

STAMPINGS & WASHERS

2025 CATALOG

**FAST
DELIVERY**



 **BOKER'S, INC.**
STAMPING & WASHER SPECIALISTS SINCE 1919

WOMEN
OWNED

32,000 SIZES — 2,000 MATERIALS — ENDLESS POSSIBILITIES

AS9100:2016
ISO9001:2015
CERTIFIED

A NOTE FROM BOKER'S

We are pleased to bring you the Boker's, Inc. 2025 Stampings & Washers Catalog. For over 100 years, we have been honored to provide quality stamped components and washer solutions to every market and industry.

In recent years, global manufacturing has faced headwinds, with production declining across various supply chains and industry sectors. During this time Boker's took proactive steps to add strength and resilience. We strategically allocated resources to strengthen our core capabilities, ensuring that we emerge even stronger when economic activity rebounds.

Cutting-Edge Equipment: We have made investments in state-of-the-art capital equipment across multiple departments. These cutting-edge tools have seamlessly integrated with all our product lines, enhancing efficiency and effectiveness while expanding our environmental stewardship.

Streamlined Processes: Our cross-functional teams were reinvigorated. They collaborated to streamline processes, eliminate waste, and optimize workflows; with a focus of delivering on our mission of quality products on your timeline.

Employee Development: Our team is our greatest asset, we invested significantly in their development through additional inter- and cross-departmental training.

As we look ahead, Boker's is well positioned to serve you, our valued customers, both now and into the future. I invite you to contact our experienced Sales Associates who can answer your questions, provide quotes or discuss solutions to add value to your product line.

Thank you for your continued trust in Boker's!
As always, it is our greatest pleasure to be at your service.



Amy Kersey
CEO/President

**WOMEN
OWNED**

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BOKER'S, INC.

1860

Vitus Boker started using short run stamping methods in Denmark

1901

Vitus immigrated to the United States

1919

V.A. Boker & Sons was founded in Minneapolis

1923

Check Protector patented

1926

Second location on Erie Street

1933

Third location at Bohemian Flats



100+ YEARS OF PRECISION MANUFACTURING

It all began in the Minneapolis basement of a young, passionate and focused man named Vitus Boker. He instilled the values of hard work and attention to detail throughout the company as it grew. These values still guide the company today, which inspires the team to provide an exceptional customer experience while producing the highest quality component parts.

Being a value-driven company also means giving back and being good stewards for the surrounding community. From drawing skilled tradespeople from across the Twin Cities to volunteering with local non-profits, Boker's brings passion and attention to detail to everything we do.

A Part of Every Industry

Boker's has been serving companies on the forefront of technology innovation for over 100 years. As a result, you come into contact with components that Boker's has manufactured almost every day. From airplanes, appliances and medical devices to outdoor recreational equipment, furniture and renewable energy, you interact with items that feature stamped components manufactured by Boker's.

Customers trust Boker's because of their quality, on-time delivery and service. Often times, customers come with a difficult part that they were struggling with and Boker's figures out how to manufacture the part to their exact specifications.

Continuing the Legacy

Boker's works in and serves all fast-paced and high-demand industries. Over the past 100+ years, we have embraced and been on the forefront of technology evolution and integration.

The future of Boker's is sticking to our wheelhouse of what we are known for while expanding our customer base and serving emerging markets. We will continue to expand capabilities by adapting and pursuing new technologies and processes in an effort to continue exceeding customer expectations.

Our team works hard and is dedicated to following and continually improving processes. This is the reason Boker's is successful and will continue to be so for at least the next 100 years.

— Tony Kersey, Vice President

4th location on Snelling Avenue

Held the first meeting of the board of directors

William Tedlund becomes sole owner

66,500 square foot expansion totaling over 165,000 square feet

1939

1942

1947

1968

1986

2008

2018

2019

Vitus retired, leaving company to his children (John, William, Richard, Marie)

Boker's purchased by four employees (William Tedlund, Joseph Basara, Chester Engquist, Joseph Kantorowicz)

Expansion completed totaling over 90,000 square feet

Boker's celebrates 100th Anniversary



The Boker's Advantage

Over 2,000 Materials

To expedite your order and shorten delivery time, Boker's has immediate access to over 2,000 commonly specified and hard-to-find materials. **Whatever your requirements, if it can be stamped, we can turn it into the part you need.**

Metallic Materials: Low carbon, cold rolled strip and sheet steel, SAE 1050, 1075, and 1095 spring steel, blue and black temper spring steel, low alloy steel sheets, brass, copper, nickel silver, beryllium copper, phosphor bronze, stainless steel, aluminum and others.

Non-Metallic Materials: Acetal, PTFE, polyester, nylon, fiber, polyethylene, various phenolics and NEMA grade phenolics and others.

Superalloys: Iron, cobalt and nickel based alloys such as: Hastelloy, Inconel, Monel and others.

Secondary Operations

Boker's provides secondary operations including deburring, tapping, counterboring, reaming, and spotfacing to name a few. We also have approved vendors for plating, heat treating, grinding, testing and others.

Boker's Environmental Compliance

Boker's, Inc. is committed to responsible business practices that portray our dedication to our employees, customers, country and world.

Certified Quality Management System

Our Quality Management System (QMS) is AS 9100:2016 / ISO 9001:2015 Certified. When you purchase products from us, you can be confident that our processes are efficient and effective.

Quality Assurance and Certification

- | | | |
|----------|----------|---------------------|
| ✓ C of C | ✓ F.A.I. | ✓ Conflict Minerals |
| ✓ PPAP | ✓ AS9102 | ✓ CA Proposition 65 |
| ✓ DFARS | ✓ REACH | ✓ Latex-Free |
| ✓ RoHS | ✓ ITAR | ✓ WBENC |
| ✓ S.P.C. | ✓ IMDS | ✓ WOSB |



Bokers.com is Your Complete Resource

Boker's website provides extensive stamping information including access to thousands of non-standard flat washer, spacer, shim and disk sizes.

Simply key in the desired size range in inch or millimeter measurements by O.D. or I.D. and get immediate display of all stock tool sizes.



Stay in the Loop with Boker's Bulletin

This electronic newsletter is sent out on a quarterly basis and contains industry news as well as other metal forming industry information.

Subscribe today!
Scan or visit
bokersbulletin.com

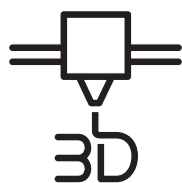




Prototype Before Production

No more guess work or uncertainty. Only precision.

Make sure to take advantage of our capabilities next time you work with us.



Boker's 3D Printing Prototyping Services

Boker's offers additive manufacturing (3D printing) to provide customers with 3D prototypes. See how your product will turn out in advance. This service allows our customers to test parts for form and fit prior to production of the actual stamped part.



Inspection Reports

Certificates of Compliance, Chemical/Physical Analysis, PPAP, FAI and AS9102 are available upon request.



Fast Delivery

At Boker's, fast delivery is the standard practice. Boker's can also meet your delivery and stocking requirements with flexible "Just-In-Time" (J.I.T.) and "Dock-to-Stock" programs. Your order may also be expedited for faster delivery.

100◆

Minimum Quantity

Orders require a minimum production run of 100 pieces, though deliveries of lesser quantities can be arranged. Per-unit costs rapidly decrease as the quantity increases.



High-Volume Orders

Increased production capacity and enhanced technology allows Boker's quality stampings and non-standard washers to be manufactured quickly, well into the millions.



Quality Stampings Made to Order

Vitus Boker launched the company based on pioneering the production of high-quality, short-run stamped metal parts. With over 100 years of experience, Boker's has earned the reputation as a stamping leader and the respect of many customers for their specialized metal components.



Draws up to 3" deep
and 8" in diameter



Complex metal forming needs
in thicknesses from .005" to .190"
(varies by material)



Flat blanking and
piercing up to 12" by 12"

Draws, Forming, Blanking and Piercing

At Boker's, we utilize the latest stamping technologies and manufacturing concepts to continually provide you with stampings of the highest quality. This diligent effort to achieve and retain the highest quality possible in our metal stamping processes goes back to 1919.

Production Process Overview:

- In-House tool and die department designs and produces custom tooling to be used in the stamping process.
- Material warehouse shears sheets of material into strips or issues a coil of material—metallic or non-metallic.
- The material then transfers to the production floor to be stamped using the custom or stock tool(s) in one or more of our many varieties of punch presses.
- Parts are then (in any combination) blanked, deburred, formed, drawn, tapped or pierced in-house. After in-house production is complete parts may be sent to an approved vendor for plating, heat treating, grinding, or testing before going to Boker's Quality Assurance Department. In our Q.A. Lab, parts are inspected to ensure they meet customer specifications before being released for shipping.





Precision Metalforming

When you've been successful for 100+ years, quality isn't just a promise, it's our mission. The washers, spacers and shims you get from Boker's will meet your specifications from the first part to the last. Those are not just words at Boker's, but the goal of the quality-conscious personnel who produce your precision parts. Boker's dedicates every department to the task of providing the highest quality washers, spacers and shims.

As a final check, your parts are inspected in the Q.A. Lab before your order is shipped out.

Washers, Spacers & Shims

Metric Sizes No Problem! Boker's maintains over 32,000 stock tools for flat washers, spacers and shims. You can choose from a wide variety of sizes, thicknesses and materials, including non-metallics. With outside diameters of 0.080" to 5.140" and a wide variety of inside diameters, you have millions of flat washer possibilities.



Special Shapes and Sizes

Boker's also makes special washer shapes and sizes—up to 12" in outside diameter. We can produce a vast number of custom washer types with little to no tooling costs.

Tell us what you need, and we'll make it to your exact specifications. Visit bokers.com to submit a drawing for a fast quote or to search stock metric sizes.



The Widest Range of Disks Available

Disks, commonly referred to as discs, circles, plates and/or slugs, are typically round washers with or without a center hole and are typically used to provide a precise space between components or materials or for load disbursement.

All of Boker's 32,000+ flat washer sizes are available without the I.D. hole in more than 2,000 commonly specified and difficult-to-find materials.

- Sizes up to 12" x 12" (flat)
- Thicknesses from .005" to .190" (varies by material)

SPACE **AIR** LAND **SEA**

SERVING A WORLD OF INDUSTRIES

AEROSPACE, AVIATION & DEFENSE • MEDICAL • ELECTRONIC
MEASUREMENT & TESTING • TELECOMMUNICATIONS
RENEWABLE ENERGY • OIL & GAS • HYDRAULICS
INDUSTRIAL EQUIPMENT • AGRICULTURE • APPLIANCES
HVAC • RECREATIONAL VEHICLES • AUTOMOTIVE INFORMATION
TECHNOLOGY • PHOTOGRAPHIC & IMAGING EQUIPMENT
OFFICE MACHINES • CUTLERY & HAND TOOLS • CABINET
& FURNITURE • CONSUMER PRODUCTS AND MORE

With a commitment to continuous improvement, Boker's recently surveyed a subset of our customer base in our pursuit of perfection. Our customer service team, comprised of key personnel, reviewed every response and identified action assignments focused on providing the highest quality customer service. Thank you to everyone who participated. We are listening.

Here's what our customers are saying:

Customer Satisfaction is Our #1 Goal

When quality and precision matter the most, turn to Boker's for your stamped components.

“

BOKER'S IS ONE OF **OUR MOST TRUSTED SUPPLIERS.**

- Customer in Off-Road Racing Industry

BOKER'S ALWAYS PROVIDES **QUALITY PARTS AND QUICK RESPONSE TIMES.**

- Customer in Machine Tool Industry

I HAVE BEEN **PLEASED WITH OUR EXPERIENCE** WITH BOKER'S. **WE ALWAYS RECEIVE QUALITY PRODUCTS** AND THAT IS WHAT OUR CUSTOMERS HAVE COME TO EXPECT FROM US.

- Customer in Military Communications Industry

BOKER'S STAFF HAVE ALWAYS **JUMPED THROUGH HOOPS TO ACCOMMODATE US** WHENEVER WE WERE IN DIRE STRAITS. **I ENJOY WORKING WITH THEIR STAFF** EVERY TIME WE NEED TO PLACE AN ORDER.

- Customer in Defense Industry

WE'VE BEEN A **SATISFIED BOKER'S CUSTOMER FOR OVER 20 YEARS.** THE QUALITY OF THE PRODUCTS, CUSTOMER SERVICE, AND **LEAD TIMES HAVE ALWAYS BEEN EXCELLENT.**

- Customer in Prosthetics & Orthotics Industry

”



BOKER'S NON-STANDARD WASHERS AND SPACERS

This is our list of stock tools from which our washers are made to your order in any quantity without a tooling charge. We do NOT carry any washers in stock. You can choose an exact thickness for washers within the tool range indicated. For the most up-to-date list of sizes, please visit bokers.com

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.080	.049	.005 - .010	.106	.077	.005 - .012	.123	.035	.010 - .020	.134	.095	.005 - .010	.149	.036	.005 - .010	.156	.068	.010 - .040
.081	.033	.005 - .010	.107	.055	.005 - .012	.123	.036	.005 - .010	.135	.035	.005 - .010	.149	.079	.005 - .010	.156	.071	.005 - .025
.083	.033	.010 - .020	.108	.055	.005 - .020	.123	.052	.020 - .040	.135	.059	.005 - .010	.149	.086	.005 - .010	.156	.077	.015 - .035
.084	.043	.005 - .010	.108	.061	.010 - .020	.123	.058	.005 - .010	.135	.060	.005 - .010	.149	.095	.005 - .010	.156	.078	.005 - .010
.084	.048	.012 - .020	.109	.047	.012 - .020	.123	.069	.005 - .010	.135	.066	.005 - .010	.149	.097	.015 - .025	.156	.080	.025 - .035
.084	.065	.005 - .010	.109	.058	.010 - .020	.123	.080	.010 - .020	.135	.072	.005 - .015	.150	.033	.005 - .010	.156	.089	.005 - .015
.085	.040	.005 - .010	.109	.067	.008 - .018	.123	.082	.010 - .020	.135	.085	.005 - .010	.150	.035	.010 - .020	.156	.094	.010 - .015
.085	.043	.005 - .010	.110	.032	.010 - .015	.124	.028	.005 - .010	.136	.064	.015 - .030	.150	.041	.005 - .030	.156	.095	.005 - .010
.085	.048	.010 - .015	.110	.054	.005 - .010	.124	.063	.005 - .010	.136	.073	.005 - .010	.150	.044	.005 - .010	.156	.098	.010 - .020
.086	.027	.010 - .020	.110	.055	.010 - .020	.124	.065	.015 - .025	.136	.090	.005 - .010	.150	.046	.005 - .010	.156	.100	.016 - .025
.086	.036	.005 - .008	.110	.073	.005 - .010	.124	.066	.015 - .030	.136	.095	.012 - .020	.150	.056	.015 - .020	.156	.103	.015 - .030
.086	.045	.005 - .010	.111	.061	.010 - .020	.124	.073	.005 - .010	.137	.049	.005 - .010	.150	.057	.010 - .020	.156	.106	.005 - .010
.086	.048	.010 - .015	.111	.067	.015 - .025	.125	.049	.005 - .010	.137	.066	.012 - .025	.150	.059	.005 - .010	.156	.115	.005 - .010
.087	.025	.005 - .010	.111	.082	.005 - .010	.125	.052	.005 - .012	.137	.077	.020 - .030	.150	.065	.005 - .010	.156	.130	.010 - .020
.087	.043	.015 - .030	.112	.039	.005 - .010	.125	.054	.015 - .025	.137	.091	.008 - .016	.150	.066	.006 - .010	.157	.043	.020 - .030
.088	.032	.005 - .010	.112	.044	.012 - .020	.125	.055	.020 - .030	.138	.049	.010 - .020	.150	.073	.005 - .010	.157	.057	.005 - .025
.088	.066	.005 - .015	.112	.059	.015 - .025	.125	.060	.015 - .030	.138	.070	.005 - .010	.150	.077	.010 - .020	.157	.061	.010 - .020
.089	.044	.005 - .010	.112	.061	.005 - .010	.125	.062	.010 - .020	.138	.073	.005 - .010	.150	.083	.010 - .020	.157	.064	.005 - .010
.089	.065	.005 - .015	.112	.062	.015 - .025	.125	.063	.005 - .020	.138	.075	.015 - .030	.150	.087	.010 - .015	.157	.066	.010 - .020
.090	.030	.010 - .030	.112	.067	.015 - .025	.125	.064	.010 - .020	.138	.088	.005 - .010	.150	.088	.005 - .010	.157	.086	.005 - .010
.090	.050	.010 - .015	.112	.073	.005 - .010	.125	.065	.005 - .030	.138	.102	.005 - .010	.150	.089	.015 - .025	.157	.088	.005 - .010
.090	.054	.010 - .015	.113	.052	.005 - .010	.125	.066	.005 - .030	.139	.047	.005 - .010	.150	.090	.005 - .030	.157	.091	.010 - .020
.090	.064	.008 - .012	.113	.074	.005 - .010	.125	.067	.015 - .025	.139	.053	.005 - .012	.150	.091	.005 - .012	.157	.092	.010 - .020
.091	.031	.005 - .010	.114	.040	.030 - .040	.125	.068	.010 - .032	.139	.056	.010 - .020	.150	.099	.020 - .025	.157	.094	.020 - .030
.091	.065	.005 - .010	.114	.044	.005 - .010	.125	.069	.005 - .010	.139	.057	.005 - .012	.150	.116	.016 - .020	.157	.096	.005 - .030
.092	.027	.010 - .015	.114	.066	.005 - .010	.125	.072	.012 - .020	.139	.063	.005 - .010	.151	.056	.015 - .025	.157	.120	.005 - .010
.092	.041	.008 - .012	.114	.073	.005 - .010	.125	.076	.020 - .025	.139	.066	.015 - .030	.151	.069	.005 - .010	.157	.127	.005 - .010
.092	.043	.010 - .020	.115	.031	.010 - .020	.125	.078	.005 - .010	.139	.095	.010 - .020	.151	.073	.005 - .010	.158	.040	.010 - .020
.092	.044	.005 - .010	.115	.033	.005 - .010	.126	.042	.008 - .032	.139	.097	.005 - .010	.151	.077	.015 - .020	.158	.046	.012 - .025
.092	.047	.005 - .010	.115	.061	.005 - .010	.126	.050	.005 - .012	.140	.062	.005 - .010	.151	.078	.010 - .020	.158	.050	.020 - .035
.092	.060	.005 - .010	.115	.079	.005 - .015	.126	.052	.008 - .025	.140	.073	.005 - .010	.151	.083	.025 - .030	.158	.057	.010 - .020
.092	.068	.005 - .010	.116	.037	.005 - .010	.126	.057	.025 - .032	.140	.082	.005 - .032	.152	.094	.020 - .025	.158	.060	.020 - .030
.093	.036	.010 - .020	.116	.055	.010 - .020	.126	.062	.008 - .040	.140	.090	.005 - .010	.152	.095	.015 - .025	.158	.089	.020 - .032
.093	.049	.010 - .020	.116	.066	.015 - .025	.126	.064	.005 - .010	.140	.095	.005 - .010	.152	.098	.005 - .010	.158	.094	.025 - .035
.093	.051	.005 - .020	.116	.067	.005 - .010	.126	.065	.005 - .015	.140	.109	.010 - .015	.152	.100	.005 - .010	.158	.095	.005 - .010
.094	.062	.010 - .015	.116	.073	.005 - .010	.126	.068	.005 - .010	.141	.061	.005 - .010	.153	.056	.010 - .020	.158	.098	.005 - .015
.095	.024	.010 - .015	.117	.032	.005 - .010	.126	.073	.005 - .010	.141	.065	.015 - .025	.153	.061	.005 - .010	.158	.100	.015 - .020
.095	.043	.005 - .010	.117	.035	.005 - .012	.126	.080	.005 - .010	.141	.067	.010 - .016	.153	.062	.005 - .010	.158	.101	.005 - .010
.095	.049	.005 - .010	.117	.056	.010 - .015	.126	.095	.005 - .015	.141	.076	.005 - .010	.153	.073	.015 - .025	.158	.119	.015 - .025
.095	.052	.005 - .010	.118	.058	.010 - .020	.126	.096	.005 - .010	.141	.079	.015 - .025	.153	.077	.025 - .035	.159	.077	.005 - .010
.095	.056	.015 - .020	.118	.073	.005 - .020	.127	.039	.020 - .032	.141	.092	.015 - .025	.153	.078	.005 - .015	.159	.081	.005 - .010
.097	.060	.005 - .010	.118	.075	.005 - .015	.127	.042	.010 - .020	.142	.038	.015 - .030	.153	.081	.020 - .035	.159	.095	.005 - .010
.097	.074	.005 - .010	.118	.080	.005 - .012	.127	.047	.015 - .030	.142	.073	.005 - .010	.153	.095	.020 - .030	.159	.100	.010 - .025
.098	.040	.005 - .010	.118	.084	.010 - .020	.127	.065	.012 - .020	.142	.076	.005 - .010	.153	.100	.010 - .025	.159	.110	.005 - .012
.098	.064	.010 - .020	.118	.091	.005 - .010	.127	.067	.010 - .020	.142	.078	.005 - .010	.153	.126	.005 - .010	.160	.060	.005 - .015
.098	.065	.005 - .010	.120	.034	.015 - .030	.127	.077	.015 - .025	.142	.083	.005 - .010	.154	.073	.020 - .040	.160	.088	.010 - .020
.099	.050	.005 - .010	.120	.039	.010 - .020	.127	.083	.015 - .030	.142	.089	.020 - .030	.154	.095	.005 - .010	.160	.090	.005 - .010
.100	.026	.010 - .015	.120	.040	.010 - .020	.127	.093	.010 - .015	.142	.098	.010 - .015	.154	.101	.005 - .010	.160	.095	.025 - .040
.100	.035	.005 - .010	.120	.041	.005 - .010	.127	.094	.008 - .015	.143	.052	.005 - .010	.154	.110	.020 - .030	.161	.063	.015 - .030
.100	.040	.005 - .010	.120	.050	.005 - .010	.128	.042	.005 - .010	.143	.083	.015 - .025	.154	.115	.005 - .010	.161	.069	.010 - .020
.100	.055	.020 - .030	.120	.062	.010 - .020	.128	.056	.015 - .025	.143	.095	.010 - .020	.155	.064	.015 - .030	.161	.076	.015 - .030
.100	.062	.005 - .010	.120	.063	.015 - .030	.128	.073	.005 - .010	.143	.097	.005 - .015	.155	.066	.005 - .010	.162	.061	.005 - .020
.100	.065	.005 - .020	.120	.065	.005 - .010	.128	.076	.015 - .030	.144	.065	.005 - .010	.155	.069	.005 - .015	.162	.077	.012 - .020
.100	.067	.015 - .025	.120	.070	.015 - .030	.128	.078	.005 - .010	.144	.073	.005 - .010	.155	.072	.020 - .040	.162	.086	.020 - .032
.101	.036	.015 - .025	.120	.073	.005 - .010	.128	.089	.005 - .010	.144	.076	.010 - .020	.155	.076	.010 - .020	.162	.092	.015 - .030
.101	.045	.005 - .030	.120	.080	.010 - .016	.128	.103	.005 - .010	.145	.056	.005 - .010	.155	.078	.008 - .012	.162	.097	.010 - .020
.101	.049	.015 - .020	.121	.043	.005 - .012	.129	.083	.010 - .020	.145	.068	.005 - .012	.155	.081	.005 - .010	.162	.112	.005 - .010
.101	.050	.005 - .010	.121	.047	.005 - .010	.130	.061	.010 - .020	.145	.090	.005 - .010	.155	.084	.005 - .010	.163	.082	.015 - .030
.102	.040	.020 - .030	.121	.054	.010 - .025	.130	.063	.020 - .030	.145	.097	.005 - .010	.155	.094	.015 - .025	.163	.110	.015 - .020
.102	.053	.020 - .030	.121	.062	.010 - .020	.130	.073	.005 - .010	.145	.116	.005 - .010	.155	.111	.005 - .010	.163	.128	.005 - .010
.104	.044	.020 - .030	.121	.072	.005 - .010	.131	.059	.005 - .012	.146	.046	.010 - .020	.155	.124	.010 - .020	.163	.129	.005 - .010
.105	.030	.005 - .015	.121	.092	.005 - .010	.132	.035	.005 - .010	.146	.065	.005 - .010	.156	.044	.015 - .035	.164	.081	.010 - .020
.105	.037	.015 - .025	.122	.049	.010 - .020	.132	.073	.005 - .010	.146	.073	.005 - .010	.156	.049	.005 - .015	.164	.087	.005 - .010
.105	.044	.005 - .010	.122	.056	.005 - .010	.133	.052	.005 - .010	.146	.091	.010 - .020	.156	.052	.010 - .032	.164	.100	.005 - .012
.105	.047	.005 - .010	.122	.066	.020 - .030	.133	.088	.005 - .010	.146	.107	.005 - .010	.156	.053	.005 - .012	.164	.114	.010 - .020
.105	.056	.015 - .025	.122	.073	.005 - .010	.133	.096	.010 - .020	.147	.067	.020 - .032	.156	.062	.020 - .040	.165	.040	.005 - .010
.105	.057	.005 - .010	.122	.076	.010 - .020	.134	.041	.005 - .010	.147	.111	.010 - .025	.156	.064	.016 - .025	.165	.045	.015 - .030
.105	.063	.010 - .020	.122</														

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.165	.073	.005 - .015	.175	.104	.005 - .010	.185	.080	.005 - .010	.188	.061	.025 - .040	.195	.145	.015 - .040	.201	.083	.020 - .030
.165	.075	.005 - .010	.175	.121	.010 - .020	.185	.083	.015 - .030	.188	.063	.010 - .015	.196	.050	.010 - .020	.201	.086	.005 - .010
.165	.080	.015 - .025	.175	.123	.030 - .040	.185	.086	.008 - .020	.188	.071	.005 - .015	.196	.055	.025 - .040	.201	.096	.020 - .040
.165	.083	.005 - .010	.175	.124	.025 - .030	.185	.089	.015 - .030	.188	.075	.030 - .050	.196	.075	.010 - .020	.201	.115	.015 - .025
.165	.090	.005 - .010	.175	.127	.005 - .010	.185	.092	.005 - .035	.188	.077	.010 - .015	.196	.086	.025 - .035	.201	.126	.020 - .032
.165	.096	.015 - .030	.175	.128	.015 - .020	.185	.093	.020 - .035	.188	.083	.025 - .040	.196	.090	.005 - .010	.201	.134	.005 - .030
.165	.100	.015 - .025	.176	.053	.005 - .010	.185	.095	.005 - .025	.188	.087	.010 - .020	.196	.102	.005 - .010	.201	.141	.005 - .010
.165	.125	.005 - .010	.176	.081	.005 - .010	.185	.097	.010 - .020	.188	.093	.005 - .010	.196	.104	.005 - .010	.201	.148	.005 - .012
.165	.126	.015 - .025	.176	.119	.010 - .020	.185	.098	.005 - .010	.188	.094	.005 - .020	.196	.105	.015 - .030	.201	.161	.005 - .010
.166	.062	.005 - .010	.177	.053	.005 - .010	.185	.110	.020 - .030	.188	.095	.005 - .010	.196	.117	.008 - .015	.202	.057	.010 - .020
.166	.073	.010 - .020	.177	.070	.005 - .010	.185	.118	.015 - .030	.188	.102	.005 - .015	.196	.122	.005 - .020	.202	.066	.015 - .025
.166	.075	.005 - .010	.177	.081	.005 - .010	.185	.119	.015 - .030	.188	.103	.020 - .030	.196	.128	.005 - .010	.202	.067	.005 - .015
.166	.081	.005 - .010	.177	.094	.007 - .015	.185	.126	.020 - .030	.188	.106	.010 - .020	.196	.129	.005 - .025	.202	.072	.050 - .070
.166	.108	.010 - .020	.177	.099	.005 - .015	.185	.127	.005 - .010	.188	.113	.020 - .040	.196	.130	.010 - .020	.202	.101	.015 - .025
.166	.125	.005 - .010	.177	.113	.005 - .015	.185	.128	.010 - .020	.188	.118	.015 - .025	.196	.140	.010 - .020	.202	.116	.015 - .020
.166	.129	.005 - .010	.177	.119	.030 - .042	.185	.129	.005 - .015	.188	.119	.005 - .012	.196	.142	.005 - .010	.202	.120	.015 - .032
.167	.031	.005 - .010	.177	.122	.015 - .020	.185	.131	.005 - .010	.188	.121	.010 - .025	.196	.145	.005 - .012	.202	.126	.005 - .010
.167	.065	.010 - .020	.177	.125	.005 - .010	.185	.134	.005 - .010	.188	.122	.005 - .010	.197	.055	.015 - .025	.202	.128	.005 - .010
.167	.078	.005 - .010	.177	.127	.005 - .010	.185	.136	.010 - .025	.188	.128	.005 - .036	.197	.062	.030 - .050	.202	.134	.005 - .010
.167	.085	.010 - .020	.178	.050	.030 - .040	.185	.145	.005 - .010	.188	.129	.020 - .030	.197	.077	.005 - .010	.202	.136	.020 - .032
.167	.108	.010 - .020	.178	.077	.015 - .030	.186	.028	.006 - .010	.188	.131	.020 - .030	.197	.091	.020 - .040	.203	.056	.005 - .010
.168	.082	.005 - .010	.178	.087	.020 - .040	.186	.035	.005 - .010	.188	.164	.010 - .020	.197	.099	.005 - .010	.203	.063	.005 - .032
.168	.096	.025 - .040	.178	.113	.005 - .015	.186	.038	.005 - .010	.189	.043	.025 - .040	.197	.103	.005 - .010	.203	.072	.015 - .040
.168	.130	.005 - .010	.178	.119	.030 - .042	.186	.046	.010 - .020	.189	.053	.030 - .040	.197	.116	.005 - .010	.203	.091	.010 - .040
.169	.027	.010 - .020	.178	.123	.005 - .010	.186	.064	.008 - .020	.189	.064	.010 - .050	.197	.121	.005 - .010	.203	.092	.030 - .040
.169	.115	.015 - .025	.178	.137	.010 - .020	.186	.075	.015 - .025	.189	.094	.040 - .060	.197	.122	.020 - .040	.203	.093	.040 - .060
.169	.128	.005 - .010	.178	.139	.005 - .010	.186	.079	.015 - .040	.189	.095	.025 - .045	.197	.129	.005 - .010	.203	.107	.005 - .010
.170	.034	.005 - .010	.179	.039	.005 - .010	.186	.086	.005 - .010	.189	.102	.005 - .010	.197	.139	.030 - .040	.203	.114	.015 - .040
.170	.050	.015 - .030	.179	.101	.010 - .020	.186	.088	.015 - .025	.189	.108	.010 - .020	.197	.147	.015 - .025	.203	.123	.005 - .010
.170	.057	.005 - .010	.179	.103	.005 - .010	.186	.093	.015 - .030	.189	.109	.005 - .010	.198	.088	.010 - .020	.203	.124	.010 - .020
.170	.064	.015 - .032	.179	.113	.005 - .010	.186	.094	.025 - .035	.189	.119	.005 - .010	.198	.092	.010 - .030	.203	.128	.015 - .025
.170	.067	.010 - .020	.179	.115	.025 - .030	.186	.096	.005 - .010	.189	.136	.010 - .020	.198	.095	.015 - .030	.203	.130	.005 - .010
.170	.070	.020 - .030	.180	.081	.020 - .035	.186	.098	.012 - .025	.190	.030	.005 - .010	.198	.097	.005 - .010	.203	.137	.020 - .040
.170	.089	.015 - .025	.180	.089	.005 - .032	.186	.099	.005 - .010	.190	.048	.005 - .010	.198	.102	.020 - .030	.203	.170	.005 - .020
.170	.097	.005 - .010	.180	.090	.010 - .020	.186	.103	.005 - .010	.190	.091	.005 - .010	.198	.114	.005 - .010	.203	.175	.005 - .010
.170	.109	.025 - .035	.180	.094	.010 - .025	.186	.108	.010 - .020	.190	.095	.040 - .060	.198	.116	.005 - .010	.203	.176	.005 - .010
.170	.121	.005 - .010	.180	.096	.005 - .010	.186	.118	.030 - .040	.190	.113	.010 - .020	.198	.126	.020 - .030	.204	.044	.005 - .010
.171	.065	.005 - .010	.180	.100	.025 - .040	.186	.119	.005 - .010	.190	.128	.010 - .015	.198	.131	.020 - .040	.204	.075	.025 - .040
.171	.086	.030 - .050	.180	.114	.020 - .040	.186	.124	.020 - .030	.190	.130	.015 - .030	.198	.147	.005 - .010	.204	.100	.005 - .010
.171	.087	.015 - .030	.180	.115	.005 - .010	.186	.125	.010 - .030	.190	.132	.005 - .010	.199	.050	.005 - .010	.204	.105	.030 - .040
.171	.090	.005 - .030	.180	.118	.005 - .010	.186	.126	.005 - .010	.191	.038	.005 - .010	.199	.088	.030 - .050	.204	.125	.025 - .040
.171	.098	.007 - .015	.180	.128	.005 - .010	.186	.127	.010 - .015	.191	.039	.010 - .020	.199	.105	.030 - .050	.204	.143	.020 - .030
.171	.101	.010 - .020	.180	.141	.005 - .010	.186	.129	.020 - .040	.191	.063	.010 - .016	.199	.122	.010 - .020	.204	.157	.010 - .020
.171	.128	.010 - .020	.181	.071	.005 - .010	.186	.136	.010 - .020	.191	.065	.025 - .050	.199	.154	.005 - .015	.205	.038	.015 - .025
.171	.129	.010 - .020	.181	.078	.007 - .016	.186	.155	.005 - .010	.191	.069	.025 - .040	.199	.158	.015 - .020	.205	.050	.030 - .040
.171	.130	.005 - .010	.181	.087	.005 - .010	.186	.164	.005 - .010	.191	.075	.040 - .060	.200	.026	.005 - .010	.205	.079	.020 - .030
.172	.036	.005 - .010	.181	.093	.005 - .010	.187	.042	.015 - .030	.191	.077	.005 - .030	.200	.053	.005 - .010	.205	.094	.010 - .020
.172	.074	.005 - .020	.181	.095	.010 - .016	.187	.074	.015 - .030	.191	.092	.032 - .050	.200	.057	.005 - .010	.205	.097	.010 - .020
.172	.080	.015 - .025	.181	.116	.005 - .010	.187	.077	.020 - .040	.191	.104	.020 - .030	.200	.066	.005 - .010	.205	.112	.010 - .020
.172	.081	.020 - .030	.181	.116	.015 - .030	.187	.078	.025 - .050	.191	.119	.010 - .020	.200	.072	.020 - .030	.205	.115	.015 - .025
.172	.096	.020 - .032	.181	.127	.015 - .025	.187	.080	.005 - .010	.191	.142	.005 - .010	.200	.078	.020 - .030	.205	.131	.010 - .020
.172	.103	.010 - .020	.181	.128	.005 - .025	.187	.081	.005 - .010	.191	.151	.005 - .010	.200	.079	.010 - .020	.205	.137	.025 - .040
.172	.109	.020 - .040	.182	.052	.010 - .020	.187	.082	.005 - .042	.191	.162	.015 - .020	.200	.086	.025 - .040	.205	.147	.025 - .030
.172	.128	.005 - .010	.182	.057	.012 - .020	.187	.084	.005 - .010	.192	.091	.020 - .040	.200	.087	.025 - .040	.206	.051	.005 - .015
.173	.065	.015 - .030	.182	.068	.010 - .020	.187	.086	.030 - .050	.192	.118	.005 - .010	.200	.090	.010 - .020	.206	.094	.005 - .010
.173	.070	.020 - .030	.182	.083	.040 - .050	.187	.089	.010 - .030	.192	.120	.020 - .040	.200	.092	.005 - .010	.206	.126	.005 - .010
.173	.079	.020 - .030	.182	.094	.015 - .030	.187	.090	.025 - .040	.192	.125	.005 - .010	.200	.095	.015 - .025	.206	.154	.005 - .010
.173	.088	.005 - .010	.182	.110	.010 - .020	.187	.091	.015 - .025	.192	.133	.005 - .010	.200	.096	.005 - .010	.206	.161	.005 - .010
.173	.092	.020 - .035	.182	.130	.005 - .016	.187	.095	.005 - .010	.192	.149	.015 - .025	.200	.097	.015 - .030	.207	.112	.005 - .010
.173	.096	.020 - .040	.182	.134	.005 - .010	.187	.096	.010 - .025	.193	.075	.015 - .030	.200	.098	.015 - .025	.207	.127	.015 - .025
.173	.100	.010 - .020	.183	.067	.012 - .025	.187	.098	.015 - .025	.193	.095	.020 - .040	.200	.100	.040 - .050	.207	.132	.020 - .030
.173	.102	.010 - .020	.183	.090	.010 - .020	.187	.100	.005 - .010	.193	.103	.010 - .020	.200	.101	.005 - .040	.207	.133	.020 - .030
.173	.104	.016 - .025	.183	.096	.020 - .030	.187	.104	.032 - .042	.193	.111	.005 - .010	.200	.102	.005 - .030	.207	.144	.010 - .020
.173	.114	.010 - .020	.183	.097	.005 - .010	.187	.106	.015 - .040	.193	.123	.015 - .030	.200	.105	.010 - .025	.207	.147	.005 - .010
.173	.117	.005 - .025	.183	.101	.020 - .036	.187	.108	.005 - .010	.193	.130	.005 - .010	.200	.110	.025 - .035	.208	.099	.010 - .020
.174	.044	.020 - .030	.183	.105	.005 - .010	.187	.115	.015 - .032	.193	.133	.005 - .010	.200	.116	.010 - .020	.208	.120	.005 - .060
.174	.077	.010 - .020	.183	.106	.010 - .020	.187	.116	.010 - .020	.193	.162	.010 - .012	.200	.124	.020 - .036	.208	.127	.015 - .025
.174	.093	.040 - .060	.183	.118	.015 - .030	.187	.122	.005 - .010	.194	.065	.020 - .030	.200	.125	.005 - .010	.208	.128	.04

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.209	.146	.015 - .025	.217	.080	.020 - .030	.221	.122	.020 - .035	.230	.130	.005 - .060	.236	.091	.020 - .030	.243	.095	.015 - .025
.209	.151	.005 - .010	.217	.084	.015 - .030	.221	.125	.020 - .035	.230	.145	.010 - .040	.236	.094	.015 - .030	.243	.130	.010 - .050
.210	.102	.005 - .010	.217	.100	.030 - .050	.221	.126	.020 - .035	.230	.152	.010 - .020	.236	.097	.015 - .030	.243	.133	.005 - .010
.210	.128	.005 - .010	.217	.106	.015 - .030	.221	.130	.030 - .042	.230	.160	.010 - .020	.236	.098	.030 - .048	.243	.136	.005 - .010
.210	.155	.010 - .020	.217	.116	.008 - .016	.221	.135	.005 - .010	.230	.167	.005 - .010	.236	.107	.020 - .030	.243	.145	.010 - .020
.210	.162	.020 - .040	.217	.118	.050 - .070	.221	.144	.005 - .010	.230	.176	.005 - .010	.236	.118	.005 - .010	.243	.146	.010 - .020
.210	.182	.005 - .010	.217	.120	.025 - .040	.221	.156	.020 - .030	.230	.180	.005 - .010	.236	.127	.005 - .010	.243	.162	.020 - .035
.211	.084	.015 - .030	.217	.161	.015 - .030	.222	.050	.010 - .020	.231	.046	.005 - .010	.236	.129	.005 - .010	.243	.170	.010 - .020
.211	.088	.005 - .010	.217	.166	.005 - .010	.222	.093	.020 - .030	.231	.068	.020 - .030	.236	.130	.015 - .030	.243	.188	.005 - .010
.211	.091	.020 - .040	.217	.191	.005 - .010	.222	.095	.008 - .012	.231	.096	.050 - .070	.236	.131	.005 - .010	.243	.198	.005 - .020
.211	.104	.005 - .010	.218	.069	.015 - .025	.222	.114	.010 - .020	.231	.116	.040 - .060	.236	.155	.005 - .010	.244	.070	.020 - .030
.211	.106	.020 - .040	.218	.078	.025 - .042	.222	.116	.025 - .045	.231	.120	.035 - .048	.236	.160	.005 - .010	.244	.088	.005 - .010
.211	.111	.010 - .020	.218	.090	.015 - .030	.222	.129	.020 - .030	.231	.127	.005 - .010	.236	.161	.005 - .010	.244	.106	.015 - .030
.211	.112	.005 - .010	.218	.095	.010 - .050	.222	.134	.040 - .050	.231	.130	.010 - .020	.236	.182	.005 - .010	.244	.119	.005 - .010
.211	.120	.005 - .010	.218	.097	.005 - .025	.222	.140	.010 - .020	.231	.146	.005 - .010	.236	.192	.005 - .010	.244	.127	.010 - .015
.211	.129	.015 - .030	.218	.101	.020 - .030	.222	.142	.010 - .020	.231	.155	.010 - .020	.236	.210	.005 - .010	.244	.136	.010 - .020
.211	.133	.020 - .035	.218	.105	.005 - .032	.223	.059	.015 - .040	.231	.160	.010 - .015	.237	.065	.010 - .020	.244	.147	.005 - .015
.211	.142	.025 - .035	.218	.106	.020 - .032	.223	.100	.005 - .010	.231	.173	.005 - .010	.237	.070	.010 - .020	.244	.150	.015 - .030
.211	.158	.005 - .010	.218	.108	.008 - .020	.223	.102	.025 - .035	.231	.177	.015 - .030	.237	.108	.040 - .060	.244	.191	.015 - .030
.211	.160	.005 - .010	.218	.113	.025 - .040	.223	.118	.005 - .015	.232	.060	.030 - .050	.237	.112	.005 - .010	.244	.192	.005 - .010
.211	.163	.020 - .032	.218	.116	.005 - .020	.223	.127	.025 - .042	.232	.120	.015 - .025	.237	.118	.050 - .060	.244	.195	.005 - .010
.211	.167	.005 - .010	.218	.119	.005 - .008	.223	.130	.005 - .010	.232	.133	.005 - .010	.237	.127	.005 - .030	.244	.205	.010 - .020
.212	.084	.005 - .010	.218	.127	.005 - .010	.223	.132	.025 - .035	.232	.134	.010 - .020	.237	.130	.005 - .020	.245	.032	.010 - .015
.212	.093	.015 - .030	.218	.128	.005 - .020	.223	.135	.010 - .020	.232	.136	.005 - .010	.237	.148	.030 - .050	.245	.045	.005 - .010
.212	.120	.010 - .020	.218	.132	.008 - .015	.223	.139	.015 - .025	.232	.155	.005 - .010	.237	.157	.025 - .036	.245	.055	.005 - .010
.212	.124	.005 - .010	.218	.137	.005 - .010	.223	.155	.005 - .010	.232	.159	.006 - .016	.237	.162	.005 - .010	.245	.097	.025 - .040
.212	.131	.005 - .010	.218	.138	.020 - .040	.223	.191	.005 - .010	.233	.040	.005 - .010	.237	.164	.008 - .035	.245	.127	.010 - .030
.212	.135	.005 - .015	.218	.140	.015 - .025	.224	.075	.025 - .040	.233	.060	.010 - .025	.237	.193	.010 - .020	.245	.128	.005 - .010
.212	.137	.015 - .025	.218	.141	.025 - .036	.224	.139	.005 - .012	.233	.110	.005 - .010	.237	.194	.010 - .020	.245	.136	.025 - .040
.212	.138	.005 - .012	.218	.143	.015 - .030	.224	.141	.005 - .010	.233	.118	.020 - .040	.238	.071	.015 - .030	.245	.141	.005 - .010
.212	.158	.015 - .025	.218	.169	.015 - .025	.224	.147	.005 - .010	.233	.124	.010 - .020	.238	.115	.040 - .060	.245	.159	.005 - .010
.213	.043	.005 - .012	.219	.070	.020 - .030	.225	.063	.005 - .010	.233	.127	.005 - .010	.238	.126	.030 - .050	.245	.185	.005 - .010
.213	.066	.025 - .040	.219	.085	.005 - .010	.225	.090	.015 - .030	.233	.130	.005 - .015	.238	.127	.005 - .010	.245	.204	.010 - .020
.213	.077	.015 - .030	.219	.090	.005 - .010	.225	.092	.005 - .010	.233	.147	.005 - .010	.238	.143	.005 - .010	.246	.055	.005 - .012
.213	.100	.005 - .010	.219	.103	.010 - .020	.225	.101	.015 - .030	.233	.155	.005 - .010	.238	.146	.030 - .040	.246	.080	.005 - .010
.213	.108	.005 - .010	.219	.106	.005 - .020	.225	.111	.015 - .030	.233	.163	.010 - .015	.238	.178	.005 - .010	.246	.094	.010 - .020
.213	.110	.010 - .020	.219	.124	.020 - .040	.225	.113	.005 - .010	.233	.167	.010 - .020	.238	.181	.020 - .030	.246	.122	.025 - .040
.213	.130	.025 - .040	.219	.126	.010 - .030	.225	.125	.015 - .032	.233	.170	.020 - .030	.239	.068	.008 - .016	.246	.128	.005 - .010
.213	.154	.005 - .010	.219	.127	.030 - .040	.225	.129	.030 - .050	.233	.173	.005 - .010	.239	.094	.005 - .010	.246	.131	.005 - .010
.213	.160	.010 - .025	.219	.129	.010 - .015	.225	.135	.005 - .015	.233	.191	.005 - .010	.239	.131	.032 - .050	.246	.134	.005 - .010
.213	.162	.020 - .030	.219	.130	.015 - .030	.225	.142	.005 - .015	.234	.039	.005 - .010	.239	.141	.015 - .030	.246	.142	.015 - .030
.214	.050	.005 - .010	.219	.142	.005 - .010	.225	.144	.015 - .030	.234	.066	.042 - .062	.239	.142	.015 - .030	.246	.170	.005 - .010
.214	.062	.015 - .030	.219	.147	.025 - .040	.225	.147	.025 - .040	.234	.096	.042 - .060	.239	.148	.005 - .010	.246	.181	.005 - .030
.214	.089	.010 - .020	.219	.156	.010 - .020	.225	.150	.005 - .010	.234	.121	.005 - .020	.239	.161	.030 - .050	.246	.197	.015 - .025
.214	.098	.010 - .020	.219	.161	.005 - .035	.225	.164	.005 - .010	.234	.126	.015 - .025	.239	.163	.030 - .040	.247	.051	.010 - .020
.214	.100	.015 - .025	.219	.171	.005 - .010	.226	.051	.005 - .010	.234	.128	.015 - .030	.239	.181	.005 - .010	.247	.063	.030 - .050
.214	.109	.020 - .030	.219	.173	.005 - .010	.226	.087	.005 - .010	.234	.129	.005 - .010	.239	.190	.005 - .015	.247	.080	.010 - .040
.214	.126	.005 - .010	.220	.040	.005 - .020	.226	.098	.015 - .050	.234	.134	.020 - .030	.240	.024	.005 - .010	.247	.090	.020 - .030
.214	.163	.010 - .020	.220	.051	.025 - .035	.226	.108	.020 - .030	.234	.135	.030 - .050	.240	.072	.005 - .010	.247	.091	.030 - .050
.214	.166	.005 - .010	.220	.063	.010 - .020	.226	.114	.025 - .040	.234	.138	.010 - .020	.240	.090	.020 - .030	.247	.095	.040 - .060
.214	.169	.010 - .015	.220	.065	.020 - .032	.226	.129	.005 - .030	.234	.140	.005 - .010	.240	.102	.010 - .020	.247	.097	.005 - .020
.214	.180	.005 - .010	.220	.069	.005 - .010	.226	.175	.005 - .010	.234	.142	.035 - .050	.240	.105	.010 - .020	.247	.100	.005 - .010
.215	.034	.010 - .030	.220	.070	.020 - .030	.226	.193	.005 - .010	.234	.192	.010 - .020	.240	.108	.025 - .040	.247	.118	.005 - .020
.215	.063	.005 - .010	.220	.090	.005 - .010	.227	.050	.010 - .020	.235	.048	.005 - .010	.240	.109	.005 - .010	.247	.119	.025 - .040
.215	.073	.030 - .040	.220	.091	.005 - .040	.227	.127	.005 - .010	.235	.068	.010 - .050	.240	.125	.025 - .060	.247	.125	.010 - .032
.215	.088	.010 - .015	.220	.099	.005 - .010	.227	.153	.020 - .032	.235	.086	.020 - .030	.240	.131	.005 - .010	.247	.126	.023 - .032
.215	.090	.042 - .062	.220	.106	.005 - .015	.228	.051	.020 - .030	.235	.088	.020 - .030	.240	.135	.005 - .030	.247	.127	.025 - .042
.215	.091	.010 - .025	.220	.108	.010 - .020	.228	.091	.005 - .010	.235	.090	.005 - .010	.240	.136	.005 - .010	.247	.132	.020 - .030
.215	.100	.010 - .050	.220	.109	.005 - .010	.228	.096	.010 - .020	.235	.099	.005 - .010	.240	.139	.005 - .010	.247	.138	.005 - .010
.215	.104	.010 - .020	.220	.113	.032 - .048	.228	.106	.020 - .035	.235	.102	.015 - .030	.240	.151	.005 - .010	.247	.140	.005 - .010
.215	.106	.005 - .015	.220	.114	.010 - .020	.228	.118	.010 - .050	.235	.108	.030 - .050	.240	.160	.015 - .040	.247	.141	.020 - .032
.215	.112	.020 - .040	.220	.117	.025 - .042	.228	.121	.010 - .020	.235	.114	.010 - .030	.240	.188	.005 - .010	.247	.144	.005 - .010
.215	.123	.015 - .035	.220	.122	.025 - .040	.228	.129	.020 - .030	.235	.126	.030 - .050	.241	.103	.005 - .010	.247	.147	.005 - .010
.215	.127	.005 - .012	.220	.125	.020 - .030	.228	.131	.015 - .030	.235	.130	.015 - .030	.241	.119	.020 - .035	.247	.150	.010 - .020
.215	.137	.010 - .015	.220	.127	.025 - .048	.228	.148	.005 - .010	.235	.131	.025 - .040	.241	.128	.015 - .030	.247	.158	.030 - .040
.215	.138	.020 - .030	.220	.128	.005 - .050	.228	.167	.005 - .010	.235	.134	.020 - .035	.241	.148	.005 - .010	.247	.159	.010 - .020
.215	.144	.030 - .050	.220	.129	.020 - .035	.229	.096	.010 - .020	.235	.138	.015 - .025	.241	.162	.005 - .010	.247	.164	.005 - .010
.215	.162	.005 - .010	.220	.140	.010 - .020	.229	.139	.015 - .025	.235	.139	.025 - .040	.241	.180	.005 - .010	.247	.169	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.248	.087	.005 - .015	.250	.120	.030 - .050	.252	.146	.008 - .016	.261	.111	.030 - .050	.269	.158	.010 - .020	.275	.170	.032 - .048
.248	.089	.020 - .035	.250	.122	.005 - .060	.252	.159	.025 - .040	.261	.201	.005 - .010	.269	.160	.015 - .030	.275	.180	.020 - .040
.248	.091	.030 - .040	.250	.124	.010 - .032	.252	.191	.010 - .040	.261	.206	.005 - .010	.269	.161	.048 - .062	.275	.189	.030 - .050
.248	.092	.005 - .015	.250	.125	.010 - .050	.252	.195	.012 - .020	.262	.062	.020 - .030	.269	.179	.025 - .040	.275	.190	.005 - .010
.248	.093	.005 - .030	.250	.126	.005 - .020	.252	.197	.020 - .030	.262	.117	.015 - .030	.269	.190	.005 - .010	.275	.192	.005 - .010
.248	.094	.040 - .060	.250	.127	.007 - .050	.252	.205	.005 - .010	.262	.129	.005 - .010	.269	.213	.005 - .010	.275	.200	.005 - .010
.248	.098	.005 - .010	.250	.128	.005 - .062	.253	.048	.040 - .050	.262	.142	.005 - .010	.270	.079	.005 - .010	.275	.203	.030 - .050
.248	.100	.015 - .030	.250	.129	.010 - .050	.253	.053	.010 - .020	.262	.156	.015 - .030	.270	.096	.005 - .025	.275	.242	.010 - .020
.248	.106	.060 - .080	.250	.130	.005 - .042	.253	.056	.025 - .040	.262	.178	.015 - .030	.270	.099	.020 - .030	.276	.039	.015 - .030
.248	.118	.015 - .032	.250	.131	.005 - .060	.253	.096	.025 - .040	.262	.188	.025 - .040	.270	.109	.015 - .030	.276	.081	.005 - .010
.248	.120	.025 - .040	.250	.132	.032 - .052	.253	.115	.005 - .012	.262	.192	.020 - .030	.270	.113	.005 - .010	.276	.091	.015 - .025
.248	.122	.015 - .032	.250	.134	.005 - .010	.253	.116	.005 - .012	.262	.199	.020 - .040	.270	.130	.040 - .060	.276	.109	.015 - .040
.248	.123	.020 - .030	.250	.135	.030 - .048	.253	.125	.040 - .060	.263	.061	.005 - .010	.270	.132	.025 - .035	.276	.112	.030 - .050
.248	.128	.005 - .040	.250	.136	.005 - .010	.253	.127	.020 - .030	.263	.091	.025 - .040	.270	.135	.031 - .042	.276	.114	.040 - .060
.248	.129	.030 - .050	.250	.140	.005 - .060	.253	.132	.025 - .040	.263	.129	.005 - .020	.270	.148	.010 - .020	.276	.122	.008 - .016
.248	.130	.005 - .010	.250	.146	.010 - .020	.253	.145	.025 - .040	.263	.158	.030 - .050	.270	.160	.005 - .010	.276	.126	.020 - .030
.248	.133	.015 - .030	.250	.147	.005 - .050	.253	.151	.005 - .010	.263	.191	.005 - .010	.270	.180	.005 - .010	.276	.133	.005 - .010
.248	.135	.015 - .025	.250	.150	.005 - .015	.253	.166	.020 - .040	.263	.193	.005 - .010	.270	.207	.005 - .010	.276	.141	.040 - .060
.248	.152	.030 - .050	.250	.153	.010 - .020	.253	.190	.020 - .040	.263	.195	.005 - .010	.270	.210	.020 - .040	.276	.142	.005 - .010
.248	.155	.005 - .010	.250	.154	.015 - .025	.253	.191	.020 - .040	.263	.199	.010 - .025	.271	.127	.015 - .025	.276	.143	.015 - .030
.248	.158	.025 - .042	.250	.157	.025 - .040	.253	.192	.005 - .010	.264	.108	.025 - .040	.271	.130	.008 - .015	.276	.146	.005 - .015
.248	.176	.010 - .020	.250	.158	.015 - .030	.253	.197	.005 - .010	.264	.139	.015 - .025	.271	.138	.005 - .040	.276	.153	.020 - .035
.248	.208	.010 - .020	.250	.159	.020 - .036	.254	.051	.030 - .050	.264	.147	.005 - .010	.271	.146	.005 - .010	.276	.159	.030 - .050
.249	.075	.015 - .030	.250	.161	.005 - .010	.254	.117	.010 - .020	.264	.162	.025 - .040	.271	.175	.030 - .050	.276	.161	.005 - .015
.249	.100	.020 - .032	.250	.162	.032 - .042	.254	.127	.025 - .040	.264	.168	.015 - .025	.271	.190	.015 - .025	.276	.162	.010 - .020
.249	.103	.005 - .010	.250	.164	.010 - .020	.254	.159	.005 - .010	.264	.174	.050 - .060	.271	.199	.015 - .025	.276	.167	.005 - .010
.249	.112	.010 - .018	.250	.165	.010 - .020	.254	.160	.025 - .042	.264	.240	.005 - .010	.271	.221	.020 - .030	.276	.190	.020 - .040
.249	.116	.020 - .040	.250	.166	.005 - .012	.254	.194	.025 - .042	.265	.093	.060 - .080	.272	.032	.010 - .020	.276	.192	.015 - .040
.249	.121	.015 - .025	.250	.167	.010 - .045	.254	.201	.005 - .010	.265	.101	.020 - .040	.272	.093	.025 - .042	.276	.196	.005 - .010
.249	.123	.015 - .030	.250	.172	.005 - .010	.254	.205	.005 - .010	.265	.115	.040 - .050	.272	.095	.015 - .030	.276	.200	.010 - .020
.249	.124	.005 - .010	.250	.173	.025 - .040	.255	.097	.005 - .010	.265	.122	.020 - .040	.272	.120	.005 - .010	.276	.209	.010 - .020
.249	.127	.010 - .050	.250	.175	.005 - .010	.255	.101	.030 - .050	.265	.125	.005 - .010	.272	.121	.020 - .040	.277	.039	.030 - .040
.249	.128	.020 - .035	.250	.176	.025 - .040	.255	.105	.025 - .040	.265	.126	.020 - .040	.272	.132	.015 - .030	.277	.088	.005 - .010
.249	.135	.005 - .010	.250	.183	.020 - .040	.255	.109	.010 - .020	.265	.129	.005 - .010	.272	.156	.030 - .048	.277	.092	.010 - .020
.249	.137	.025 - .050	.250	.186	.010 - .020	.255	.135	.015 - .030	.265	.141	.005 - .010	.272	.169	.032 - .042	.277	.108	.005 - .010
.249	.139	.005 - .040	.250	.189	.010 - .020	.255	.136	.005 - .010	.265	.143	.040 - .062	.272	.192	.015 - .032	.277	.126	.005 - .010
.249	.143	.015 - .030	.250	.190	.010 - .020	.255	.149	.040 - .050	.265	.153	.005 - .010	.272	.194	.010 - .020	.277	.127	.005 - .008
.249	.144	.030 - .050	.250	.191	.010 - .020	.255	.164	.035 - .050	.265	.160	.005 - .010	.272	.220	.005 - .010	.277	.129	.050 - .070
.249	.152	.005 - .010	.250	.192	.025 - .030	.255	.167	.005 - .010	.265	.161	.010 - .030	.273	.104	.005 - .010	.277	.132	.015 - .025
.249	.158	.020 - .030	.251	.036	.010 - .020	.255	.195	.040 - .060	.265	.166	.010 - .015	.273	.108	.015 - .030	.277	.140	.020 - .030
.249	.160	.020 - .040	.251	.057	.005 - .012	.256	.119	.040 - .060	.265	.183	.025 - .040	.273	.118	.015 - .030	.277	.143	.005 - .010
.249	.170	.025 - .040	.251	.059	.005 - .010	.256	.164	.025 - .042	.265	.189	.005 - .010	.273	.135	.020 - .040	.277	.146	.050 - .070
.249	.172	.010 - .020	.251	.063	.025 - .040	.257	.067	.015 - .030	.266	.082	.015 - .030	.273	.141	.015 - .025	.277	.161	.015 - .030
.249	.186	.005 - .010	.251	.074	.025 - .050	.257	.078	.025 - .040	.266	.090	.005 - .010	.273	.144	.005 - .010	.277	.163	.015 - .025
.249	.189	.015 - .032	.251	.076	.005 - .010	.257	.095	.005 - .010	.266	.106	.005 - .010	.273	.148	.005 - .010	.277	.166	.005 - .008
.249	.190	.005 - .008	.251	.093	.005 - .010	.257	.191	.010 - .020	.266	.110	.010 - .020	.273	.149	.020 - .030	.277	.170	.015 - .030
.249	.193	.008 - .012	.251	.101	.025 - .040	.257	.213	.005 - .010	.266	.121	.020 - .040	.273	.163	.020 - .040	.277	.195	.005 - .010
.250			.251	.108	.020 - .040	.258	.067	.015 - .030	.266	.123	.031 - .048	.273	.167	.005 - .010	.277	.201	.010 - .020
			.251	.113	.030 - .050	.258	.095	.015 - .025	.266	.131	.036 - .060	.273	.173	.005 - .010	.278	.058	.010 - .020
			.251	.115	.040 - .060	.258	.149	.005 - .010	.266	.134	.025 - .040	.273	.203	.020 - .030	.278	.087	.005 - .010
			.251	.122	.035 - .050	.258	.154	.005 - .010	.266	.168	.025 - .040	.274	.032	.005 - .010	.278	.103	.005 - .010
			.251	.125	.010 - .020	.258	.163	.015 - .030	.266	.171	.020 - .035	.274	.052	.005 - .010	.278	.111	.005 - .010
			.251	.127	.010 - .025	.258	.169	.020 - .030	.266	.179	.020 - .030	.274	.093	.005 - .040	.278	.135	.040 - .062
			.251	.130	.015 - .030	.258	.177	.005 - .015	.266	.185	.015 - .025	.274	.095	.005 - .010	.278	.141	.010 - .020
			.251	.131	.005 - .050	.258	.201	.010 - .020	.266	.202	.005 - .010	.274	.121	.005 - .010	.278	.142	.025 - .040
			.251	.136	.005 - .010	.259	.116	.005 - .010	.266	.218	.005 - .010	.274	.127	.030 - .060	.278	.145	.005 - .010
			.251	.138	.005 - .010	.259	.160	.005 - .010	.267	.059	.010 - .020	.274	.132	.025 - .035	.278	.151	.005 - .030
.250	.044	.005 - .015	.251	.145	.015 - .048	.259	.213	.005 - .010	.267	.100	.030 - .050	.274	.170	.030 - .050	.278	.155	.005 - .010
.250	.052	.005 - .012	.251	.146	.015 - .030	.260	.065	.010 - .020	.267	.125	.005 - .010	.274	.172	.040 - .060	.278	.183	.005 - .010
.250	.063	.005 - .010	.251	.149	.040 - .050	.260	.089	.010 - .020	.267	.140	.015 - .030	.274	.174	.035 - .050	.278	.190	.005 - .010
.250	.072	.005 - .012	.251	.151	.025 - .040	.260	.108	.015 - .030	.267	.143	.010 - .025	.274	.175	.040 - .050	.278	.191	.015 - .032
.250	.077	.012 - .025	.251	.157	.040 - .060	.260	.113	.015 - .030	.267	.144	.020 - .030	.274	.191	.005 - .020	.278	.224	.010 - .020
.250	.082	.005 - .010	.251	.158	.005 - .015	.260	.120	.020 - .060	.267	.168	.005 - .010	.274	.211	.005 - .010	.278	.236	.005 - .010
.250	.083	.015 - .020	.251	.160	.005 - .010	.260	.121	.007 - .015	.267	.170	.030 - .050	.274	.237	.005 - .010	.279	.045	.005 - .015
.250	.085	.005 - .030	.251	.162	.025 - .042	.260	.128	.040 - .060	.267	.178	.025 - .040	.275	.071	.010 - .020	.279	.103	.005 - .010
.250	.091	.020 - .030	.251	.187	.010 - .020	.260	.129	.025 - .040	.267	.189	.010 - .020	.275	.079	.010 - .020	.279	.116	.010 - .020
.250	.093	.062 - .083	.251	.188	.005 - .008	.260	.144	.020 - .040	.267	.190	.005 - .008	.275	.081	.020 - .040	.279	.129	.010 - .015
.250	.094	.005 - .025	.251	.190	.005 - .015	.260	.148	.005 - .012	.267	.205	.015 - .030	.275	.089	.030 - .050	.279	.139	.032 - .048

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.280	.105	.015 - .032	.284	.200	.010 - .020	.292	.197	.040 - .050	.300	.074	.005 - .010	.303	.225	.005 - .010	.309	.147	.010 - .020
.280	.115	.015 - .030	.284	.212	.005 - .010	.292	.236	.005 - .010	.300	.081	.005 - .010	.303	.234	.005 - .010	.309	.159	.005 - .030
.280	.118	.010 - .020	.285	.079	.005 - .010	.293	.034	.015 - .025	.300	.095	.010 - .020	.303	.240	.020 - .030	.309	.160	.005 - .010
.280	.122	.025 - .048	.285	.088	.005 - .010	.293	.124	.010 - .020	.300	.097	.016 - .090	.303	.251	.010 - .020	.309	.161	.040 - .062
.280	.126	.020 - .030	.285	.107	.020 - .032	.293	.129	.005 - .010	.300	.100	.005 - .015	.304	.083	.025 - .040	.309	.172	.020 - .035
.280	.127	.005 - .010	.285	.115	.015 - .030	.293	.147	.005 - .010	.300	.116	.020 - .040	.304	.163	.010 - .020	.309	.176	.020 - .030
.280	.128	.010 - .032	.285	.117	.010 - .020	.293	.170	.010 - .020	.300	.117	.025 - .040	.304	.174	.005 - .010	.309	.191	.030 - .050
.280	.133	.020 - .040	.285	.127	.010 - .035	.293	.188	.030 - .050	.300	.119	.005 - .010	.304	.200	.010 - .020	.309	.194	.025 - .040
.280	.134	.005 - .010	.285	.128	.010 - .035	.293	.192	.040 - .050	.300	.128	.005 - .060	.304	.213	.010 - .020	.309	.195	.050 - .070
.280	.135	.020 - .035	.285	.131	.005 - .010	.293	.219	.005 - .010	.300	.130	.030 - .050	.304	.217	.030 - .050	.309	.202	.030 - .050
.280	.145	.032 - .050	.285	.147	.030 - .050	.294	.086	.015 - .030	.300	.135	.005 - .010	.304	.241	.010 - .020	.309	.210	.010 - .020
.280	.148	.005 - .010	.285	.161	.005 - .010	.294	.089	.015 - .030	.300	.138	.020 - .060	.304	.245	.015 - .020	.309	.247	.005 - .010
.280	.155	.025 - .045	.285	.165	.015 - .030	.294	.122	.015 - .030	.300	.144	.015 - .030	.304	.250	.020 - .030	.309	.251	.015 - .030
.280	.156	.040 - .060	.285	.175	.025 - .048	.294	.126	.015 - .030	.300	.145	.005 - .012	.305	.087	.025 - .040	.309	.254	.010 - .030
.280	.161	.015 - .030	.285	.192	.020 - .035	.294	.177	.040 - .060	.300	.157	.020 - .030	.305	.105	.030 - .050	.309	.255	.015 - .030
.280	.169	.005 - .015	.285	.194	.005 - .010	.294	.187	.030 - .050	.300	.162	.025 - .040	.305	.125	.005 - .010	.310	.047	.025 - .035
.280	.193	.010 - .015	.285	.204	.010 - .020	.294	.192	.005 - .012	.300	.166	.005 - .010	.305	.129	.010 - .020	.310	.060	.010 - .025
.280	.201	.005 - .020	.285	.207	.020 - .030	.294	.224	.005 - .010	.300	.167	.030 - .042	.305	.140	.032 - .060	.310	.071	.005 - .010
.280	.202	.025 - .040	.285	.239	.010 - .015	.295	.079	.050 - .060	.300	.169	.015 - .030	.305	.152	.015 - .030	.310	.076	.020 - .040
.280	.217	.020 - .030	.286	.125	.032 - .048	.295	.106	.008 - .016	.300	.175	.025 - .040	.305	.156	.010 - .020	.310	.088	.015 - .025
.280	.236	.010 - .032	.286	.150	.032 - .050	.295	.127	.025 - .040	.300	.176	.005 - .010	.305	.160	.025 - .040	.310	.090	.012 - .025
.281	.052	.010 - .020	.286	.163	.005 - .010	.295	.130	.010 - .040	.300	.177	.010 - .020	.305	.162	.015 - .030	.310	.093	.025 - .040
.281	.067	.032 - .050	.286	.170	.010 - .020	.295	.138	.015 - .030	.300	.180	.015 - .025	.305	.169	.025 - .040	.310	.095	.025 - .035
.281	.094	.040 - .060	.286	.186	.010 - .020	.295	.148	.030 - .040	.300	.182	.005 - .010	.305	.188	.010 - .020	.310	.096	.005 - .010
.281	.096	.005 - .010	.286	.188	.005 - .010	.295	.162	.020 - .040	.300	.185	.010 - .020	.305	.197	.005 - .010	.310	.102	.015 - .030
.281	.112	.040 - .050	.286	.195	.005 - .010	.295	.167	.025 - .040	.300	.192	.005 - .010	.305	.204	.025 - .048	.310	.104	.020 - .040
.281	.117	.025 - .040	.286	.211	.005 - .010	.295	.169	.005 - .010	.300	.192	.030 - .050	.305	.205	.025 - .042	.310	.106	.025 - .050
.281	.122	.010 - .020	.287	.118	.005 - .010	.295	.170	.040 - .050	.300	.200	.005 - .010	.305	.221	.005 - .010	.310	.116	.030 - .040
.281	.126	.005 - .010	.287	.183	.005 - .010	.295	.173	.030 - .050	.300	.203	.010 - .020	.305	.225	.010 - .020	.310	.119	.025 - .050
.281	.132	.005 - .010	.287	.195	.006 - .012	.295	.174	.020 - .032	.300	.216	.016 - .025	.306	.045	.010 - .025	.310	.120	.030 - .060
.281	.134	.040 - .060	.287	.196	.005 - .020	.295	.177	.010 - .020	.300	.220	.015 - .025	.306	.127	.025 - .040	.310	.122	.025 - .035
.281	.142	.010 - .030	.288	.128	.030 - .050	.295	.179	.050 - .060	.300	.230	.010 - .020	.306	.138	.020 - .040	.310	.124	.005 - .010
.281	.143	.005 - .010	.288	.131	.025 - .040	.295	.187	.005 - .010	.300	.248	.015 - .030	.306	.140	.005 - .010	.310	.127	.020 - .075
.281	.156	.005 - .010	.288	.197	.015 - .030	.295	.192	.005 - .040	.300	.260	.005 - .012	.306	.164	.010 - .020	.310	.130	.030 - .050
.281	.159	.015 - .030	.289	.037	.020 - .030	.295	.193	.015 - .030	.301	.109	.025 - .040	.306	.190	.015 - .030	.310	.132	.015 - .030
.281	.162	.010 - .050	.289	.046	.005 - .010	.295	.195	.005 - .010	.301	.127	.015 - .025	.306	.194	.030 - .050	.310	.134	.015 - .030
.281	.170	.016 - .032	.289	.084	.005 - .010	.295	.199	.020 - .030	.301	.128	.010 - .020	.306	.203	.005 - .015	.310	.140	.015 - .025
.281	.173	.005 - .010	.289	.090	.075 - .090	.295	.210	.010 - .020	.301	.130	.015 - .030	.306	.228	.005 - .010	.310	.147	.005 - .010
.281	.185	.015 - .030	.289	.091	.060 - .075	.296	.119	.015 - .060	.301	.132	.005 - .010	.306	.228	.016 - .025	.310	.152	.015 - .025
.281	.186	.005 - .010	.289	.123	.005 - .010	.296	.120	.020 - .030	.301	.142	.060 - .080	.306	.243	.005 - .010	.310	.155	.030 - .042
.281	.187	.015 - .030	.289	.126	.005 - .030	.296	.122	.005 - .010	.301	.144	.020 - .040	.307	.080	.005 - .010	.310	.158	.050 - .070
.282	.082	.030 - .040	.289	.175	.025 - .040	.296	.130	.030 - .050	.301	.146	.005 - .010	.307	.081	.060 - .080	.310	.161	.005 - .010
.282	.089	.075 - .093	.289	.189	.040 - .050	.296	.144	.025 - .040	.301	.152	.020 - .030	.307	.095	.020 - .040	.310	.162	.030 - .040
.282	.096	.015 - .025	.289	.192	.010 - .020	.296	.173	.005 - .010	.301	.161	.025 - .040	.307	.130	.080 - .100	.310	.171	.010 - .020
.282	.123	.005 - .015	.289	.193	.040 - .060	.296	.188	.015 - .030	.301	.165	.005 - .015	.307	.143	.025 - .080	.310	.174	.010 - .020
.282	.126	.015 - .025	.289	.200	.005 - .010	.296	.189	.015 - .030	.301	.167	.040 - .060	.307	.159	.030 - .050	.310	.188	.030 - .050
.282	.127	.040 - .060	.290	.081	.020 - .040	.296	.190	.015 - .025	.301	.168	.040 - .060	.307	.161	.005 - .010	.310	.189	.010 - .020
.282	.130	.005 - .010	.290	.091	.030 - .050	.296	.198	.025 - .042	.301	.185	.020 - .030	.307	.166	.005 - .010	.310	.190	.012 - .025
.282	.131	.030 - .050	.290	.103	.005 - .010	.296	.215	.010 - .020	.301	.188	.020 - .040	.307	.169	.020 - .030	.310	.191	.005 - .010
.282	.173	.025 - .040	.290	.126	.005 - .030	.296	.258	.005 - .015	.301	.192	.005 - .020	.307	.174	.005 - .010	.310	.193	.025 - .040
.282	.176	.005 - .010	.290	.128	.015 - .030	.297	.062	.010 - .025	.301	.203	.015 - .030	.307	.177	.015 - .025	.310	.195	.005 - .010
.282	.180	.025 - .040	.290	.130	.030 - .050	.297	.086	.005 - .010	.301	.215	.005 - .010	.307	.182	.010 - .020	.310	.199	.030 - .050
.282	.184	.006 - .016	.290	.137	.010 - .020	.297	.120	.050 - .070	.301	.225	.005 - .050	.307	.189	.005 - .020	.310	.201	.032 - .050
.282	.187	.040 - .050	.290	.139	.005 - .010	.297	.135	.020 - .035	.301	.245	.005 - .010	.307	.203	.025 - .042	.310	.213	.030 - .050
.282	.191	.025 - .040	.290	.151	.032 - .042	.297	.159	.030 - .050	.301	.252	.010 - .020	.307	.204	.025 - .040	.310	.214	.010 - .020
.282	.197	.010 - .020	.290	.170	.010 - .020	.297	.191	.005 - .020	.301	.255	.010 - .016	.307	.207	.005 - .010	.310	.232	.005 - .010
.282	.223	.007 - .015	.290	.199	.015 - .030	.297	.203	.020 - .040	.301	.268	.005 - .010	.307	.254	.010 - .020	.310	.235	.005 - .010
.283	.095	.005 - .010	.290	.201	.030 - .040	.297	.209	.005 - .010	.302	.125	.070 - .090	.308	.043	.005 - .012	.310	.242	.010 - .040
.283	.096	.015 - .030	.290	.209	.025 - .040	.297	.255	.005 - .010	.302	.130	.050 - .070	.308	.099	.010 - .020	.310	.250	.005 - .020
.283	.098	.032 - .062	.291	.027	.005 - .010	.298	.062	.010 - .020	.302	.131	.040 - .060	.308	.108	.005 - .015	.310	.254	.015 - .030
.283	.111	.010 - .020	.291	.032	.010 - .020	.298	.139	.005 - .010	.302	.141	.005 - .010	.308	.121	.015 - .030	.310	.255	.005 - .020
.283	.140	.025 - .042	.291	.078	.015 - .030	.298	.153	.030 - .050	.302	.151	.005 - .010	.308	.131	.005 - .010	.310	.256	.010 - .020
.283	.143	.010 - .015	.291	.125	.040 - .060	.298	.155	.005 - .010	.302	.161	.005 - .010	.308	.136	.005 - .010	.310	.257	.005 - .030
.283	.165	.008 - .015	.291	.159	.040 - .060	.298	.156	.020 - .040	.302	.167	.035 - .050	.308	.140	.005 - .015	.310	.258	.005 - .010
.283	.166	.005 - .010	.291	.176	.020 - .040	.298	.158	.008 - .016	.302	.168	.015 - .025	.308	.143	.015 - .030	.310	.260	.005 - .010
.283	.168	.025 - .040	.291	.184	.008 - .015	.298	.161	.025 - .040	.302	.172	.015 - .025	.308	.145	.020 - .030	.311	.068	.005 - .010
.283	.173	.030 - .040	.291	.190	.025 - .050	.298	.164	.030 - .050	.302	.190	.005 - .040	.308	.148	.030 - .050	.311	.103	.005 - .010
.283	.184	.005 - .010	.291	.195	.005 - .010	.298	.180	.015 - .030	.302	.198	.005 - .010	.308	.175	.040 - .060	.311	.118	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.311	.166	.040 -.062	.312	.251	.005 -.010	.315	.157	.005 -.015	.321	.077	.020 -.030	.328	.197	.025 -.040	.334	.295	.010 -.015
.311	.167	.005 -.015	.312	.252	.025 -.042	.315	.160	.005 -.010	.321	.120	.080 -.100	.328	.200	.005 -.015	.335	.034	.010 -.020
.311	.177	.005 -.010	.312	.254	.015 -.030	.315	.162	.020 -.030	.321	.135	.020 -.035	.328	.214	.010 -.032	.335	.129	.015 -.025
.311	.183	.042 -.062	.313	.062	.005 -.010	.315	.163	.005 -.010	.321	.147	.010 -.020	.328	.219	.030 -.050	.335	.159	.060 -.075
.311	.187	.025 -.042	.313	.082	.005 -.010	.315	.167	.020 -.040	.321	.203	.005 -.010	.328	.222	.010 -.025	.335	.169	.015 -.030
.311	.188	.005 -.050	.313	.096	.075 -.090	.315	.170	.020 -.040	.321	.226	.010 -.020	.328	.225	.005 -.040	.335	.172	.010 -.020
.311	.190	.015 -.030	.313	.100	.008 -.042	.315	.181	.005 -.010	.321	.253	.020 -.030	.328	.245	.007 -.016	.335	.196	.025 -.040
.311	.191	.008 -.040	.313	.101	.040 -.060	.315	.190	.005 -.010	.322	.050	.005 -.010	.328	.252	.020 -.031	.335	.200	.020 -.040
.311	.195	.005 -.010	.313	.105	.008 -.020	.315	.195	.040 -.060	.322	.128	.010 -.020	.328	.253	.005 -.010	.335	.204	.005 -.040
.311	.204	.005 -.020	.313	.110	.008 -.015	.315	.223	.030 -.050	.322	.145	.015 -.030	.328	.256	.010 -.020	.335	.215	.030 -.050
.311	.215	.005 -.010	.313	.120	.005 -.010	.315	.224	.005 -.010	.322	.206	.005 -.010	.328	.260	.020 -.040	.335	.235	.010 -.020
.311	.217	.020 -.040	.313	.123	.050 -.070	.315	.237	.005 -.010	.322	.224	.010 -.020	.328	.273	.005 -.010	.335	.257	.010 -.030
.311	.219	.020 -.035	.313	.126	.020 -.040	.315	.238	.010 -.020	.322	.228	.025 -.040	.329	.030	.010 -.020	.335	.258	.005 -.010
.311	.231	.025 -.040	.313	.129	.005 -.010	.315	.240	.005 -.010	.322	.241	.010 -.020	.329	.100	.025 -.040	.335	.259	.005 -.015
.311	.238	.005 -.010	.313	.130	.025 -.040	.315	.244	.020 -.035	.322	.242	.025 -.040	.329	.108	.005 -.010	.336	.045	.005 -.010
.312	.039	.005 -.012	.313	.133	.015 -.030	.315	.250	.005 -.020	.322	.287	.010 -.020	.329	.111	.010 -.020	.336	.048	.005 -.010
.312	.045	.025 -.035	.313	.135	.030 -.050	.316	.098	.030 -.050	.323	.094	.010 -.020	.329	.132	.005 -.010	.336	.117	.040 -.060
.312	.054	.005 -.010	.313	.138	.025 -.040	.316	.105	.025 -.048	.323	.099	.020 -.040	.329	.206	.005 -.010	.336	.118	.040 -.060
.312	.062	.015 -.030	.313	.140	.020 -.060	.316	.124	.060 -.075	.323	.124	.005 -.010	.329	.209	.030 -.050	.336	.138	.005 -.048
.312	.066	.010 -.020	.313	.147	.030 -.050	.316	.134	.005 -.010	.323	.130	.025 -.042	.329	.221	.005 -.010	.336	.191	.030 -.050
.312	.072	.005 -.010	.313	.151	.005 -.010	.316	.138	.020 -.040	.323	.160	.005 -.025	.329	.245	.020 -.040	.336	.197	.005 -.010
.312	.073	.015 -.025	.313	.156	.040 -.050	.316	.140	.005 -.010	.323	.166	.020 -.030	.329	.253	.005 -.010	.336	.218	.005 -.010
.312	.090	.025 -.050	.313	.157	.005 -.010	.316	.153	.005 -.010	.323	.171	.015 -.030	.329	.288	.005 -.010	.336	.230	.010 -.020
.312	.093	.005 -.062	.313	.158	.015 -.030	.316	.157	.005 -.010	.323	.180	.042 -.090	.330	.093	.005 -.010	.336	.257	.020 -.040
.312	.094	.020 -.030	.313	.160	.006 -.030	.316	.167	.005 -.010	.323	.196	.005 -.010	.330	.124	.020 -.032	.336	.270	.005 -.010
.312	.095	.032 -.042	.313	.162	.005 -.010	.316	.180	.020 -.030	.323	.200	.020 -.032	.330	.140	.042 -.062	.336	.275	.005 -.010
.312	.096	.015 -.025	.313	.170	.040 -.070	.316	.198	.010 -.020	.323	.211	.020 -.030	.330	.143	.020 -.040	.336	.306	.005 -.010
.312	.098	.060 -.070	.313	.173	.025 -.050	.316	.199	.030 -.050	.323	.213	.005 -.010	.330	.151	.020 -.040	.337	.129	.005 -.012
.312	.099	.010 -.020	.313	.179	.005 -.025	.316	.200	.005 -.010	.323	.223	.005 -.010	.330	.193	.005 -.010	.337	.165	.015 -.025
.312	.100	.050 -.060	.313	.185	.005 -.010	.316	.201	.005 -.050	.324	.035	.005 -.010	.330	.205	.040 -.060	.337	.182	.005 -.010
.312	.104	.005 -.008	.313	.187	.005 -.010	.316	.207	.005 -.010	.324	.099	.005 -.010	.330	.206	.005 -.015	.337	.252	.020 -.030
.312	.105	.015 -.025	.313	.190	.010 -.015	.316	.209	.005 -.010	.324	.126	.020 -.040	.330	.217	.005 -.010	.337	.253	.005 -.010
.312	.112	.010 -.020	.313	.200	.010 -.020	.316	.239	.005 -.010	.324	.145	.010 -.020	.330	.229	.025 -.040	.337	.277	.015 -.030
.312	.116	.005 -.010	.313	.206	.030 -.050	.316	.252	.005 -.010	.324	.162	.060 -.080	.330	.250	.005 -.010	.337	.285	.015 -.030
.312	.122	.015 -.030	.313	.207	.020 -.040	.316	.255	.006 -.010	.324	.165	.060 -.080	.330	.251	.005 -.020	.338	.115	.005 -.010
.312	.126	.005 -.090	.313	.208	.005 -.010	.317	.095	.008 -.020	.324	.190	.005 -.010	.330	.253	.020 -.040	.338	.168	.072 -.090
.312	.127	.010 -.020	.313	.224	.020 -.040	.317	.100	.006 -.030	.324	.200	.010 -.020	.330	.257	.020 -.036	.338	.170	.010 -.030
.312	.128	.020 -.040	.313	.230	.005 -.015	.317	.114	.005 -.010	.324	.204	.040 -.060	.330	.261	.005 -.010	.338	.201	.050 -.060
.312	.129	.010 -.030	.313	.232	.005 -.015	.317	.132	.005 -.010	.324	.206	.040 -.060	.331	.067	.010 -.025	.338	.238	.005 -.010
.312	.130	.005 -.015	.313	.242	.005 -.010	.317	.148	.050 -.070	.324	.207	.020 -.030	.331	.068	.005 -.010	.338	.251	.015 -.030
.312	.132	.010 -.025	.313	.253	.020 -.030	.317	.179	.005 -.010	.324	.242	.025 -.042	.331	.124	.020 -.030	.338	.253	.010 -.020
.312	.134	.010 -.015	.313	.255	.015 -.025	.317	.205	.010 -.020	.324	.254	.005 -.010	.331	.129	.005 -.010	.339	.150	.010 -.020
.312	.139	.005 -.008	.314	.039	.010 -.020	.317	.229	.005 -.010	.325	.118	.005 -.010	.331	.140	.030 -.050	.339	.151	.005 -.010
.312	.142	.006 -.030	.314	.043	.005 -.010	.317	.240	.025 -.035	.325	.125	.015 -.025	.331	.158	.005 -.010	.339	.157	.005 -.010
.312	.143	.005 -.012	.314	.060	.005 -.010	.317	.251	.020 -.030	.325	.130	.015 -.025	.331	.161	.020 -.040	.339	.176	.020 -.040
.312	.144	.005 -.020	.314	.088	.015 -.035	.317	.281	.005 -.010	.325	.134	.005 -.010	.331	.167	.020 -.030	.339	.206	.005 -.010
.312	.146	.008 -.016	.314	.103	.025 -.045	.318	.094	.005 -.010	.325	.140	.040 -.060	.331	.196	.005 -.010	.339	.223	.005 -.010
.312	.148	.040 -.060	.314	.111	.010 -.025	.318	.097	.005 -.010	.325	.142	.008 -.018	.331	.198	.015 -.030	.340	.085	.015 -.030
.312	.150	.020 -.040	.314	.114	.032 -.050	.318	.125	.010 -.020	.325	.164	.015 -.030	.331	.200	.040 -.060	.340	.150	.015 -.025
.312	.154	.005 -.060	.314	.122	.025 -.048	.318	.132	.010 -.020	.325	.169	.005 -.010	.331	.236	.015 -.030	.340	.158	.020 -.040
.312	.156	.016 -.080	.314	.128	.005 -.015	.318	.143	.008 -.020	.325	.200	.005 -.050	.331	.237	.020 -.030	.340	.164	.030 -.060
.312	.157	.005 -.035	.314	.139	.040 -.060	.318	.159	.020 -.040	.325	.235	.005 -.010	.331	.254	.005 -.008	.340	.173	.005 -.010
.312	.158	.005 -.020	.314	.147	.015 -.030	.318	.166	.020 -.040	.325	.236	.025 -.040	.331	.279	.005 -.010	.340	.189	.012 -.020
.312	.160	.040 -.060	.314	.148	.025 -.062	.318	.174	.015 -.030	.325	.244	.015 -.025	.332	.164	.005 -.010	.340	.190	.005 -.010
.312	.165	.020 -.040	.314	.152	.035 -.050	.318	.191	.010 -.020	.325	.254	.015 -.025	.332	.175	.050 -.075	.340	.191	.025 -.050
.312	.167	.015 -.025	.314	.158	.060 -.080	.318	.198	.030 -.060	.325	.256	.005 -.010	.332	.192	.016 -.030	.340	.194	.005 -.010
.312	.171	.040 -.060	.314	.161	.040 -.060	.318	.228	.008 -.016	.326	.138	.005 -.010	.332	.203	.010 -.020	.340	.196	.020 -.040
.312	.172	.020 -.030	.314	.162	.040 -.060	.318	.237	.005 -.010	.326	.150	.030 -.050	.332	.213	.005 -.008	.340	.197	.005 -.035
.312	.173	.005 -.010	.314	.176	.030 -.050	.319	.140	.015 -.030	.326	.180	.005 -.010	.332	.236	.005 -.030	.340	.204	.036 -.050
.312	.182	.010 -.020	.314	.189	.015 -.032	.319	.146	.020 -.030	.326	.181	.005 -.010	.333	.123	.020 -.080	.340	.207	.030 -.050
.312	.188	.020 -.040	.314	.219	.030 -.050	.319	.178	.005 -.010	.326	.189	.050 -.070	.333	.173	.032 -.048	.340	.210	.030 -.050
.312	.189	.005 -.062	.314	.220	.015 -.030	.319	.228	.010 -.020	.326	.196	.005 -.010	.333	.175	.020 -.050	.340	.212	.020 -.040
.312	.190	.005 -.030	.314	.225	.015 -.025	.320	.061	.005 -.010	.326	.256	.005 -.010	.333	.212	.020 -.036	.340	.222	.025 -.062
.312	.191	.008 -.020	.314	.230	.005 -.010	.320	.067	.030 -.042	.327	.113	.025 -.042	.333	.225	.010 -.020	.340	.233	.050 -.060
.312	.192	.005 -.040	.314	.236	.005 -.010	.320	.078	.005 -.010	.327	.120	.025 -.040	.333	.257	.015 -.025	.340	.240	.030 -.050
.312	.193	.005 -.010	.314	.242	.010 -.020	.320	.084	.030 -.040	.327	.130	.030 -.050	.334	.039	.015 -.025	.340	.257	.005 -.020
.312	.194	.025 -.040	.314	.256	.010 -.020	.320	.093	.042 -.060	.327	.190	.030 -.050	.334	.040	.005 -.010	.340	.283	.015 -.025
.312	.195	.020 -.035	.315	.025	.006 -.010	.320	.113	.005 -.010	.327	.194	.010 -.020	.334	.046	.005 -.010	.341	.052	.025 -.040
.312	.199	.005 -.020	.315	.030	.005 -.015	.320	.122	.015 -.030	.327	.200	.005 -.010	.334	.122	.005 -.010	.341	.061	.005 -.010
.312	.200	.040 -.060	.315	.068	.010 -.020	.320	.124	.005 -.010	.327	.200	.015 -.030	.334	.127	.005 -.010	.341	.090	.060 -.080
.312	.204	.005 -.050	.315	.087	.02												

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.342	.118	.032 - .048	.346	.196	.005 - .010	.352	.167	.030 - .050	.357	.191	.060 - .080	.364	.120	.020 - .040	.369	.084	.030 - .040
.342	.145	.005 - .008	.346	.207	.030 - .060	.352	.168	.008 - .020	.357	.195	.060 - .080	.364	.151	.090 - .110	.369	.117	.015 - .030
.342	.156	.005 - .010	.346	.210	.040 - .060	.352	.184	.015 - .030	.357	.260	.040 - .050	.364	.181	.010 - .020	.369	.177	.050 - .070
.342	.162	.030 - .050	.346	.216	.020 - .030	.352	.191	.035 - .050	.357	.303	.010 - .020	.364	.205	.015 - .030	.369	.181	.040 - .060
.342	.164	.015 - .030	.346	.219	.010 - .020	.352	.236	.030 - .050	.357	.318	.005 - .010	.364	.210	.005 - .015	.369	.190	.005 - .015
.342	.193	.005 - .050	.346	.253	.005 - .010	.352	.240	.040 - .060	.358	.126	.025 - .040	.364	.258	.015 - .030	.369	.194	.005 - .010
.342	.198	.015 - .030	.346	.289	.005 - .010	.352	.254	.005 - .010	.358	.127	.015 - .025	.365	.046	.010 - .020	.369	.197	.005 - .010
.342	.201	.025 - .040	.347	.157	.020 - .030	.352	.255	.030 - .050	.358	.164	.020 - .040	.365	.062	.005 - .010	.369	.205	.005 - .010
.342	.206	.015 - .030	.347	.174	.030 - .050	.352	.263	.010 - .020	.358	.170	.006 - .010	.365	.098	.020 - .040	.369	.208	.025 - .040
.342	.212	.015 - .025	.347	.203	.025 - .040	.353	.062	.015 - .025	.358	.178	.030 - .050	.365	.146	.050 - .070	.369	.215	.005 - .020
.342	.255	.020 - .030	.347	.220	.015 - .030	.353	.128	.020 - .040	.358	.203	.005 - .010	.365	.178	.005 - .010	.369	.224	.005 - .010
.343	.062	.050 - .070	.347	.234	.040 - .060	.353	.143	.020 - .075	.358	.204	.020 - .030	.365	.180	.020 - .040	.369	.257	.050 - .070
.343	.087	.030 - .050	.347	.253	.016 - .025	.353	.157	.015 - .030	.358	.213	.005 - .010	.365	.189	.007 - .015	.369	.313	.005 - .010
.343	.088	.060 - .075	.347	.256	.006 - .016	.353	.158	.005 - .030	.358	.238	.025 - .040	.365	.193	.005 - .010	.369	.324	.005 - .010
.343	.092	.005 - .010	.347	.263	.005 - .010	.353	.159	.030 - .050	.358	.252	.005 - .010	.365	.200	.005 - .010	.370	.034	.020 - .025
.343	.094	.025 - .060	.347	.287	.005 - .010	.353	.172	.025 - .040	.358	.257	.010 - .020	.365	.201	.030 - .040	.370	.088	.010 - .025
.343	.097	.010 - .020	.348	.168	.020 - .040	.353	.178	.005 - .010	.359	.069	.030 - .050	.365	.208	.020 - .040	.370	.101	.005 - .020
.343	.110	.025 - .040	.348	.172	.005 - .010	.353	.190	.015 - .030	.359	.127	.025 - .040	.365	.212	.050 - .070	.370	.110	.025 - .040
.343	.116	.015 - .030	.348	.173	.010 - .042	.353	.225	.032 - .050	.359	.137	.010 - .020	.365	.226	.005 - .010	.370	.119	.005 - .010
.343	.134	.007 - .016	.348	.174	.005 - .010	.353	.226	.020 - .042	.359	.158	.010 - .020	.365	.247	.050 - .070	.370	.125	.005 - .060
.343	.138	.040 - .060	.348	.225	.025 - .042	.353	.227	.005 - .010	.359	.159	.020 - .035	.365	.250	.005 - .020	.370	.126	.005 - .010
.343	.161	.005 - .008	.348	.266	.015 - .030	.353	.232	.020 - .040	.359	.160	.040 - .060	.365	.253	.025 - .040	.370	.140	.010 - .042
.343	.167	.010 - .020	.349	.123	.010 - .020	.353	.237	.005 - .010	.359	.190	.020 - .040	.365	.254	.005 - .010	.370	.146	.025 - .048
.343	.193	.005 - .060	.349	.171	.015 - .030	.353	.242	.015 - .025	.359	.195	.030 - .050	.365	.255	.015 - .025	.370	.148	.005 - .010
.343	.194	.060 - .078	.349	.176	.010 - .015	.353	.254	.005 - .010	.359	.204	.010 - .025	.365	.257	.015 - .030	.370	.158	.010 - .020
.343	.195	.006 - .070	.349	.191	.035 - .050	.353	.281	.005 - .010	.359	.210	.025 - .042	.365	.265	.042 - .062	.370	.159	.035 - .060
.343	.196	.010 - .020	.349	.192	.015 - .030	.354	.048	.005 - .010	.359	.221	.025 - .040	.365	.268	.005 - .010	.370	.160	.070 - .080
.343	.197	.025 - .040	.349	.197	.020 - .030	.354	.052	.030 - .050	.359	.240	.005 - .010	.365	.270	.020 - .040	.370	.171	.005 - .020
.343	.217	.040 - .050	.349	.220	.015 - .030	.354	.061	.015 - .025	.359	.257	.010 - .020	.365	.307	.005 - .010	.370	.173	.020 - .040
.343	.219	.032 - .050	.349	.252	.015 - .030	.354	.070	.015 - .025	.359	.258	.020 - .040	.365	.312	.005 - .020	.370	.180	.020 - .030
.343	.225	.020 - .030	.349	.285	.020 - .030	.354	.099	.010 - .020	.359	.260	.031 - .042	.365	.315	.005 - .010	.370	.189	.020 - .040
.343	.229	.005 - .010	.349	.290	.005 - .010	.354	.114	.060 - .080	.359	.267	.020 - .032	.366	.077	.005 - .010	.370	.191	.005 - .010
.343	.230	.025 - .035	.349	.297	.005 - .010	.354	.119	.040 - .060	.359	.284	.010 - .020	.366	.129	.015 - .025	.370	.196	.010 - .020
.343	.245	.005 - .010	.350	.060	.005 - .010	.354	.125	.005 - .070	.359	.293	.005 - .015	.366	.158	.015 - .030	.370	.199	.015 - .025
.343	.261	.010 - .020	.350	.089	.005 - .010	.354	.128	.025 - .040	.360	.038	.005 - .010	.366	.190	.040 - .060	.370	.202	.060 - .080
.343	.274	.020 - .040	.350	.090	.005 - .010	.354	.144	.030 - .050	.360	.080	.005 - .010	.366	.206	.005 - .020	.370	.205	.005 - .010
.344	.102	.005 - .010	.350	.121	.010 - .020	.354	.145	.020 - .040	.360	.095	.005 - .010	.366	.218	.016 - .032	.370	.206	.025 - .040
.344	.152	.025 - .045	.350	.122	.005 - .010	.354	.147	.020 - .035	.360	.102	.015 - .030	.366	.219	.015 - .030	.370	.211	.060 - .080
.344	.165	.015 - .030	.350	.125	.090 - .110	.354	.152	.060 - .080	.360	.115	.030 - .040	.366	.225	.020 - .040	.370	.212	.040 - .050
.344	.167	.015 - .025	.350	.154	.005 - .010	.354	.161	.010 - .020	.360	.126	.005 - .010	.366	.241	.020 - .040	.370	.218	.040 - .060
.344	.172	.035 - .050	.350	.160	.020 - .040	.354	.162	.010 - .020	.360	.136	.005 - .020	.366	.253	.005 - .015	.370	.220	.015 - .030
.344	.184	.025 - .040	.350	.167	.015 - .030	.354	.178	.010 - .020	.360	.164	.020 - .032	.366	.254	.005 - .030	.370	.252	.005 - .010
.344	.189	.015 - .025	.350	.168	.030 - .050	.354	.201	.005 - .010	.360	.171	.025 - .040	.366	.268	.030 - .050	.370	.254	.020 - .040
.344	.190	.005 - .008	.350	.171	.005 - .010	.354	.204	.010 - .060	.360	.175	.005 - .020	.366	.272	.025 - .035	.370	.256	.015 - .030
.344	.196	.020 - .060	.350	.178	.060 - .080	.354	.226	.005 - .010	.360	.177	.050 - .070	.366	.274	.010 - .020	.370	.261	.005 - .010
.344	.252	.025 - .040	.350	.181	.025 - .040	.354	.237	.010 - .020	.360	.185	.005 - .010	.366	.294	.005 - .012	.370	.269	.040 - .060
.344	.267	.025 - .040	.350	.194	.005 - .010	.354	.238	.005 - .040	.360	.186	.040 - .060	.366	.305	.016 - .025	.370	.300	.020 - .030
.344	.290	.010 - .020	.350	.195	.060 - .080	.354	.245	.005 - .010	.360	.188	.015 - .030	.366	.312	.015 - .025	.370	.330	.005 - .010
.344	.291	.005 - .010	.350	.203	.032 - .042	.354	.279	.005 - .010	.360	.190	.030 - .050	.367	.098	.030 - .050	.371	.099	.020 - .040
.345	.043	.005 - .010	.350	.213	.020 - .030	.354	.315	.005 - .010	.360	.192	.060 - .090	.367	.105	.015 - .025	.371	.129	.050 - .070
.345	.125	.020 - .032	.350	.223	.010 - .020	.355	.070	.015 - .030	.360	.193	.005 - .015	.367	.125	.090 - .125	.371	.130	.050 - .075
.345	.132	.032 - .048	.350	.231	.015 - .030	.355	.083	.030 - .050	.360	.203	.030 - .042	.367	.176	.050 - .062	.371	.131	.020 - .030
.345	.135	.032 - .048	.350	.245	.040 - .050	.355	.103	.070 - .080	.360	.207	.050 - .062	.367	.186	.005 - .010	.371	.150	.005 - .010
.345	.150	.030 - .042	.350	.252	.005 - .020	.355	.131	.050 - .078	.360	.230	.010 - .020	.367	.258	.050 - .060	.371	.176	.005 - .010
.345	.159	.005 - .010	.350	.253	.005 - .010	.355	.158	.025 - .042	.360	.245	.005 - .010	.367	.260	.015 - .030	.371	.184	.010 - .020
.345	.170	.005 - .010	.350	.255	.025 - .040	.355	.159	.040 - .060	.360	.260	.025 - .042	.367	.264	.005 - .010	.371	.195	.050 - .070
.345	.189	.005 - .010	.350	.262	.005 - .010	.355	.160	.040 - .060	.360	.277	.005 - .010	.367	.272	.020 - .040	.371	.201	.040 - .060
.345	.192	.005 - .075	.350	.276	.025 - .040	.355	.175	.040 - .060	.360	.312	.015 - .025	.367	.273	.005 - .010	.371	.206	.060 - .083
.345	.193	.025 - .060	.350	.291	.020 - .045	.355	.185	.005 - .010	.361	.215	.030 - .050	.368	.061	.005 - .010	.371	.222	.030 - .050
.345	.198	.040 - .060	.351	.064	.005 - .010	.355	.198	.030 - .050	.361	.243	.025 - .040	.368	.063	.005 - .010	.371	.233	.005 - .010
.345	.205	.005 - .010	.351	.091	.030 - .050	.355	.201	.020 - .040	.361	.281	.005 - .010	.368	.080	.020 - .030	.371	.245	.050 - .075
.345	.216	.005 - .010	.351	.094	.005 - .010	.355	.226	.008 - .016	.361	.296	.005 - .010	.368	.122	.025 - .042	.371	.250	.005 - .032
.345	.223	.010 - .050	.351	.097	.005 - .010	.355	.230	.005 - .010	.362	.121	.005 - .010	.368	.124	.040 - .050	.371	.252	.035 - .050
.345	.228	.015 - .030	.351	.130	.005 - .020	.355	.236	.005 - .010	.362	.143	.015 - .030	.368	.154	.005 - .010	.371	.253	.015 - .030
.345	.252	.010 - .020	.351	.145	.005 - .010	.355	.255	.010 - .020	.362	.220	.005 - .010	.368	.159	.005 - .010	.371	.255	.005 - .012
.345	.276	.015 - .030	.351	.166	.008 - .015	.355	.260	.030 - .040	.362	.221	.010 - .020	.368	.168	.025 - .040	.371	.256	.005 - .010
.345	.277	.005 - .010	.351	.171	.005 - .015	.355	.281	.015 - .025	.362	.235	.040 - .060	.368	.193	.020 - .040	.371	.260	.005 - .020
.346	.044	.015 - .030	.351	.184	.005 - .010	.355	.282	.005 - .025	.362	.247	.015 - .030	.368	.194	.050 - .070	.37		

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.372	.158	.025 - .048	.374	.237	.030 - .060	.375	.250	.005 - .060	.377	.156	.030 - .060	.380	.262	.005 - .010	.387	.171	.060 - .090
.372	.162	.020 - .040	.374	.252	.005 - .040	.375	.252	.005 - .015	.377	.157	.070 - .090	.380	.264	.025 - .040	.387	.189	.032 - .048
.372	.164	.015 - .030	.374	.255	.005 - .010	.375	.253	.005 - .025	.377	.164	.005 - .010	.380	.276	.005 - .010	.387	.192	.005 - .010
.372	.174	.025 - .040	.374	.257	.025 - .060	.375	.254	.005 - .040	.377	.165	.020 - .030	.380	.277	.010 - .020	.387	.258	.020 - .040
.372	.177	.060 - .080	.374	.280	.005 - .010	.375	.255	.020 - .030	.377	.171	.025 - .040	.380	.280	.030 - .040	.387	.280	.005 - .010
.372	.179	.015 - .030	.374	.307	.005 - .010	.375	.257	.025 - .040	.377	.173	.030 - .050	.380	.285	.032 - .050	.387	.318	.008 - .020
.372	.180	.015 - .030	.374	.320	.010 - .020	.375	.258	.010 - .020	.377	.182	.025 - .048	.381	.094	.005 - .010	.387	.328	.010 - .020
.372	.196	.062 - .080	.375	.034	.010 - .020	.375	.267	.020 - .030	.377	.185	.010 - .020	.381	.099	.025 - .040	.388	.090	.015 - .025
.372	.199	.005 - .016	.375	.041	.040 - .050	.375	.274	.010 - .020	.377	.189	.030 - .060	.381	.114	.005 - .010	.388	.127	.008 - .020
.372	.202	.015 - .030	.375	.045	.006 - .015	.375	.280	.030 - .042	.377	.190	.015 - .030	.381	.116	.005 - .010	.388	.136	.005 - .010
.372	.204	.030 - .050	.375	.048	.015 - .030	.375	.281	.005 - .040	.377	.191	.025 - .040	.381	.124	.005 - .012	.388	.171	.075 - .090
.372	.208	.015 - .030	.375	.059	.005 - .010	.375	.282	.005 - .010	.377	.194	.025 - .060	.381	.126	.030 - .050	.388	.205	.025 - .040
.372	.221	.050 - .075	.375	.086	.015 - .030	.375	.285	.008 - .015	.377	.219	.032 - .042	.381	.131	.040 - .060	.388	.211	.005 - .010
.372	.230	.015 - .030	.375	.091	.005 - .030	.375	.292	.015 - .025	.377	.220	.020 - .040	.381	.138	.005 - .010	.388	.215	.040 - .060
.372	.239	.050 - .070	.375	.095	.090 - .104	.375	.301	.015 - .030	.377	.223	.030 - .050	.381	.148	.025 - .040	.388	.252	.015 - .030
.372	.253	.010 - .020	.375	.100	.005 - .030	.375	.303	.025 - .040	.377	.225	.015 - .030	.381	.150	.005 - .010	.388	.264	.025 - .040
.372	.254	.010 - .060	.375	.101	.070 - .080	.375	.313	.005 - .010	.377	.230	.010 - .020	.381	.153	.060 - .070	.388	.280	.005 - .030
.372	.255	.005 - .010	.375	.103	.030 - .050	.375	.316	.020 - .040	.377	.253	.015 - .060	.381	.163	.030 - .050	.388	.288	.015 - .030
.372	.256	.005 - .015	.375	.110	.030 - .040	.375	.318	.020 - .032	.377	.254	.025 - .040	.381	.175	.075 - .090	.389	.078	.015 - .030
.372	.257	.020 - .030	.375	.111	.005 - .010	.375	.382	.005 - .010	.377	.255	.040 - .062	.381	.178	.015 - .030	.389	.130	.020 - .035
.372	.258	.040 - .050	.375	.114	.030 - .042	.376	.084	.008 - .016	.377	.262	.030 - .050	.381	.182	.005 - .020	.389	.198	.020 - .040
.372	.272	.005 - .010	.375	.120	.030 - .060	.376	.117	.015 - .040	.377	.265	.005 - .010	.381	.186	.015 - .030	.389	.199	.015 - .030
.372	.278	.025 - .042	.375	.121	.010 - .020	.376	.122	.015 - .030	.377	.267	.006 - .012	.381	.195	.040 - .060	.389	.200	.015 - .030
.372	.311	.015 - .030	.375	.123	.030 - .075	.376	.126	.012 - .020	.377	.276	.010 - .020	.381	.200	.020 - .030	.389	.205	.005 - .012
.372	.312	.005 - .035	.375	.125	.010 - .070	.376	.130	.025 - .040	.377	.315	.010 - .020	.381	.203	.005 - .010	.389	.223	.012 - .020
.372	.315	.005 - .010	.375	.126	.010 - .020	.376	.141	.020 - .040	.378	.061	.005 - .010	.381	.212	.005 - .010	.389	.227	.005 - .010
.373	.039	.025 - .035	.375	.129	.005 - .036	.376	.156	.010 - .020	.378	.062	.005 - .010	.381	.255	.015 - .030	.389	.276	.020 - .030
.373	.041	.010 - .020	.375	.132	.080 - .090	.376	.157	.010 - .090	.378	.064	.015 - .025	.381	.260	.015 - .030	.390	.038	.015 - .030
.373	.068	.015 - .030	.375	.133	.050 - .062	.376	.158	.050 - .070	.378	.127	.005 - .010	.381	.290	.005 - .010	.390	.039	.005 - .010
.373	.081	.040 - .062	.375	.135	.005 - .010	.376	.159	.050 - .075	.378	.130	.010 - .020	.381	.294	.005 - .010	.390	.077	.010 - .020
.373	.127	.005 - .015	.375	.143	.075 - .090	.376	.161	.005 - .010	.378	.160	.010 - .020	.381	.300	.020 - .035	.390	.087	.020 - .030
.373	.142	.062 - .078	.375	.144	.005 - .040	.376	.161	.030 - .050	.378	.164	.010 - .030	.381	.315	.020 - .036	.390	.129	.015 - .030
.373	.157	.020 - .040	.375	.145	.025 - .040	.376	.169	.005 - .010	.378	.171	.032 - .050	.382	.132	.025 - .040	.390	.145	.015 - .080
.373	.159	.020 - .040	.375	.147	.030 - .050	.376	.172	.005 - .060	.378	.178	.005 - .010	.382	.163	.030 - .050	.390	.157	.005 - .010
.373	.165	.005 - .015	.375	.148	.030 - .050	.376	.174	.075 - .090	.378	.200	.010 - .020	.382	.175	.015 - .030	.390	.162	.020 - .030
.373	.168	.010 - .020	.375	.150	.020 - .105	.376	.177	.020 - .035	.378	.202	.015 - .030	.382	.189	.050 - .072	.390	.169	.025 - .050
.373	.174	.005 - .010	.375	.152	.080 - .100	.376	.182	.010 - .020	.378	.244	.005 - .010	.382	.195	.005 - .010	.390	.181	.030 - .050
.373	.175	.050 - .078	.375	.153	.005 - .050	.376	.186	.060 - .080	.378	.251	.020 - .030	.382	.199	.030 - .050	.390	.185	.005 - .010
.373	.189	.030 - .050	.375	.156	.005 - .012	.376	.187	.030 - .050	.378	.252	.010 - .060	.382	.204	.005 - .010	.390	.195	.020 - .050
.373	.191	.030 - .072	.375	.158	.005 - .010	.376	.189	.005 - .020	.378	.255	.015 - .025	.382	.207	.030 - .050	.390	.198	.015 - .030
.373	.192	.010 - .060	.375	.160	.010 - .020	.376	.190	.020 - .080	.378	.258	.020 - .030	.382	.225	.030 - .050	.390	.201	.070 - .090
.373	.193	.005 - .060	.375	.161	.020 - .040	.376	.191	.040 - .060	.378	.260	.005 - .010	.382	.252	.015 - .025	.390	.217	.015 - .030
.373	.196	.005 - .010	.375	.162	.006 - .100	.376	.194	.030 - .050	.378	.269	.008 - .016	.382	.300	.048 - .062	.390	.235	.050 - .080
.373	.200	.005 - .010	.375	.163	.005 - .060	.376	.196	.005 - .010	.378	.289	.012 - .025	.382	.328	.015 - .025	.390	.236	.005 - .080
.373	.210	.005 - .010	.375	.165	.042 - .062	.376	.197	.005 - .010	.378	.292	.005 - .010	.383	.099	.030 - .050	.390	.241	.040 - .075
.373	.222	.015 - .030	.375	.169	.015 - .050	.376	.204	.010 - .020	.379	.143	.050 - .070	.383	.115	.015 - .030	.390	.256	.005 - .010
.373	.238	.030 - .050	.375	.172	.005 - .050	.376	.205	.005 - .010	.379	.162	.015 - .035	.383	.155	.030 - .050	.390	.257	.015 - .030
.373	.253	.040 - .060	.375	.173	.020 - .030	.376	.209	.020 - .040	.379	.163	.020 - .035	.384	.127	.020 - .030	.390	.258	.005 - .010
.373	.256	.042 - .060	.375	.175	.005 - .012	.376	.217	.040 - .060	.379	.164	.040 - .070	.384	.144	.030 - .050	.390	.260	.005 - .020
.373	.269	.005 - .010	.375	.177	.060 - .075	.376	.220	.020 - .032	.379	.173	.005 - .010	.384	.159	.030 - .050	.390	.262	.040 - .060
.373	.317	.010 - .020	.375	.180	.060 - .080	.376	.222	.005 - .010	.379	.198	.005 - .010	.384	.214	.030 - .050	.390	.266	.025 - .040
.373	.318	.005 - .010	.375	.184	.005 - .010	.376	.223	.005 - .042	.379	.200	.005 - .010	.384	.238	.020 - .030	.390	.284	.005 - .010
.374	.049	.005 - .010	.375	.188	.005 - .030	.376	.234	.030 - .050	.379	.221	.005 - .010	.384	.271	.015 - .020	.390	.306	.005 - .010
.374	.083	.036 - .050	.375	.189	.080 - .104	.376	.244	.032 - .050	.379	.250	.005 - .010	.384	.285	.015 - .030	.390	.314	.025 - .040
.374	.099	.005 - .010	.375	.190	.080 - .104	.376	.251	.020 - .032	.379	.252	.005 - .010	.385	.065	.005 - .010	.391	.062	.015 - .030
.374	.120	.040 - .060	.375	.191	.040 - .090	.376	.252	.040 - .050	.379	.257	.040 - .062	.385	.156	.020 - .032	.391	.105	.005 - .010
.374	.130	.010 - .020	.375	.192	.005 - .090	.376	.254	.025 - .048	.379	.297	.030 - .042	.385	.181	.030 - .050	.391	.132	.120 - .140
.374	.137	.080 - .100	.375	.193	.005 - .015	.376	.255	.040 - .060	.380	.093	.015 - .030	.385	.188	.025 - .040	.391	.163	.040 - .060
.374	.138	.005 - .015	.375	.194	.040 - .060	.376	.260	.005 - .032	.380	.095	.015 - .030	.385	.194	.060 - .080	.391	.177	.040 - .060
.374	.149	.010 - .015	.375	.195	.005 - .042	.376	.261	.010 - .020	.380	.096	.060 - .080	.385	.239	.005 - .010	.391	.197	.015 - .030
.374	.157	.025 - .040	.375	.196	.005 - .060	.376	.263	.005 - .020	.380	.097	.040 - .060	.385	.241	.030 - .070	.391	.226	.010 - .020
.374	.168	.025 - .040	.375	.200	.040 - .060	.376	.269	.005 - .010	.380	.116	.005 - .010	.385	.249	.025 - .048	.391	.242	.005 - .010
.374	.172	.040 - .060	.375	.202	.010 - .032	.376	.271	.010 - .040	.380	.126	.030 - .050	.385	.252	.005 - .012	.391	.271	.020 - .040
.374	.173	.040 - .060	.375	.203	.015 - .060	.376	.276	.040 - .060	.380	.148	.025 - .040	.385	.260	.005 - .010	.391	.285	.020 - .035
.374	.175	.040 - .060	.375	.204	.060 - .080	.376	.301	.005 - .010	.380	.149	.080 - .100	.385	.262	.050 - .060	.391	.306	.005 - .010
.374	.180	.020 - .080	.375	.205	.008 - .015	.376	.316	.005 - .010	.380	.162	.040 - .060	.385	.290	.010 - .020	.391	.307	.010 - .020
.374	.185	.015 - .030	.375	.209	.025 - .062	.377	.031	.005 - .010	.380	.173	.005 - .010	.385	.301	.005 - .010	.391	.314	.015 - .020
.374	.191	.005 - .060	.375	.211	.010 - .020	.377	.035	.015 - .025	.380	.175	.015 - .090	.386	.121	.030 - .050	.391	.348	.00

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.393	.196	.040 - .050	.397	.105	.008 - .016	.401	.128	.025 - .040	.406	.140	.025 - .042	.411	.292	.010 - .020	.420	.095	.005 - .010
.393	.201	.030 - .050	.397	.109	.005 - .015	.401	.130	.005 - .010	.406	.155	.050 - .075	.411	.310	.010 - .020	.420	.129	.020 - .030
.393	.209	.005 - .010	.397	.153	.025 - .040	.401	.165	.005 - .010	.406	.161	.050 - .075	.411	.314	.030 - .050	.420	.170	.015 - .030
.393	.214	.005 - .010	.397	.176	.005 - .010	.401	.169	.031 - .048	.406	.170	.010 - .025	.411	.315	.005 - .020	.420	.179	.005 - .010
.393	.217	.030 - .050	.397	.183	.010 - .020	.401	.171	.005 - .010	.406	.171	.048 - .072	.412	.136	.007 - .015	.420	.193	.005 - .010
.393	.230	.025 - .040	.397	.196	.010 - .015	.401	.202	.020 - .060	.406	.189	.012 - .020	.412	.161	.030 - .050	.420	.204	.030 - .050
.393	.237	.005 - .010	.397	.212	.005 - .015	.401	.219	.020 - .040	.406	.190	.005 - .010	.412	.190	.005 - .070	.420	.234	.005 - .010
.393	.239	.005 - .010	.397	.231	.005 - .010	.401	.221	.060 - .075	.406	.201	.050 - .070	.412	.196	.005 - .015	.420	.238	.020 - .030
.393	.240	.005 - .050	.397	.250	.005 - .010	.401	.237	.035 - .050	.406	.203	.005 - .010	.412	.211	.005 - .010	.420	.241	.005 - .010
.393	.256	.020 - .040	.397	.255	.070 - .090	.401	.241	.030 - .050	.406	.204	.030 - .050	.412	.218	.010 - .020	.420	.251	.030 - .040
.393	.277	.005 - .010	.397	.267	.020 - .040	.401	.251	.025 - .040	.406	.209	.030 - .050	.412	.222	.010 - .020	.420	.254	.006 - .012
.393	.279	.005 - .010	.397	.280	.040 - .050	.401	.258	.015 - .025	.406	.218	.025 - .040	.412	.231	.060 - .080	.420	.258	.005 - .010
.393	.285	.010 - .020	.397	.298	.015 - .030	.401	.263	.005 - .010	.406	.220	.025 - .042	.412	.236	.005 - .010	.420	.279	.005 - .016
.393	.287	.005 - .015	.397	.315	.032 - .042	.401	.298	.005 - .010	.406	.221	.010 - .020	.412	.241	.005 - .010	.420	.280	.010 - .025
.393	.314	.025 - .035	.397	.320	.020 - .040	.401	.314	.010 - .020	.406	.224	.005 - .010	.412	.272	.020 - .040	.420	.311	.005 - .010
.393	.315	.005 - .010	.397	.325	.015 - .025	.401	.318	.005 - .010	.406	.242	.062 - .080	.412	.290	.040 - .060	.420	.314	.030 - .050
.393	.316	.010 - .020	.398	.117	.020 - .035	.401	.328	.005 - .030	.406	.250	.020 - .035	.412	.326	.010 - .040	.420	.319	.005 - .010
.393	.324	.010 - .020	.398	.188	.005 - .010	.402	.099	.015 - .025	.406	.252	.050 - .070	.413	.169	.005 - .010	.421	.058	.005 - .010
.394	.079	.005 - .010	.398	.191	.040 - .060	.402	.145	.015 - .060	.406	.257	.025 - .042	.413	.187	.010 - .020	.421	.108	.005 - .010
.394	.083	.005 - .010	.398	.200	.070 - .080	.402	.157	.005 - .010	.406	.260	.005 - .010	.413	.212	.010 - .020	.421	.121	.005 - .010
.394	.095	.005 - .020	.398	.225	.005 - .010	.402	.162	.060 - .080	.406	.262	.025 - .040	.413	.222	.042 - .072	.421	.178	.020 - .040
.394	.142	.005 - .010	.398	.234	.005 - .010	.402	.193	.015 - .025	.406	.264	.036 - .050	.413	.223	.005 - .010	.421	.204	.020 - .040
.394	.157	.040 - .060	.398	.241	.040 - .060	.402	.235	.050 - .070	.406	.269	.005 - .010	.413	.229	.005 - .010	.421	.209	.005 - .010
.394	.158	.040 - .060	.398	.286	.025 - .048	.402	.256	.030 - .050	.406	.276	.042 - .062	.413	.269	.005 - .010	.421	.234	.025 - .040
.394	.168	.050 - .075	.398	.303	.005 - .010	.402	.270	.040 - .060	.406	.278	.005 - .010	.413	.319	.005 - .010	.421	.251	.015 - .030
.394	.183	.010 - .020	.398	.304	.015 - .030	.402	.281	.048 - .062	.406	.284	.020 - .040	.413	.326	.005 - .010	.421	.252	.005 - .010
.394	.196	.050 - .075	.398	.320	.020 - .040	.402	.300	.015 - .030	.406	.285	.005 - .010	.413	.379	.010 - .020	.421	.268	.025 - .040
.394	.203	.005 - .010	.399	.169	.005 - .010	.402	.359	.005 - .010	.406	.304	.005 - .010	.414	.081	.030 - .050	.421	.279	.005 - .010
.394	.207	.050 - .075	.399	.200	.020 - .040	.403	.144	.005 - .010	.407	.063	.005 - .010	.414	.162	.030 - .050	.421	.280	.005 - .010
.394	.208	.070 - .090	.399	.223	.005 - .010	.403	.189	.025 - .036	.407	.137	.020 - .040	.414	.166	.005 - .010	.421	.291	.005 - .010
.394	.237	.005 - .010	.399	.226	.050 - .070	.403	.192	.020 - .040	.407	.175	.005 - .010	.414	.212	.080 - .100	.421	.319	.020 - .030
.394	.239	.025 - .040	.399	.260	.070 - .090	.403	.193	.016 - .025	.407	.207	.005 - .015	.414	.236	.070 - .080	.421	.322	.005 - .010
.394	.240	.005 - .025	.399	.284	.010 - .020	.403	.203	.005 - .010	.407	.225	.020 - .040	.414	.252	.005 - .060	.422	.038	.020 - .036
.394	.243	.015 - .030	.399	.290	.005 - .010	.403	.263	.030 - .050	.407	.237	.020 - .040	.414	.261	.005 - .010	.422	.123	.005 - .010
.394	.251	.005 - .080	.399	.362	.005 - .010	.404	.100	.005 - .010	.407	.253	.010 - .015	.414	.277	.035 - .045	.422	.129	.010 - .025
.394	.255	.045 - .064	.400	.066	.025 - .048	.404	.128	.005 - .010	.407	.257	.010 - .020	.414	.282	.020 - .030	.422	.130	.015 - .025
.394	.260	.040 - .060	.400	.091	.005 - .010	.404	.173	.060 - .080	.407	.261	.008 - .016	.414	.315	.010 - .020	.422	.153	.005 - .010
.394	.319	.005 - .010	.400	.119	.005 - .010	.404	.180	.060 - .080	.407	.262	.005 - .040	.415	.092	.040 - .060	.422	.189	.025 - .035
.395	.099	.030 - .050	.400	.124	.005 - .010	.404	.189	.025 - .040	.407	.265	.015 - .036	.415	.179	.040 - .070	.422	.218	.010 - .020
.395	.151	.010 - .020	.400	.131	.020 - .030	.404	.190	.025 - .040	.407	.320	.010 - .020	.415	.192	.070 - .090	.422	.282	.040 - .060
.395	.165	.015 - .030	.400	.139	.020 - .035	.404	.195	.010 - .020	.408	.083	.020 - .050	.415	.243	.008 - .020	.422	.335	.010 - .020
.395	.172	.020 - .035	.400	.142	.005 - .010	.404	.197	.005 - .010	.408	.134	.025 - .040	.415	.250	.042 - .080	.422	.375	.005 - .010
.395	.174	.015 - .030	.400	.147	.025 - .048	.404	.210	.030 - .050	.408	.166	.015 - .040	.415	.253	.005 - .010	.423	.129	.005 - .010
.395	.175	.090 - .105	.400	.151	.010 - .060	.404	.218	.005 - .010	.408	.172	.005 - .015	.415	.265	.050 - .070	.423	.153	.005 - .015
.395	.186	.070 - .090	.400	.153	.005 - .010	.404	.220	.025 - .040	.408	.173	.005 - .010	.415	.281	.050 - .072	.423	.177	.030 - .050
.395	.191	.025 - .093	.400	.160	.020 - .040	.404	.224	.005 - .010	.408	.194	.040 - .060	.415	.285	.015 - .025	.423	.226	.040 - .060
.395	.195	.005 - .010	.400	.168	.042 - .062	.404	.246	.005 - .010	.408	.202	.030 - .040	.415	.313	.010 - .020	.423	.250	.020 - .035
.395	.200	.005 - .010	.400	.172	.005 - .010	.404	.252	.005 - .010	.408	.240	.020 - .040	.415	.324	.025 - .035	.423	.254	.020 - .030
.395	.209	.050 - .070	.400	.173	.030 - .050	.404	.260	.015 - .025	.408	.261	.005 - .015	.416	.121	.005 - .010	.423	.269	.060 - .078
.395	.210	.025 - .040	.400	.182	.016 - .032	.404	.265	.015 - .030	.408	.297	.010 - .020	.416	.128	.040 - .060	.423	.270	.060 - .080
.395	.219	.010 - .020	.400	.192	.005 - .060	.404	.280	.060 - .080	.409	.129	.015 - .030	.416	.160	.005 - .010	.423	.271	.050 - .070
.395	.220	.015 - .035	.400	.198	.015 - .050	.404	.313	.005 - .012	.409	.167	.015 - .025	.416	.180	.020 - .030	.423	.278	.025 - .050
.395	.225	.010 - .020	.400	.200	.015 - .025	.404	.320	.005 - .020	.409	.172	.020 - .040	.416	.205	.062 - .080	.423	.314	.010 - .020
.395	.236	.040 - .060	.400	.202	.005 - .010	.405	.099	.005 - .010	.409	.194	.035 - .050	.416	.218	.010 - .020	.423	.319	.015 - .025
.395	.243	.005 - .015	.400	.203	.005 - .010	.405	.107	.005 - .010	.409	.210	.060 - .083	.416	.241	.008 - .020	.423	.328	.030 - .042
.395	.246	.015 - .030	.400	.206	.050 - .070	.405	.108	.030 - .050	.409	.244	.030 - .040	.416	.251	.025 - .040	.423	.345	.010 - .020
.395	.248	.060 - .075	.400	.210	.005 - .020	.405	.137	.005 - .010	.409	.313	.015 - .030	.416	.256	.020 - .040	.424	.139	.030 - .050
.395	.251	.020 - .030	.400	.216	.005 - .010	.405	.156	.040 - .060	.409	.322	.015 - .030	.416	.260	.025 - .040	.424	.169	.005 - .030
.395	.277	.040 - .050	.400	.225	.050 - .070	.405	.162	.015 - .025	.410	.063	.005 - .010	.417	.251	.048 - .062	.424	.190	.005 - .020
.395	.280	.040 - .060	.400	.240	.015 - .020	.405	.168	.005 - .010	.410	.102	.005 - .010	.417	.276	.005 - .010	.424	.196	.040 - .060
.395	.284	.005 - .048	.400	.250	.050 - .070	.405	.175	.040 - .060	.410	.186	.005 - .010	.417	.356	.010 - .020	.424	.230	.015 - .025
.395	.294	.036 - .050	.400	.252	.005 - .010	.405	.184	.005 - .010	.410	.188	.030 - .040	.418	.149	.050 - .070	.424	.319	.005 - .010
.395	.322	.005 - .010	.400	.253	.010 - .020	.405	.201	.005 - .010	.410	.201	.005 - .105	.418	.190	.025 - .050	.424	.325	.005 - .010
.395	.338	.005 - .010	.400	.254	.010 - .020	.405	.202	.020 - .072	.410	.210	.040 - .060	.418	.202	.015 - .030	.425	.130	.020 - .040
.396	.055	.010 - .020	.400	.255	.005 - .030	.405	.204	.050 - .060	.410	.220	.025 - .040	.418	.206	.010 - .015	.425	.138	.030 - .050
.396	.151	.040 - .060	.400	.258	.005 - .010	.405	.222	.050 - .070	.410	.223	.010 - .020	.418	.251	.030 - .040	.425	.147	.020 - .030
.396	.194	.010 - .015	.400	.260	.005 - .010	.405	.243	.010 - .015	.410	.254	.005 - .010	.418	.257	.025 - .040	.425	.165	.015 - .030
.396	.203	.020 - .040	.400	.261	.015 - .030	.405	.250	.020 - .030	.410	.256	.030 - .042	.418	.289	.020 - .030	.425	.191	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.425	.343	.020 - .040	.430	.376	.005 - .010	.434	.316	.015 - .040	.437	.169	.008 - .016	.438	.257	.030 - .050	.440	.328	.040 - .060
.425	.344	.005 - .010	.430	.379	.015 - .020	.434	.318	.005 - .010	.437	.171	.030 - .050	.438	.258	.005 - .010	.440	.355	.015 - .025
.425	.345	.005 - .010	.431	.040	.005 - .010	.434	.320	.005 - .010	.437	.183	.050 - .062	.438	.259	.005 - .010	.440	.381	.010 - .020
.426	.140	.015 - .030	.431	.126	.035 - .050	.434	.330	.030 - .050	.437	.191	.010 - .104	.438	.263	.020 - .050	.440	.390	.005 - .010
.426	.187	.005 - .010	.431	.127	.025 - .040	.434	.350	.025 - .035	.437	.194	.020 - .104	.438	.265	.030 - .060	.441	.042	.010 - .020
.426	.215	.005 - .015	.431	.157	.025 - .040	.435	.064	.035 - .062	.437	.197	.040 - .125	.438	.266	.015 - .030	.441	.093	.005 - .020
.426	.216	.070 - .090	.431	.158	.005 - .010	.435	.067	.020 - .040	.437	.198	.005 - .010	.438	.274	.015 - .030	.441	.143	.005 - .020
.426	.219	.005 - .010	.431	.195	.005 - .010	.435	.077	.005 - .010	.437	.199	.015 - .032	.438	.276	.030 - .050	.441	.151	.030 - .050
.426	.225	.010 - .020	.431	.197	.020 - .030	.435	.080	.012 - .025	.437	.204	.020 - .030	.438	.281	.060 - .080	.441	.168	.030 - .050
.426	.234	.025 - .040	.431	.235	.005 - .012	.435	.082	.030 - .050	.437	.205	.020 - .035	.438	.282	.005 - .075	.441	.172	.062 - .083
.426	.256	.040 - .060	.431	.238	.030 - .060	.435	.112	.007 - .012	.437	.215	.020 - .040	.438	.284	.050 - .075	.441	.190	.005 - .010
.426	.257	.050 - .075	.431	.259	.005 - .030	.435	.136	.090 - .105	.437	.217	.060 - .080	.438	.297	.005 - .010	.441	.198	.005 - .030
.426	.270	.050 - .070	.431	.294	.015 - .025	.435	.149	.060 - .083	.437	.218	.015 - .062	.438	.297	.015 - .025	.441	.224	.050 - .075
.426	.272	.005 - .010	.432	.080	.005 - .010	.435	.160	.010 - .020	.437	.219	.008 - .016	.438	.313	.030 - .060	.441	.242	.020 - .030
.426	.314	.005 - .010	.432	.117	.030 - .050	.435	.166	.090 - .105	.437	.220	.040 - .060	.438	.315	.010 - .020	.441	.254	.020 - .040
.426	.320	.010 - .020	.432	.118	.015 - .030	.435	.174	.025 - .040	.437	.222	.005 - .010	.438	.316	.005 - .010	.441	.255	.005 - .010
.426	.345	.010 - .020	.432	.120	.015 - .030	.435	.178	.105 - .125	.437	.225	.032 - .062	.438	.322	.010 - .020	.441	.257	.020 - .048
.426	.354	.015 - .025	.432	.122	.030 - .050	.435	.182	.060 - .083	.437	.228	.050 - .070	.438	.323	.025 - .040	.441	.258	.030 - .050
.427	.107	.010 - .020	.432	.125	.032 - .062	.435	.190	.070 - .090	.437	.232	.030 - .042	.438	.325	.005 - .010	.441	.266	.042 - .072
.427	.134	.030 - .050	.432	.130	.010 - .020	.435	.191	.005 - .010	.437	.238	.006 - .016	.438	.328	.010 - .020	.441	.270	.025 - .040
.427	.187	.005 - .010	.432	.133	.050 - .090	.435	.198	.005 - .072	.437	.245	.020 - .040	.438	.335	.005 - .010	.441	.273	.005 - .010
.427	.213	.030 - .050	.432	.135	.040 - .060	.435	.200	.050 - .075	.437	.251	.010 - .015	.438	.337	.025 - .040	.441	.316	.040 - .060
.427	.230	.010 - .020	.432	.187	.005 - .010	.435	.203	.005 - .008	.437	.252	.010 - .020	.438	.339	.025 - .040	.441	.319	.005 - .010
.427	.233	.050 - .070	.432	.199	.005 - .010	.435	.214	.040 - .062	.437	.253	.035 - .050	.438	.365	.005 - .015	.441	.320	.005 - .008
.427	.260	.005 - .010	.432	.260	.080 - .100	.435	.223	.025 - .050	.437	.254	.005 - .050	.438	.381	.020 - .030	.442	.154	.030 - .040
.427	.265	.015 - .030	.432	.263	.015 - .025	.435	.237	.015 - .030	.437	.255	.010 - .020	.438	.384	.015 - .030	.442	.195	.005 - .010
.427	.279	.040 - .060	.432	.297	.005 - .010	.435	.250	.015 - .030	.437	.257	.008 - .016	.439	.118	.030 - .050	.442	.254	.020 - .040
.427	.325	.015 - .030	.432	.313	.020 - .048	.435	.252	.015 - .030	.437	.258	.025 - .070	.439	.141	.010 - .020	.442	.260	.010 - .020
.427	.347	.005 - .010	.432	.314	.005 - .010	.435	.254	.005 - .008	.437	.259	.050 - .070	.439	.165	.025 - .040	.442	.286	.005 - .010
.428	.034	.016 - .025	.432	.315	.005 - .010	.435	.257	.015 - .040	.437	.260	.010 - .025	.439	.173	.030 - .050	.442	.317	.040 - .060
.428	.101	.010 - .020	.432	.316	.040 - .060	.435	.261	.025 - .045	.437	.261	.005 - .010	.439	.174	.005 - .050	.443	.190	.025 - .040
.428	.132	.005 - .010	.432	.317	.005 - .010	.435	.267	.010 - .020	.437	.262	.030 - .042	.439	.185	.090 - .105	.443	.191	.025 - .040
.428	.143	.020 - .040	.432	.319	.030 - .050	.435	.268	.010 - .020	.437	.265	.005 - .012	.439	.189	.010 - .075	.443	.223	.005 - .010
.428	.143	.050 - .070	.432	.356	.015 - .025	.435	.284	.040 - .072	.437	.275	.020 - .040	.439	.190	.060 - .080	.443	.224	.040 - .060
.428	.179	.090 - .105	.432	.364	.005 - .010	.435	.290	.025 - .050	.437	.281	.042 - .062	.439	.192	.005 - .010	.443	.278	.020 - .040
.428	.187	.005 - .010	.433	.042	.031 - .048	.435	.296	.005 - .010	.437	.284	.015 - .030	.439	.203	.040 - .090	.443	.295	.016 - .025
.428	.213	.020 - .040	.433	.052	.015 - .030	.435	.305	.005 - .010	.437	.287	.010 - .020	.439	.207	.040 - .060	.443	.336	.040 - .060
.428	.220	.040 - .060	.433	.054	.015 - .030	.435	.321	.030 - .050	.437	.302	.005 - .012	.439	.251	.060 - .080	.444	.165	.005 - .010
.428	.241	.005 - .010	.433	.089	.020 - .040	.435	.327	.030 - .050	.437	.312	.005 - .010	.439	.252	.060 - .080	.444	.174	.030 - .050
.428	.299	.005 - .010	.433	.157	.030 - .050	.435	.380	.010 - .020	.437	.316	.010 - .015	.439	.253	.010 - .025	.444	.196	.015 - .030
.428	.311	.025 - .040	.433	.178	.105 - .125	.436	.187	.005 - .010	.437	.321	.020 - .040	.439	.260	.025 - .040	.444	.220	.030 - .050
.428	.316	.025 - .040	.433	.202	.015 - .030	.436	.188	.070 - .090	.437	.325	.005 - .010	.439	.264	.060 - .075	.444	.318	.030 - .050
.428	.318	.010 - .020	.433	.203	.005 - .030	.436	.201	.005 - .010	.437	.328	.020 - .030	.439	.276	.005 - .010	.444	.342	.010 - .020
.429	.135	.005 - .010	.433	.220	.005 - .010	.436	.226	.010 - .025	.437	.329	.040 - .060	.439	.282	.005 - .010	.444	.347	.020 - .040
.429	.161	.020 - .040	.433	.224	.005 - .010	.436	.241	.025 - .035	.437	.343	.005 - .060	.439	.313	.040 - .060	.444	.349	.005 - .010
.429	.189	.010 - .020	.433	.237	.030 - .050	.436	.251	.080 - .100	.437	.365	.005 - .010	.439	.315	.005 - .010	.444	.381	.015 - .030
.429	.199	.005 - .010	.433	.238	.005 - .010	.436	.253	.030 - .050	.437	.376	.005 - .025	.439	.317	.040 - .060	.445	.095	.030 - .050
.429	.257	.010 - .020	.433	.239	.005 - .010	.436	.254	.010 - .020	.437	.380	.005 - .010	.439	.321	.040 - .060	.445	.116	.050 - .070
.429	.260	.015 - .060	.433	.243	.020 - .050	.436	.256	.005 - .010	.438	.048	.005 - .010	.440	.024	.005 - .010	.445	.136	.010 - .020
.430	.111	.005 - .010	.433	.251	.010 - .030	.436	.263	.005 - .010	.438	.058	.020 - .035	.440	.052	.025 - .040	.445	.142	.040 - .050
.430	.115	.010 - .020	.433	.253	.008 - .070	.436	.279	.010 - .025	.438	.087	.005 - .010	.440	.090	.035 - .050	.445	.206	.035 - .050
.430	.120	.005 - .012	.433	.276	.020 - .040	.436	.282	.025 - .075	.438	.093	.005 - .010	.440	.105	.005 - .010	.445	.212	.005 - .010
.430	.128	.032 - .042	.433	.278	.005 - .010	.436	.283	.010 - .020	.438	.094	.025 - .040	.440	.127	.010 - .020	.445	.219	.050 - .070
.430	.130	.030 - .050	.433	.281	.010 - .020	.436	.287	.005 - .015	.438	.119	.015 - .030	.440	.129	.030 - .050	.445	.252	.015 - .025
.430	.159	.020 - .040	.433	.315	.005 - .030	.436	.314	.005 - .010	.438	.125	.025 - .042	.440	.140	.025 - .040	.445	.265	.040 - .060
.430	.161	.010 - .020	.433	.317	.005 - .010	.436	.316	.010 - .042	.438	.129	.015 - .030	.440	.158	.030 - .050	.445	.301	.050 - .070
.430	.175	.015 - .030	.433	.321	.035 - .050	.436	.318	.005 - .010	.438	.136	.010 - .015	.440	.168	.040 - .060	.445	.325	.010 - .020
.430	.180	.020 - .040	.433	.330	.005 - .010	.436	.334	.015 - .030	.438	.138	.005 - .010	.440	.170	.025 - .050	.445	.331	.030 - .050
.430	.185	.020 - .040	.433	.347	.015 - .030	.436	.375	.015 - .030	.438	.147	.030 - .050	.440	.173	.005 - .010	.445	.348	.020 - .040
.430	.187	.005 - .010	.433	.348	.030 - .040	.436	.378	.005 - .010	.438	.162	.030 - .060	.440	.190	.100 - .125	.445	.383	.005 - .040
.430	.189	.030 - .050	.433	.351	.015 - .030	.436	.397	.005 - .010	.438	.169	.005 - .010	.440	.195	.035 - .050	.445	.385	.005 - .020
.430	.190	.020 - .040	.434	.043	.005 - .010	.437	.039	.005 - .010	.438	.193	.050 - .070	.440	.202	.070 - .090	.445	.390	.010 - .015
.430	.191	.020 - .080	.434	.079	.030 - .050	.437	.096	.015 - .025	.438	.195	.030 - .040	.440	.210	.010 - .020	.445	.399	.005 - .010
.430	.200	.070 - .090	.434	.094	.040 - .060	.437	.120	.040 - .060	.438	.196	.005 - .020	.440	.211	.005 - .010	.446	.049	.010 - .020
.430	.206	.080 - .100	.434	.103	.040 - .060	.437	.125	.005 - .015	.438	.198	.025 - .035	.440	.217	.070 - .090	.446	.151	.062 - .090
.430	.215	.032 - .042	.434	.160	.090 - .125	.437	.126	.025 - .050	.438	.200	.005 - .090	.440	.218	.005 - .020	.446	.162	.005 - .010
.430	.220	.015 - .035	.434	.176	.020 - .040	.437	.127	.015 - .060	.438	.201	.025 - .050	.440	.228	.015 - .040	.446	.171	.040 - .060
.430	.230	.005 - .010	.434	.187	.005 - .010	.437	.128	.030 - .050	.438	.202	.020 - .050	.440	.237	.050 - .075	.446	.197	.01

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.447	.236	.005 - .010	.452	.036	.010 - .020	.460	.380	.005 - .015	.466	.264	.005 - .010	.470	.276	.050 - .075	.473	.039	.005 - .010
.447	.250	.020 - .040	.452	.102	.015 - .030	.461	.091	.005 - .010	.466	.290	.020 - .030	.470	.279	.005 - .010	.473	.070	.010 - .020
.447	.254	.010 - .020	.452	.250	.040 - .060	.461	.215	.045 - .060	.466	.293	.005 - .010	.470	.280	.010 - .020	.473	.157	.005 - .010
.447	.270	.020 - .030	.452	.257	.010 - .020	.461	.334	.005 - .010	.466	.319	.010 - .020	.470	.290	.015 - .030	.473	.172	.120 - .135
.447	.313	.015 - .025	.452	.284	.005 - .010	.461	.355	.015 - .025	.466	.321	.005 - .010	.470	.312	.020 - .030	.473	.205	.005 - .010
.447	.337	.005 - .010	.452	.328	.040 - .060	.462	.062	.030 - .050	.466	.344	.015 - .030	.470	.316	.005 - .010	.473	.217	.015 - .030
.447	.375	.020 - .036	.452	.339	.010 - .020	.462	.090	.025 - .042	.466	.380	.005 - .010	.470	.317	.005 - .010	.473	.227	.005 - .010
.447	.380	.015 - .030	.453	.236	.030 - .050	.462	.100	.060 - .080	.467	.103	.010 - .020	.470	.319	.015 - .030	.473	.238	.030 - .050
.448	.094	.005 - .010	.453	.243	.020 - .030	.462	.158	.040 - .060	.467	.189	.075 - .105	.470	.324	.020 - .040	.473	.240	.010 - .020
.448	.139	.030 - .040	.453	.275	.010 - .020	.462	.165	.005 - .010	.467	.201	.015 - .030	.470	.330	.020 - .030	.473	.242	.030 - .050
.448	.181	.006 - .012	.453	.300	.030 - .050	.462	.203	.010 - .030	.467	.204	.005 - .010	.470	.338	.005 - .010	.473	.243	.005 - .020
.448	.189	.005 - .010	.453	.308	.015 - .030	.462	.288	.005 - .010	.467	.213	.015 - .030	.470	.340	.005 - .012	.473	.248	.020 - .030
.448	.191	.030 - .048	.453	.330	.031 - .048	.462	.318	.070 - .080	.467	.218	.015 - .020	.470	.341	.050 - .075	.473	.262	.005 - .010
.448	.203	.015 - .030	.453	.354	.040 - .060	.462	.324	.005 - .010	.467	.245	.025 - .040	.470	.346	.010 - .020	.473	.274	.005 - .010
.448	.205	.030 - .060	.453	.378	.031 - .042	.462	.336	.050 - .060	.467	.251	.050 - .072	.470	.350	.006 - .015	.473	.284	.030 - .050
.448	.215	.020 - .040	.453	.398	.010 - .020	.462	.377	.015 - .025	.467	.260	.030 - .050	.470	.360	.005 - .010	.473	.289	.030 - .050
.448	.223	.025 - .040	.454	.107	.005 - .010	.463	.073	.015 - .030	.467	.294	.020 - .030	.470	.369	.005 - .010	.473	.315	.005 - .010
.448	.245	.005 - .020	.454	.136	.030 - .050	.463	.166	.015 - .030	.467	.323	.005 - .015	.470	.373	.020 - .035	.473	.317	.010 - .020
.448	.248	.010 - .020	.454	.193	.070 - .090	.463	.188	.060 - .080	.467	.380	.005 - .010	.470	.380	.030 - .040	.473	.318	.005 - .010
.448	.251	.032 - .060	.454	.228	.005 - .010	.463	.189	.025 - .040	.467	.382	.005 - .010	.470	.384	.015 - .025	.473	.319	.005 - .010
.448	.271	.030 - .050	.454	.320	.025 - .040	.463	.222	.025 - .040	.467	.420	.005 - .010	.470	.418	.005 - .010	.473	.320	.005 - .020
.448	.312	.005 - .010	.454	.356	.020 - .030	.463	.224	.010 - .020	.468	.084	.010 - .025	.471	.126	.040 - .050	.473	.321	.005 - .010
.448	.323	.010 - .020	.454	.390	.005 - .010	.463	.245	.030 - .060	.468	.128	.005 - .015	.471	.130	.030 - .080	.473	.397	.005 - .030
.448	.331	.010 - .020	.454	.421	.005 - .010	.463	.258	.050 - .075	.468	.150	.030 - .050	.471	.149	.005 - .010	.474	.090	.005 - .010
.448	.367	.035 - .050	.455	.080	.005 - .010	.463	.263	.060 - .075	.468	.222	.040 - .060	.471	.165	.005 - .010	.474	.126	.010 - .020
.448	.368	.030 - .040	.455	.141	.010 - .020	.463	.267	.030 - .050	.468	.254	.010 - .015	.471	.170	.020 - .030	.474	.238	.005 - .010
.448	.377	.005 - .010	.455	.145	.005 - .010	.463	.270	.005 - .010	.468	.257	.005 - .010	.471	.174	.005 - .010	.474	.260	.020 - .070
.449	.259	.005 - .010	.455	.186	.025 - .040	.463	.288	.005 - .010	.468	.258	.020 - .040	.471	.197	.030 - .040	.474	.261	.040 - .060
.449	.351	.005 - .010	.455	.187	.025 - .035	.463	.313	.005 - .010	.468	.259	.010 - .090	.471	.203	.115 - .135	.474	.278	.005 - .010
.449	.412	.005 - .010	.455	.195	.015 - .030	.463	.320	.040 - .050	.468	.261	.005 - .015	.471	.205	.100 - .125	.474	.279	.005 - .010
.450	.062	.030 - .050	.455	.235	.020 - .030	.463	.321	.030 - .050	.468	.287	.005 - .010	.471	.206	.005 - .010	.474	.284	.005 - .010
.450	.065	.006 - .015	.455	.257	.020 - .032	.463	.322	.015 - .030	.468	.312	.050 - .070	.471	.218	.005 - .010	.474	.317	.005 - .015
.450	.089	.030 - .050	.455	.261	.007 - .016	.463	.333	.030 - .050	.468	.320	.005 - .010	.471	.222	.020 - .030	.474	.320	.030 - .050
.450	.114	.015 - .030	.455	.265	.015 - .030	.463	.391	.020 - .030	.468	.321	.005 - .072	.471	.223	.040 - .050	.474	.381	.005 - .012
.450	.120	.010 - .015	.455	.266	.040 - .060	.464	.129	.005 - .010	.468	.390	.015 - .030	.471	.224	.020 - .040	.474	.396	.015 - .025
.450	.138	.005 - .015	.455	.302	.015 - .030	.464	.141	.050 - .070	.468	.400	.020 - .040	.471	.254	.005 - .010	.475	.113	.005 - .010
.450	.143	.005 - .010	.455	.353	.010 - .020	.464	.159	.060 - .080	.468	.405	.005 - .010	.471	.256	.035 - .050	.475	.147	.020 - .040
.450	.162	.050 - .075	.455	.383	.025 - .040	.464	.160	.015 - .030	.469	.100	.020 - .040	.471	.258	.030 - .050	.475	.175	.020 - .030
.450	.174	.025 - .040	.456	.074	.005 - .010	.464	.190	.030 - .050	.469	.149	.080 - .104	.471	.259	.005 - .010	.475	.192	.005 - .010
.450	.182	.005 - .010	.456	.153	.025 - .040	.464	.210	.020 - .036	.469	.184	.005 - .010	.471	.287	.005 - .015	.475	.192	.060 - .080
.450	.185	.040 - .050	.456	.158	.020 - .040	.464	.218	.005 - .010	.469	.192	.005 - .030	.471	.296	.005 - .010	.475	.196	.005 - .010
.450	.192	.005 - .010	.456	.189	.030 - .040	.464	.237	.015 - .030	.469	.206	.075 - .100	.471	.318	.050 - .070	.475	.214	.050 - .070
.450	.200	.015 - .080	.456	.190	.025 - .062	.464	.244	.005 - .020	.469	.228	.010 - .020	.471	.319	.010 - .020	.475	.227	.020 - .030
.450	.201	.005 - .010	.456	.194	.040 - .062	.464	.252	.005 - .010	.469	.254	.030 - .050	.471	.322	.005 - .010	.475	.241	.040 - .060
.450	.216	.005 - .010	.456	.221	.005 - .010	.464	.265	.010 - .020	.469	.263	.030 - .050	.471	.337	.005 - .010	.475	.259	.010 - .030
.450	.223	.015 - .025	.456	.235	.005 - .010	.464	.318	.015 - .025	.469	.269	.015 - .025	.471	.348	.025 - .042	.475	.279	.005 - .010
.450	.237	.030 - .050	.456	.257	.020 - .030	.464	.320	.040 - .060	.469	.281	.005 - .020	.471	.378	.005 - .012	.475	.286	.005 - .010
.450	.240	.005 - .010	.456	.261	.005 - .010	.464	.367	.010 - .020	.469	.320	.004 - .008	.471	.387	.005 - .010	.475	.306	.005 - .010
.450	.247	.005 - .010	.456	.356	.010 - .020	.464	.393	.005 - .010	.469	.321	.005 - .010	.472	.097	.005 - .020	.475	.324	.020 - .040
.450	.251	.020 - .100	.456	.360	.010 - .020	.465	.062	.030 - .050	.469	.322	.010 - .020	.472	.099	.020 - .040	.475	.334	.040 - .060
.450	.252	.005 - .020	.456	.378	.005 - .010	.465	.117	.040 - .060	.469	.325	.020 - .035	.472	.103	.005 - .010	.475	.347	.020 - .040
.450	.254	.025 - .040	.456	.390	.010 - .020	.465	.134	.030 - .040	.469	.343	.005 - .010	.472	.125	.005 - .010	.475	.360	.005 - .010
.450	.256	.010 - .020	.457	.252	.050 - .075	.465	.171	.025 - .040	.469	.349	.010 - .020	.472	.157	.005 - .010	.475	.368	.015 - .040
.450	.259	.015 - .030	.457	.254	.005 - .010	.465	.188	.060 - .070	.469	.379	.020 - .030	.472	.160	.010 - .020	.475	.378	.005 - .010
.450	.260	.025 - .040	.457	.255	.030 - .050	.465	.200	.005 - .010	.469	.384	.010 - .020	.472	.162	.050 - .070	.475	.380	.010 - .020
.450	.264	.050 - .070	.457	.311	.030 - .040	.465	.210	.040 - .060	.470	.042	.015 - .025	.472	.165	.015 - .030	.475	.397	.020 - .030
.450	.280	.050 - .075	.457	.313	.050 - .060	.465	.211	.100 - .120	.470	.044	.020 - .030	.472	.169	.025 - .050	.475	.400	.020 - .040
.450	.284	.020 - .040	.457	.363	.005 - .010	.465	.217	.005 - .010	.470	.057	.005 - .010	.472	.196	.032 - .048	.475	.411	.010 - .020
.450	.290	.080 - .100	.457	.407	.015 - .025	.465	.221	.005 - .010	.470	.094	.005 - .015	.472	.200	.005 - .010	.475	.424	.015 - .040
.450	.292	.015 - .025	.458	.172	.062 - .090	.465	.222	.060 - .070	.470	.116	.035 - .050	.472	.211	.005 - .010	.476	.144	.032 - .060
.450	.295	.015 - .030	.458	.250	.040 - .062	.465	.229	.005 - .010	.470	.118	.025 - .042	.472	.236	.005 - .010	.476	.163	.015 - .030
.450	.316	.005 - .030	.459	.172	.050 - .075	.465	.252	.006 - .015	.470	.119	.010 - .025	.472	.237	.015 - .030	.476	.169	.070 - .080
.450	.317	.005 - .025	.459	.173	.005 - .050	.465	.261	.005 - .010	.470	.138	.015 - .025	.472	.238	.005 - .010	.476	.181	.030 - .040
.450	.320	.005 - .060	.459	.194	.040 - .050	.465	.283	.075 - .090	.470	.143	.012 - .050	.472	.239	.005 - .010	.476	.190	.015 - .030
.450	.350	.015 - .025	.459	.290	.060 - .080	.465	.285	.080 - .090	.470	.149	.005 - .010	.472	.241	.075 - .090	.476	.210	.105 - .125
.450	.368	.010 - .020	.459	.312	.040 - .060	.465	.314	.015 - .025	.470	.150	.060 - .090	.472	.245	.030 - .040	.476	.240	.010 - .025
.450	.370	.015 - .030	.459	.337	.040 - .060	.465	.345	.005 - .010	.470	.158	.050 - .070	.472	.246	.030 - .050	.476	.289	.010 - .030
.450	.375	.025 - .042	.459	.347	.020 - .030	.465	.402	.005 - .020	.470	.159	.050 - .070	.472	.265	.005 - .010	.476	.31	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.478	.222	.025 - .040	.483	.247	.005 - .010	.488	.193	.050 - .070	.492	.290	.020 - .030	.495	.252	.040 - .060	.497	.324	.005 - .010
.478	.253	.005 - .010	.483	.360	.030 - .040	.488	.281	.032 - .062	.492	.323	.005 - .010	.495	.268	.080 - .100	.497	.337	.005 - .010
.478	.254	.015 - .030	.483	.375	.025 - .040	.488	.315	.005 - .010	.492	.328	.012 - .020	.495	.282	.042 - .072	.497	.344	.062 - .075
.478	.255	.090 - .105	.483	.379	.030 - .040	.488	.365	.010 - .020	.492	.377	.030 - .050	.495	.285	.015 - .040	.497	.347	.005 - .030
.478	.311	.005 - .010	.484	.119	.020 - .040	.488	.400	.005 - .010	.492	.379	.005 - .010	.495	.286	.015 - .040	.497	.406	.005 - .010
.478	.315	.050 - .070	.484	.143	.016 - .025	.489	.180	.030 - .050	.492	.380	.005 - .010	.495	.298	.025 - .045	.497	.410	.020 - .030
.478	.316	.025 - .040	.484	.230	.005 - .010	.489	.189	.025 - .040	.492	.393	.020 - .042	.495	.310	.010 - .030	.497	.411	.005 - .010
.478	.322	.005 - .010	.484	.257	.050 - .075	.489	.192	.020 - .030	.493	.125	.015 - .030	.495	.312	.005 - .010	.497	.437	.005 - .010
.478	.325	.050 - .070	.484	.266	.015 - .030	.489	.205	.030 - .060	.493	.131	.020 - .040	.495	.315	.040 - .060	.497	.442	.005 - .030
.478	.343	.005 - .010	.484	.285	.060 - .080	.489	.206	.040 - .060	.493	.145	.070 - .090	.495	.322	.020 - .040	.498	.063	.050 - .062
.478	.375	.050 - .062	.484	.313	.050 - .072	.489	.230	.005 - .010	.493	.181	.005 - .010	.495	.325	.020 - .030	.498	.078	.040 - .060
.479	.127	.005 - .010	.484	.350	.010 - .020	.489	.296	.010 - .020	.493	.193	.075 - .090	.495	.327	.080 - .100	.498	.082	.042 - .062
.479	.160	.050 - .075	.484	.370	.005 - .010	.489	.303	.010 - .020	.493	.198	.005 - .010	.495	.329	.010 - .030	.498	.096	.030 - .050
.479	.178	.005 - .010	.484	.379	.040 - .060	.489	.304	.020 - .040	.493	.207	.005 - .010	.495	.337	.060 - .080	.498	.122	.020 - .040
.479	.210	.025 - .036	.484	.398	.040 - .060	.489	.315	.005 - .010	.493	.244	.050 - .070	.495	.347	.035 - .050	.498	.126	.010 - .015
.479	.219	.020 - .040	.484	.432	.005 - .010	.489	.320	.040 - .060	.493	.258	.020 - .040	.495	.361	.050 - .065	.498	.130	.005 - .010
.479	.294	.005 - .010	.485	.081	.005 - .010	.489	.333	.020 - .030	.493	.282	.050 - .075	.495	.363	.040 - .060	.498	.134	.010 - .020
.479	.377	.015 - .030	.485	.115	.015 - .030	.489	.338	.035 - .050	.493	.284	.030 - .050	.495	.381	.010 - .020	.498	.148	.060 - .080
.479	.380	.005 - .008	.485	.120	.010 - .080	.489	.382	.005 - .010	.493	.300	.030 - .050	.495	.401	.010 - .025	.498	.173	.020 - .040
.479	.385	.005 - .010	.485	.162	.020 - .040	.489	.431	.005 - .010	.493	.316	.025 - .040	.495	.440	.005 - .008	.498	.175	.100 - .125
.479	.412	.005 - .010	.485	.170	.040 - .060	.490	.126	.070 - .090	.493	.320	.060 - .080	.496	.041	.030 - .042	.498	.184	.005 - .010
.479	.424	.020 - .025	.485	.200	.005 - .010	.490	.127	.025 - .040	.493	.350	.005 - .010	.496	.085	.005 - .010	.498	.187	.015 - .030
.480	.062	.020 - .040	.485	.250	.015 - .030	.490	.155	.040 - .060	.493	.354	.025 - .040	.496	.128	.020 - .040	.498	.197	.040 - .062
.480	.086	.015 - .030	.485	.257	.005 - .010	.490	.165	.015 - .030	.493	.369	.005 - .010	.496	.130	.010 - .020	.498	.215	.010 - .032
.480	.127	.005 - .010	.485	.258	.005 - .010	.490	.167	.020 - .030	.493	.373	.005 - .010	.496	.132	.060 - .080	.498	.216	.025 - .042
.480	.159	.005 - .010	.485	.260	.015 - .025	.490	.170	.007 - .016	.493	.375	.020 - .040	.496	.156	.005 - .012	.498	.220	.050 - .072
.480	.166	.030 - .050	.485	.270	.005 - .010	.490	.174	.020 - .030	.493	.376	.005 - .010	.496	.162	.035 - .050	.498	.230	.020 - .042
.480	.170	.005 - .010	.485	.281	.005 - .010	.490	.189	.030 - .050	.493	.388	.005 - .010	.496	.170	.020 - .030	.498	.232	.020 - .036
.480	.192	.005 - .010	.485	.288	.005 - .010	.490	.230	.005 - .010	.493	.394	.025 - .040	.496	.186	.070 - .090	.498	.239	.025 - .042
.480	.196	.040 - .060	.485	.312	.030 - .050	.490	.250	.005 - .010	.494	.032	.005 - .010	.496	.194	.030 - .050	.498	.247	.015 - .030
.480	.201	.015 - .030	.485	.313	.010 - .020	.490	.252	.005 - .010	.494	.081	.005 - .016	.496	.203	.005 - .012	.498	.248	.005 - .010
.480	.215	.030 - .050	.485	.317	.005 - .010	.490	.259	.090 - .110	.494	.131	.030 - .050	.496	.205	.005 - .060	.498	.251	.005 - .010
.480	.222	.005 - .010	.485	.319	.010 - .020	.490	.260	.005 - .010	.494	.162	.020 - .030	.496	.218	.005 - .010	.498	.252	.005 - .010
.480	.237	.040 - .060	.485	.320	.010 - .060	.490	.260	.020 - .040	.494	.187	.050 - .070	.496	.248	.005 - .010	.498	.257	.010 - .020
.480	.250	.005 - .010	.485	.328	.032 - .050	.490	.265	.005 - .010	.494	.204	.005 - .010	.496	.249	.005 - .010	.498	.259	.090 - .120
.480	.251	.030 - .050	.485	.336	.010 - .020	.490	.295	.005 - .020	.494	.211	.005 - .010	.496	.252	.020 - .040	.498	.262	.032 - .104
.480	.256	.070 - .090	.485	.347	.020 - .030	.490	.301	.005 - .010	.494	.224	.005 - .010	.496	.253	.020 - .070	.498	.265	.050 - .075
.480	.260	.015 - .030	.485	.350	.020 - .030	.490	.302	.005 - .010	.494	.240	.100 - .125	.496	.255	.005 - .010	.498	.269	.050 - .070
.480	.276	.010 - .020	.485	.354	.010 - .020	.490	.313	.015 - .030	.494	.241	.005 - .010	.496	.260	.015 - .030	.498	.300	.020 - .030
.480	.310	.040 - .060	.485	.376	.015 - .025	.490	.315	.015 - .020	.494	.261	.010 - .020	.496	.262	.015 - .030	.498	.302	.025 - .040
.480	.325	.010 - .020	.485	.385	.015 - .030	.490	.316	.015 - .020	.494	.262	.025 - .040	.496	.263	.015 - .030	.498	.315	.005 - .010
.480	.330	.020 - .040	.485	.386	.015 - .025	.490	.343	.030 - .040	.494	.265	.010 - .060	.496	.265	.060 - .080	.498	.321	.010 - .020
.480	.350	.020 - .040	.485	.402	.030 - .050	.490	.344	.005 - .010	.494	.273	.005 - .010	.496	.304	.060 - .080	.498	.323	.020 - .040
.480	.354	.005 - .010	.485	.411	.020 - .040	.490	.353	.010 - .020	.494	.274	.005 - .010	.496	.318	.040 - .080	.498	.328	.060 - .075
.480	.360	.015 - .030	.485	.412	.020 - .040	.490	.360	.020 - .040	.494	.278	.010 - .020	.496	.319	.005 - .010	.498	.337	.015 - .030
.480	.365	.030 - .040	.485	.431	.005 - .010	.490	.377	.050 - .070	.494	.280	.005 - .010	.496	.332	.005 - .010	.498	.339	.020 - .035
.480	.368	.015 - .025	.486	.062	.030 - .050	.490	.378	.010 - .042	.494	.282	.005 - .010	.496	.332	.030 - .050	.498	.341	.050 - .070
.480	.370	.015 - .030	.486	.128	.015 - .030	.490	.380	.005 - .010	.494	.314	.015 - .050	.496	.343	.030 - .042	.498	.344	.015 - .025
.480	.371	.020 - .030	.486	.220	.025 - .040	.490	.391	.016 - .025	.494	.321	.010 - .020	.496	.346	.050 - .070	.498	.377	.005 - .010
.480	.380	.005 - .010	.486	.224	.040 - .060	.490	.393	.030 - .042	.494	.322	.050 - .070	.496	.349	.050 - .075	.498	.380	.010 - .015
.480	.391	.005 - .010	.486	.230	.030 - .050	.490	.412	.005 - .010	.494	.323	.005 - .078	.496	.353	.050 - .070	.498	.392	.005 - .042
.480	.407	.015 - .030	.486	.260	.010 - .020	.490	.416	.005 - .015	.494	.325	.025 - .035	.496	.377	.050 - .070	.498	.399	.015 - .025
.480	.417	.005 - .010	.486	.315	.015 - .030	.491	.136	.020 - .040	.494	.348	.030 - .050	.496	.380	.005 - .040	.498	.408	.005 - .010
.481	.089	.005 - .010	.486	.327	.005 - .050	.491	.172	.005 - .010	.494	.367	.005 - .010	.496	.381	.015 - .075	.498	.426	.005 - .010
.481	.126	.020 - .040	.486	.355	.005 - .010	.491	.207	.020 - .030	.494	.370	.008 - .015	.496	.390	.030 - .040	.499	.065	.015 - .025
.481	.161	.005 - .010	.486	.404	.010 - .020	.491	.250	.005 - .010	.494	.373	.005 - .010	.496	.400	.005 - .010	.499	.072	.050 - .075
.481	.188	.020 - .030	.487	.042	.025 - .042	.491	.252	.100 - .134	.494	.380	.005 - .010	.496	.433	.005 - .010	.499	.090	.040 - .060
.481	.200	.005 - .020	.487	.071	.010 - .020	.491	.253	.005 - .075	.494	.399	.025 - .040	.496	.437	.005 - .010	.499	.094	.042 - .062
.481	.246	.015 - .040	.487	.120	.005 - .010	.491	.254	.050 - .075	.494	.420	.008 - .015	.497	.088	.020 - .030	.499	.118	.060 - .080
.481	.256	.005 - .010	.487	.225	.010 - .032	.491	.256	.040 - .060	.495	.034	.015 - .025	.497	.098	.030 - .050	.499	.123	.050 - .060
.481	.318	.005 - .010	.487	.233	.040 - .060	.491	.265	.090 - .105	.495	.040	.005 - .010	.497	.137	.030 - .048	.499	.125	.005 - .010
.481	.336	.005 - .010	.487	.256	.025 - .040	.491	.266	.010 - .030	.495	.063	.020 - .035	.497	.138	.030 - .048	.499	.138	.005 - .010
.481	.361	.040 - .060	.487	.257	.010 - .020	.491	.267	.005 - .010	.495	.064	.005 - .010	.497	.166	.010 - .020	.499	.142	.030 - .050
.481	.383	.010 - .020	.487	.270	.090 - .110	.491	.268	.005 - .010	.495	.073	.040 - .062	.497	.191	.060 - .080	.499	.170	.020 - .030
.481	.387	.010 - .020	.487	.272	.005 - .010	.491	.317	.010 - .020	.495	.136	.030 - .050	.497	.193	.025 - .040	.499	.175	.050 - .072
.481	.390	.050 - .060	.487	.286	.015 - .030	.491	.320	.010 - .020	.495	.143	.100 - .125	.497	.196	.005 - .010	.499	.189	.010 - .020
.481	.402	.005 - .010	.487	.321	.040 - .060	.491	.338	.030 - .050	.495	.158	.030 - .060	.497	.215	.005 - .010	.499	.190	.020 - .030
.482	.173	.030 - .050	.487	.323	.005 - .010	.491	.385	.015 - .030	.495	.162	.048 - .075	.497	.220	.020 - .070	.499	.192	.00

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.499	.257	.005 - .010	.500	.196	.010 - .125	.500	.348	.015 - .030	.502	.161	.012 - .025	.507	.221	.010 - .020	.513	.240	.030 - .050
.499	.258	.015 - .030	.500	.197	.005 - .135	.500	.350	.040 - .060	.502	.183	.080 - .104	.507	.232	.060 - .078	.513	.268	.005 - .012
.499	.259	.030 - .050	.500	.199	.035 - .050	.500	.352	.006 - .012	.502	.185	.032 - .062	.507	.253	.050 - .075	.513	.287	.050 - .070
.499	.264	.010 - .020	.500	.200	.040 - .075	.500	.356	.005 - .010	.502	.188	.062 - .090	.507	.265	.060 - .070	.513	.313	.080 - .090
.499	.265	.025 - .040	.500	.201	.010 - .020	.500	.360	.015 - .040	.502	.189	.030 - .050	.507	.319	.005 - .010	.513	.360	.005 - .010
.499	.281	.080 - .100	.500	.202	.060 - .125	.500	.361	.050 - .060	.502	.190	.062 - .100	.507	.360	.005 - .010	.513	.373	.015 - .030
.499	.313	.005 - .010	.500	.203	.012 - .020	.500	.368	.020 - .040	.502	.192	.030 - .050	.507	.368	.005 - .030	.513	.383	.005 - .010
.499	.318	.050 - .070	.500	.204	.015 - .075	.500	.370	.005 - .010	.502	.193	.005 - .010	.507	.375	.010 - .020	.513	.396	.040 - .060
.499	.323	.010 - .060	.500	.205	.005 - .050	.500	.373	.008 - .015	.502	.194	.060 - .080	.507	.446	.020 - .030	.513	.440	.005 - .010
.499	.326	.030 - .050	.500	.209	.050 - .070	.500	.375	.040 - .075	.502	.196	.040 - .060	.508	.201	.020 - .030	.513	.455	.010 - .020
.499	.329	.005 - .010	.500	.210	.010 - .025	.500	.376	.015 - .030	.502	.245	.025 - .036	.508	.223	.050 - .070	.514	.100	.020 - .040
.499	.373	.005 - .010	.500	.217	.040 - .060	.500	.377	.005 - .060	.502	.257	.040 - .050	.508	.269	.010 - .020	.514	.151	.020 - .040
.499	.377	.050 - .060	.500	.218	.005 - .090	.500	.378	.005 - .060	.502	.262	.040 - .060	.508	.280	.020 - .040	.514	.194	.070 - .090
.499	.381	.005 - .060	.500	.220	.062 - .105	.500	.383	.030 - .050	.502	.263	.030 - .050	.508	.285	.015 - .025	.514	.200	.020 - .040
.499	.394	.005 - .010	.500	.221	.020 - .125	.500	.385	.040 - .050	.502	.303	.075 - .100	.508	.312	.050 - .070	.514	.203	.005 - .010
.499	.409	.025 - .042	.500	.222	.010 - .020	.500	.388	.020 - .036	.502	.315	.005 - .040	.508	.314	.005 - .010	.514	.210	.040 - .060
.500			.500	.226	.025 - .040	.500	.390	.005 - .060	.502	.329	.020 - .030	.508	.329	.050 - .075	.514	.339	.010 - .020
			.500	.230	.032 - .048	.500	.396	.005 - .030	.502	.378	.025 - .040	.508	.336	.005 - .010	.514	.392	.005 - .010
			.500	.231	.005 - .010	.500	.402	.005 - .015	.502	.386	.005 - .010	.508	.355	.040 - .060	.514	.431	.030 - .040
			.500	.233	.100 - .125	.500	.412	.005 - .010	.503	.131	.005 - .120	.508	.366	.005 - .010	.514	.454	.020 - .030
			.500	.234	.100 - .120	.500	.415	.012 - .016	.503	.142	.030 - .060	.508	.405	.005 - .010	.515	.125	.060 - .080
			.500	.235	.005 - .010	.500	.441	.010 - .020	.503	.153	.040 - .050	.508	.405	.030 - .050	.515	.149	.005 - .010
			.500	.237	.008 - .125	.500	.446	.005 - .010	.503	.157	.050 - .062	.508	.430	.030 - .040	.515	.163	.030 - .050
			.500	.238	.105 - .125	.500	.450	.005 - .010	.503	.159	.005 - .010	.509	.031	.030 - .050	.515	.191	.050 - .070
			.500	.245	.020 - .030	.500	.452	.010 - .020	.503	.205	.030 - .040	.509	.064	.030 - .050	.515	.206	.080 - .104
			.500	.250	.010 - .134	.501	.061	.005 - .020	.503	.280	.075 - .100	.509	.080	.030 - .050	.515	.218	.005 - .010
.500	.035	.005 - .008	.500	.251	.015 - .030	.501	.099	.050 - .075	.503	.281	.010 - .020	.509	.219	.025 - .042	.515	.227	.030 - .050
.500	.064	.005 - .010	.500	.253	.005 - .050	.501	.130	.030 - .050	.503	.315	.005 - .010	.509	.285	.010 - .020	.515	.228	.005 - .010
.500	.070	.005 - .010	.500	.254	.005 - .083	.501	.131	.025 - .040	.503	.316	.005 - .010	.509	.286	.010 - .020	.515	.253	.105 - .125
.500	.071	.005 - .010	.500	.255	.005 - .030	.501	.136	.005 - .020	.503	.318	.050 - .070	.509	.298	.050 - .070	.515	.260	.020 - .040
.500	.072	.040 - .062	.500	.257	.005 - .104	.501	.139	.075 - .105	.503	.363	.005 - .010	.509	.430	.020 - .035	.515	.308	.008 - .015
.500	.077	.005 - .010	.500	.258	.100 - .120	.501	.143	.070 - .090	.503	.383	.005 - .010	.510	.053	.015 - .025	.515	.310	.008 - .015
.500	.082	.008 - .025	.500	.259	.100 - .125	.501	.158	.005 - .010	.503	.387	.005 - .010	.510	.156	.025 - .042	.515	.315	.008 - .015
.500	.086	.005 - .010	.500	.260	.005 - .020	.501	.168	.045 - .060	.503	.411	.005 - .010	.510	.210	.075 - .090	.515	.316	.008 - .015
.500	.088	.040 - .060	.500	.261	.050 - .075	.501	.170	.005 - .010	.504	.125	.090 - .104	.510	.251	.020 - .040	.515	.318	.005 - .010
.500	.089	.015 - .025	.500	.263	.005 - .120	.501	.182	.010 - .104	.504	.230	.005 - .010	.510	.269	.005 - .010	.515	.322	.015 - .025
.500	.093	.005 - .010	.500	.264	.005 - .010	.501	.191	.090 - .100	.504	.249	.040 - .060	.510	.280	.040 - .075	.515	.377	.005 - .010
.500	.096	.005 - .010	.500	.265	.005 - .104	.501	.192	.020 - .040	.504	.253	.005 - .010	.510	.300	.010 - .020	.515	.378	.020 - .030
.500	.098	.010 - .020	.500	.266	.005 - .025	.501	.195	.048 - .062	.504	.258	.030 - .050	.510	.341	.042 - .062	.515	.385	.005 - .010
.500	.102	.008 - .015	.500	.266	.040 - .060	.501	.196	.005 - .010	.504	.269	.005 - .010	.510	.352	.005 - .010	.515	.388	.020 - .040
.500	.105	.005 - .010	.500	.268	.005 - .020	.501	.199	.005 - .010	.504	.283	.010 - .020	.510	.398	.040 - .050	.515	.390	.010 - .040
.500	.112	.030 - .050	.500	.269	.020 - .036	.501	.202	.005 - .010	.504	.321	.030 - .050	.510	.405	.020 - .040	.515	.391	.050 - .060
.500	.113	.020 - .040	.500	.270	.005 - .090	.501	.205	.030 - .100	.504	.343	.070 - .090	.510	.414	.007 - .020	.515	.394	.005 - .008
.500	.114	.005 - .030	.500	.275	.005 - .010	.501	.207	.025 - .040	.504	.361	.005 - .010	.511	.150	.005 - .010	.515	.397	.005 - .010
.500	.116	.020 - .040	.500	.276	.060 - .080	.501	.208	.060 - .072	.504	.362	.005 - .010	.511	.165	.040 - .060	.515	.420	.020 - .032
.500	.121	.005 - .012	.500	.280	.042 - .078	.501	.210	.100 - .125	.504	.379	.020 - .030	.511	.237	.005 - .010	.516	.156	.030 - .050
.500	.125	.007 - .062	.500	.281	.005 - .040	.501	.223	.005 - .010	.504	.382	.005 - .010	.511	.250	.005 - .072	.516	.195	.008 - .015
.500	.129	.025 - .075	.500	.283	.030 - .104	.501	.228	.060 - .080	.504	.390	.030 - .050	.511	.256	.005 - .010	.516	.239	.005 - .010
.500	.131	.010 - .060	.500	.286	.030 - .050	.501	.230	.005 - .010	.505	.090	.015 - .030	.511	.259	.010 - .020	.516	.246	.005 - .020
.500	.132	.040 - .060	.500	.288	.010 - .020	.501	.241	.080 - .100	.505	.101	.050 - .070	.511	.285	.020 - .040	.516	.315	.005 - .010
.500	.133	.005 - .010	.500	.289	.015 - .030	.501	.253	.005 - .125	.505	.129	.050 - .070	.511	.316	.005 - .010	.516	.320	.005 - .010
.500	.136	.012 - .020	.500	.291	.025 - .040	.501	.254	.048 - .072	.505	.149	.010 - .075	.511	.319	.040 - .060	.516	.387	.020 - .040
.500	.140	.010 - .020	.500	.292	.005 - .010	.501	.255	.080 - .105	.505	.167	.025 - .040	.511	.320	.015 - .030	.516	.388	.005 - .010
.500	.141	.008 - .016	.500	.295	.025 - .040	.501	.256	.020 - .090	.505	.194	.005 - .010	.511	.327	.020 - .040	.516	.438	.020 - .032
.500	.142	.030 - .125	.500	.296	.010 - .025	.501	.263	.005 - .010	.505	.250	.020 - .030	.511	.383	.015 - .030	.516	.445	.005 - .010
.500	.144	.005 - .030	.500	.298	.005 - .025	.501	.272	.090 - .105	.505	.254	.010 - .020	.511	.460	.005 - .010	.517	.331	.030 - .050
.500	.145	.007 - .020	.500	.299	.030 - .050	.501	.281	.050 - .104	.505	.295	.080 - .090	.512	.180	.040 - .060	.517	.340	.015 - .030
.500	.146	.035 - .050	.500	.300	.005 - .010	.501	.283	.010 - .100	.505	.300	.010 - .020	.512	.198	.050 - .070	.517	.341	.040 - .060
.500	.147	.035 - .050	.500	.302	.060 - .070	.501	.300	.005 - .010	.505	.301	.005 - .030	.512	.203	.005 - .010	.517	.346	.005 - .070
.500	.150	.080 - .050	.500	.304	.005 - .010	.501	.313	.005 - .070	.505	.324	.005 - .070	.512	.209	.010 - .020	.517	.402	.005 - .010
.500	.153	.005 - .010	.500	.305	.020 - .030	.501	.318	.005 - .090	.505	.335	.025 - .040	.512	.238	.005 - .010	.517	.417	.005 - .010
.500	.155	.100 - .125	.500	.309	.005 - .025	.501	.322	.020 - .040	.505	.341	.025 - .075	.512	.275	.040 - .060	.517	.438	.005 - .010
.500	.160	.005 - .010	.500	.312	.015 - .030	.501	.340	.070 - .090	.505	.355	.025 - .040	.512	.278	.005 - .010	.517	.441	.020 - .030
.500	.163	.050 - .072	.500	.313	.008 - .015	.501	.345	.025 - .040	.505	.386	.020 - .030	.512	.312	.010 - .020	.518	.175	.008 - .016
.500	.167	.005 - .010	.500	.314	.005 - .010	.501	.370	.050 - .070	.505	.390	.030 - .050	.512	.317	.005 - .020	.518	.214	.015 - .030
.500	.168	.025 - .075	.500	.315	.015 - .104	.501	.375	.016 - .030	.505	.396	.005 - .010	.512	.320	.005 - .010	.518	.253	.005 - .010
.500	.170	.025 - .050	.500	.316	.010 - .050	.501	.376	.005 - .010	.505	.399	.020 - .040	.512	.321	.005 - .010	.518	.256	.040 - .060
.500	.172	.006 - .050	.500	.317	.005 - .090	.501	.379	.030 - .050	.505	.401	.030 - .050	.512	.322	.005 - .080	.518	.338	.005 - .010
.500	.173	.005 - .010	.500	.318	.010 - .020	.501	.380	.005 - .010	.505								

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.520	.194	.050 - .060	.528	.308	.005 - .010	.532	.250	.005 - .015	.539	.425	.005 - .010	.545	.442	.005 - .010	.550	.408	.040 - .060
.520	.208	.015 - .020	.528	.360	.025 - .040	.532	.329	.040 - .075	.539	.447	.005 - .010	.545	.445	.005 - .010	.550	.409	.060 - .075
.520	.224	.005 - .010	.528	.410	.040 - .060	.532	.381	.030 - .050	.539	.469	.007 - .015	.546	.217	.005 - .010	.550	.415	.005 - .010
.520	.311	.020 - .035	.528	.439	.010 - .020	.532	.395	.005 - .010	.540	.162	.032 - .062	.546	.259	.005 - .010	.550	.421	.020 - .040
.520	.324	.005 - .010	.528	.453	.005 - .010	.532	.451	.005 - .010	.540	.186	.060 - .070	.546	.271	.010 - .020	.550	.427	.025 - .042
.520	.328	.020 - .040	.529	.132	.005 - .010	.532	.468	.020 - .040	.540	.220	.020 - .040	.546	.305	.005 - .010	.550	.429	.035 - .050
.520	.333	.005 - .010	.529	.175	.015 - .030	.532	.490	.012 - .020	.540	.229	.030 - .050	.546	.365	.005 - .010	.550	.479	.005 - .010
.520	.346	.020 - .030	.529	.234	.070 - .090	.533	.067	.010 - .020	.540	.262	.010 - .020	.546	.375	.030 - .050	.550	.487	.010 - .020
.520	.380	.005 - .010	.529	.280	.015 - .030	.533	.201	.010 - .020	.540	.280	.030 - .060	.546	.378	.015 - .030	.550	.498	.005 - .010
.520	.392	.005 - .010	.529	.313	.030 - .048	.533	.224	.040 - .060	.540	.282	.042 - .062	.546	.410	.020 - .030	.551	.081	.005 - .010
.520	.430	.010 - .020	.529	.331	.020 - .040	.533	.236	.005 - .010	.540	.284	.015 - .030	.546	.435	.020 - .040	.551	.095	.012 - .020
.520	.440	.005 - .010	.529	.375	.050 - .075	.533	.240	.050 - .070	.540	.320	.005 - .010	.547	.144	.005 - .010	.551	.141	.005 - .010
.520	.455	.005 - .010	.529	.385	.005 - .010	.533	.266	.090 - .105	.540	.321	.010 - .020	.547	.160	.010 - .015	.551	.161	.005 - .010
.520	.480	.010 - .020	.529	.439	.015 - .030	.533	.274	.005 - .010	.540	.333	.015 - .025	.547	.214	.005 - .010	.551	.166	.030 - .105
.521	.145	.075 - .090	.530	.066	.035 - .060	.533	.367	.070 - .090	.540	.347	.078 - .104	.547	.256	.005 - .010	.551	.172	.080 - .100
.521	.239	.040 - .050	.530	.090	.010 - .020	.533	.389	.020 - .030	.540	.348	.015 - .030	.547	.258	.005 - .010	.551	.201	.005 - .010
.521	.325	.010 - .020	.530	.099	.015 - .030	.533	.411	.010 - .025	.540	.367	.010 - .020	.547	.293	.060 - .070	.551	.220	.015 - .025
.521	.340	.072 - .090	.530	.130	.040 - .060	.534	.039	.015 - .030	.540	.388	.050 - .070	.547	.296	.010 - .130	.551	.225	.070 - .090
.521	.380	.025 - .040	.530	.153	.080 - .104	.534	.131	.030 - .050	.540	.391	.030 - .050	.547	.312	.005 - .010	.551	.236	.005 - .010
.521	.440	.005 - .010	.530	.180	.005 - .010	.534	.186	.070 - .090	.540	.392	.010 - .020	.547	.317	.050 - .070	.551	.238	.005 - .020
.522	.251	.042 - .072	.530	.191	.005 - .010	.534	.193	.015 - .030	.540	.395	.005 - .010	.547	.320	.030 - .050	.551	.240	.005 - .050
.522	.265	.005 - .010	.530	.206	.100 - .125	.534	.207	.030 - .050	.540	.399	.025 - .040	.547	.365	.005 - .010	.551	.246	.060 - .080
.522	.279	.005 - .010	.530	.219	.030 - .050	.534	.220	.005 - .010	.540	.408	.015 - .025	.547	.405	.005 - .020	.551	.253	.005 - .010
.522	.290	.040 - .050	.530	.222	.020 - .035	.534	.284	.060 - .083	.540	.409	.005 - .010	.548	.095	.040 - .060	.551	.264	.070 - .090
.522	.353	.015 - .025	.530	.253	.005 - .010	.534	.361	.062 - .080	.540	.413	.040 - .050	.548	.170	.050 - .070	.551	.278	.005 - .010
.522	.413	.030 - .050	.530	.254	.015 - .030	.534	.394	.030 - .050	.540	.420	.015 - .030	.548	.211	.015 - .030	.551	.284	.030 - .050
.522	.435	.015 - .030	.530	.255	.015 - .030	.534	.441	.030 - .042	.540	.446	.005 - .010	.548	.303	.005 - .016	.551	.294	.012 - .025
.522	.437	.005 - .010	.530	.270	.100 - .125	.535	.064	.012 - .020	.541	.152	.060 - .090	.548	.325	.060 - .080	.551	.300	.020 - .040
.523	.118	.025 - .040	.530	.272	.100 - .125	.535	.228	.075 - .104	.541	.275	.010 - .020	.548	.329	.025 - .040	.551	.315	.005 - .010
.523	.252	.070 - .090	.530	.273	.100 - .125	.535	.238	.010 - .020	.541	.300	.010 - .020	.548	.397	.005 - .010	.551	.316	.005 - .050
.523	.273	.005 - .010	.530	.277	.005 - .010	.535	.239	.005 - .010	.541	.306	.010 - .020	.548	.401	.050 - .070	.551	.317	.005 - .010
.523	.396	.015 - .030	.530	.281	.040 - .050	.535	.244	.015 - .030	.541	.314	.050 - .060	.548	.452	.030 - .050	.551	.318	.050 - .070
.523	.402	.005 - .010	.530	.312	.005 - .010	.535	.298	.010 - .020	.541	.319	.030 - .050	.548	.453	.025 - .040	.551	.320	.005 - .010
.523	.406	.032 - .050	.530	.314	.015 - .070	.535	.310	.025 - .042	.541	.375	.030 - .050	.549	.099	.005 - .010	.551	.321	.005 - .010
.523	.411	.040 - .060	.530	.315	.010 - .020	.535	.314	.005 - .010	.541	.378	.040 - .060	.549	.216	.005 - .010	.551	.322	.005 - .010
.523	.428	.015 - .030	.530	.316	.025 - .040	.535	.318	.005 - .010	.541	.402	.005 - .030	.549	.316	.005 - .010	.551	.330	.050 - .070
.524	.286	.030 - .048	.530	.320	.025 - .040	.535	.320	.016 - .025	.541	.407	.040 - .060	.549	.326	.005 - .010	.551	.357	.015 - .030
.524	.323	.020 - .060	.530	.321	.010 - .020	.535	.325	.010 - .020	.541	.415	.005 - .010	.549	.334	.025 - .040	.551	.377	.010 - .020
.524	.387	.015 - .025	.530	.344	.060 - .083	.535	.335	.005 - .010	.542	.172	.010 - .020	.549	.452	.030 - .060	.551	.378	.010 - .100
.524	.396	.005 - .010	.530	.375	.005 - .010	.535	.338	.025 - .040	.542	.175	.020 - .040	.549	.455	.010 - .020	.551	.385	.005 - .010
.524	.409	.010 - .020	.530	.377	.005 - .010	.535	.343	.008 - .015	.542	.178	.030 - .050	.549	.476	.005 - .010	.551	.387	.010 - .020
.524	.441	.005 - .010	.530	.385	.050 - .060	.535	.357	.005 - .010	.542	.303	.060 - .080	.550	.032	.010 - .020	.551	.394	.005 - .040
.524	.463	.025 - .040	.530	.388	.010 - .020	.535	.378	.012 - .025	.542	.380	.040 - .060	.550	.105	.042 - .060	.551	.395	.050 - .070
.525	.068	.015 - .032	.530	.393	.005 - .010	.535	.379	.010 - .020	.542	.395	.005 - .010	.550	.120	.005 - .060	.551	.399	.010 - .040
.525	.156	.090 - .105	.530	.397	.025 - .035	.535	.384	.010 - .020	.542	.437	.010 - .020	.550	.140	.020 - .040	.551	.418	.036 - .060
.525	.187	.015 - .030	.530	.403	.005 - .010	.535	.445	.005 - .010	.542	.440	.020 - .040	.550	.158	.005 - .010	.551	.443	.010 - .025
.525	.201	.060 - .080	.530	.417	.005 - .010	.536	.105	.030 - .050	.542	.453	.005 - .010	.550	.159	.090 - .100	.551	.461	.005 - .010
.525	.252	.005 - .010	.530	.441	.005 - .010	.536	.191	.075 - .090	.543	.198	.040 - .060	.550	.173	.015 - .030	.551	.472	.005 - .030
.525	.258	.060 - .080	.530	.450	.015 - .030	.536	.242	.005 - .010	.543	.253	.040 - .060	.550	.190	.020 - .030	.552	.093	.025 - .040
.525	.308	.005 - .010	.530	.468	.005 - .030	.536	.259	.100 - .125	.543	.316	.020 - .040	.550	.193	.005 - .060	.552	.094	.005 - .008
.525	.346	.060 - .080	.530	.490	.005 - .010	.536	.264	.010 - .020	.543	.333	.005 - .010	.550	.197	.005 - .010	.552	.129	.031 - .048
.525	.357	.005 - .010	.531	.143	.015 - .050	.536	.264	.030 - .050	.543	.346	.030 - .050	.550	.208	.048 - .062	.552	.160	.020 - .040
.525	.358	.070 - .080	.531	.158	.032 - .048	.536	.276	.005 - .010	.543	.377	.015 - .025	.550	.240	.010 - .020	.552	.202	.015 - .030
.525	.375	.005 - .010	.531	.180	.050 - .075	.536	.324	.025 - .040	.543	.433	.005 - .010	.550	.245	.020 - .040	.552	.212	.060 - .080
.525	.378	.030 - .050	.531	.191	.012 - .020	.536	.346	.010 - .015	.543	.441	.005 - .010	.550	.250	.040 - .100	.552	.220	.005 - .010
.525	.390	.060 - .080	.531	.200	.015 - .030	.537	.104	.016 - .025	.544	.189	.005 - .010	.550	.255	.020 - .032	.552	.237	.005 - .020
.525	.401	.020 - .040	.531	.202	.015 - .030	.537	.243	.105 - .125	.544	.206	.020 - .040	.550	.259	.005 - .040	.552	.238	.005 - .010
.525	.428	.005 - .015	.531	.206	.005 - .030	.537	.283	.105 - .125	.544	.226	.010 - .020	.550	.266	.010 - .020	.552	.240	.010 - .020
.526	.195	.030 - .050	.531	.213	.005 - .010	.537	.370	.040 - .060	.544	.227	.020 - .040	.550	.271	.005 - .010	.552	.276	.030 - .040
.526	.203	.030 - .050	.531	.230	.105 - .125	.537	.375	.005 - .010	.544	.311	.030 - .040	.550	.282	.035 - .125	.552	.286	.010 - .020
.526	.256	.030 - .050	.531	.254	.060 - .083	.537	.394	.010 - .020	.544	.324	.005 - .010	.550	.300	.042 - .062	.552	.305	.025 - .060
.526	.270	.010 - .020	.531	.257	.010 - .060	.537	.409	.025 - .040	.544	.325	.020 - .040	.550	.304	.030 - .060	.552	.319	.005 - .010
.526	.357	.005 - .010	.531	.264	.030 - .050	.538	.210	.030 - .060	.544	.385	.005 - .010	.550	.315	.005 - .048	.552	.320	.090 - .110
.526	.437	.015 - .030	.531	.271	.025 - .035	.538	.219	.005 - .010	.544	.421	.005 - .010	.550	.316	.005 - .030	.552	.321	.005 - .010
.527	.129	.015 - .025	.531	.295	.015 - .030	.538	.257	.015 - .030	.544	.449	.015 - .030	.550	.317	.015 - .030	.552	.387	.040 - .060
.527	.145	.005 - .010	.531	.317	.010 - .060	.538	.309	.010 - .020	.544	.463	.005 - .010	.550	.319	.005 - .010	.552	.395	.005 - .015
.527	.346	.040 - .060	.531	.330	.040 - .060	.538	.340	.030 - .050	.544	.502	.010 - .020	.550	.322	.030 - .050	.552	.396	.050 - .075
.527	.348	.032 - .050	.531	.335	.090 - .120	.538	.342	.040 - .060	.545	.100	.042 - .060	.550	.323	.008 - .020	.552	.397	.00

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.553	.320	.005 - .010	.559	.480	.005 - .010	.561	.320	.090 - .110	.562	.420	.020 - .070	.566	.270	.005 - .010	.573	.129	.050 - .070
.553	.396	.015 - .030	.559	.507	.005 - .010	.561	.331	.100 - .115	.562	.437	.015 - .075	.566	.299	.050 - .075	.573	.130	.050 - .070
.554	.154	.015 - .030	.560	.113	.015 - .030	.561	.359	.005 - .010	.562	.439	.010 - .025	.566	.321	.005 - .010	.573	.205	.050 - .070
.554	.240	.005 - .010	.560	.118	.016 - .030	.561	.360	.015 - .025	.562	.440	.020 - .040	.566	.322	.005 - .010	.573	.266	.025 - .040
.554	.249	.030 - .050	.560	.120	.075 - .104	.561	.367	.005 - .010	.562	.500	.005 - .010	.566	.328	.010 - .015	.573	.384	.020 - .040
.554	.258	.025 - .035	.560	.128	.015 - .030	.561	.377	.020 - .030	.562	.505	.020 - .030	.566	.330	.040 - .060	.573	.394	.040 - .060
.554	.318	.090 - .110	.560	.131	.060 - .083	.561	.381	.075 - .093	.563	.101	.025 - .040	.566	.334	.005 - .060	.573	.395	.025 - .045
.554	.330	.005 - .010	.560	.135	.050 - .070	.561	.397	.020 - .032	.563	.116	.060 - .080	.566	.342	.093 - .104	.573	.402	.050 - .060
.554	.370	.005 - .020	.560	.149	.005 - .020	.561	.407	.005 - .010	.563	.145	.005 - .010	.566	.378	.060 - .090	.573	.474	.030 - .050
.554	.379	.010 - .020	.560	.161	.040 - .062	.561	.421	.005 - .010	.563	.176	.025 - .040	.566	.446	.040 - .060	.573	.525	.015 - .025
.554	.405	.030 - .048	.560	.172	.005 - .010	.561	.435	.010 - .020	.563	.186	.100 - .125	.566	.447	.040 - .060	.574	.199	.025 - .042
.554	.440	.020 - .040	.560	.180	.005 - .015	.561	.440	.035 - .060	.563	.191	.020 - .030	.566	.448	.010 - .020	.574	.296	.015 - .030
.554	.468	.010 - .025	.560	.190	.030 - .050	.561	.459	.010 - .020	.563	.194	.100 - .125	.566	.450	.015 - .030	.574	.297	.090 - .105
.555	.125	.030 - .050	.560	.192	.008 - .016	.562	.090	.005 - .010	.563	.197	.030 - .050	.566	.505	.015 - .025	.574	.298	.005 - .010
.555	.131	.060 - .080	.560	.194	.032 - .048	.562	.130	.005 - .010	.563	.218	.005 - .125	.566	.507	.005 - .010	.574	.300	.032 - .062
.555	.154	.020 - .040	.560	.196	.015 - .025	.562	.134	.030 - .050	.563	.247	.020 - .030	.567	.190	.010 - .020	.574	.397	.005 - .010
.555	.173	.105 - .135	.560	.200	.005 - .010	.562	.146	.032 - .050	.563	.253	.005 - .015	.567	.227	.007 - .012	.574	.406	.020 - .030
.555	.250	.010 - .020	.560	.202	.032 - .050	.562	.148	.040 - .060	.563	.259	.030 - .050	.567	.234	.010 - .020	.574	.482	.070 - .090
.555	.253	.080 - .104	.560	.203	.012 - .020	.562	.152	.035 - .050	.563	.277	.020 - .040	.567	.260	.040 - .060	.575	.151	.040 - .062
.555	.265	.020 - .040	.560	.206	.005 - .010	.562	.158	.036 - .075	.563	.285	.100 - .125	.567	.263	.030 - .050	.575	.180	.010 - .020
.555	.308	.005 - .010	.560	.207	.030 - .050	.562	.165	.008 - .015	.563	.313	.005 - .042	.567	.301	.040 - .060	.575	.186	.070 - .090
.555	.318	.005 - .010	.560	.225	.006 - .010	.562	.166	.050 - .070	.563	.317	.010 - .040	.567	.336	.090 - .104	.575	.189	.080 - .100
.555	.320	.060 - .080	.560	.226	.015 - .025	.562	.169	.005 - .010	.563	.318	.005 - .010	.567	.379	.015 - .025	.575	.199	.060 - .080
.555	.328	.050 - .078	.560	.228	.060 - .083	.562	.191	.040 - .060	.563	.320	.015 - .030	.567	.408	.040 - .060	.575	.200	.025 - .042
.555	.356	.050 - .060	.560	.246	.040 - .060	.562	.193	.040 - .060	.563	.321	.072 - .090	.567	.409	.030 - .050	.575	.251	.010 - .020
.555	.360	.050 - .070	.560	.254	.100 - .120	.562	.194	.060 - .080	.563	.350	.015 - .025	.567	.417	.050 - .060	.575	.258	.005 - .030
.555	.438	.005 - .010	.560	.258	.060 - .080	.562	.195	.050 - .070	.563	.359	.025 - .040	.567	.504	.020 - .030	.575	.260	.075 - .090
.555	.440	.005 - .010	.560	.259	.048 - .060	.562	.202	.030 - .050	.563	.373	.015 - .030	.568	.109	.040 - .060	.575	.276	.005 - .010
.555	.443	.015 - .030	.560	.262	.005 - .010	.562	.204	.075 - .090	.563	.376	.072 - .090	.568	.138	.005 - .010	.575	.287	.005 - .010
.555	.445	.005 - .010	.560	.263	.010 - .050	.562	.205	.020 - .040	.563	.377	.010 - .020	.568	.210	.042 - .072	.575	.312	.100 - .125
.555	.475	.030 - .045	.560	.273	.010 - .020	.562	.207	.005 - .010	.563	.379	.015 - .060	.568	.224	.005 - .010	.575	.320	.020 - .040
.556	.120	.030 - .050	.560	.280	.040 - .060	.562	.218	.048 - .072	.563	.380	.015 - .090	.568	.239	.005 - .010	.575	.322	.010 - .020
.556	.123	.030 - .060	.560	.286	.005 - .010	.562	.222	.010 - .070	.563	.381	.010 - .020	.568	.255	.050 - .070	.575	.335	.016 - .025
.556	.136	.030 - .050	.560	.295	.005 - .010	.562	.233	.005 - .015	.563	.385	.020 - .030	.568	.305	.005 - .010	.575	.346	.005 - .030
.556	.172	.040 - .060	.560	.311	.005 - .010	.562	.240	.050 - .070	.563	.387	.020 - .050	.568	.312	.050 - .062	.575	.360	.025 - .042
.556	.197	.030 - .050	.560	.313	.062 - .120	.562	.241	.015 - .030	.563	.398	.030 - .050	.568	.317	.005 - .010	.575	.394	.060 - .080
.556	.200	.005 - .010	.560	.316	.005 - .010	.562	.251	.110 - .130	.563	.405	.030 - .080	.568	.360	.005 - .010	.575	.399	.060 - .090
.556	.263	.005 - .010	.560	.317	.040 - .060	.562	.253	.005 - .010	.563	.408	.020 - .030	.568	.378	.010 - .030	.575	.412	.010 - .020
.556	.281	.075 - .104	.560	.320	.020 - .040	.562	.257	.062 - .090	.563	.433	.020 - .040	.568	.413	.015 - .025	.575	.430	.010 - .020
.556	.317	.040 - .060	.560	.326	.005 - .010	.562	.261	.030 - .050	.563	.439	.005 - .015	.568	.414	.020 - .040	.575	.440	.040 - .060
.556	.323	.040 - .060	.560	.331	.005 - .015	.562	.263	.005 - .030	.563	.445	.015 - .030	.568	.440	.030 - .040	.575	.446	.010 - .030
.556	.327	.010 - .020	.560	.336	.005 - .010	.562	.264	.015 - .030	.563	.450	.005 - .010	.569	.205	.050 - .070	.575	.464	.020 - .040
.556	.383	.040 - .060	.560	.343	.040 - .060	.562	.265	.050 - .090	.563	.467	.025 - .042	.569	.207	.025 - .040	.575	.485	.005 - .040
.556	.441	.005 - .010	.560	.345	.090 - .110	.562	.266	.100 - .125	.564	.118	.005 - .010	.569	.243	.010 - .015	.576	.147	.090 - .104
.557	.242	.010 - .020	.560	.370	.005 - .010	.562	.269	.030 - .050	.564	.195	.090 - .105	.569	.257	.005 - .010	.576	.218	.030 - .040
.557	.262	.010 - .020	.560	.375	.050 - .070	.562	.275	.050 - .075	.564	.208	.040 - .050	.569	.324	.015 - .075	.576	.500	.020 - .030
.557	.276	.005 - .010	.560	.377	.005 - .015	.562	.281	.032 - .050	.564	.214	.030 - .050	.569	.447	.020 - .040	.577	.096	.012 - .025
.557	.317	.020 - .060	.560	.379	.020 - .040	.562	.282	.080 - .100	.564	.252	.075 - .090	.569	.470	.015 - .025	.577	.199	.060 - .090
.557	.380	.040 - .060	.560	.380	.005 - .010	.562	.285	.050 - .070	.564	.253	.040 - .060	.569	.472	.012 - .020	.577	.253	.050 - .070
.557	.387	.025 - .040	.560	.381	.015 - .060	.562	.289	.050 - .070	.564	.256	.020 - .040	.569	.474	.005 - .010	.577	.290	.050 - .070
.557	.396	.050 - .070	.560	.384	.005 - .010	.562	.290	.025 - .040	.564	.283	.005 - .020	.569	.481	.030 - .050	.577	.325	.042 - .062
.557	.421	.010 - .020	.560	.390	.030 - .060	.562	.297	.010 - .020	.564	.286	.015 - .030	.570	.170	.080 - .090	.577	.328	.090 - .120
.557	.446	.020 - .040	.560	.392	.035 - .060	.562	.304	.020 - .030	.564	.311	.025 - .040	.570	.193	.015 - .030	.577	.353	.025 - .040
.558	.288	.005 - .010	.560	.401	.005 - .010	.562	.309	.005 - .010	.564	.337	.010 - .020	.570	.206	.105 - .125	.577	.376	.010 - .025
.558	.327	.050 - .070	.560	.410	.005 - .010	.562	.313	.010 - .020	.564	.352	.005 - .010	.570	.232	.025 - .042	.577	.425	.005 - .020
.558	.331	.020 - .050	.560	.420	.005 - .010	.562	.314	.080 - .104	.564	.384	.005 - .010	.570	.233	.050 - .075	.578	.173	.025 - .042
.558	.360	.005 - .012	.560	.421	.030 - .050	.562	.315	.020 - .070	.564	.386	.030 - .048	.570	.236	.025 - .042	.578	.203	.005 - .060
.558	.361	.036 - .060	.560	.426	.020 - .040	.562	.318	.005 - .075	.564	.392	.050 - .072	.570	.273	.005 - .010	.578	.239	.080 - .090
.558	.414	.030 - .050	.560	.459	.005 - .015	.562	.320	.005 - .060	.564	.445	.005 - .010	.570	.277	.005 - .010	.578	.257	.050 - .075
.558	.486	.005 - .030	.560	.485	.020 - .032	.562	.326	.005 - .030	.564	.500	.020 - .040	.570	.278	.030 - .050	.578	.266	.020 - .060
.559	.032	.020 - .030	.560	.500	.020 - .032	.562	.328	.050 - .070	.564	.504	.005 - .010	.570	.282	.025 - .042	.578	.355	.005 - .010
.559	.060	.015 - .025	.561	.105	.015 - .030	.562	.329	.025 - .040	.564	.507	.005 - .010	.570	.316	.010 - .020	.578	.400	.005 - .010
.559	.128	.005 - .010	.561	.127	.020 - .040	.562	.331	.080 - .100	.565	.066	.005 - .010	.570	.318	.015 - .030	.578	.407	.050 - .070
.559	.135	.005 - .010	.561	.161	.005 - .010	.562	.332	.020 - .040	.565	.093	.080 - .090	.570	.325	.020 - .040	.578	.468	.010 - .020
.559	.145	.015 - .030	.561	.166	.060 - .083	.562	.343	.005 - .050	.565	.120	.015 - .030	.570	.369	.005 - .010	.578	.526	.010 - .020
.559	.209	.060 - .080	.561	.173	.005 - .010	.562	.344	.060 - .080	.565	.174	.025 - .040	.570	.377	.005 - .010	.579	.138	.031 - .042
.559	.216	.020 - .040	.561	.174	.075 - .090	.562	.370	.020 - .040	.565	.186	.010 - .015	.570	.380	.010 - .020	.579	.174	.020 - .040
.559	.225	.005 - .010	.561	.175	.015 - .030	.562	.374	.005 - .010	.565	.236	.083 - .105	.570	.433	.010 - .020	.579	.188	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.580	.213	.050 - .075	.588	.260	.040 - .060	.592	.147	.005 - .010	.597	.305	.025 - .040	.600	.337	.020 - .040	.606	.462	.020 - .040
.580	.218	.093 - .125	.588	.282	.030 - .040	.592	.221	.005 - .010	.597	.388	.005 - .015	.600	.346	.005 - .010	.606	.480	.040 - .060
.580	.250	.030 - .040	.588	.300	.005 - .020	.592	.236	.005 - .010	.597	.406	.025 - .040	.600	.361	.015 - .030	.606	.505	.015 - .030
.580	.251	.050 - .070	.588	.386	.010 - .020	.592	.258	.030 - .050	.597	.452	.016 - .040	.600	.370	.040 - .060	.607	.247	.020 - .040
.580	.255	.050 - .070	.588	.406	.040 - .060	.592	.315	.010 - .015	.597	.470	.015 - .030	.600	.380	.015 - .090	.607	.251	.030 - .050
.580	.257	.020 - .070	.588	.417	.040 - .060	.592	.317	.005 - .010	.597	.512	.020 - .030	.600	.383	.010 - .020	.607	.333	.005 - .010
.580	.258	.080 - .104	.589	.178	.060 - .080	.592	.322	.005 - .010	.597	.513	.020 - .030	.600	.386	.010 - .020	.607	.388	.080 - .105
.580	.260	.005 - .010	.589	.232	.070 - .090	.592	.330	.040 - .062	.598	.159	.015 - .030	.600	.401	.010 - .020	.607	.461	.005 - .010
.580	.283	.005 - .010	.589	.311	.030 - .050	.592	.332	.005 - .010	.598	.180	.005 - .010	.600	.406	.020 - .030	.607	.531	.005 - .010
.580	.324	.025 - .035	.589	.314	.005 - .015	.592	.389	.005 - .010	.598	.215	.032 - .062	.600	.408	.040 - .060	.608	.204	.010 - .020
.580	.330	.080 - .104	.589	.341	.040 - .062	.592	.394	.040 - .060	.598	.264	.010 - .020	.600	.413	.010 - .020	.608	.249	.030 - .050
.580	.346	.042 - .062	.589	.348	.040 - .060	.592	.396	.040 - .060	.598	.271	.025 - .040	.600	.421	.005 - .010	.608	.252	.015 - .040
.580	.377	.090 - .105	.589	.376	.015 - .030	.592	.397	.020 - .040	.598	.304	.025 - .040	.600	.434	.005 - .010	.608	.253	.020 - .040
.580	.379	.005 - .010	.589	.410	.062 - .078	.592	.453	.020 - .042	.598	.313	.005 - .020	.600	.438	.005 - .010	.608	.254	.020 - .040
.580	.380	.010 - .020	.589	.444	.040 - .060	.592	.472	.040 - .060	.598	.321	.010 - .020	.600	.440	.010 - .020	.608	.283	.020 - .040
.580	.390	.005 - .010	.589	.446	.020 - .030	.592	.497	.005 - .010	.598	.340	.005 - .010	.600	.442	.030 - .050	.608	.293	.040 - .060
.580	.398	.005 - .010	.589	.455	.030 - .050	.593	.082	.032 - .062	.598	.387	.025 - .040	.600	.450	.040 - .060	.608	.350	.020 - .032
.580	.416	.042 - .062	.590	.066	.005 - .010	.593	.096	.005 - .010	.598	.412	.031 - .048	.600	.460	.030 - .050	.608	.392	.030 - .050
.580	.417	.005 - .010	.590	.115	.032 - .062	.593	.129	.005 - .012	.598	.442	.025 - .040	.600	.498	.005 - .010	.608	.397	.005 - .020
.580	.431	.005 - .010	.590	.118	.015 - .030	.593	.190	.032 - .060	.598	.494	.040 - .060	.600	.503	.005 - .010	.608	.505	.015 - .030
.580	.432	.010 - .032	.590	.145	.005 - .010	.593	.195	.015 - .030	.598	.504	.005 - .010	.600	.505	.020 - .030	.608	.509	.010 - .025
.580	.444	.025 - .040	.590	.147	.005 - .020	.593	.196	.015 - .040	.598	.506	.040 - .050	.600	.517	.005 - .010	.608	.518	.020 - .040
.580	.450	.025 - .040	.590	.199	.060 - .080	.593	.261	.005 - .010	.598	.511	.005 - .015	.600	.550	.005 - .010	.609	.128	.030 - .050
.580	.481	.010 - .030	.590	.201	.005 - .010	.593	.265	.025 - .042	.598	.527	.005 - .010	.601	.159	.080 - .100	.609	.274	.005 - .010
.580	.516	.020 - .030	.590	.202	.030 - .050	.593	.301	.050 - .070	.599	.128	.060 - .080	.601	.165	.005 - .010	.609	.297	.020 - .032
.581	.197	.090 - .125	.590	.209	.125 - .156	.593	.311	.020 - .050	.599	.149	.025 - .042	.601	.227	.005 - .030	.609	.400	.040 - .060
.581	.223	.050 - .070	.590	.237	.005 - .010	.593	.318	.005 - .010	.599	.189	.010 - .020	.601	.228	.005 - .010	.609	.487	.030 - .060
.581	.437	.030 - .050	.590	.238	.005 - .010	.593	.319	.015 - .030	.599	.201	.075 - .090	.601	.257	.030 - .050	.609	.506	.020 - .030
.582	.063	.020 - .040	.590	.250	.070 - .090	.593	.392	.075 - .095	.599	.254	.080 - .090	.601	.313	.020 - .040	.609	.546	.015 - .025
.582	.180	.030 - .050	.590	.290	.040 - .060	.593	.399	.010 - .020	.599	.257	.050 - .070	.601	.315	.040 - .060	.609	.551	.015 - .025
.582	.220	.015 - .030	.590	.292	.010 - .020	.593	.407	.100 - .120	.599	.378	.030 - .050	.601	.357	.060 - .080	.610	.094	.060 - .080
.582	.286	.020 - .040	.590	.295	.005 - .010	.593	.410	.005 - .010	.599	.383	.030 - .050	.601	.376	.005 - .020	.610	.100	.040 - .060
.582	.400	.015 - .030	.590	.314	.060 - .080	.593	.437	.005 - .010	.599	.400	.035 - .050	.601	.377	.010 - .020	.610	.191	.040 - .060
.583	.259	.005 - .010	.590	.316	.005 - .010	.593	.453	.005 - .010	.599	.401	.005 - .010	.601	.378	.005 - .010	.610	.204	.010 - .030
.583	.344	.070 - .090	.590	.317	.040 - .090	.593	.464	.015 - .030	.599	.408	.005 - .060	.601	.391	.025 - .040	.610	.206	.104 - .125
.583	.378	.015 - .030	.590	.318	.030 - .050	.593	.468	.020 - .040	.599	.413	.025 - .040	.601	.401	.040 - .060	.610	.209	.104 - .125
.583	.410	.030 - .050	.590	.324	.005 - .010	.593	.472	.005 - .010	.599	.415	.005 - .010	.601	.428	.010 - .020	.610	.248	.020 - .032
.584	.301	.005 - .010	.590	.327	.050 - .075	.593	.478	.005 - .015	.599	.476	.050 - .070	.601	.438	.005 - .010	.610	.250	.020 - .040
.584	.327	.005 - .010	.590	.329	.042 - .062	.593	.497	.005 - .010	.599	.489	.005 - .010	.601	.461	.005 - .010	.610	.258	.040 - .090
.584	.350	.005 - .010	.590	.331	.010 - .020	.593	.518	.020 - .030	.600	.041	.015 - .025	.601	.480	.005 - .010	.610	.273	.005 - .010
.584	.358	.005 - .010	.590	.334	.005 - .010	.594	.061	.015 - .030	.600	.046	.005 - .010	.602	.101	.080 - .100	.610	.317	.010 - .020
.584	.431	.005 - .010	.590	.339	.035 - .060	.594	.283	.005 - .010	.600	.066	.020 - .035	.602	.180	.050 - .080	.610	.321	.080 - .100
.584	.446	.030 - .050	.590	.340	.010 - .050	.594	.312	.010 - .020	.600	.076	.020 - .030	.602	.254	.005 - .010	.610	.328	.050 - .075
.585	.104	.025 - .040	.590	.344	.032 - .050	.594	.315	.005 - .010	.600	.077	.005 - .010	.602	.255	.040 - .060	.610	.335	.015 - .030
.585	.175	.010 - .020	.590	.345	.040 - .060	.594	.325	.005 - .010	.600	.089	.020 - .040	.602	.407	.025 - .040	.610	.352	.020 - .040
.585	.183	.015 - .030	.590	.355	.005 - .010	.594	.358	.015 - .025	.600	.118	.015 - .030	.602	.486	.040 - .060	.610	.365	.010 - .020
.585	.257	.020 - .040	.590	.376	.020 - .032	.594	.375	.070 - .090	.600	.119	.080 - .100	.603	.227	.030 - .050	.610	.367	.020 - .030
.585	.264	.025 - .040	.590	.378	.005 - .010	.594	.378	.005 - .104	.600	.128	.032 - .048	.603	.479	.040 - .060	.610	.375	.050 - .060
.585	.290	.090 - .105	.590	.379	.025 - .040	.594	.383	.015 - .030	.600	.138	.040 - .105	.603	.498	.010 - .020	.610	.376	.060 - .125
.585	.327	.050 - .070	.590	.386	.005 - .010	.594	.405	.005 - .010	.600	.156	.025 - .040	.603	.504	.010 - .020	.610	.380	.010 - .020
.585	.328	.070 - .090	.590	.390	.032 - .062	.594	.423	.025 - .040	.600	.157	.025 - .040	.604	.252	.005 - .010	.610	.395	.015 - .030
.585	.364	.060 - .080	.590	.396	.005 - .012	.594	.452	.040 - .060	.600	.168	.070 - .090	.604	.255	.005 - .010	.610	.409	.005 - .010
.585	.366	.040 - .050	.590	.397	.005 - .050	.594	.506	.015 - .025	.600	.176	.005 - .010	.604	.307	.005 - .010	.610	.438	.050 - .070
.585	.372	.025 - .040	.590	.401	.005 - .010	.595	.144	.008 - .016	.600	.200	.005 - .010	.604	.308	.010 - .030	.610	.460	.040 - .060
.585	.377	.005 - .010	.590	.410	.040 - .060	.595	.186	.070 - .090	.600	.203	.020 - .040	.604	.340	.040 - .060	.610	.461	.060 - .075
.585	.380	.005 - .010	.590	.426	.070 - .080	.595	.193	.075 - .090	.600	.203	.100 - .120	.604	.347	.031 - .042	.610	.472	.050 - .075
.585	.390	.020 - .040	.590	.430	.005 - .060	.595	.195	.010 - .020	.600	.207	.015 - .030	.604	.381	.025 - .040	.610	.476	.040 - .060
.585	.397	.005 - .010	.590	.439	.005 - .010	.595	.251	.010 - .020	.600	.209	.040 - .060	.604	.384	.015 - .030	.610	.550	.005 - .010
.585	.405	.050 - .070	.590	.471	.015 - .025	.595	.253	.020 - .030	.600	.210	.075 - .090	.604	.407	.005 - .030	.611	.089	.040 - .060
.586	.132	.010 - .020	.590	.480	.005 - .020	.595	.256	.015 - .030	.600	.215	.005 - .010	.604	.439	.030 - .050	.611	.192	.020 - .030
.586	.327	.015 - .030	.590	.498	.025 - .040	.595	.320	.010 - .020	.600	.217	.050 - .075	.604	.502	.010 - .020	.611	.243	.062 - .090
.586	.415	.005 - .010	.590	.523	.005 - .008	.595	.353	.025 - .040	.600	.236	.005 - .010	.604	.508	.015 - .030	.611	.250	.062 - .090
.586	.433	.040 - .060	.591	.079	.020 - .030	.595	.359	.005 - .010	.600	.237	.040 - .060	.605	.163	.015 - .030	.611	.259	.040 - .060
.586	.447	.005 - .010	.591	.115	.020 - .040	.595	.413	.050 - .070	.600	.241	.005 - .030	.605	.190	.020 - .040	.611	.261	.005 - .010
.586	.477	.005 - .010	.591	.161	.050 - .070	.595	.430	.040 - .060	.600	.252	.005 - .010	.605	.313	.015 - .030	.611	.265	.105 - .125
.586	.484	.005 - .010	.591	.200	.040 - .060	.595	.436	.005 - .010	.600	.253	.005 - .060	.605	.317	.075 - .090	.611	.273	.005 - .010
.586	.500	.030 - .040	.591	.216	.050 - .070	.595	.437	.040 - .060	.600	.254	.015 - .030	.605	.359	.025 - .040	.611	.278	.005 - .010
.586	.525	.005 - .010	.591	.217	.015 - .025	.595	.495	.030 - .050	.600	.255	.005 - .010	.605	.388	.070 - .090	.611	.315	.05

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.612	.288	.010 - .020	.616	.323	.010 - .020	.620	.252	.020 - .040	.622	.180	.016 - .025	.623	.424	.005 - .010	.625	.166	.025 - .042
.612	.433	.040 - .060	.616	.328	.025 - .040	.620	.254	.010 - .020	.622	.190	.020 - .040	.623	.437	.020 - .040	.625	.171	.005 - .010
.612	.440	.042 - .062	.616	.377	.050 - .090	.620	.255	.015 - .020	.622	.191	.005 - .010	.623	.460	.050 - .075	.625	.171	.015 - .125
.612	.444	.010 - .030	.616	.384	.005 - .010	.620	.257	.040 - .060	.622	.196	.030 - .048	.623	.465	.012 - .020	.625	.187	.025 - .050
.612	.467	.005 - .010	.616	.386	.062 - .083	.620	.260	.005 - .010	.622	.205	.030 - .050	.623	.474	.008 - .016	.625	.188	.005 - .010
.612	.510	.040 - .050	.616	.410	.005 - .010	.620	.268	.005 - .010	.622	.206	.030 - .060	.623	.492	.005 - .010	.625	.189	.005 - .060
.612	.520	.005 - .010	.616	.412	.020 - .040	.620	.279	.005 - .010	.622	.214	.015 - .030	.623	.500	.005 - .012	.625	.190	.060 - .090
.613	.040	.020 - .030	.616	.456	.040 - .050	.620	.281	.040 - .060	.622	.220	.010 - .020	.623	.501	.010 - .020	.625	.191	.025 - .042
.613	.278	.050 - .070	.616	.478	.030 - .040	.620	.320	.105 - .125	.622	.230	.060 - .090	.623	.504	.050 - .062	.625	.192	.050 - .070
.613	.331	.050 - .070	.616	.480	.040 - .060	.620	.322	.040 - .060	.622	.250	.005 - .015	.623	.505	.005 - .010	.625	.193	.100 - .125
.613	.350	.050 - .070	.616	.505	.005 - .010	.620	.334	.050 - .070	.622	.251	.005 - .010	.623	.515	.005 - .010	.625	.195	.090 - .125
.613	.377	.015 - .030	.616	.524	.030 - .040	.620	.346	.016 - .025	.622	.258	.025 - .040	.623	.531	.010 - .020	.625	.196	.020 - .040
.613	.391	.025 - .040	.617	.310	.005 - .010	.620	.348	.050 - .070	.622	.261	.036 - .050	.623	.532	.005 - .010	.625	.200	.030 - .040
.613	.402	.005 - .010	.617	.318	.015 - .025	.620	.350	.025 - .062	.622	.284	.010 - .042	.624	.087	.010 - .020	.625	.201	.005 - .010
.613	.451	.030 - .050	.617	.351	.005 - .010	.620	.370	.015 - .025	.622	.300	.020 - .040	.624	.094	.070 - .090	.625	.202	.050 - .075
.613	.472	.005 - .010	.617	.359	.025 - .040	.620	.378	.020 - .035	.622	.302	.050 - .070	.624	.108	.005 - .010	.625	.205	.050 - .090
.613	.521	.020 - .042	.617	.362	.005 - .010	.620	.380	.080 - .100	.622	.314	.075 - .125	.624	.109	.005 - .010	.625	.207	.005 - .015
.614	.065	.005 - .010	.617	.385	.005 - .010	.620	.381	.015 - .025	.622	.315	.100 - .125	.624	.128	.025 - .040	.625	.208	.005 - .010
.614	.094	.040 - .060	.617	.448	.065 - .080	.620	.384	.100 - .125	.622	.317	.040 - .080	.624	.156	.050 - .070	.625	.210	.100 - .125
.614	.198	.050 - .090	.617	.496	.010 - .020	.620	.390	.100 - .125	.622	.320	.025 - .070	.624	.168	.060 - .080	.625	.211	.040 - .060
.614	.199	.060 - .078	.617	.514	.005 - .010	.620	.394	.010 - .020	.622	.325	.007 - .025	.624	.173	.020 - .050	.625	.220	.005 - .010
.614	.200	.060 - .083	.617	.560	.005 - .010	.620	.403	.040 - .060	.622	.343	.005 - .010	.624	.177	.010 - .020	.625	.222	.050 - .070
.614	.207	.020 - .040	.618	.120	.015 - .030	.620	.406	.005 - .060	.622	.374	.005 - .010	.624	.178	.015 - .030	.625	.223	.005 - .010
.614	.268	.005 - .010	.618	.124	.040 - .060	.620	.408	.030 - .050	.622	.376	.015 - .025	.624	.196	.032 - .042	.625	.225	.015 - .020
.614	.330	.015 - .030	.618	.164	.030 - .050	.620	.409	.030 - .050	.622	.377	.025 - .105	.624	.204	.005 - .010	.625	.226	.032 - .042
.614	.354	.050 - .070	.618	.185	.040 - .050	.620	.410	.080 - .105	.622	.378	.015 - .030	.624	.220	.005 - .010	.625	.230	.075 - .090
.614	.373	.050 - .070	.618	.215	.005 - .010	.620	.420	.020 - .060	.622	.384	.005 - .010	.624	.249	.050 - .070	.625	.231	.005 - .010
.614	.388	.015 - .030	.618	.216	.010 - .020	.620	.440	.025 - .042	.622	.389	.060 - .075	.624	.250	.050 - .075	.625	.236	.025 - .042
.614	.402	.010 - .020	.618	.259	.040 - .060	.620	.442	.032 - .048	.622	.390	.005 - .010	.624	.253	.100 - .125	.625	.238	.005 - .072
.614	.434	.030 - .050	.618	.262	.005 - .010	.620	.476	.005 - .010	.622	.391	.050 - .105	.624	.254	.005 - .010	.625	.239	.070 - .090
.614	.456	.030 - .050	.618	.364	.005 - .078	.620	.484	.020 - .030	.622	.400	.010 - .020	.624	.255	.040 - .075	.625	.240	.050 - .070
.614	.479	.005 - .010	.618	.381	.040 - .060	.620	.490	.020 - .040	.622	.407	.006 - .016	.624	.264	.050 - .070	.625	.251	.005 - .042
.614	.482	.008 - .020	.618	.382	.020 - .040	.620	.500	.005 - .010	.622	.409	.005 - .015	.624	.298	.050 - .075	.625	.252	.036 - .105
.614	.534	.005 - .010	.618	.393	.005 - .010	.620	.502	.005 - .010	.622	.411	.025 - .040	.624	.312	.005 - .010	.625	.253	.005 - .042
.614	.540	.005 - .010	.618	.400	.080 - .104	.620	.503	.005 - .025	.622	.438	.005 - .010	.624	.313	.025 - .045	.625	.255	.075 - .104
.615	.030	.005 - .010	.618	.435	.050 - .075	.620	.509	.010 - .025	.622	.445	.015 - .030	.624	.315	.100 - .125	.625	.259	.125 - .156
.615	.041	.015 - .030	.618	.440	.005 - .010	.620	.511	.010 - .020	.622	.450	.050 - .070	.624	.324	.030 - .042	.625	.260	.005 - .010
.615	.099	.020 - .030	.618	.446	.005 - .010	.620	.515	.005 - .015	.622	.453	.005 - .010	.624	.328	.050 - .070	.625	.261	.030 - .075
.615	.110	.020 - .030	.618	.475	.005 - .010	.620	.522	.015 - .030	.622	.461	.005 - .010	.624	.330	.060 - .090	.625	.264	.005 - .015
.615	.126	.020 - .030	.618	.500	.005 - .010	.620	.530	.005 - .010	.622	.488	.050 - .070	.624	.334	.030 - .050	.625	.265	.040 - .050
.615	.137	.025 - .080	.618	.507	.005 - .010	.620	.532	.005 - .010	.622	.500	.010 - .020	.624	.335	.010 - .020	.625	.266	.015 - .100
.615	.140	.015 - .030	.618	.526	.032 - .042	.620	.550	.005 - .010	.622	.503	.005 - .030	.624	.343	.105 - .125	.625	.268	.015 - .104
.615	.153	.020 - .030	.618	.531	.005 - .010	.621	.062	.030 - .050	.622	.511	.005 - .010	.624	.376	.080 - .125	.625	.271	.025 - .040
.615	.212	.020 - .030	.618	.549	.005 - .010	.621	.075	.005 - .010	.622	.531	.010 - .020	.624	.378	.005 - .010	.625	.273	.060 - .070
.615	.240	.005 - .010	.618	.551	.015 - .025	.621	.091	.005 - .010	.622	.532	.008 - .015	.624	.379	.080 - .100	.625	.279	.060 - .080
.615	.267	.040 - .060	.618	.556	.005 - .010	.621	.125	.050 - .070	.622	.533	.005 - .015	.624	.380	.105 - .125	.625	.280	.030 - .060
.615	.298	.020 - .030	.618	.560	.015 - .025	.621	.159	.030 - .042	.622	.534	.005 - .010	.624	.392	.030 - .050	.625	.281	.120 - .134
.615	.315	.010 - .020	.619	.125	.050 - .070	.621	.161	.090 - .120	.622	.540	.005 - .010	.624	.398	.020 - .040	.625	.283	.025 - .060
.615	.321	.050 - .070	.619	.158	.100 - .125	.621	.172	.005 - .010	.623	.030	.010 - .020	.624	.399	.030 - .050	.625	.284	.005 - .040
.615	.322	.020 - .040	.619	.171	.015 - .075	.621	.182	.105 - .125	.623	.062	.015 - .030	.624	.403	.030 - .050	.625	.290	.090 - .100
.615	.341	.050 - .070	.619	.238	.030 - .050	.621	.194	.005 - .010	.623	.094	.060 - .075	.624	.415	.025 - .050	.625	.293	.005 - .040
.615	.352	.005 - .012	.619	.306	.025 - .040	.621	.253	.062 - .080	.623	.100	.040 - .060	.624	.425	.035 - .050	.625	.298	.015 - .030
.615	.359	.005 - .010	.619	.324	.020 - .030	.621	.254	.010 - .020	.623	.126	.040 - .050	.624	.438	.030 - .050	.625	.299	.020 - .050
.615	.377	.070 - .090	.619	.326	.020 - .040	.621	.283	.015 - .025	.623	.136	.080 - .104	.624	.440	.010 - .020	.625	.301	.005 - .010
.615	.386	.060 - .080	.619	.329	.070 - .090	.621	.288	.050 - .075	.623	.137	.030 - .060	.624	.442	.006 - .012	.625	.302	.050 - .070
.615	.387	.005 - .010	.619	.353	.050 - .070	.621	.336	.050 - .070	.623	.148	.030 - .050	.624	.445	.050 - .070	.625	.311	.042 - .062
.615	.395	.020 - .040	.619	.360	.005 - .010	.621	.363	.050 - .070	.623	.156	.020 - .035	.624	.448	.005 - .015	.625	.312	.005 - .125
.615	.408	.090 - .105	.619	.377	.020 - .035	.621	.368	.030 - .050	.623	.176	.050 - .070	.624	.452	.031 - .048	.625	.314	.005 - .030
.615	.420	.010 - .020	.619	.381	.105 - .135	.621	.376	.010 - .020	.623	.179	.050 - .090	.624	.485	.040 - .060	.625	.315	.025 - .040
.615	.441	.005 - .010	.619	.431	.005 - .010	.621	.378	.010 - .020	.623	.190	.010 - .125	.624	.500	.005 - .010	.625	.316	.040 - .060
.615	.448	.030 - .040	.619	.440	.005 - .040	.621	.379	.025 - .040	.623	.191	.030 - .060	.624	.515	.020 - .030	.625	.317	.060 - .070
.615	.460	.020 - .040	.619	.449	.030 - .040	.621	.380	.090 - .105	.623	.202	.050 - .090	.624	.533	.005 - .010	.625	.318	.005 - .125
.615	.475	.050 - .070	.619	.460	.080 - .100	.621	.381	.005 - .010	.623	.220	.050 - .090	.624	.564	.005 - .010	.625	.319	.020 - .040
.615	.478	.030 - .040	.619	.481	.005 - .020	.621	.410	.005 - .010	.623	.240	.050 - .090	.625	.063	.005 - .010	.625	.320	.010 - .050
.615	.492	.020 - .040	.619	.500	.005 - .020	.621	.437	.025 - .036	.623	.247	.020 - .035	.625	.067	.008 - .016	.625	.321	.015 - .070
.615	.510	.025 - .040	.619	.508	.005 - .010	.621	.438	.032 - .042	.623	.250	.005 - .010	.625	.087	.005 - .010	.625	.322	.045 - .075
.615	.511	.005 - .010	.619	.540	.005 - .010	.621	.442	.005 - .048	.623	.254	.080 - .100	.625	.096	.005 - .010	.625	.323	.060 - .075
.615	.520	.025 - .035	.619	.549	.015 - .020	.621	.471	.008 - .016	.623	.265	.005 - .075	.625	.102	.020 - .040	.625	.324	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.625	.376	.005 - .010	.626	.422	.070 - .090	.629	.177	.005 - .010	.630	.534	.005 - .010	.636	.565	.005 - .010	.643	.370	.005 - .010
.625	.377	.005 - .010	.626	.442	.005 - .025	.629	.226	.005 - .010	.630	.554	.005 - .010	.637	.244	.020 - .040	.643	.502	.005 - .010
.625	.378	.015 - .080	.626	.445	.020 - .040	.629	.290	.050 - .083	.630	.558	.005 - .020	.637	.356	.005 - .010	.643	.503	.015 - .030
.625	.379	.005 - .010	.626	.468	.005 - .010	.629	.292	.042 - .060	.631	.150	.040 - .060	.637	.381	.025 - .040	.643	.530	.005 - .010
.625	.380	.025 - .060	.626	.470	.005 - .010	.629	.316	.005 - .010	.631	.154	.050 - .070	.637	.399	.105 - .125	.644	.171	.005 - .010
.625	.381	.100 - .125	.626	.478	.005 - .010	.629	.319	.005 - .010	.631	.238	.005 - .010	.637	.422	.020 - .040	.644	.257	.050 - .070
.625	.382	.030 - .120	.626	.495	.040 - .060	.629	.344	.005 - .010	.631	.240	.010 - .020	.637	.425	.012 - .020	.644	.316	.020 - .035
.625	.384	.015 - .030	.626	.499	.010 - .020	.629	.351	.090 - .110	.631	.315	.015 - .030	.637	.520	.005 - .010	.644	.346	.015 - .030
.625	.385	.005 - .010	.626	.501	.010 - .020	.629	.356	.010 - .020	.631	.316	.005 - .010	.638	.156	.032 - .048	.644	.396	.025 - .040
.625	.386	.032 - .048	.626	.504	.010 - .020	.629	.391	.030 - .050	.631	.318	.005 - .010	.638	.263	.040 - .060	.644	.454	.025 - .040
.625	.390	.015 - .062	.626	.505	.005 - .010	.629	.406	.030 - .050	.631	.319	.005 - .010	.638	.338	.020 - .040	.644	.477	.020 - .030
.625	.392	.020 - .042	.626	.507	.005 - .030	.629	.407	.030 - .050	.631	.320	.005 - .010	.638	.401	.005 - .010	.644	.503	.020 - .040
.625	.393	.010 - .020	.626	.510	.010 - .025	.629	.427	.005 - .010	.631	.374	.105 - .125	.638	.401	.015 - .030	.644	.531	.030 - .050
.625	.394	.020 - .040	.626	.528	.025 - .040	.629	.472	.030 - .080	.631	.378	.060 - .080	.638	.410	.020 - .040	.645	.152	.030 - .050
.625	.396	.020 - .030	.626	.564	.005 - .010	.629	.473	.005 - .020	.631	.386	.060 - .080	.638	.451	.020 - .040	.645	.170	.035 - .050
.625	.397	.090 - .120	.626	.566	.010 - .020	.629	.507	.005 - .030	.631	.387	.010 - .020	.638	.506	.025 - .040	.645	.214	.010 - .020
.625	.398	.005 - .010	.627	.036	.025 - .035	.629	.512	.015 - .030	.631	.396	.005 - .010	.639	.199	.060 - .080	.645	.316	.020 - .032
.625	.399	.050 - .075	.627	.058	.020 - .032	.629	.517	.005 - .010	.631	.399	.010 - .020	.639	.322	.005 - .010	.645	.347	.025 - .040
.625	.400	.025 - .040	.627	.125	.020 - .040	.630	.052	.015 - .030	.631	.403	.060 - .080	.639	.325	.010 - .020	.645	.393	.050 - .062
.625	.401	.070 - .090	.627	.129	.025 - .040	.630	.128	.005 - .010	.631	.411	.020 - .030	.639	.394	.020 - .040	.645	.434	.032 - .048
.625	.402	.005 - .015	.627	.133	.040 - .060	.630	.138	.030 - .060	.631	.437	.005 - .010	.639	.415	.025 - .040	.645	.441	.060 - .080
.625	.406	.060 - .075	.627	.166	.005 - .010	.630	.140	.020 - .040	.631	.452	.060 - .080	.639	.438	.030 - .050	.645	.470	.005 - .010
.625	.415	.005 - .012	.627	.182	.005 - .010	.630	.141	.100 - .120	.631	.521	.040 - .060	.639	.439	.040 - .050	.645	.501	.030 - .050
.625	.425	.020 - .035	.627	.196	.050 - .070	.630	.158	.050 - .060	.632	.160	.030 - .040	.639	.453	.005 - .010	.645	.510	.005 - .010
.625	.437	.040 - .060	.627	.198	.010 - .025	.630	.163	.050 - .060	.632	.239	.005 - .010	.639	.524	.025 - .035	.645	.518	.040 - .060
.625	.440	.005 - .105	.627	.236	.100 - .125	.630	.174	.050 - .075	.632	.253	.015 - .030	.639	.550	.005 - .010	.645	.579	.005 - .010
.625	.441	.005 - .010	.627	.248	.100 - .125	.630	.177	.030 - .050	.632	.261	.020 - .040	.639	.576	.015 - .030	.646	.204	.060 - .070
.625	.442	.005 - .010	.627	.253	.005 - .010	.630	.188	.090 - .105	.632	.285	.005 - .010	.640	.036	.015 - .030	.646	.210	.060 - .110
.625	.445	.060 - .075	.627	.265	.050 - .070	.630	.204	.050 - .065	.632	.317	.005 - .010	.640	.073	.025 - .040	.646	.255	.020 - .030
.625	.449	.070 - .090	.627	.266	.030 - .050	.630	.209	.105 - .125	.632	.320	.005 - .010	.640	.168	.025 - .040	.646	.257	.005 - .010
.625	.453	.020 - .030	.627	.280	.100 - .125	.630	.214	.065 - .080	.632	.357	.005 - .010	.640	.175	.025 - .042	.646	.273	.020 - .035
.625	.455	.020 - .030	.627	.281	.100 - .120	.630	.236	.005 - .025	.632	.359	.025 - .040	.640	.186	.030 - .050	.646	.316	.005 - .012
.625	.456	.030 - .070	.627	.283	.030 - .048	.630	.237	.005 - .020	.632	.387	.020 - .060	.640	.251	.020 - .040	.646	.344	.020 - .030
.625	.457	.010 - .040	.627	.285	.042 - .062	.630	.238	.005 - .010	.632	.426	.070 - .090	.640	.256	.005 - .010	.646	.393	.090 - .105
.625	.458	.010 - .020	.627	.313	.090 - .120	.630	.239	.005 - .010	.632	.475	.040 - .060	.640	.299	.005 - .010	.646	.409	.005 - .010
.625	.476	.040 - .060	.627	.314	.015 - .030	.630	.241	.050 - .060	.632	.480	.005 - .072	.640	.334	.005 - .010	.646	.447	.005 - .010
.625	.479	.010 - .050	.627	.323	.105 - .125	.630	.243	.005 - .010	.632	.547	.010 - .020	.640	.342	.040 - .060	.646	.539	.005 - .010
.625	.485	.005 - .008	.627	.334	.100 - .125	.630	.247	.030 - .050	.633	.119	.005 - .010	.640	.361	.030 - .050	.647	.131	.005 - .010
.625	.500	.032 - .060	.627	.335	.100 - .125	.630	.254	.025 - .040	.633	.172	.015 - .035	.640	.377	.030 - .040	.647	.191	.030 - .050
.625	.501	.020 - .030	.627	.344	.050 - .125	.630	.275	.005 - .125	.633	.256	.060 - .080	.640	.390	.050 - .075	.647	.283	.030 - .050
.625	.506	.030 - .050	.627	.349	.080 - .104	.630	.279	.005 - .010	.633	.267	.032 - .050	.640	.400	.005 - .010	.647	.355	.010 - .020
.625	.520	.040 - .050	.627	.375	.005 - .010	.630	.280	.005 - .015	.633	.282	.080 - .100	.640	.406	.005 - .010	.647	.381	.105 - .125
.625	.532	.020 - .030	.627	.376	.080 - .104	.630	.282	.050 - .070	.633	.346	.060 - .080	.640	.429	.012 - .020	.647	.407	.030 - .050
.625	.570	.015 - .030	.627	.378	.030 - .050	.630	.283	.105 - .125	.633	.377	.075 - .090	.640	.441	.010 - .020	.647	.472	.015 - .030
.626	.096	.015 - .025	.627	.379	.030 - .050	.630	.315	.005 - .010	.633	.439	.030 - .050	.640	.443	.025 - .040	.647	.492	.005 - .010
.626	.100	.015 - .030	.627	.380	.050 - .070	.630	.316	.005 - .090	.633	.472	.010 - .020	.640	.444	.015 - .030	.648	.093	.005 - .010
.626	.104	.005 - .010	.627	.385	.083 - .120	.630	.317	.010 - .020	.633	.501	.030 - .050	.640	.446	.015 - .030	.648	.144	.020 - .040
.626	.113	.030 - .050	.627	.389	.005 - .010	.630	.319	.005 - .050	.633	.517	.005 - .010	.640	.451	.080 - .090	.648	.202	.008 - .015
.626	.129	.005 - .130	.627	.392	.005 - .010	.630	.320	.005 - .010	.633	.551	.015 - .030	.640	.460	.050 - .060	.648	.209	.015 - .030
.626	.133	.030 - .060	.627	.406	.050 - .090	.630	.321	.005 - .010	.634	.116	.032 - .042	.640	.485	.020 - .040	.648	.250	.050 - .070
.626	.156	.020 - .035	.627	.442	.005 - .010	.630	.326	.060 - .080	.634	.155	.050 - .070	.640	.489	.040 - .060	.648	.266	.005 - .010
.626	.193	.020 - .075	.627	.475	.020 - .030	.630	.330	.010 - .020	.634	.194	.015 - .025	.640	.501	.015 - .048	.648	.298	.050 - .075
.626	.198	.025 - .040	.627	.486	.012 - .025	.630	.331	.050 - .125	.634	.330	.005 - .010	.640	.508	.015 - .030	.648	.382	.005 - .012
.626	.202	.005 - .010	.627	.505	.050 - .070	.630	.336	.005 - .010	.634	.354	.010 - .030	.640	.540	.005 - .010	.648	.490	.010 - .020
.626	.204	.030 - .156	.627	.510	.005 - .040	.630	.346	.040 - .060	.634	.394	.005 - .010	.640	.576	.020 - .030	.648	.493	.015 - .030
.626	.207	.050 - .070	.627	.527	.005 - .010	.630	.354	.005 - .070	.634	.459	.020 - .030	.640	.579	.005 - .010	.648	.521	.005 - .010
.626	.217	.100 - .125	.627	.547	.007 - .012	.630	.363	.070 - .090	.634	.477	.008 - .016	.641	.125	.005 - .010	.648	.551	.005 - .010
.626	.229	.005 - .010	.628	.096	.030 - .050	.630	.368	.050 - .075	.634	.478	.005 - .010	.641	.243	.020 - .090	.649	.126	.020 - .050
.626	.253	.060 - .080	.628	.125	.005 - .010	.630	.384	.005 - .040	.634	.512	.010 - .020	.641	.265	.005 - .060	.649	.201	.090 - .100
.626	.257	.015 - .030	.628	.166	.050 - .070	.630	.387	.010 - .020	.634	.524	.005 - .020	.641	.308	.005 - .010	.649	.203	.025 - .040
.626	.262	.100 - .125	.628	.191	.040 - .060	.630	.394	.060 - .070	.635	.167	.015 - .035	.641	.320	.010 - .025	.649	.250	.005 - .010
.626	.268	.020 - .060	.628	.198	.005 - .010	.630	.395	.005 - .020	.635	.179	.010 - .015	.641	.332	.015 - .030	.649	.266	.125 - .135
.626	.277	.020 - .040	.628	.201	.040 - .060	.630	.397	.005 - .090	.635	.200	.025 - .040	.641	.368	.020 - .040	.649	.281	.005 - .020
.626	.281	.005 - .020	.628	.208	.020 - .040	.630	.400	.025 - .090	.635	.204	.010 - .020	.641	.470	.010 - .020	.649	.286	.070 - .090
.626	.282	.020 - .040	.628	.232	.030 - .050	.630	.401	.015 - .030	.635	.312	.035 - .050	.641	.475	.005 - .010	.649	.338	.030 - .050
.626	.312	.035 - .050	.628	.238	.050 - .070	.630	.403	.005 - .010	.635	.356	.010 - .020	.641	.501	.031 - .048	.649	.387	.005 - .010
.626	.314	.005 - .015	.628	.261	.040 - .060	.630	.404	.005 - .010	.635	.375	.032 - .042	.641	.522	.020 - .030	.649	.452	.005 - .010
.626	.315	.040 - .060	.628	.271	.005 - .010	.630	.415	.080 - .105	.635	.376	.005 - .010	.641	.533	.030 - .060	.649	.522	.00

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.650	.255	.020 - .040	.655	.125	.040 - .060	.660	.213	.070 - .090	.667	.319	.042 - .062	.670	.490	.005 - .010	.675	.515	.025 - .048
.650	.260	.042 - .060	.655	.142	.015 - .030	.660	.225	.040 - .060	.667	.336	.005 - .010	.670	.495	.040 - .062	.675	.582	.005 - .010
.650	.260	.130 - .150	.655	.167	.030 - .050	.660	.251	.005 - .010	.667	.347	.015 - .030	.670	.503	.020 - .040	.676	.225	.040 - .060
.650	.290	.015 - .030	.655	.191	.010 - .020	.660	.261	.005 - .010	.667	.496	.005 - .010	.670	.520	.020 - .040	.676	.288	.010 - .025
.650	.311	.075 - .090	.655	.223	.080 - .100	.660	.268	.050 - .072	.667	.595	.005 - .010	.670	.545	.005 - .010	.676	.306	.050 - .070
.650	.312	.005 - .120	.655	.256	.020 - .040	.660	.313	.020 - .030	.668	.218	.060 - .080	.670	.546	.040 - .060	.676	.370	.070 - .080
.650	.315	.010 - .020	.655	.318	.005 - .010	.660	.314	.005 - .010	.668	.316	.005 - .010	.670	.566	.015 - .030	.676	.440	.005 - .010
.650	.316	.005 - .010	.655	.378	.030 - .090	.660	.345	.015 - .030	.668	.317	.005 - .010	.670	.574	.030 - .050	.676	.500	.025 - .042
.650	.317	.005 - .010	.655	.379	.010 - .020	.660	.350	.050 - .070	.668	.333	.005 - .010	.671	.200	.025 - .042	.676	.507	.020 - .040
.650	.319	.005 - .010	.655	.381	.020 - .030	.660	.366	.020 - .030	.668	.333	.050 - .075	.671	.239	.005 - .010	.676	.515	.020 - .030
.650	.325	.050 - .075	.655	.419	.005 - .010	.660	.378	.020 - .030	.668	.340	.035 - .050	.671	.264	.005 - .010	.676	.565	.020 - .040
.650	.326	.005 - .010	.655	.421	.050 - .070	.660	.390	.040 - .060	.668	.348	.010 - .015	.671	.277	.005 - .010	.676	.571	.015 - .030
.650	.357	.015 - .030	.655	.465	.005 - .010	.660	.401	.020 - .030	.668	.406	.040 - .060	.671	.311	.078 - .090	.677	.168	.020 - .030
.650	.374	.015 - .030	.655	.488	.005 - .010	.660	.409	.040 - .060	.668	.435	.020 - .030	.671	.315	.005 - .010	.677	.316	.040 - .060
.650	.377	.005 - .030	.655	.512	.015 - .025	.660	.437	.005 - .020	.668	.472	.010 - .020	.671	.316	.015 - .030	.677	.382	.005 - .010
.650	.380	.050 - .070	.655	.525	.040 - .060	.660	.472	.005 - .010	.668	.498	.020 - .040	.671	.319	.005 - .010	.677	.387	.005 - .010
.650	.388	.070 - .090	.655	.528	.005 - .010	.660	.503	.040 - .060	.669	.031	.005 - .010	.671	.322	.005 - .010	.677	.392	.120 - .140
.650	.397	.005 - .010	.655	.530	.005 - .010	.660	.507	.005 - .010	.669	.114	.005 - .010	.671	.325	.015 - .030	.677	.441	.060 - .080
.650	.404	.040 - .060	.656	.118	.030 - .050	.660	.512	.005 - .010	.669	.138	.005 - .010	.671	.333	.010 - .020	.677	.458	.025 - .040
.650	.410	.080 - .090	.656	.190	.075 - .090	.660	.561	.015 - .030	.669	.163	.005 - .010	.671	.345	.020 - .040	.677	.468	.010 - .020
.650	.424	.005 - .010	.656	.195	.050 - .075	.660	.563	.005 - .010	.669	.200	.005 - .010	.671	.385	.070 - .090	.677	.476	.040 - .060
.650	.469	.050 - .070	.656	.196	.020 - .040	.660	.577	.020 - .030	.669	.204	.020 - .060	.671	.386	.100 - .125	.677	.523	.005 - .010
.650	.500	.005 - .010	.656	.258	.030 - .050	.661	.241	.005 - .010	.669	.237	.005 - .010	.671	.391	.005 - .075	.677	.525	.005 - .010
.650	.503	.015 - .030	.656	.267	.050 - .075	.661	.270	.060 - .080	.669	.316	.005 - .010	.671	.395	.020 - .030	.677	.534	.005 - .010
.650	.505	.020 - .030	.656	.278	.005 - .010	.661	.336	.020 - .040	.669	.317	.075 - .105	.671	.422	.020 - .040	.677	.534	.015 - .030
.650	.507	.010 - .020	.656	.290	.070 - .090	.661	.341	.005 - .010	.669	.319	.005 - .020	.671	.474	.005 - .010	.678	.193	.060 - .090
.650	.534	.025 - .040	.656	.320	.025 - .040	.661	.403	.040 - .060	.669	.320	.010 - .040	.671	.507	.008 - .015	.678	.256	.035 - .060
.650	.540	.005 - .010	.656	.341	.030 - .050	.661	.487	.040 - .060	.669	.331	.050 - .070	.671	.568	.010 - .020	.678	.384	.020 - .032
.650	.553	.010 - .020	.656	.345	.005 - .010	.661	.529	.015 - .025	.669	.338	.080 - .100	.672	.128	.100 - .125	.678	.406	.010 - .040
.650	.562	.005 - .010	.656	.377	.015 - .030	.661	.531	.010 - .020	.669	.397	.005 - .010	.672	.325	.015 - .030	.678	.440	.005 - .010
.651	.147	.042 - .060	.656	.387	.030 - .050	.661	.551	.005 - .010	.669	.427	.030 - .050	.672	.326	.080 - .125	.678	.442	.012 - .020
.651	.160	.020 - .030	.656	.397	.015 - .025	.661	.583	.005 - .010	.669	.430	.010 - .020	.672	.346	.005 - .010	.678	.449	.040 - .060
.651	.229	.005 - .010	.656	.404	.080 - .104	.662	.201	.050 - .070	.669	.434	.070 - .090	.672	.362	.005 - .010	.678	.504	.015 - .030
.651	.315	.010 - .020	.656	.406	.090 - .125	.662	.219	.050 - .070	.669	.472	.030 - .050	.672	.375	.005 - .010	.678	.507	.005 - .010
.651	.374	.010 - .020	.656	.453	.005 - .040	.662	.324	.010 - .020	.669	.487	.006 - .015	.672	.405	.110 - .130	.678	.529	.005 - .007
.651	.377	.030 - .050	.656	.458	.040 - .060	.662	.386	.020 - .040	.669	.515	.005 - .010	.672	.407	.010 - .020	.678	.530	.015 - .030
.651	.379	.005 - .010	.656	.460	.025 - .035	.662	.393	.040 - .060	.669	.543	.015 - .030	.672	.415	.005 - .010	.678	.564	.035 - .050
.651	.380	.015 - .030	.656	.470	.035 - .050	.662	.432	.060 - .080	.669	.550	.015 - .030	.672	.442	.030 - .040	.678	.568	.010 - .020
.651	.394	.005 - .010	.656	.489	.005 - .010	.662	.461	.030 - .050	.669	.552	.005 - .010	.672	.445	.025 - .060	.678	.591	.005 - .010
.651	.398	.005 - .010	.656	.500	.030 - .050	.662	.477	.010 - .020	.670	.121	.060 - .080	.672	.490	.050 - .070	.678	.593	.005 - .010
.651	.450	.010 - .020	.656	.503	.010 - .020	.662	.487	.060 - .070	.670	.123	.005 - .010	.672	.531	.030 - .040	.678	.606	.005 - .010
.651	.460	.005 - .010	.656	.510	.005 - .010	.662	.553	.010 - .020	.670	.130	.005 - .010	.673	.098	.020 - .040	.679	.111	.048 - .062
.651	.465	.010 - .020	.656	.511	.005 - .030	.663	.140	.005 - .010	.670	.168	.040 - .060	.673	.283	.005 - .010	.679	.206	.035 - .060
.651	.485	.040 - .060	.656	.515	.015 - .030	.663	.457	.050 - .070	.670	.169	.040 - .060	.673	.408	.005 - .010	.679	.221	.010 - .015
.651	.505	.005 - .010	.656	.528	.015 - .030	.663	.504	.005 - .010	.670	.178	.030 - .040	.673	.412	.100 - .134	.679	.395	.030 - .050
.651	.551	.005 - .030	.656	.563	.020 - .040	.663	.556	.010 - .020	.670	.190	.015 - .032	.673	.437	.010 - .025	.679	.396	.015 - .030
.652	.096	.062 - .078	.656	.565	.010 - .020	.663	.560	.010 - .020	.670	.208	.005 - .010	.673	.446	.005 - .010	.679	.403	.050 - .075
.652	.118	.062 - .090	.657	.216	.060 - .080	.664	.256	.100 - .125	.670	.234	.005 - .010	.673	.473	.010 - .025	.679	.409	.040 - .050
.652	.193	.030 - .050	.657	.250	.080 - .105	.664	.259	.005 - .125	.670	.237	.005 - .010	.673	.500	.020 - .036	.679	.411	.005 - .010
.652	.258	.060 - .080	.657	.255	.015 - .030	.664	.413	.030 - .050	.670	.239	.005 - .010	.673	.537	.005 - .010	.679	.441	.030 - .050
.652	.376	.005 - .010	.657	.330	.075 - .100	.664	.503	.025 - .050	.670	.240	.005 - .010	.674	.095	.010 - .020	.679	.451	.005 - .010
.652	.400	.010 - .020	.657	.338	.105 - .125	.664	.541	.040 - .060	.670	.245	.020 - .030	.674	.377	.025 - .040	.679	.457	.030 - .060
.652	.406	.015 - .030	.657	.363	.005 - .010	.664	.585	.015 - .030	.670	.253	.005 - .010	.674	.391	.005 - .010	.679	.482	.015 - .062
.652	.412	.005 - .010	.657	.375	.005 - .010	.665	.173	.050 - .075	.670	.257	.040 - .125	.674	.395	.005 - .010	.679	.500	.005 - .010
.652	.435	.005 - .010	.657	.413	.005 - .010	.665	.249	.030 - .050	.670	.260	.020 - .030	.674	.441	.005 - .080	.679	.501	.015 - .030
.652	.439	.020 - .040	.657	.417	.005 - .010	.665	.251	.075 - .090	.670	.280	.010 - .020	.674	.450	.040 - .060	.679	.509	.005 - .010
.652	.453	.005 - .010	.657	.530	.020 - .040	.665	.334	.050 - .130	.670	.300	.005 - .010	.674	.473	.025 - .040	.680	.163	.005 - .010
.652	.501	.030 - .042	.657	.531	.040 - .060	.665	.374	.120 - .140	.670	.315	.005 - .010	.674	.480	.070 - .090	.680	.200	.032 - .050
.652	.510	.010 - .020	.657	.538	.040 - .060	.665	.383	.040 - .060	.670	.317	.005 - .010	.674	.504	.075 - .090	.680	.204	.090 - .110
.653	.154	.040 - .062	.657	.613	.016 - .025	.665	.397	.070 - .090	.670	.319	.050 - .070	.674	.536	.040 - .060	.680	.239	.005 - .010
.653	.238	.040 - .062	.658	.255	.010 - .020	.665	.434	.040 - .060	.670	.330	.050 - .075	.674	.562	.020 - .030	.680	.253	.005 - .030
.653	.276	.005 - .010	.658	.314	.030 - .050	.665	.515	.025 - .040	.670	.331	.005 - .010	.675	.095	.005 - .010	.680	.256	.040 - .060
.653	.316	.010 - .020	.658	.375	.010 - .020	.665	.550	.005 - .012	.670	.350	.020 - .100	.675	.203	.020 - .040	.680	.262	.005 - .010
.653	.317	.005 - .010	.658	.385	.050 - .060	.665	.569	.020 - .040	.670	.354	.105 - .125	.675	.224	.005 - .010	.680	.270	.015 - .035
.653	.376	.010 - .020	.658	.437	.005 - .012	.665	.576	.030 - .048	.670	.355	.005 - .010	.675	.280	.060 - .090	.680	.283	.080 - .105
.653	.392	.050 - .090	.658	.478	.005 - .010	.666	.143	.015 - .030	.670	.360	.040 - .050	.675	.284	.032 - .050	.680	.300	.032 - .050
.653	.414	.050 - .070	.658	.478	.015 - .025	.666	.168	.075 - .090	.670	.365	.060 - .080	.675	.301	.050 - .105	.680	.316	.048 - .062
.653	.442	.005 - .010	.658	.479	.030 - .042	.666	.196	.020 - .040	.670	.378	.060 - .080	.675	.375	.010 - .020	.680	.317	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.680	.500	.032 - .050	.685	.376	.100 - .125	.687	.330	.050 - .075	.688	.563	.005 - .010	.691	.511	.020 - .030	.700	.129	.005 - .010
.680	.504	.020 - .040	.685	.378	.080 - .100	.687	.339	.050 - .070	.688	.615	.015 - .030	.691	.515	.015 - .030	.700	.138	.010 - .020
.680	.514	.020 - .060	.685	.379	.010 - .048	.687	.343	.005 - .010	.689	.156	.040 - .060	.691	.598	.005 - .010	.700	.159	.040 - .060
.680	.524	.030 - .050	.685	.380	.025 - .060	.687	.350	.050 - .075	.689	.162	.100 - .120	.692	.286	.042 - .062	.700	.164	.010 - .020
.680	.540	.005 - .010	.685	.391	.090 - .110	.687	.359	.025 - .048	.689	.222	.090 - .120	.692	.406	.020 - .040	.700	.168	.050 - .070
.680	.559	.005 - .010	.685	.392	.090 - .110	.687	.371	.100 - .125	.689	.249	.005 - .010	.692	.416	.010 - .020	.700	.169	.040 - .060
.680	.564	.030 - .050	.685	.400	.105 - .125	.687	.376	.010 - .020	.689	.273	.005 - .010	.692	.519	.005 - .010	.700	.176	.005 - .010
.680	.565	.005 - .050	.685	.410	.060 - .078	.687	.378	.010 - .020	.689	.281	.050 - .070	.692	.603	.015 - .030	.700	.193	.005 - .010
.680	.597	.005 - .010	.685	.423	.100 - .125	.687	.379	.005 - .010	.689	.313	.020 - .040	.693	.119	.005 - .012	.700	.210	.050 - .070
.681	.190	.030 - .050	.685	.427	.032 - .042	.687	.380	.025 - .040	.689	.319	.025 - .040	.693	.236	.005 - .010	.700	.221	.020 - .040
.681	.251	.040 - .070	.685	.441	.005 - .010	.687	.384	.010 - .040	.689	.320	.005 - .010	.693	.320	.005 - .010	.700	.221	.075 - .090
.681	.264	.030 - .050	.685	.450	.008 - .020	.687	.385	.005 - .010	.689	.325	.040 - .060	.693	.396	.050 - .075	.700	.250	.070 - .090
.681	.391	.005 - .010	.685	.470	.050 - .070	.687	.386	.070 - .090	.689	.345	.040 - .060	.693	.410	.025 - .040	.700	.252	.010 - .020
.681	.395	.005 - .050	.685	.473	.060 - .080	.687	.393	.005 - .015	.689	.375	.010 - .020	.693	.438	.020 - .030	.700	.253	.005 - .010
.681	.401	.020 - .040	.685	.475	.020 - .040	.687	.397	.050 - .075	.689	.377	.050 - .070	.693	.443	.005 - .010	.700	.256	.040 - .060
.681	.440	.005 - .010	.685	.478	.015 - .030	.687	.406	.040 - .050	.689	.398	.005 - .010	.693	.539	.050 - .070	.700	.272	.060 - .080
.681	.503	.015 - .030	.685	.487	.020 - .030	.687	.416	.050 - .060	.689	.401	.015 - .030	.694	.200	.080 - .100	.700	.291	.005 - .010
.681	.515	.005 - .010	.685	.520	.010 - .020	.687	.432	.050 - .070	.689	.402	.032 - .048	.694	.275	.020 - .040	.700	.313	.010 - .020
.681	.590	.010 - .020	.685	.533	.060 - .083	.687	.433	.050 - .125	.689	.408	.100 - .125	.694	.370	.010 - .020	.700	.316	.060 - .080
.682	.129	.015 - .025	.685	.568	.030 - .050	.687	.438	.005 - .020	.689	.435	.005 - .010	.694	.379	.060 - .070	.700	.317	.005 - .020
.682	.333	.070 - .090	.685	.609	.010 - .030	.687	.441	.020 - .070	.689	.437	.005 - .010	.694	.478	.060 - .070	.700	.320	.005 - .010
.682	.351	.050 - .070	.686	.066	.036 - .050	.687	.443	.030 - .125	.689	.468	.015 - .125	.694	.484	.050 - .070	.700	.327	.015 - .020
.682	.365	.005 - .010	.686	.094	.005 - .010	.687	.445	.012 - .020	.689	.471	.005 - .010	.695	.195	.015 - .025	.700	.328	.010 - .025
.682	.395	.005 - .010	.686	.135	.030 - .050	.687	.452	.010 - .020	.689	.472	.030 - .050	.695	.196	.032 - .062	.700	.330	.100 - .125
.682	.400	.032 - .048	.686	.136	.040 - .060	.687	.455	.050 - .100	.689	.493	.040 - .060	.695	.264	.005 - .012	.700	.337	.050 - .070
.682	.439	.025 - .040	.686	.147	.015 - .025	.687	.465	.080 - .100	.689	.494	.050 - .075	.695	.265	.030 - .060	.700	.344	.007 - .040
.682	.440	.020 - .030	.686	.159	.080 - .100	.687	.468	.040 - .060	.689	.500	.005 - .010	.695	.282	.005 - .010	.700	.356	.005 - .010
.682	.472	.062 - .078	.686	.161	.005 - .010	.687	.469	.050 - .080	.689	.517	.030 - .050	.695	.335	.025 - .040	.700	.357	.010 - .020
.682	.486	.005 - .010	.686	.167	.040 - .135	.687	.475	.015 - .030	.689	.564	.010 - .030	.695	.339	.090 - .110	.700	.358	.040 - .060
.682	.503	.005 - .010	.686	.198	.042 - .060	.687	.478	.070 - .090	.689	.565	.010 - .020	.695	.353	.010 - .020	.700	.360	.030 - .050
.682	.578	.015 - .030	.686	.202	.100 - .125	.687	.481	.050 - .070	.689	.577	.030 - .050	.695	.412	.080 - .104	.700	.366	.090 - .105
.682	.601	.020 - .030	.686	.252	.040 - .060	.687	.487	.025 - .040	.690	.076	.010 - .020	.695	.414	.012 - .025	.700	.376	.010 - .020
.683	.121	.050 - .070	.686	.253	.042 - .062	.687	.500	.010 - .050	.690	.149	.050 - .060	.695	.486	.060 - .070	.700	.377	.020 - .040
.683	.172	.010 - .020	.686	.269	.050 - .072	.687	.503	.005 - .010	.690	.157	.005 - .010	.695	.505	.050 - .070	.700	.378	.005 - .030
.683	.345	.070 - .090	.686	.270	.005 - .010	.687	.506	.005 - .010	.690	.167	.005 - .010	.695	.518	.030 - .040	.700	.380	.040 - .060
.683	.376	.005 - .010	.686	.313	.100 - .120	.687	.510	.050 - .060	.690	.173	.050 - .070	.695	.520	.005 - .010	.700	.381	.005 - .010
.683	.378	.015 - .030	.686	.345	.060 - .080	.687	.511	.020 - .040	.690	.188	.040 - .060	.695	.557	.005 - .010	.700	.383	.040 - .060
.683	.379	.040 - .060	.686	.346	.025 - .035	.687	.513	.042 - .062	.690	.190	.010 - .020	.695	.558	.015 - .030	.700	.385	.090 - .105
.683	.396	.070 - .090	.686	.360	.015 - .025	.687	.517	.030 - .048	.690	.192	.060 - .080	.695	.626	.015 - .025	.700	.392	.010 - .020
.683	.400	.032 - .042	.686	.377	.060 - .080	.687	.564	.005 - .010	.690	.202	.030 - .050	.696	.037	.007 - .015	.700	.394	.135 - .156
.683	.406	.040 - .105	.686	.379	.025 - .040	.687	.566	.005 - .015	.690	.206	.050 - .075	.696	.147	.005 - .015	.700	.397	.005 - .010
.683	.440	.015 - .030	.686	.381	.080 - .105	.687	.603	.005 - .010	.690	.220	.020 - .032	.696	.156	.005 - .010	.700	.405	.120 - .134
.683	.478	.025 - .035	.686	.385	.048 - .062	.688	.130	.050 - .060	.690	.250	.125 - .135	.696	.166	.062 - .090	.700	.406	.050 - .150
.683	.488	.080 - .104	.686	.390	.048 - .062	.688	.168	.050 - .060	.690	.254	.050 - .070	.696	.178	.062 - .078	.700	.411	.005 - .060
.683	.505	.050 - .070	.686	.392	.050 - .062	.688	.205	.025 - .040	.690	.264	.105 - .125	.696	.196	.050 - .070	.700	.417	.005 - .020
.683	.510	.030 - .062	.686	.395	.010 - .020	.688	.206	.040 - .060	.690	.265	.100 - .125	.696	.281	.090 - .120	.700	.435	.005 - .010
.683	.512	.005 - .010	.686	.398	.005 - .010	.688	.216	.050 - .070	.690	.280	.050 - .075	.696	.458	.025 - .042	.700	.437	.005 - .010
.683	.570	.040 - .050	.686	.407	.050 - .070	.688	.253	.010 - .020	.690	.281	.050 - .070	.696	.498	.005 - .010	.700	.441	.005 - .020
.683	.575	.040 - .060	.686	.421	.005 - .010	.688	.259	.040 - .060	.690	.317	.080 - .100	.696	.531	.015 - .030	.700	.443	.105 - .125
.683	.579	.015 - .025	.686	.437	.015 - .030	.688	.263	.005 - .190	.690	.323	.020 - .070	.697	.313	.090 - .110	.700	.446	.010 - .020
.684	.234	.062 - .078	.686	.438	.050 - .075	.688	.284	.005 - .010	.690	.330	.105 - .135	.697	.532	.025 - .040	.700	.450	.005 - .080
.684	.247	.050 - .075	.686	.483	.050 - .075	.688	.311	.010 - .040	.690	.336	.060 - .075	.698	.231	.005 - .010	.700	.455	.005 - .010
.684	.279	.005 - .010	.686	.500	.030 - .070	.688	.313	.020 - .140	.690	.343	.050 - .070	.698	.361	.005 - .010	.700	.456	.030 - .050
.684	.303	.005 - .010	.686	.502	.025 - .042	.688	.316	.005 - .010	.690	.344	.100 - .120	.698	.477	.005 - .010	.700	.465	.020 - .040
.684	.323	.020 - .040	.686	.512	.005 - .010	.688	.317	.005 - .010	.690	.354	.005 - .010	.698	.500	.005 - .010	.700	.473	.005 - .010
.684	.399	.005 - .010	.686	.520	.015 - .030	.688	.326	.015 - .030	.690	.365	.005 - .010	.698	.506	.010 - .020	.700	.476	.005 - .010
.684	.400	.015 - .030	.686	.528	.005 - .010	.688	.328	.080 - .105	.690	.376	.010 - .030	.698	.527	.005 - .010	.700	.478	.070 - .080
.684	.412	.100 - .125	.686	.625	.015 - .030	.688	.330	.030 - .050	.690	.385	.090 - .104	.698	.541	.025 - .040	.700	.500	.005 - .010
.684	.443	.005 - .012	.687	.102	.005 - .010	.688	.334	.005 - .010	.690	.436	.100 - .125	.698	.542	.030 - .060	.700	.501	.070 - .090
.684	.466	.090 - .100	.687	.119	.015 - .030	.688	.343	.070 - .090	.690	.475	.030 - .050	.698	.564	.010 - .020	.700	.502	.010 - .100
.684	.510	.050 - .070	.687	.187	.030 - .050	.688	.344	.070 - .090	.690	.494	.075 - .090	.698	.602	.005 - .010	.700	.504	.005 - .030
.684	.542	.035 - .050	.687	.189	.010 - .060	.688	.349	.005 - .010	.690	.503	.050 - .070	.698	.626	.005 - .010	.700	.506	.015 - .042
.684	.568	.025 - .045	.687	.191	.005 - .010	.688	.350	.050 - .070	.690	.530	.040 - .060	.699	.070	.040 - .060	.700	.510	.010 - .025
.684	.581	.015 - .025	.687	.194	.125 - .156	.688	.352	.050 - .070	.690	.533	.072 - .090	.699	.076	.015 - .025	.700	.511	.020 - .040
.684	.593	.030 - .040	.687	.198	.090 - .105	.688	.376	.005 - .042	.690	.542	.005 - .010	.699	.201	.040 - .060	.700	.514	.020 - .060
.684	.613	.015 - .030	.687	.199	.015 - .020	.688	.378	.050 - .075	.690	.566	.030 - .050	.699	.210	.060 - .080	.700	.530	.070 - .080
.685	.143	.040 - .060	.687	.200	.032 - .042	.688	.381	.005 - .010	.690	.569	.010 - .020	.699	.376	.005 - .010	.700	.531	.020 - .040
.685	.158	.060 - .083	.687	.219	.036 - .050	.688	.384	.050 - .070	.690	.575	.010 - .020	.699	.380	.005 - .010	.700	.532	.00

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.700	.610	.015 - .030	.705	.531	.005 - .010	.709	.327	.040 - .060	.713	.199	.015 - .030	.718	.438	.090 - .125	.724	.173	.030 - .050
.700	.615	.005 - .010	.705	.550	.030 - .050	.709	.347	.050 - .070	.713	.206	.080 - .100	.718	.464	.005 - .010	.724	.201	.020 - .040
.700	.631	.005 - .010	.705	.570	.050 - .070	.709	.352	.015 - .030	.713	.400	.015 - .025	.718	.465	.060 - .070	.724	.218	.005 - .020
.700	.651	.005 - .010	.705	.634	.015 - .025	.709	.381	.030 - .050	.713	.410	.005 - .010	.718	.487	.005 - .010	.724	.382	.020 - .040
.701	.130	.060 - .080	.706	.254	.030 - .050	.709	.386	.005 - .010	.713	.437	.060 - .075	.718	.518	.020 - .040	.724	.428	.005 - .010
.701	.153	.048 - .090	.706	.347	.005 - .010	.709	.392	.010 - .020	.713	.540	.040 - .060	.718	.562	.005 - .040	.724	.508	.025 - .040
.701	.168	.005 - .010	.706	.390	.005 - .010	.709	.394	.010 - .050	.713	.595	.010 - .020	.718	.585	.005 - .010	.724	.519	.020 - .040
.701	.193	.040 - .060	.706	.395	.062 - .083	.709	.395	.005 - .020	.713	.672	.005 - .010	.718	.593	.015 - .020	.724	.570	.005 - .010
.701	.204	.050 - .070	.706	.398	.050 - .070	.709	.397	.005 - .020	.714	.101	.020 - .030	.718	.595	.005 - .010	.724	.670	.005 - .010
.701	.224	.040 - .060	.706	.402	.005 - .010	.709	.399	.010 - .020	.714	.111	.020 - .030	.718	.600	.045 - .060	.725	.089	.062 - .078
.701	.241	.050 - .070	.706	.420	.005 - .010	.709	.437	.005 - .050	.714	.118	.020 - .030	.718	.638	.006 - .030	.725	.128	.040 - .060
.701	.257	.050 - .100	.706	.434	.025 - .040	.709	.455	.090 - .105	.714	.125	.020 - .030	.719	.132	.030 - .050	.725	.160	.020 - .040
.701	.259	.005 - .010	.706	.453	.032 - .042	.709	.472	.005 - .050	.714	.140	.020 - .030	.719	.196	.040 - .060	.725	.187	.060 - .090
.701	.285	.005 - .010	.706	.478	.040 - .060	.709	.474	.010 - .020	.714	.182	.005 - .010	.719	.198	.015 - .030	.725	.251	.015 - .030
.701	.321	.125 - .135	.706	.500	.075 - .100	.709	.475	.040 - .060	.714	.223	.050 - .070	.719	.237	.005 - .010	.725	.296	.100 - .125
.701	.410	.005 - .010	.706	.505	.010 - .060	.709	.476	.005 - .010	.714	.285	.070 - .090	.719	.240	.015 - .030	.725	.339	.005 - .030
.701	.419	.050 - .070	.707	.315	.100 - .125	.709	.482	.070 - .090	.714	.299	.020 - .030	.719	.254	.008 - .016	.725	.346	.005 - .010
.701	.425	.050 - .070	.707	.316	.005 - .125	.709	.483	.005 - .010	.714	.390	.048 - .072	.719	.324	.015 - .030	.725	.458	.010 - .020
.701	.438	.040 - .060	.707	.320	.005 - .010	.709	.490	.060 - .080	.714	.414	.040 - .060	.719	.329	.080 - .100	.725	.505	.010 - .020
.701	.500	.010 - .060	.707	.335	.020 - .040	.709	.492	.030 - .050	.714	.555	.050 - .075	.719	.374	.010 - .015	.725	.540	.050 - .070
.701	.521	.080 - .100	.707	.436	.005 - .010	.709	.503	.080 - .105	.715	.198	.030 - .078	.719	.378	.005 - .010	.725	.548	.020 - .040
.701	.549	.020 - .030	.707	.472	.015 - .030	.709	.519	.040 - .060	.715	.199	.060 - .083	.719	.380	.070 - .090	.725	.630	.040 - .060
.701	.561	.010 - .020	.707	.480	.005 - .010	.709	.550	.005 - .010	.715	.315	.090 - .104	.719	.395	.040 - .060	.726	.183	.050 - .070
.701	.614	.015 - .030	.708	.120	.072 - .120	.709	.592	.030 - .050	.715	.323	.015 - .030	.719	.439	.080 - .105	.726	.286	.005 - .010
.702	.255	.005 - .010	.708	.136	.040 - .060	.709	.596	.020 - .040	.715	.330	.005 - .012	.719	.441	.070 - .090	.726	.304	.010 - .020
.702	.261	.100 - .120	.708	.170	.040 - .060	.710	.133	.005 - .010	.715	.366	.020 - .040	.719	.453	.050 - .070	.726	.315	.020 - .030
.702	.312	.010 - .020	.708	.218	.005 - .030	.710	.201	.050 - .070	.715	.369	.060 - .080	.719	.468	.020 - .040	.726	.325	.005 - .010
.702	.319	.020 - .030	.708	.236	.030 - .050	.710	.211	.070 - .090	.715	.379	.005 - .010	.719	.543	.040 - .060	.726	.343	.005 - .010
.702	.325	.005 - .010	.708	.238	.005 - .020	.710	.236	.005 - .010	.715	.437	.008 - .012	.719	.555	.040 - .060	.726	.375	.105 - .125
.702	.327	.105 - .125	.708	.239	.030 - .050	.710	.238	.005 - .010	.715	.440	.090 - .100	.720	.254	.020 - .035	.726	.388	.005 - .010
.702	.401	.025 - .040	.708	.253	.040 - .060	.710	.252	.008 - .016	.715	.470	.060 - .105	.720	.259	.005 - .010	.726	.406	.030 - .050
.702	.437	.090 - .105	.708	.257	.050 - .070	.710	.278	.005 - .010	.715	.474	.030 - .060	.720	.281	.110 - .187	.726	.439	.020 - .040
.702	.487	.050 - .070	.708	.271	.105 - .120	.710	.279	.005 - .010	.715	.481	.025 - .040	.720	.315	.005 - .010	.726	.485	.015 - .030
.702	.504	.012 - .025	.708	.279	.060 - .080	.710	.288	.015 - .125	.715	.495	.005 - .010	.720	.321	.050 - .075	.726	.632	.005 - .010
.702	.505	.005 - .010	.708	.293	.050 - .070	.710	.301	.010 - .020	.715	.500	.020 - .035	.720	.341	.090 - .105	.727	.257	.020 - .040
.702	.516	.050 - .075	.708	.305	.005 - .010	.710	.308	.100 - .120	.715	.526	.015 - .025	.720	.360	.020 - .030	.727	.259	.130 - .150
.702	.561	.015 - .030	.708	.314	.020 - .040	.710	.315	.005 - .010	.715	.535	.025 - .040	.720	.380	.020 - .040	.727	.397	.005 - .010
.702	.595	.025 - .040	.708	.315	.005 - .010	.710	.317	.005 - .010	.716	.230	.015 - .030	.720	.401	.005 - .015	.727	.448	.005 - .010
.702	.635	.010 - .020	.708	.319	.005 - .070	.710	.318	.010 - .015	.716	.264	.020 - .040	.720	.446	.025 - .040	.727	.480	.040 - .050
.703	.119	.030 - .050	.708	.322	.005 - .010	.710	.330	.010 - .020	.716	.324	.005 - .010	.720	.455	.105 - .125	.727	.500	.015 - .030
.703	.206	.025 - .040	.708	.335	.020 - .030	.710	.342	.020 - .030	.716	.405	.025 - .042	.720	.463	.080 - .104	.727	.512	.010 - .020
.703	.263	.005 - .010	.708	.338	.005 - .010	.710	.354	.008 - .020	.716	.474	.030 - .050	.720	.473	.005 - .010	.727	.570	.040 - .060
.703	.409	.010 - .020	.708	.339	.040 - .060	.710	.376	.020 - .040	.716	.515	.040 - .062	.720	.476	.070 - .090	.727	.576	.015 - .035
.703	.442	.005 - .020	.708	.341	.005 - .010	.710	.413	.050 - .072	.716	.624	.030 - .048	.720	.502	.015 - .020	.727	.586	.015 - .030
.703	.480	.030 - .050	.708	.347	.005 - .010	.710	.454	.005 - .010	.716	.630	.020 - .040	.720	.550	.005 - .010	.728	.174	.020 - .040
.703	.482	.050 - .070	.708	.354	.050 - .060	.710	.473	.010 - .020	.717	.187	.010 - .020	.720	.564	.020 - .032	.728	.219	.010 - .020
.703	.487	.040 - .050	.708	.372	.010 - .020	.710	.474	.005 - .010	.717	.223	.050 - .070	.720	.566	.015 - .030	.728	.251	.005 - .010
.703	.516	.020 - .040	.708	.375	.005 - .010	.710	.475	.015 - .030	.717	.290	.030 - .050	.720	.568	.015 - .030	.728	.253	.025 - .040
.703	.525	.030 - .050	.708	.393	.005 - .020	.710	.497	.030 - .050	.717	.293	.010 - .020	.720	.594	.050 - .075	.728	.259	.025 - .040
.703	.540	.040 - .060	.708	.394	.050 - .070	.710	.505	.050 - .070	.717	.318	.025 - .040	.720	.612	.005 - .010	.728	.291	.025 - .040
.703	.635	.010 - .020	.708	.395	.010 - .020	.710	.507	.020 - .035	.717	.322	.032 - .050	.720	.621	.005 - .010	.728	.292	.025 - .042
.704	.078	.040 - .060	.708	.404	.050 - .070	.710	.525	.005 - .010	.717	.396	.020 - .040	.720	.639	.005 - .010	.728	.328	.025 - .040
.704	.259	.050 - .070	.708	.413	.080 - .100	.710	.526	.010 - .025	.717	.438	.030 - .050	.720	.642	.030 - .040	.728	.375	.060 - .090
.704	.264	.060 - .080	.708	.415	.025 - .040	.710	.530	.070 - .090	.717	.440	.080 - .100	.721	.250	.050 - .075	.728	.395	.010 - .020
.704	.268	.060 - .090	.708	.478	.010 - .020	.710	.533	.050 - .070	.717	.447	.005 - .010	.721	.318	.030 - .042	.728	.402	.010 - .040
.704	.336	.005 - .010	.708	.478	.080 - .090	.710	.575	.040 - .060	.717	.473	.015 - .030	.721	.404	.062 - .078	.728	.440	.005 - .010
.704	.343	.060 - .080	.708	.512	.005 - .040	.710	.578	.040 - .060	.717	.476	.025 - .040	.721	.423	.005 - .010	.728	.454	.015 - .025
.704	.366	.010 - .040	.708	.550	.020 - .036	.710	.589	.005 - .030	.717	.478	.005 - .010	.721	.530	.010 - .020	.728	.473	.025 - .042
.704	.475	.010 - .025	.708	.551	.045 - .060	.710	.610	.010 - .020	.717	.515	.050 - .075	.721	.594	.016 - .025	.728	.477	.005 - .010
.704	.478	.040 - .060	.708	.575	.010 - .025	.710	.620	.005 - .010	.717	.548	.005 - .010	.721	.601	.020 - .040	.728	.500	.005 - .015
.704	.480	.015 - .030	.708	.630	.005 - .010	.711	.160	.005 - .010	.717	.628	.005 - .010	.722	.186	.005 - .010	.728	.532	.020 - .040
.704	.497	.020 - .035	.708	.632	.005 - .010	.711	.168	.005 - .010	.718	.131	.030 - .050	.722	.221	.080 - .100	.728	.545	.015 - .030
.704	.503	.060 - .100	.708	.636	.015 - .030	.711	.320	.005 - .010	.718	.160	.048 - .062	.722	.233	.050 - .070	.728	.574	.005 - .010
.704	.532	.030 - .050	.708	.637	.005 - .020	.711	.407	.020 - .050	.718	.189	.015 - .030	.722	.265	.050 - .075	.728	.591	.030 - .050
.704	.553	.005 - .010	.708	.641	.005 - .010	.711	.485	.040 - .060	.718	.205	.005 - .010	.722	.268	.005 - .010	.728	.631	.012 - .020
.704	.600	.020 - .040	.709	.145	.005 - .010	.711	.486	.040 - .060	.718	.213	.015 - .030	.722	.314	.050 - .075	.728	.632	.005 - .010
.704	.626	.005 - .010	.709	.149	.030 - .060	.711	.526	.015 - .025	.718	.252	.010 - .025	.722	.320	.050 - .080	.729	.219	.010 - .020
.705	.085	.005 - .012	.709	.177	.005 - .010	.712	.177	.020 - .032	.718	.257	.025 - .040	.722	.324	.030 - .050	.729	.376	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.730	.429	.005 - .010	.735	.500	.020 - .070	.740	.550	.005 - .010	.744	.507	.040 - .075	.746	.531	.005 - .020	.748	.504	.050 - .070
.730	.433	.025 - .040	.735	.560	.060 - .080	.740	.571	.005 - .010	.744	.523	.030 - .050	.746	.533	.030 - .050	.748	.507	.020 - .036
.730	.460	.010 - .020	.735	.627	.040 - .060	.740	.603	.005 - .010	.744	.525	.040 - .050	.746	.564	.015 - .030	.748	.511	.010 - .020
.730	.475	.020 - .040	.736	.118	.015 - .030	.740	.626	.005 - .010	.744	.532	.010 - .020	.746	.565	.075 - .090	.748	.513	.070 - .090
.730	.480	.050 - .070	.736	.159	.040 - .050	.740	.628	.005 - .010	.744	.561	.005 - .010	.746	.579	.025 - .048	.748	.553	.005 - .010
.730	.486	.020 - .040	.736	.160	.030 - .050	.740	.631	.005 - .010	.744	.599	.005 - .012	.746	.608	.050 - .070	.748	.563	.015 - .030
.730	.492	.030 - .050	.736	.268	.042 - .060	.740	.659	.005 - .010	.744	.622	.020 - .040	.746	.621	.005 - .010	.748	.570	.005 - .012
.730	.506	.040 - .060	.736	.310	.048 - .070	.740	.660	.020 - .030	.745	.095	.005 - .010	.746	.627	.020 - .040	.748	.573	.012 - .020
.730	.519	.050 - .070	.736	.313	.040 - .060	.740	.691	.005 - .010	.745	.120	.015 - .040	.746	.634	.010 - .020	.748	.582	.005 - .010
.730	.526	.005 - .010	.736	.318	.015 - .030	.740	.696	.010 - .020	.745	.126	.032 - .050	.746	.670	.005 - .010	.748	.595	.015 - .030
.730	.569	.015 - .030	.736	.380	.020 - .030	.741	.201	.015 - .025	.745	.143	.035 - .055	.747	.131	.025 - .040	.748	.626	.040 - .060
.730	.571	.005 - .010	.736	.386	.040 - .060	.741	.203	.060 - .080	.745	.184	.010 - .020	.747	.143	.030 - .050	.748	.629	.010 - .020
.730	.615	.020 - .030	.736	.436	.005 - .010	.741	.261	.156 - .187	.745	.190	.040 - .060	.747	.214	.065 - .080	.748	.632	.015 - .030
.730	.630	.030 - .042	.736	.467	.005 - .010	.741	.291	.015 - .025	.745	.191	.025 - .035	.747	.235	.005 - .010	.748	.634	.005 - .030
.730	.632	.005 - .010	.736	.504	.007 - .016	.741	.296	.015 - .030	.745	.193	.020 - .060	.747	.261	.015 - .025	.748	.635	.015 - .025
.731	.206	.030 - .050	.736	.516	.030 - .050	.741	.322	.050 - .075	.745	.193	.090 - .110	.747	.268	.005 - .010	.748	.644	.025 - .040
.731	.410	.070 - .090	.736	.565	.005 - .010	.741	.378	.050 - .080	.745	.200	.050 - .070	.747	.269	.040 - .060	.748	.670	.005 - .015
.731	.416	.005 - .080	.736	.578	.015 - .025	.741	.395	.025 - .040	.745	.214	.015 - .030	.747	.315	.005 - .010	.748	.693	.005 - .010
.731	.426	.010 - .020	.736	.595	.040 - .062	.741	.412	.080 - .105	.745	.234	.040 - .060	.747	.316	.030 - .040	.749	.064	.030 - .050
.731	.433	.030 - .050	.736	.601	.015 - .030	.741	.505	.060 - .083	.745	.244	.005 - .010	.747	.317	.040 - .060	.749	.087	.015 - .030
.731	.453	.100 - .120	.736	.633	.015 - .030	.741	.515	.040 - .060	.745	.255	.032 - .050	.747	.324	.020 - .030	.749	.160	.008 - .016
.731	.482	.020 - .040	.736	.650	.025 - .040	.741	.529	.010 - .020	.745	.264	.010 - .020	.747	.376	.010 - .020	.749	.161	.060 - .090
.731	.564	.005 - .010	.737	.318	.015 - .025	.741	.531	.050 - .070	.745	.265	.050 - .125	.747	.377	.010 - .015	.749	.162	.030 - .050
.731	.585	.005 - .010	.737	.330	.040 - .060	.741	.562	.030 - .060	.745	.291	.005 - .010	.747	.380	.008 - .016	.749	.181	.060 - .090
.732	.043	.010 - .020	.737	.364	.005 - .010	.741	.570	.020 - .040	.745	.316	.060 - .070	.747	.395	.010 - .020	.749	.190	.010 - .020
.732	.159	.070 - .090	.737	.419	.030 - .060	.741	.636	.015 - .030	.745	.317	.105 - .135	.747	.397	.105 - .125	.749	.194	.090 - .125
.732	.163	.015 - .030	.737	.436	.040 - .050	.741	.640	.005 - .010	.745	.320	.080 - .105	.747	.468	.030 - .050	.749	.200	.005 - .010
.732	.165	.005 - .010	.737	.503	.060 - .083	.741	.690	.005 - .010	.745	.330	.015 - .030	.747	.475	.008 - .012	.749	.200	.020 - .042
.732	.199	.042 - .080	.737	.505	.005 - .070	.742	.149	.005 - .010	.745	.389	.050 - .070	.747	.478	.005 - .015	.749	.203	.125 - .156
.732	.253	.010 - .015	.737	.510	.010 - .020	.742	.226	.075 - .100	.745	.403	.050 - .060	.747	.491	.005 - .010	.749	.204	.005 - .060
.732	.263	.040 - .062	.737	.537	.030 - .050	.742	.251	.040 - .060	.745	.422	.090 - .100	.747	.508	.100 - .125	.749	.220	.105 - .135
.732	.281	.050 - .075	.737	.546	.005 - .010	.742	.271	.110 - .130	.745	.438	.020 - .036	.747	.510	.015 - .030	.749	.221	.040 - .060
.732	.290	.005 - .010	.737	.550	.025 - .040	.742	.346	.020 - .030	.745	.451	.010 - .020	.747	.517	.010 - .020	.749	.229	.160 - .187
.732	.330	.005 - .060	.738	.342	.042 - .060	.742	.360	.050 - .060	.745	.454	.120 - .140	.747	.561	.010 - .025	.749	.237	.005 - .030
.732	.335	.020 - .040	.738	.346	.005 - .010	.742	.378	.080 - .104	.745	.455	.032 - .050	.747	.566	.050 - .070	.749	.252	.025 - .040
.732	.443	.015 - .030	.738	.511	.015 - .030	.742	.380	.030 - .050	.745	.468	.005 - .012	.747	.594	.005 - .010	.749	.257	.072 - .120
.732	.475	.008 - .015	.738	.538	.015 - .030	.742	.387	.100 - .135	.745	.509	.005 - .010	.747	.618	.005 - .010	.749	.258	.030 - .040
.732	.502	.025 - .042	.738	.540	.015 - .025	.742	.389	.042 - .062	.745	.510	.020 - .040	.747	.628	.005 - .010	.749	.263	.030 - .050
.732	.550	.040 - .050	.738	.544	.005 - .010	.742	.426	.050 - .070	.745	.538	.030 - .050	.747	.632	.030 - .050	.749	.268	.060 - .090
.733	.159	.070 - .090	.738	.594	.015 - .030	.742	.443	.025 - .060	.745	.541	.010 - .025	.747	.651	.005 - .010	.749	.272	.005 - .010
.733	.234	.005 - .010	.738	.595	.005 - .010	.742	.462	.005 - .010	.745	.558	.010 - .020	.747	.691	.015 - .025	.749	.286	.105 - .120
.733	.389	.010 - .020	.739	.222	.040 - .060	.742	.466	.060 - .075	.745	.560	.005 - .010	.748	.066	.015 - .030	.749	.313	.005 - .040
.733	.435	.030 - .050	.739	.305	.010 - .020	.742	.474	.080 - .100	.745	.562	.020 - .030	.748	.136	.031 - .042	.749	.315	.005 - .010
.733	.502	.040 - .060	.739	.333	.050 - .070	.742	.502	.060 - .070	.745	.571	.005 - .010	.748	.139	.020 - .042	.749	.316	.005 - .010
.733	.515	.050 - .070	.739	.407	.060 - .080	.742	.517	.005 - .030	.745	.576	.042 - .060	.748	.140	.005 - .010	.749	.322	.005 - .010
.733	.650	.010 - .015	.739	.431	.070 - .090	.742	.566	.025 - .040	.745	.591	.030 - .050	.748	.147	.062 - .075	.749	.323	.105 - .125
.734	.162	.015 - .030	.739	.505	.015 - .030	.742	.593	.025 - .040	.745	.599	.005 - .010	.748	.173	.032 - .050	.749	.330	.060 - .090
.734	.187	.005 - .010	.739	.519	.005 - .010	.742	.671	.010 - .020	.745	.605	.005 - .010	.748	.180	.008 - .016	.749	.347	.020 - .035
.734	.192	.080 - .125	.739	.522	.015 - .030	.743	.144	.070 - .090	.745	.626	.040 - .060	.748	.197	.005 - .010	.749	.350	.005 - .010
.734	.198	.070 - .090	.739	.565	.015 - .030	.743	.271	.050 - .075	.745	.628	.005 - .010	.748	.201	.060 - .090	.749	.351	.005 - .010
.734	.203	.040 - .080	.739	.576	.005 - .010	.743	.390	.005 - .010	.745	.661	.010 - .015	.748	.237	.005 - .010	.749	.364	.005 - .010
.734	.209	.005 - .010	.739	.605	.040 - .060	.743	.417	.005 - .010	.745	.693	.010 - .020	.748	.238	.005 - .010	.749	.375	.025 - .040
.734	.258	.040 - .060	.739	.632	.005 - .010	.743	.475	.040 - .050	.746	.100	.032 - .050	.748	.239	.050 - .070	.749	.379	.036 - .060
.734	.260	.032 - .050	.739	.634	.005 - .010	.743	.488	.060 - .080	.746	.125	.015 - .030	.748	.241	.040 - .060	.749	.386	.005 - .010
.734	.316	.010 - .020	.739	.656	.025 - .040	.743	.520	.070 - .090	.746	.166	.050 - .075	.748	.249	.050 - .075	.749	.387	.005 - .010
.734	.376	.030 - .050	.740	.143	.070 - .080	.743	.531	.005 - .010	.746	.200	.060 - .080	.748	.252	.005 - .010	.749	.395	.005 - .010
.734	.380	.010 - .015	.740	.160	.005 - .010	.743	.541	.005 - .010	.746	.203	.030 - .050	.748	.254	.060 - .090	.749	.397	.015 - .025
.734	.400	.020 - .040	.740	.200	.005 - .010	.743	.556	.005 - .008	.746	.204	.070 - .090	.748	.255	.005 - .010	.749	.402	.100 - .120
.734	.406	.050 - .125	.740	.206	.005 - .010	.743	.572	.040 - .060	.746	.253	.040 - .060	.748	.259	.008 - .016	.749	.403	.005 - .008
.734	.420	.093 - .130	.740	.250	.120 - .135	.743	.596	.005 - .010	.746	.260	.005 - .010	.748	.315	.005 - .010	.749	.408	.005 - .010
.734	.466	.060 - .075	.740	.318	.005 - .010	.743	.600	.010 - .080	.746	.285	.005 - .010	.748	.316	.005 - .190	.749	.424	.040 - .060
.734	.485	.020 - .030	.740	.330	.070 - .080	.743	.623	.010 - .020	.746	.316	.005 - .030	.748	.318	.005 - .020	.749	.437	.042 - .060
.734	.515	.030 - .042	.740	.341	.050 - .070	.743	.630	.016 - .025	.746	.318	.078 - .090	.748	.322	.005 - .010	.749	.438	.010 - .020
.734	.531	.005 - .010	.740	.344	.020 - .030	.743	.683	.015 - .030	.746	.319	.040 - .060	.748	.328	.105 - .134	.749	.440	.005 - .070
.734	.630	.032 - .048	.740	.352	.020 - .040	.744	.187	.100 - .120	.746	.378	.010 - .020	.748	.331	.015 - .030	.749	.445	.005 - .015
.735	.193	.050 - .070	.740	.377	.050 - .093	.744	.215	.030 - .050	.746	.379	.040 - .060	.748	.357	.070 - .090	.749	.459	.005 - .010
.735	.282	.050 - .070	.740	.380	.030 - .125	.744	.236	.010 - .020	.746	.386	.060 - .070	.748	.376	.005 - .010	.749	.468	.005 - .010
.735	.321	.030 - .060	.740	.386	.005 - .010	.744	.262	.015 - .030	.746	.390	.006 - .010	.748	.377	.156 - .187	.749	.471	.05

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.749	.595	.035 - .062	.750	.268	.010 - .080	.750	.454	.015 - .030	.751	.190	.005 - .010	.752	.357	.050 - .070	.758	.234	.005 - .010
.749	.599	.015 - .030	.750	.270	.005 - .010	.750	.454	.042 - .125	.751	.194	.090 - .125	.752	.375	.062 - .075	.758	.237	.005 - .010
.749	.609	.005 - .010	.750	.277	.005 - .010	.750	.457	.070 - .090	.751	.200	.042 - .062	.752	.379	.090 - .110	.758	.310	.015 - .030
.749	.620	.015 - .030	.750	.281	.005 - .078	.750	.468	.010 - .125	.751	.204	.005 - .010	.752	.380	.090 - .120	.758	.350	.080 - .100
.749	.626	.040 - .060	.750	.282	.105 - .135	.750	.470	.020 - .040	.751	.205	.060 - .080	.752	.388	.050 - .070	.758	.394	.040 - .060
.749	.633	.010 - .020	.750	.283	.170 - .190	.750	.472	.016 - .025	.751	.206	.040 - .075	.752	.389	.005 - .010	.758	.608	.050 - .075
.749	.640	.030 - .060	.750	.285	.015 - .135	.750	.476	.060 - .080	.751	.218	.020 - .050	.752	.406	.060 - .083	.759	.462	.005 - .010
.749	.644	.005 - .010	.750	.288	.015 - .030	.750	.477	.005 - .010	.751	.229	.015 - .030	.752	.431	.090 - .125	.759	.606	.005 - .010
.749	.650	.040 - .050	.750	.291	.100 - .125	.750	.478	.100 - .125	.751	.239	.005 - .010	.752	.461	.008 - .012	.759	.694	.005 - .010
.749	.669	.005 - .010	.750	.293	.100 - .125	.750	.480	.030 - .050	.751	.242	.080 - .105	.752	.475	.030 - .050	.760	.032	.020 - .032
.750			.750	.295	.015 - .030	.750	.491	.015 - .030	.751	.244	.050 - .070	.752	.502	.008 - .012	.760	.126	.015 - .030
			.750	.299	.010 - .020	.750	.496	.040 - .060	.751	.250	.080 - .140	.752	.504	.010 - .050	.760	.150	.020 - .040
			.750	.303	.060 - .080	.750	.499	.100 - .125	.751	.255	.050 - .070	.752	.505	.015 - .030	.760	.200	.090 - .110
			.750	.312	.035 - .050	.750	.500	.005 - .060	.751	.257	.050 - .070	.752	.516	.005 - .015	.760	.256	.080 - .104
			.750	.313	.020 - .135	.750	.502	.005 - .100	.751	.265	.005 - .015	.752	.555	.040 - .070	.760	.260	.030 - .062
.750	.063	.025 - .048	.750	.315	.025 - .190	.750	.503	.005 - .020	.751	.266	.032 - .050	.752	.564	.050 - .070	.760	.269	.040 - .060
.750	.069	.005 - .010	.750	.316	.007 - .125	.750	.504	.015 - .025	.751	.272	.100 - .125	.752	.570	.010 - .020	.760	.322	.050 - .070
.750	.078	.005 - .010	.750	.317	.005 - .030	.750	.505	.025 - .105	.751	.296	.050 - .070	.752	.591	.060 - .090	.760	.330	.005 - .010
.750	.085	.005 - .010	.750	.318	.005 - .015	.750	.506	.005 - .020	.751	.303	.005 - .010	.752	.624	.050 - .070	.760	.385	.040 - .060
.750	.090	.010 - .015	.750	.319	.040 - .100	.750	.509	.005 - .010	.751	.307	.010 - .020	.752	.697	.010 - .020	.760	.446	.010 - .020
.750	.096	.060 - .090	.750	.320	.015 - .025	.750	.510	.010 - .020	.751	.315	.015 - .030	.753	.133	.075 - .090	.760	.471	.050 - .070
.750	.102	.015 - .025	.750	.321	.005 - .010	.750	.510	.100 - .120	.751	.322	.050 - .075	.753	.170	.020 - .040	.760	.482	.040 - .060
.750	.118	.005 - .010	.750	.325	.125 - .156	.750	.511	.030 - .060	.751	.325	.015 - .030	.753	.276	.010 - .020	.760	.508	.105 - .120
.750	.125	.012 - .025	.750	.326	.025 - .040	.750	.512	.005 - .075	.751	.331	.075 - .093	.753	.318	.050 - .070	.760	.525	.015 - .030
.750	.126	.005 - .010	.750	.327	.062 - .090	.750	.513	.010 - .075	.751	.332	.005 - .010	.753	.330	.110 - .130	.760	.565	.020 - .040
.750	.128	.005 - .010	.750	.329	.070 - .090	.750	.514	.100 - .125	.751	.335	.090 - .125	.753	.337	.100 - .125	.760	.571	.070 - .090
.750	.129	.090 - .104	.750	.330	.025 - .040	.750	.517	.030 - .050	.751	.343	.025 - .040	.753	.375	.100 - .125	.760	.579	.005 - .008
.750	.133	.030 - .050	.750	.331	.005 - .010	.750	.522	.010 - .020	.751	.361	.005 - .010	.753	.381	.134 - .187	.760	.592	.020 - .035
.750	.134	.005 - .010	.750	.333	.005 - .010	.750	.524	.015 - .030	.751	.376	.005 - .015	.753	.384	.050 - .070	.760	.624	.020 - .030
.750	.143	.015 - .030	.750	.337	.042 - .072	.750	.525	.050 - .070	.751	.379	.040 - .060	.753	.405	.050 - .072	.760	.664	.005 - .010
.750	.146	.010 - .078	.750	.344	.075 - .100	.750	.528	.005 - .010	.751	.380	.005 - .020	.753	.409	.005 - .010	.760	.675	.010 - .020
.750	.147	.005 - .015	.750	.345	.005 - .125	.750	.530	.040 - .105	.751	.387	.105 - .125	.753	.472	.100 - .120	.761	.141	.005 - .015
.750	.150	.005 - .020	.750	.348	.005 - .010	.750	.531	.010 - .020	.751	.395	.020 - .030	.753	.477	.020 - .040	.761	.184	.005 - .015
.750	.155	.005 - .010	.750	.350	.072 - .090	.750	.532	.020 - .125	.751	.400	.050 - .080	.753	.484	.025 - .050	.761	.561	.030 - .050
.750	.156	.025 - .075	.750	.354	.005 - .010	.750	.533	.050 - .070	.751	.420	.110 - .130	.753	.526	.030 - .060	.762	.250	.005 - .010
.750	.161	.090 - .100	.750	.356	.070 - .080	.750	.535	.010 - .020	.751	.435	.005 - .010	.753	.527	.005 - .010	.762	.445	.040 - .060
.750	.165	.060 - .080	.750	.359	.015 - .125	.750	.536	.040 - .060	.751	.437	.005 - .010	.753	.562	.070 - .090	.762	.616	.005 - .010
.750	.166	.025 - .035	.750	.362	.050 - .075	.750	.540	.040 - .050	.751	.438	.050 - .070	.753	.609	.025 - .050	.763	.503	.005 - .010
.750	.171	.005 - .010	.750	.364	.005 - .010	.750	.545	.015 - .030	.751	.440	.050 - .070	.753	.627	.005 - .015	.763	.660	.005 - .010
.750	.172	.010 - .020	.750	.374	.010 - .020	.750	.549	.005 - .010	.751	.448	.050 - .070	.753	.629	.005 - .010	.764	.315	.050 - .075
.750	.177	.040 - .060	.750	.375	.005 - .010	.750	.550	.020 - .030	.751	.455	.010 - .020	.754	.253	.005 - .010	.764	.528	.060 - .080
.750	.184	.030 - .050	.750	.376	.005 - .125	.750	.551	.010 - .020	.751	.463	.050 - .070	.754	.265	.030 - .060	.764	.707	.005 - .010
.750	.186	.005 - .015	.750	.377	.005 - .010	.750	.558	.040 - .060	.751	.470	.075 - .090	.754	.393	.005 - .010	.765	.117	.040 - .062
.750	.188	.060 - .083	.750	.378	.005 - .187	.750	.562	.040 - .060	.751	.499	.005 - .025	.754	.428	.048 - .062	.765	.222	.030 - .050
.750	.189	.005 - .104	.750	.379	.015 - .040	.750	.563	.010 - .060	.751	.500	.050 - .070	.754	.460	.105 - .125	.765	.265	.100 - .125
.750	.190	.015 - .125	.750	.381	.048 - .062	.750	.564	.005 - .060	.751	.503	.005 - .110	.754	.469	.040 - .060	.765	.285	.005 - .010
.750	.191	.050 - .075	.750	.382	.020 - .040	.750	.565	.010 - .040	.751	.504	.010 - .080	.754	.509	.030 - .050	.765	.293	.040 - .060
.750	.192	.050 - .070	.750	.383	.060 - .083	.750	.566	.012 - .020	.751	.505	.010 - .105	.754	.532	.080 - .105	.765	.312	.050 - .062
.750	.193	.010 - .075	.750	.384	.005 - .020	.750	.569	.050 - .062	.751	.506	.015 - .025	.755	.222	.005 - .010	.765	.331	.025 - .040
.750	.194	.042 - .062	.750	.385	.005 - .010	.750	.570	.020 - .040	.751	.508	.020 - .030	.755	.281	.005 - .010	.765	.348	.025 - .035
.750	.195	.005 - .125	.750	.387	.050 - .080	.750	.582	.030 - .050	.751	.513	.090 - .120	.755	.335	.170 - .190	.765	.406	.005 - .010
.750	.197	.005 - .010	.750	.388	.025 - .040	.750	.584	.005 - .010	.751	.515	.025 - .040	.755	.347	.010 - .020	.765	.508	.005 - .010
.750	.198	.025 - .105	.750	.389	.050 - .070	.750	.590	.005 - .010	.751	.516	.080 - .060	.755	.378	.010 - .080	.765	.528	.050 - .060
.750	.200	.030 - .060	.750	.390	.005 - .105	.750	.595	.005 - .020	.751	.521	.048 - .060	.755	.385	.025 - .042	.765	.533	.015 - .030
.750	.202	.005 - .010	.750	.394	.100 - .125	.750	.609	.040 - .060	.751	.524	.005 - .010	.755	.393	.005 - .010	.765	.565	.010 - .020
.750	.203	.030 - .050	.750	.395	.020 - .050	.750	.625	.005 - .050	.751	.563	.005 - .040	.755	.513	.030 - .040	.765	.625	.050 - .070
.750	.204	.050 - .070	.750	.396	.060 - .070	.750	.626	.015 - .030	.751	.594	.010 - .020	.755	.520	.005 - .010	.766	.505	.030 - .050
.750	.206	.070 - .090	.750	.400	.010 - .040	.750	.630	.005 - .060	.751	.600	.030 - .050	.755	.532	.020 - .040	.766	.518	.050 - .070
.750	.209	.030 - .050	.750	.402	.042 - .060	.750	.632	.005 - .010	.751	.606	.005 - .010	.755	.533	.010 - .020	.766	.535	.080 - .100
.750	.213	.105 - .125	.750	.406	.010 - .030	.750	.634	.005 - .020	.751	.626	.005 - .025	.755	.552	.030 - .040	.766	.557	.025 - .040
.750	.218	.005 - .010	.750	.406	.090 - .110	.750	.639	.015 - .030	.751	.633	.005 - .010	.755	.554	.005 - .010	.766	.585	.015 - .030
.750	.223	.125 - .156	.750	.407	.120 - .134	.750	.640	.010 - .020	.751	.634	.005 - .010	.755	.565	.040 - .060	.766	.610	.030 - .050
.750	.229	.005 - .010	.750	.411	.060 - .070	.750	.645	.010 - .020	.751	.639	.010 - .015	.755	.586	.005 - .010	.766	.676	.005 - .010
.750	.232	.050 - .075	.750	.413	.005 - .015	.750	.650	.025 - .040	.751	.650	.010 - .020	.756	.230	.005 - .010	.767	.073	.025 - .040
.750	.236	.005 - .030	.750	.415	.005 - .010	.750	.651	.040 - .060	.752	.143	.090 - .120	.756	.258	.075 - .100	.767	.084	.015 - .030
.750	.242	.030 - .050	.750	.419	.080 - .100	.750	.679	.005 - .010	.752	.145	.100 - .125	.756	.375	.040 - .050	.767	.224	.090 - .110
.750	.250	.005 - .062	.750	.420	.105 - .125	.750	.691	.010 - .020	.752	.150	.090 - .105	.756	.395	.005 - .010	.767	.301	.100 - .125
.750	.251	.005 - .030	.750	.426	.005 - .010	.750	.692	.015 - .025	.752	.181	.080 - .104	.756	.408	.020 - .035	.767	.315	.020 - .040

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.768	.545	.020 - .040	.776	.653	.040 - .050	.781	.335	.005 - .050	.786	.300	.005 - .010	.788	.237	.080 - .100	.791	.056	.015 - .030
.768	.631	.020 - .040	.777	.150	.005 - .010	.781	.402	.010 - .020	.786	.316	.090 - .135	.788	.243	.030 - .050	.791	.323	.050 - .070
.769	.202	.050 - .070	.777	.317	.020 - .040	.781	.430	.048 - .062	.786	.382	.005 - .010	.788	.244	.005 - .010	.791	.400	.010 - .020
.769	.240	.050 - .070	.777	.328	.156 - .187	.781	.448	.015 - .040	.786	.396	.040 - .060	.788	.317	.010 - .020	.791	.401	.025 - .040
.769	.256	.005 - .035	.777	.392	.020 - .030				.786	.436	.050 - .070	.788	.319	.060 - .080	.791	.531	.010 - .020
.769	.395	.070 - .090	.777	.421	.025 - .040	.781	.485	.005 - .010	.786	.443	.100 - .120	.788	.322	.005 - .010	.791	.635	.005 - .010
.769	.399	.135 - .156	.777	.572	.005 - .010	.781	.488	.050 - .060	.786	.446	.040 - .060	.788	.355	.010 - .020	.791	.674	.010 - .020
.770	.141	.025 - .040	.777	.613	.050 - .070	.781	.501	.005 - .015	.786	.452	.010 - .020	.788	.376	.005 - .010	.792	.317	.062 - .083
.770	.211	.040 - .060	.778	.221	.005 - .015	.781	.518	.040 - .060	.786	.474	.005 - .010	.788	.394	.125 - .156	.792	.420	.020 - .030
.770	.248	.005 - .010	.778	.261	.060 - .070	.781	.531	.008 - .012	.786	.477	.005 - .010	.788	.395	.005 - .010	.792	.485	.025 - .040
.770	.375	.040 - .060	.778	.266	.062 - .075	.781	.557	.020 - .040	.786	.484	.040 - .050	.788	.397	.005 - .015	.792	.517	.010 - .020
.770	.377	.040 - .060	.778	.363	.070 - .090	.781	.600	.015 - .030	.786	.502	.010 - .020	.788	.403	.005 - .030	.792	.606	.005 - .010
.770	.384	.020 - .040	.778	.386	.030 - .050	.781	.605	.032 - .050	.786	.505	.005 - .020	.788	.414	.020 - .040	.792	.672	.010 - .020
.770	.385	.015 - .030	.778	.390	.015 - .030	.781	.621	.040 - .060	.786	.515	.010 - .020	.788	.440	.005 - .010	.792	.695	.015 - .030
.770	.430	.030 - .050	.778	.408	.020 - .040	.781	.625	.050 - .075	.786	.531	.020 - .030	.788	.452	.005 - .010	.793	.256	.010 - .020
.770	.474	.030 - .040	.778	.435	.120 - .135	.781	.627	.040 - .060	.786	.535	.005 - .030	.788	.472	.110 - .130	.793	.386	.050 - .060
.770	.517	.005 - .015	.778	.534	.062 - .078	.781	.628	.005 - .010	.786	.556	.040 - .060	.788	.473	.010 - .020	.793	.438	.080 - .100
.770	.524	.040 - .060	.779	.190	.030 - .050	.781	.629	.025 - .060	.786	.572	.050 - .070	.788	.476	.030 - .050	.793	.439	.060 - .090
.770	.525	.005 - .010	.779	.264	.025 - .040	.781	.640	.060 - .070	.786	.594	.010 - .020	.788	.478	.030 - .050	.793	.441	.020 - .040
.770	.531	.050 - .060	.779	.270	.060 - .090	.782	.200	.060 - .080	.786	.598	.030 - .050	.788	.483	.070 - .090	.793	.471	.025 - .048
.770	.536	.015 - .030	.779	.318	.050 - .070	.782	.368	.010 - .020	.786	.626	.030 - .050	.788	.487	.040 - .060	.793	.505	.025 - .040
.770	.571	.025 - .040	.779	.323	.015 - .030	.782	.437	.090 - .105	.786	.631	.030 - .050	.788	.488	.040 - .050	.793	.575	.032 - .050
.770	.636	.020 - .040	.779	.378	.090 - .105	.782	.440	.015 - .030	.786	.680	.010 - .020	.788	.505	.050 - .070	.794	.257	.005 - .010
.770	.664	.005 - .010	.779	.395	.032 - .060	.782	.442	.070 - .090	.787	.129	.030 - .050	.788	.512	.060 - .090	.794	.285	.005 - .010
.770	.680	.035 - .045	.779	.422	.030 - .050	.782	.482	.070 - .090	.787	.141	.040 - .060	.788	.521	.048 - .062	.794	.420	.090 - .110
.770	.711	.015 - .030	.779	.439	.015 - .030	.782	.500	.030 - .060	.787	.142	.030 - .060	.788	.545	.005 - .010	.794	.477	.135 - .160
.771	.380	.005 - .010	.779	.476	.100 - .125	.782	.513	.030 - .050	.787	.161	.050 - .070	.788	.555	.040 - .060	.794	.552	.070 - .090
.771	.474	.050 - .070	.779	.492	.050 - .060	.782	.517	.080 - .100	.787	.188	.020 - .040	.788	.566	.080 - .100	.795	.116	.005 - .010
.771	.511	.105 - .125	.779	.568	.010 - .020	.782	.530	.093 - .103	.787	.203	.040 - .060	.788	.596	.030 - .050	.795	.159	.005 - .010
.771	.554	.010 - .020	.779	.579	.005 - .010	.782	.542	.005 - .010	.787	.208	.070 - .080	.788	.697	.010 - .015	.795	.170	.090 - .125
.771	.606	.005 - .010	.779	.632	.030 - .060	.782	.546	.010 - .020	.787	.228	.052 - .072	.788	.715	.005 - .010	.795	.175	.005 - .010
.771	.639	.050 - .060	.779	.633	.005 - .010	.782	.562	.060 - .083	.787	.238	.005 - .010	.788	.716	.010 - .020	.795	.187	.030 - .050
.771	.700	.005 - .010	.779	.640	.040 - .060	.782	.563	.010 - .020	.787	.256	.010 - .020	.789	.114	.025 - .040	.795	.197	.008 - .016
.772	.188	.020 - .040	.779	.680	.005 - .010	.782	.565	.005 - .020	.787	.257	.025 - .060	.789	.221	.005 - .010	.795	.267	.048 - .062
.772	.250	.040 - .060	.779	.700	.010 - .020	.782	.699	.005 - .010	.787	.279	.005 - .010	.789	.255	.010 - .020	.795	.281	.040 - .060
.772	.265	.060 - .070	.780	.051	.025 - .035	.783	.062	.030 - .050	.787	.315	.005 - .020	.789	.262	.040 - .050	.795	.340	.005 - .012
.772	.404	.005 - .010	.780	.190	.020 - .060	.783	.254	.050 - .070	.787	.317	.005 - .010	.789	.312	.042 - .060	.795	.392	.010 - .020
.772	.412	.050 - .060	.780	.267	.062 - .090	.783	.270	.070 - .080	.787	.318	.005 - .010	.789	.316	.005 - .010	.795	.427	.090 - .105
.772	.671	.010 - .020	.780	.306	.015 - .030	.783	.278	.010 - .020	.787	.319	.005 - .010	.789	.327	.005 - .010	.795	.482	.030 - .050
.773	.126	.005 - .010	.780	.378	.005 - .020	.783	.320	.050 - .070	.787	.324	.015 - .030	.789	.354	.060 - .080	.795	.509	.030 - .060
.773	.238	.062 - .080	.780	.380	.080 - .105	.783	.453	.080 - .104	.787	.329	.005 - .010	.789	.438	.005 - .010	.795	.532	.005 - .010
.773	.370	.060 - .080	.780	.390	.080 - .104	.783	.488	.005 - .010	.787	.355	.135 - .156	.789	.478	.050 - .080	.795	.551	.010 - .020
.773	.480	.015 - .030	.780	.391	.080 - .100	.783	.500	.030 - .050	.787	.380	.015 - .030	.789	.498	.005 - .010	.795	.577	.090 - .105
.773	.579	.090 - .100	.780	.403	.005 - .010	.783	.513	.025 - .040	.787	.392	.005 - .010	.789	.514	.005 - .010	.795	.634	.005 - .010
.773	.656	.020 - .040	.780	.408	.030 - .050	.783	.604	.005 - .010	.787	.394	.015 - .030	.789	.543	.010 - .020	.795	.655	.030 - .040
.773	.677	.040 - .050	.780	.420	.060 - .080	.783	.630	.060 - .080	.787	.395	.005 - .010	.789	.630	.010 - .020	.795	.680	.005 - .040
.773	.692	.005 - .010	.780	.422	.015 - .040	.783	.635	.050 - .070	.787	.397	.005 - .010	.790	.160	.015 - .030	.795	.730	.025 - .035
.774	.251	.050 - .070	.780	.425	.010 - .020	.783	.645	.005 - .020	.787	.398	.005 - .020	.790	.175	.050 - .070	.795	.731	.030 - .040
.774	.556	.050 - .070	.780	.460	.030 - .060	.783	.646	.005 - .010	.787	.399	.070 - .080	.790	.240	.010 - .020	.796	.256	.005 - .010
.774	.605	.010 - .020	.780	.484	.005 - .010	.783	.656	.048 - .062	.787	.400	.040 - .060	.790	.250	.032 - .042	.796	.286	.005 - .010
.774	.634	.010 - .020	.780	.498	.080 - .104	.784	.480	.030 - .050	.787	.410	.060 - .080	.790	.288	.090 - .110	.796	.290	.025 - .040
.774	.705	.005 - .010	.780	.500	.015 - .030	.784	.508	.100 - .125	.787	.424	.005 - .010	.790	.319	.005 - .010	.796	.353	.030 - .040
.775	.228	.050 - .072	.780	.503	.006 - .012	.784	.592	.015 - .030	.787	.433	.010 - .020	.790	.320	.005 - .010	.796	.397	.050 - .070
.775	.229	.070 - .090	.780	.510	.005 - .030	.784	.599	.030 - .050	.787	.453	.005 - .010	.790	.341	.020 - .040	.796	.509	.040 - .060
.775	.231	.042 - .062	.780	.511	.030 - .050	.784	.601	.030 - .050	.787	.472	.030 - .050	.790	.350	.025 - .048	.796	.520	.005 - .012
.775	.252	.005 - .010	.780	.520	.007 - .015	.784	.612	.020 - .030	.787	.473	.005 - .010	.790	.375	.015 - .030	.796	.521	.030 - .060
.775	.324	.100 - .125	.780	.527	.075 - .090	.785	.170	.042 - .062	.787	.475	.010 - .020	.790	.377	.020 - .040	.796	.525	.010 - .020
.775	.335	.015 - .030	.780	.529	.025 - .040	.785	.238	.006 - .010	.787	.477	.050 - .070	.790	.378	.040 - .050	.796	.579	.040 - .060
.775	.368	.080 - .090	.780	.552	.040 - .060	.785	.343	.005 - .010	.787	.480	.020 - .030	.790	.383	.075 - .090	.796	.602	.025 - .040
.775	.379	.005 - .012	.780	.562	.031 - .048	.785	.357	.005 - .010	.787	.490	.070 - .090	.790	.423	.025 - .040	.796	.610	.005 - .070
.775	.428	.025 - .040	.780	.566	.030 - .050	.785	.392	.110 - .130	.787	.490	.120 - .130	.790	.438	.020 - .040	.796	.630	.030 - .040
.775	.457	.005 - .010	.780	.566	.080 - .100	.785	.406	.005 - .010	.787	.525	.005 - .010	.790	.440	.010 - .020	.797	.349	.005 - .010
.775	.464	.048 - .070	.780	.570	.020 - .040	.785	.417	.050 - .070	.787	.530	.030 - .050	.790	.441	.020 - .040	.797	.413	.005 - .010
.775	.469	.080 - .100	.780	.579	.005 - .015	.785	.450	.050 - .070	.787	.547	.005 - .010	.790	.448	.015 - .030	.797	.561	.020 - .040
.775	.500	.075 - .090	.780	.591	.060 - .090	.785	.475	.015 - .050	.787	.551	.005 - .030	.790	.450	.030 - .042	.797	.691	.025 - .040
.775	.525	.100 - .125	.780	.593	.005 - .010	.785	.482	.100 - .125	.787	.556	.005 - .010	.790	.452	.030 - .060	.798	.312	.010 - .025
.775	.555	.020 - .030	.780	.598	.050 - .070	.785	.512	.060 - .080	.787	.577	.005 - .010	.790	.467	.030 - .050	.798	.351	.010 - .020
.775	.560	.070 - .090	.780	.600	.005 - .010	.785	.520	.090 - .105	.787	.603	.005 - .010	.790	.478	.025 - .045	.798	.378	.005 - .010
.7																	

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.799	.472	.030 - .050	.800	.678	.005 - .010	.807	.534	.005 - .010	.810	.652	.005 - .010	.812	.641	.015 - .080	.818	.317	.030 - .040
.799	.492	.080 - .100	.800	.679	.005 - .010	.807	.598	.020 - .040	.810	.675	.005 - .010	.812	.647	.015 - .025	.818	.321	.010 - .020
.799	.500	.005 - .010	.800	.680	.005 - .010	.807	.625	.005 - .010	.810	.690	.010 - .020	.812	.650	.040 - .060	.818	.330	.005 - .010
.799	.501	.010 - .020	.800	.694	.020 - .040	.807	.629	.020 - .040	.810	.703	.005 - .010	.812	.655	.020 - .030	.818	.391	.125 - .156
.799	.505	.025 - .040	.800	.711	.010 - .040	.807	.638	.015 - .030	.810	.706	.025 - .042	.812	.675	.020 - .040	.818	.432	.060 - .080
.799	.580	.050 - .075	.801	.148	.010 - .020	.807	.640	.010 - .020	.810	.723	.005 - .010	.812	.687	.050 - .070	.818	.480	.005 - .010
.799	.596	.005 - .010	.801	.255	.030 - .060	.807	.670	.050 - .070	.811	.116	.005 - .015	.812	.697	.050 - .062	.818	.549	.005 - .010
.799	.629	.015 - .025	.801	.321	.040 - .050	.807	.690	.015 - .030	.811	.156	.030 - .050	.812	.707	.005 - .010	.818	.591	.090 - .110
.799	.653	.005 - .010	.801	.332	.080 - .104	.807	.745	.020 - .031	.811	.188	.040 - .060	.813	.156	.040 - .060	.818	.644	.010 - .020
.799	.671	.005 - .010	.801	.339	.040 - .060	.808	.228	.005 - .015	.811	.201	.040 - .060	.813	.162	.040 - .060	.818	.690	.040 - .060
.799	.673	.005 - .010	.801	.345	.075 - .102	.808	.231	.060 - .080	.811	.282	.050 - .070	.813	.194	.100 - .125	.818	.720	.025 - .040
.799	.674	.005 - .010	.801	.376	.015 - .030	.808	.317	.015 - .030	.811	.322	.030 - .050	.813	.204	.005 - .010	.819	.065	.025 - .040
.799	.694	.005 - .010	.801	.376	.040 - .060	.808	.375	.105 - .125	.811	.333	.005 - .010	.813	.272	.100 - .134	.819	.174	.005 - .010
.799	.701	.005 - .010	.801	.400	.025 - .040	.808	.413	.060 - .080	.811	.342	.135 - .187	.813	.318	.060 - .080	.819	.250	.005 - .010
.800	.076	.005 - .010	.801	.439	.005 - .010	.808	.414	.025 - .040	.811	.376	.040 - .060	.813	.328	.005 - .010	.819	.260	.010 - .020
.800	.190	.020 - .040	.801	.490	.005 - .010	.808	.471	.005 - .010	.811	.393	.010 - .020	.813	.350	.030 - .050	.819	.531	.005 - .010
.800	.194	.050 - .070	.801	.502	.015 - .025	.808	.478	.020 - .040	.811	.403	.060 - .070	.813	.380	.100 - .125	.819	.675	.025 - .040
.800	.200	.025 - .040	.801	.505	.005 - .010	.808	.532	.005 - .010	.811	.411	.010 - .020	.813	.406	.030 - .125	.819	.690	.020 - .035
.800	.222	.065 - .080	.801	.596	.015 - .025	.808	.620	.015 - .030	.811	.449	.100 - .125	.813	.407	.100 - .125	.819	.700	.040 - .060
.800	.225	.040 - .060	.801	.598	.015 - .030	.808	.626	.015 - .030	.811	.548	.070 - .090	.813	.419	.005 - .010	.820	.090	.005 - .010
.800	.250	.020 - .030	.801	.629	.040 - .060	.808	.692	.030 - .050	.811	.553	.040 - .060	.813	.431	.005 - .010	.820	.125	.015 - .030
.800	.252	.008 - .015	.801	.650	.010 - .020	.809	.094	.030 - .050	.811	.566	.025 - .050	.813	.435	.100 - .125	.820	.159	.105 - .135
.800	.253	.040 - .060	.801	.657	.005 - .010	.809	.096	.015 - .032	.811	.567	.042 - .062	.813	.441	.050 - .070	.820	.198	.005 - .010
.800	.254	.025 - .040	.801	.674	.005 - .010	.809	.099	.005 - .015	.811	.568	.005 - .010	.813	.450	.040 - .060	.820	.221	.010 - .020
.800	.256	.005 - .010	.801	.696	.060 - .070	.809	.157	.050 - .070	.811	.576	.026 - .052	.813	.493	.005 - .010	.820	.280	.060 - .075
.800	.315	.010 - .020	.802	.257	.060 - .080	.809	.250	.020 - .030	.811	.577	.025 - .042	.813	.494	.020 - .040	.820	.310	.005 - .010
.800	.316	.005 - .010	.802	.261	.040 - .062	.809	.257	.030 - .050	.811	.595	.035 - .060	.813	.496	.010 - .020	.820	.315	.005 - .010
.800	.320	.105 - .125	.802	.346	.020 - .035	.809	.288	.070 - .090	.811	.623	.005 - .010	.813	.500	.050 - .083	.820	.320	.040 - .060
.800	.327	.020 - .040	.802	.387	.050 - .075	.809	.321	.025 - .042	.811	.630	.005 - .010	.813	.504	.105 - .135	.820	.340	.005 - .010
.800	.345	.075 - .104	.802	.408	.100 - .110	.809	.336	.050 - .070	.811	.656	.005 - .010	.813	.510	.020 - .040	.820	.348	.005 - .010
.800	.370	.005 - .012	.802	.453	.025 - .040	.809	.377	.005 - .010	.811	.658	.020 - .030	.813	.562	.080 - .100	.820	.380	.005 - .010
.800	.377	.005 - .010	.802	.503	.005 - .010	.809	.385	.005 - .010	.812	.127	.025 - .040	.813	.563	.005 - .020	.820	.392	.010 - .020
.800	.378	.005 - .078	.802	.516	.040 - .060	.809	.414	.070 - .090	.812	.130	.015 - .030	.813	.597	.020 - .040	.820	.395	.050 - .075
.800	.379	.005 - .020	.802	.596	.005 - .010	.809	.475	.070 - .090	.812	.136	.040 - .060	.813	.631	.010 - .020	.820	.405	.135 - .160
.800	.380	.040 - .060	.802	.611	.025 - .040	.809	.483	.032 - .042	.812	.141	.005 - .040	.813	.634	.060 - .080	.820	.442	.025 - .040
.800	.387	.020 - .040	.802	.622	.020 - .030	.809	.504	.005 - .010	.812	.191	.020 - .040	.813	.659	.035 - .048	.820	.450	.012 - .025
.800	.397	.005 - .010	.802	.701	.005 - .010	.809	.508	.005 - .010	.812	.192	.005 - .010	.813	.680	.005 - .030	.820	.453	.015 - .025
.800	.397	.070 - .090	.802	.704	.025 - .040	.809	.570	.050 - .070	.812	.219	.062 - .075	.813	.728	.005 - .010	.820	.460	.030 - .040
.800	.398	.005 - .010	.802	.752	.005 - .008	.809	.601	.020 - .040	.812	.221	.080 - .100	.814	.412	.060 - .080	.820	.482	.070 - .090
.800	.411	.070 - .090	.803	.261	.050 - .075	.809	.625	.005 - .010	.812	.245	.020 - .036	.814	.522	.040 - .060	.820	.500	.005 - .010
.800	.426	.105 - .135	.803	.264	.010 - .020	.810	.057	.005 - .010	.812	.253	.080 - .104	.814	.532	.090 - .105	.820	.536	.050 - .070
.800	.437	.005 - .010	.803	.345	.080 - .105	.810	.095	.030 - .050	.812	.255	.005 - .010	.814	.570	.050 - .070	.820	.542	.005 - .010
.800	.439	.030 - .050	.803	.422	.015 - .030	.810	.116	.015 - .032	.812	.269	.050 - .070	.814	.598	.050 - .075	.820	.559	.050 - .075
.800	.440	.005 - .010	.803	.517	.105 - .125	.810	.142	.040 - .060	.812	.312	.040 - .060	.814	.628	.020 - .030	.820	.564	.100 - .125
.800	.441	.010 - .020	.803	.569	.005 - .010	.810	.150	.040 - .060	.812	.314	.025 - .042	.814	.637	.042 - .062	.820	.565	.100 - .125
.800	.443	.005 - .020	.803	.591	.005 - .010	.810	.166	.025 - .040	.812	.315	.015 - .030	.814	.641	.005 - .010	.820	.566	.005 - .010
.800	.464	.040 - .060	.803	.715	.010 - .025	.810	.185	.005 - .010	.812	.375	.150 - .180	.814	.751	.020 - .030	.820	.572	.105 - .125
.800	.490	.030 - .050	.804	.134	.050 - .072	.810	.192	.050 - .062	.812	.376	.156 - .190	.815	.129	.020 - .040	.820	.591	.010 - .020
.800	.502	.005 - .020	.804	.191	.060 - .080	.810	.198	.030 - .050	.812	.378	.050 - .083	.815	.221	.020 - .030	.820	.600	.005 - .010
.800	.504	.005 - .030	.804	.313	.005 - .010	.810	.210	.025 - .042	.812	.379	.025 - .032	.815	.255	.060 - .075	.820	.636	.030 - .050
.800	.505	.005 - .010	.804	.330	.050 - .072	.810	.218	.100 - .125	.812	.390	.031 - .060	.815	.260	.048 - .062	.820	.678	.010 - .020
.800	.508	.005 - .010	.804	.409	.100 - .125	.810	.250	.062 - .078	.812	.391	.080 - .100	.815	.281	.105 - .120	.820	.698	.005 - .030
.800	.510	.020 - .040	.804	.602	.005 - .010	.810	.255	.090 - .125	.812	.398	.015 - .135	.815	.309	.005 - .010	.820	.726	.015 - .025
.800	.528	.005 - .010	.805	.312	.005 - .010	.810	.315	.020 - .040	.812	.401	.040 - .060	.815	.439	.025 - .040	.821	.144	.032 - .048
.800	.530	.030 - .050	.805	.564	.090 - .110	.810	.355	.005 - .050	.812	.406	.075 - .090	.815	.444	.005 - .012	.821	.157	.030 - .040
.800	.544	.005 - .010	.805	.573	.060 - .080	.810	.379	.005 - .090	.812	.409	.050 - .090	.815	.468	.025 - .036	.821	.266	.010 - .020
.800	.550	.060 - .075	.805	.632	.005 - .010	.810	.385	.080 - .105	.812	.410	.060 - .070	.815	.500	.015 - .030	.821	.416	.100 - .125
.800	.551	.005 - .010	.805	.656	.005 - .010	.810	.386	.015 - .030	.812	.411	.105 - .125	.815	.527	.080 - .104	.821	.596	.005 - .030
.800	.557	.005 - .010	.805	.672	.005 - .010	.810	.395	.005 - .010	.812	.436	.100 - .125	.815	.555	.030 - .050	.821	.625	.005 - .010
.800	.558	.005 - .015	.805	.692	.010 - .020	.810	.405	.060 - .080	.812	.437	.015 - .030	.815	.556	.015 - .025	.821	.636	.060 - .080
.800	.560	.070 - .090	.806	.209	.005 - .010	.810	.413	.005 - .012	.812	.441	.032 - .048	.815	.578	.080 - .100	.821	.727	.030 - .048
.800	.574	.050 - .060	.806	.262	.040 - .060	.810	.419	.062 - .078	.812	.442	.062 - .075	.815	.669	.025 - .040	.822	.200	.020 - .030
.800	.575	.025 - .040	.806	.300	.005 - .010	.810	.443	.005 - .010	.812	.456	.104 - .125	.816	.419	.060 - .080	.822	.523	.060 - .080
.800	.582	.005 - .010	.806	.350	.005 - .010	.810	.455	.060 - .093	.812	.469	.030 - .050	.816	.439	.015 - .030	.822	.693	.050 - .070
.800	.594	.005 - .010	.806	.378	.060 - .083	.810	.475	.025 - .042	.812	.473	.015 - .020	.816	.456	.070 - .090	.823	.407	.005 - .010
.800	.618	.005 - .010	.806	.407	.030 - .050	.810	.480	.005 - .010	.812	.501	.005 - .020	.816	.510	.005 - .012	.823	.523	.070 - .090
.800	.619	.005 - .010	.806	.469	.030 - .050	.810	.501	.080 - .100	.812	.506	.060 - .080	.816	.520	.015 - .025	.823	.755	.005 - .020
.800	.623	.050 - .075	.806	.631	.020 - .040	.810	.507	.010 - .025	.812	.508	.015 - .025	.817	.195	.050 - .070	.823	.756	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.825	.511	.005 - .010	.830	.693	.020 - .035	.840	.556	.032 - .040	.847	.323	.005 - .010	.850	.735	.005 - .030	.856	.671	.010 - .020
.825	.518	.070 - .080	.830	.696	.005 - .010	.840	.558	.005 - .010	.847	.416	.005 - .010	.850	.740	.005 - .010	.856	.688	.005 - .010
.825	.525	.010 - .020	.830	.711	.015 - .030	.840	.569	.005 - .010	.847	.422	.005 - .010	.850	.750	.010 - .020	.856	.689	.030 - .050
.825	.527	.090 - .125	.831	.239	.005 - .010	.840	.575	.060 - .070	.847	.500	.005 - .010	.850	.756	.020 - .030	.856	.734	.010 - .020
.825	.543	.015 - .030	.831	.584	.015 - .025	.840	.631	.030 - .060	.847	.522	.005 - .010	.850	.809	.010 - .020	.857	.312	.005 - .010
.825	.577	.020 - .040	.831	.649	.005 - .010	.840	.633	.007 - .015	.847	.536	.005 - .010	.851	.093	.005 - .010	.857	.409	.005 - .010
.825	.624	.005 - .015	.832	.461	.010 - .025	.840	.634	.005 - .010	.848	.067	.010 - .020	.851	.164	.050 - .070	.857	.555	.015 - .025
.825	.632	.030 - .040	.832	.520	.050 - .070	.840	.643	.075 - .090	.848	.199	.025 - .040	.851	.173	.005 - .010	.857	.640	.025 - .040
.825	.669	.020 - .030	.832	.551	.005 - .010	.840	.650	.048 - .062	.848	.317	.005 - .010	.851	.184	.040 - .090	.857	.665	.010 - .020
.825	.709	.005 - .010	.832	.574	.030 - .050	.840	.674	.010 - .020	.848	.323	.005 - .020	.851	.185	.060 - .090	.857	.692	.030 - .050
.826	.250	.040 - .050	.832	.595	.005 - .010	.840	.675	.015 - .030	.848	.472	.015 - .030	.851	.300	.070 - .090	.858	.352	.100 - .125
.826	.314	.030 - .050	.832	.598	.005 - .010	.840	.676	.020 - .035	.848	.492	.050 - .070	.851	.384	.104 - .134	.858	.564	.030 - .060
.826	.319	.030 - .050	.832	.703	.010 - .020	.840	.680	.005 - .010	.848	.505	.005 - .010	.851	.385	.010 - .020	.858	.596	.030 - .050
.826	.359	.105 - .125	.832	.751	.030 - .040	.840	.682	.015 - .030	.848	.510	.010 - .020	.851	.401	.005 - .010	.858	.619	.050 - .070
.826	.401	.010 - .020	.833	.607	.005 - .010	.840	.711	.020 - .040	.848	.540	.005 - .010	.851	.421	.105 - .120	.858	.626	.005 - .010
.826	.414	.025 - .040	.833	.730	.030 - .042	.840	.731	.030 - .050	.848	.610	.010 - .020	.851	.450	.030 - .050	.858	.630	.005 - .010
.826	.434	.050 - .070	.833	.770	.010 - .020	.840	.748	.015 - .025	.848	.685	.032 - .062	.851	.503	.005 - .010	.858	.649	.030 - .050
.826	.536	.090 - .105	.834	.093	.050 - .070	.841	.440	.025 - .040	.848	.750	.010 - .020	.851	.513	.040 - .060	.858	.650	.008 - .020
.826	.620	.030 - .050	.834	.462	.020 - .040	.841	.631	.030 - .050	.849	.151	.030 - .060	.851	.564	.030 - .050	.858	.653	.025 - .040
.826	.660	.020 - .040	.834	.562	.005 - .010	.841	.651	.005 - .010	.849	.386	.050 - .075	.851	.571	.005 - .010	.858	.720	.030 - .050
.826	.711	.025 - .040	.834	.590	.030 - .050	.841	.663	.015 - .030	.849	.401	.040 - .060	.851	.633	.005 - .010	.858	.725	.040 - .060
.827	.187	.010 - .020	.834	.596	.030 - .050	.841	.752	.010 - .020	.849	.413	.005 - .010	.851	.640	.005 - .010	.858	.773	.010 - .020
.827	.215	.005 - .010	.834	.759	.010 - .020	.842	.378	.025 - .042	.849	.497	.005 - .010	.851	.655	.005 - .010	.859	.064	.030 - .050
.827	.236	.005 - .010	.835	.200	.020 - .035	.842	.470	.050 - .070	.849	.520	.005 - .010	.851	.671	.040 - .060	.859	.171	.010 - .020
.827	.238	.005 - .010	.835	.221	.005 - .010	.842	.593	.080 - .095	.849	.606	.005 - .010	.852	.187	.040 - .060	.859	.265	.075 - .090
.827	.317	.005 - .125	.835	.390	.040 - .060	.842	.631	.005 - .008	.849	.631	.010 - .020	.852	.257	.062 - .090	.859	.380	.005 - .015
.827	.318	.005 - .010	.835	.441	.070 - .090	.842	.632	.010 - .020	.850	.155	.005 - .010	.852	.409	.005 - .020	.859	.439	.020 - .030
.827	.328	.060 - .080	.835	.480	.010 - .020	.842	.690	.005 - .010	.850	.174	.025 - .040	.852	.503	.020 - .030	.859	.450	.005 - .020
.827	.331	.120 - .135	.835	.506	.080 - .100	.842	.729	.005 - .010	.850	.175	.050 - .070	.852	.528	.015 - .030	.859	.454	.015 - .030
.827	.332	.156 - .187	.835	.570	.005 - .050	.842	.764	.005 - .010	.850	.180	.120 - .135	.852	.534	.015 - .025	.859	.489	.020 - .030
.827	.376	.005 - .010	.835	.595	.010 - .020	.843	.142	.010 - .020	.850	.200	.020 - .080	.852	.543	.025 - .040	.859	.508	.025 - .050
.827	.393	.005 - .010	.835	.685	.030 - .060	.843	.210	.040 - .060	.850	.240	.048 - .072	.852	.628	.020 - .040	.859	.515	.032 - .042
.827	.407	.090 - .120	.835	.753	.020 - .040	.843	.260	.005 - .010	.850	.250	.015 - .030	.852	.685	.020 - .062	.859	.606	.060 - .080
.827	.412	.005 - .010	.835	.782	.020 - .030	.843	.288	.040 - .060	.850	.251	.120 - .140	.853	.266	.030 - .060	.859	.628	.020 - .030
.827	.415	.060 - .080	.836	.416	.010 - .020	.843	.358	.005 - .010	.850	.252	.005 - .010	.853	.357	.005 - .010	.859	.629	.005 - .010
.827	.473	.005 - .010	.836	.438	.005 - .010	.843	.390	.070 - .090	.850	.283	.005 - .010	.853	.401	.040 - .060	.859	.646	.020 - .040
.827	.509	.050 - .075	.836	.450	.040 - .060	.843	.453	.100 - .125	.850	.301	.015 - .030	.853	.408	.050 - .070	.859	.650	.030 - .070
.827	.632	.005 - .010	.836	.680	.005 - .060	.843	.500	.005 - .010	.850	.302	.105 - .125	.853	.438	.016 - .025	.859	.671	.040 - .060
.827	.749	.005 - .010	.836	.705	.032 - .060	.843	.530	.040 - .060	.850	.316	.090 - .105	.853	.467	.010 - .020	.859	.675	.030 - .050
.828	.108	.005 - .010	.837	.506	.115 - .130	.843	.559	.050 - .072	.850	.319	.060 - .080	.853	.628	.040 - .060	.859	.705	.005 - .010
.828	.317	.010 - .015	.837	.527	.040 - .060	.843	.630	.005 - .010	.850	.330	.020 - .040	.853	.632	.005 - .010	.859	.779	.005 - .010
.828	.407	.015 - .030	.837	.530	.048 - .075	.843	.656	.010 - .020	.850	.340	.005 - .010	.853	.726	.030 - .050	.860	.036	.032 - .042
.828	.447	.060 - .080	.837	.591	.005 - .010	.843	.689	.030 - .040	.850	.350	.080 - .104	.853	.750	.005 - .010	.860	.171	.015 - .030
.828	.499	.005 - .008	.837	.633	.025 - .040	.843	.782	.020 - .030	.850	.351	.030 - .050	.854	.077	.005 - .030	.860	.192	.090 - .125
.828	.502	.030 - .040	.837	.679	.025 - .040	.844	.099	.025 - .040	.850	.356	.010 - .020	.854	.329	.050 - .075	.860	.225	.030 - .040
.828	.504	.005 - .020	.837	.783	.010 - .020	.844	.397	.005 - .010	.850	.374	.005 - .010	.854	.352	.100 - .125	.860	.252	.015 - .030
.828	.530	.005 - .010	.838	.281	.032 - .060	.844	.555	.010 - .020	.850	.377	.005 - .020	.854	.578	.010 - .020	.860	.255	.005 - .010
.828	.590	.015 - .030	.838	.290	.050 - .075	.844	.578	.005 - .010	.850	.378	.005 - .010	.854	.583	.030 - .050	.860	.261	.010 - .030
.828	.655	.005 - .010	.838	.376	.015 - .030	.844	.610	.030 - .060	.850	.380	.030 - .040	.854	.605	.005 - .010	.860	.265	.075 - .090
.828	.727	.005 - .010	.838	.482	.031 - .048	.844	.666	.070 - .090	.850	.382	.005 - .125	.854	.650	.005 - .010	.860	.275	.030 - .050
.829	.137	.025 - .048	.838	.483	.050 - .075	.844	.703	.005 - .010	.850	.384	.100 - .125	.854	.655	.005 - .010	.860	.314	.075 - .090
.829	.250	.030 - .050	.838	.508	.005 - .010	.844	.711	.015 - .030	.850	.433	.005 - .010	.854	.808	.015 - .020	.860	.321	.062 - .090
.829	.283	.020 - .030	.838	.563	.040 - .060	.844	.750	.020 - .040	.850	.495	.015 - .025	.855	.078	.005 - .010	.860	.324	.060 - .080
.829	.414	.007 - .090	.838	.618	.040 - .060	.845	.163	.010 - .020	.850	.500	.015 - .025	.855	.130	.060 - .080	.860	.338	.005 - .010
.829	.430	.100 - .125	.838	.651	.010 - .020	.845	.313	.015 - .090	.850	.502	.005 - .010	.855	.229	.050 - .075	.860	.340	.020 - .030
.829	.468	.100 - .125	.838	.665	.005 - .010	.845	.466	.005 - .010	.850	.503	.005 - .010	.855	.242	.020 - .040	.860	.384	.005 - .015
.829	.475	.080 - .104	.838	.706	.015 - .020	.845	.482	.005 - .010	.850	.506	.020 - .040	.855	.327	.048 - .072	.860	.428	.100 - .125
.829	.480	.105 - .135	.838	.756	.005 - .010	.845	.495	.020 - .030	.850	.509	.005 - .135	.855	.331	.030 - .050	.860	.439	.020 - .035
.829	.500	.005 - .010	.839	.316	.015 - .030	.845	.497	.015 - .030	.850	.510	.005 - .012	.855	.375	.005 - .062	.860	.458	.010 - .020
.829	.503	.025 - .040	.839	.502	.005 - .010	.845	.513	.015 - .030	.850	.513	.005 - .060	.855	.376	.070 - .090	.860	.488	.010 - .020
.829	.648	.050 - .070	.839	.591	.010 - .015	.845	.651	.030 - .050	.850	.523	.040 - .060	.855	.503	.010 - .080	.860	.496	.005 - .010
.829	.653	.030 - .060	.839	.628	.050 - .070	.845	.660	.010 - .020	.850	.535	.050 - .075	.855	.509	.070 - .080	.860	.512	.005 - .010
.829	.761	.020 - .030	.839	.652	.005 - .010	.845	.758	.005 - .035	.850	.566	.005 - .010	.855	.512	.005 - .010	.860	.523	.005 - .010
.830	.160	.060 - .090	.840	.165	.005 - .010	.845	.782	.005 - .010	.850	.574	.060 - .080	.855	.531	.010 - .020	.860	.540	.040 - .060
.830	.187	.020 - .040	.840	.246	.104 - .125	.846	.242	.032 - .050	.850	.585	.010 - .020	.855	.562	.005 - .010	.860	.562	.015 - .030
.830	.379	.005 - .035	.840	.292	.020 - .040	.846	.273	.005 - .010	.850	.595	.090 - .105	.855	.598	.005 - .010	.860	.563	.005 - .015
.830	.405	.040 - .060	.840	.310	.060 - .080	.846	.320	.015 - .030	.850	.600	.010 - .020	.855	.599	.105 - .135	.860	.592	.005 - .010
.830	.461	.015 - .030	.840	.313	.105 - .125	.846	.327	.005 - .010	.850	.612	.005 - .010	.855	.651	.050 - .062	.860	.600	.00

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.860	.757	.005 - .010	.865	.635	.005 - .010	.867	.477	.015 - .030	.870	.459	.010 - .020	.872	.626	.005 - .010	.874	.645	.030 - .050
.860	.767	.005 - .010	.865	.650	.020 - .030	.867	.560	.040 - .060	.870	.461	.040 - .060	.872	.687	.005 - .010	.874	.658	.005 - .010
.860	.778	.005 - .010	.865	.656	.015 - .030	.867	.566	.005 - .010	.870	.472	.005 - .010	.872	.725	.040 - .060	.874	.660	.010 - .020
.860	.785	.010 - .020	.865	.672	.010 - .015	.867	.593	.015 - .030	.870	.478	.010 - .020	.872	.728	.005 - .010	.874	.688	.015 - .030
.861	.499	.030 - .050	.865	.698	.005 - .010	.867	.608	.080 - .120	.870	.502	.030 - .040	.872	.754	.005 - .010	.874	.721	.010 - .020
.861	.527	.040 - .060	.865	.714	.005 - .010	.867	.632	.025 - .040	.870	.505	.040 - .075	.872	.755	.005 - .025	.874	.751	.020 - .030
.861	.601	.030 - .050	.865	.715	.032 - .042	.867	.638	.012 - .020	.870	.506	.080 - .105	.872	.760	.005 - .010	.875	.070	.005 - .010
.861	.620	.060 - .080	.865	.740	.020 - .040	.867	.644	.080 - .100	.870	.508	.105 - .135	.872	.807	.010 - .015	.875	.086	.005 - .010
.861	.636	.005 - .010	.865	.755	.032 - .050	.867	.670	.015 - .030	.870	.512	.005 - .010	.873	.140	.048 - .062	.875	.087	.020 - .040
.861	.638	.050 - .070	.865	.756	.005 - .010	.867	.688	.005 - .008	.870	.520	.075 - .090	.873	.153	.050 - .075	.875	.111	.020 - .040
.861	.661	.005 - .010	.865	.794	.005 - .010	.867	.690	.010 - .020	.870	.540	.005 - .010	.873	.194	.070 - .090	.875	.129	.020 - .040
.861	.689	.030 - .050	.866	.157	.020 - .030	.867	.704	.025 - .040	.870	.541	.105 - .125	.873	.195	.005 - .010	.875	.133	.032 - .042
.861	.749	.015 - .020	.866	.197	.080 - .100	.867	.709	.005 - .010	.870	.551	.050 - .070	.873	.224	.020 - .040	.875	.140	.015 - .030
.861	.763	.005 - .010	.866	.236	.005 - .020	.867	.710	.010 - .030	.870	.557	.005 - .010	.873	.307	.007 - .016	.875	.150	.005 - .010
.862	.256	.050 - .072	.866	.239	.030 - .050	.867	.724	.040 - .060	.870	.562	.005 - .060	.873	.312	.030 - .050	.875	.153	.040 - .060
.862	.295	.040 - .070	.866	.242	.005 - .010	.867	.753	.005 - .010	.870	.567	.090 - .105	.873	.361	.105 - .125	.875	.158	.005 - .010
.862	.312	.025 - .042	.866	.276	.030 - .040	.867	.760	.015 - .030	.870	.578	.040 - .060	.873	.365	.005 - .010	.875	.161	.040 - .060
.862	.407	.015 - .025	.866	.299	.005 - .020	.867	.770	.030 - .050	.870	.580	.010 - .020	.873	.378	.040 - .060	.875	.168	.072 - .120
.862	.427	.020 - .030	.866	.302	.060 - .080	.867	.794	.005 - .010	.870	.581	.042 - .060	.873	.381	.005 - .010	.875	.172	.048 - .062
.862	.472	.050 - .060	.866	.315	.005 - .020	.868	.237	.005 - .010	.870	.608	.030 - .060	.873	.387	.015 - .025	.875	.175	.040 - .060
.862	.518	.090 - .125	.866	.316	.005 - .010	.868	.238	.005 - .010	.870	.610	.005 - .012	.873	.388	.005 - .010	.875	.180	.062 - .075
.862	.529	.050 - .075	.866	.317	.005 - .010	.868	.315	.015 - .060	.870	.625	.015 - .030	.873	.405	.015 - .030	.875	.184	.020 - .040
.862	.538	.015 - .030	.866	.318	.005 - .020	.868	.317	.005 - .010	.870	.628	.025 - .040	.873	.410	.105 - .135	.875	.187	.090 - .105
.862	.572	.060 - .075	.866	.322	.005 - .010	.868	.442	.005 - .010	.870	.629	.005 - .010	.873	.412	.005 - .010	.875	.190	.105 - .125
.862	.609	.005 - .010	.866	.325	.090 - .105	.868	.462	.030 - .050	.870	.632	.010 - .050	.873	.436	.050 - .075	.875	.192	.025 - .042
.862	.680	.020 - .032	.866	.336	.070 - .080	.868	.473	.005 - .010	.870	.639	.005 - .010	.873	.440	.105 - .135	.875	.196	.020 - .040
.862	.692	.020 - .030	.866	.350	.025 - .040	.868	.477	.005 - .010	.870	.640	.030 - .060	.873	.467	.015 - .030	.875	.196	.050 - .075
.862	.751	.030 - .050	.866	.355	.005 - .010	.868	.513	.015 - .025	.870	.647	.005 - .010	.873	.470	.030 - .050	.875	.199	.050 - .070
.862	.763	.005 - .010	.866	.394	.005 - .020	.868	.521	.100 - .134	.870	.649	.015 - .030	.873	.503	.015 - .070	.875	.203	.062 - .090
.863	.139	.030 - .050	.866	.395	.010 - .020	.868	.527	.010 - .020	.870	.650	.040 - .060	.873	.522	.020 - .040	.875	.204	.040 - .060
.863	.272	.062 - .078	.866	.396	.005 - .010	.868	.563	.080 - .100	.870	.682	.015 - .075	.873	.532	.170 - .190	.875	.226	.005 - .010
.863	.375	.025 - .040	.866	.397	.005 - .015	.868	.606	.015 - .030	.870	.687	.050 - .062	.873	.546	.050 - .070	.875	.236	.005 - .060
.863	.422	.090 - .120	.866	.401	.105 - .125	.868	.607	.015 - .030	.870	.691	.005 - .010	.873	.582	.100 - .125	.875	.246	.040 - .060
.863	.505	.005 - .010	.866	.416	.005 - .010	.868	.610	.090 - .125	.870	.695	.005 - .010	.873	.599	.075 - .090	.875	.250	.005 - .050
.863	.531	.005 - .050	.866	.439	.005 - .010	.868	.620	.005 - .010	.870	.711	.025 - .040	.873	.604	.025 - .040	.875	.252	.010 - .020
.863	.540	.015 - .030	.866	.444	.005 - .010	.868	.627	.080 - .105	.870	.728	.005 - .010	.873	.627	.030 - .060	.875	.253	.050 - .075
.863	.626	.090 - .120	.866	.453	.030 - .040	.868	.641	.040 - .060	.870	.738	.005 - .010	.873	.628	.105 - .125	.875	.257	.070 - .130
.863	.679	.040 - .062	.866	.473	.005 - .010	.868	.664	.060 - .080	.870	.744	.005 - .010	.873	.630	.005 - .050	.875	.260	.030 - .040
.863	.680	.005 - .008	.866	.474	.005 - .020	.868	.665	.010 - .030	.870	.754	.005 - .012	.873	.632	.005 - .015	.875	.267	.090 - .134
.863	.682	.010 - .020	.866	.475	.010 - .020	.868	.687	.005 - .010	.870	.755	.042 - .062	.873	.780	.025 - .040	.875	.268	.005 - .010
.863	.687	.015 - .020	.866	.484	.070 - .090	.868	.689	.005 - .010	.870	.761	.020 - .030	.874	.200	.042 - .080	.875	.281	.005 - .010
.863	.688	.005 - .010	.866	.496	.100 - .125	.868	.719	.070 - .090	.870	.810	.015 - .025	.874	.203	.040 - .060	.875	.282	.030 - .050
.863	.759	.015 - .050	.866	.500	.010 - .020	.868	.736	.010 - .020	.871	.211	.050 - .070	.874	.243	.030 - .050	.875	.307	.100 - .120
.864	.208	.005 - .010	.866	.531	.025 - .040	.868	.751	.010 - .020	.871	.381	.030 - .110	.874	.259	.005 - .010	.875	.315	.100 - .134
.864	.316	.005 - .010	.866	.543	.030 - .060	.868	.760	.025 - .040	.871	.383	.060 - .070	.874	.266	.025 - .040	.875	.318	.090 - .110
.864	.368	.005 - .010	.866	.545	.020 - .040	.869	.279	.105 - .135	.871	.410	.030 - .050	.874	.312	.005 - .010	.875	.320	.010 - .020
.864	.420	.080 - .100	.866	.562	.015 - .030	.869	.393	.020 - .035	.871	.455	.005 - .010	.874	.316	.005 - .010	.875	.320	.070 - .090
.864	.430	.040 - .060	.866	.568	.040 - .060	.869	.430	.125 - .187	.871	.477	.060 - .090	.874	.329	.060 - .083	.875	.324	.030 - .040
.864	.505	.015 - .025	.866	.591	.030 - .050	.869	.508	.050 - .070	.871	.579	.010 - .020	.874	.330	.025 - .040	.875	.325	.050 - .072
.864	.536	.080 - .104	.866	.592	.005 - .010	.869	.539	.010 - .020	.871	.581	.070 - .090	.874	.375	.060 - .187	.875	.327	.090 - .125
.864	.551	.005 - .010	.866	.626	.040 - .060	.869	.575	.005 - .010	.871	.582	.005 - .010	.874	.376	.020 - .040	.875	.328	.005 - .010
.864	.569	.010 - .020	.866	.627	.025 - .040	.869	.628	.020 - .080	.871	.590	.005 - .010	.874	.377	.015 - .080	.875	.330	.080 - .104
.864	.595	.005 - .008	.866	.631	.010 - .020	.869	.667	.020 - .030	.871	.673	.010 - .020	.874	.381	.005 - .010	.875	.337	.050 - .072
.864	.620	.010 - .020	.866	.637	.015 - .030	.870	.125	.005 - .015	.871	.675	.015 - .030	.874	.384	.008 - .016	.875	.340	.005 - .010
.864	.628	.050 - .070	.866	.638	.060 - .070	.870	.170	.025 - .040	.871	.752	.005 - .010	.874	.392	.015 - .030	.875	.343	.016 - .025
.864	.633	.005 - .010	.866	.642	.005 - .010	.870	.184	.040 - .062	.871	.757	.010 - .020	.874	.398	.125 - .156	.875	.345	.110 - .130
.864	.639	.042 - .062	.866	.643	.005 - .010	.870	.186	.005 - .010	.871	.771	.025 - .040	.874	.410	.080 - .100	.875	.347	.042 - .062
.864	.781	.010 - .020	.866	.647	.015 - .030	.870	.196	.005 - .015	.872	.153	.040 - .060	.874	.420	.005 - .010	.875	.354	.005 - .010
.865	.205	.005 - .010	.866	.670	.005 - .010	.870	.202	.005 - .010	.872	.189	.005 - .015	.874	.439	.105 - .125	.875	.362	.012 - .020
.865	.260	.020 - .040	.866	.697	.015 - .025	.870	.239	.005 - .010	.872	.219	.060 - .083	.874	.446	.105 - .125	.875	.367	.005 - .010
.865	.351	.020 - .030	.866	.709	.040 - .060	.870	.248	.040 - .060	.872	.221	.080 - .100	.874	.501	.105 - .125	.875	.375	.100 - .125
.865	.355	.015 - .030	.866	.719	.015 - .030	.870	.264	.100 - .125	.872	.254	.010 - .020	.874	.502	.105 - .125	.875	.376	.005 - .010
.865	.398	.020 - .040	.866	.750	.015 - .030	.870	.280	.120 - .150	.872	.261	.005 - .010	.874	.505	.050 - .070	.875	.377	.010 - .020
.865	.412	.060 - .080	.866	.756	.005 - .010	.870	.307	.010 - .030	.872	.267	.030 - .050	.874	.508	.040 - .060	.875	.378	.020 - .030
.865	.421	.040 - .060	.866	.758	.010 - .030	.870	.312	.013 - .028	.872	.269	.032 - .042	.874	.509	.010 - .020	.875	.380	.105 - .134
.865	.434	.005 - .010	.866	.806	.005 - .010	.870	.313	.015 - .025	.872	.306	.020 - .030	.874	.510	.075 - .090	.875	.382	.015 - .030
.865	.471	.005 - .010	.866	.814	.005 - .010	.870	.316	.012 - .020	.872	.320	.042 - .062	.874	.512	.060 - .080	.875	.383	.150 - .180
.865	.476	.020 - .040	.867	.129	.020 - .040	.870	.318	.080 - .100	.872	.334	.010 - .050	.874	.513	.015 - .030	.875	.384	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.875	.415	.060 - .083	.876	.284	.040 - .060	.878	.446	.050 - .075	.882	.500	.150 - .180	.892	.726	.005 - .010	.900	.563	.040 - .060
.875	.430	.005 - .030	.876	.287	.100 - .125	.878	.473	.135 - .156	.882	.518	.110 - .130	.893	.621	.040 - .075	.900	.564	.010 - .100
.875	.436	.060 - .080	.876	.288	.005 - .010	.878	.478	.010 - .020	.882	.522	.020 - .040	.893	.701	.005 - .010	.900	.570	.005 - .070
.875	.437	.050 - .080	.876	.317	.030 - .050	.878	.501	.020 - .040	.882	.540	.090 - .110	.893	.770	.005 - .010	.900	.577	.015 - .025
.875	.438	.010 - .020	.876	.320	.005 - .010	.878	.516	.100 - .125	.882	.642	.040 - .060	.894	.195	.020 - .040	.900	.578	.070 - .090
.875	.439	.005 - .010	.876	.328	.005 - .187	.878	.518	.100 - .125	.882	.664	.005 - .010	.894	.251	.010 - .020	.900	.590	.010 - .040
.875	.440	.015 - .125	.876	.340	.160 - .190	.878	.523	.100 - .125	.882	.788	.015 - .030	.894	.501	.060 - .080	.900	.592	.110 - .130
.875	.448	.030 - .050	.876	.343	.025 - .040	.878	.531	.020 - .040	.883	.315	.010 - .020	.894	.624	.005 - .010	.900	.595	.070 - .090
.875	.451	.005 - .010	.876	.350	.015 - .025	.878	.562	.025 - .040	.883	.500	.050 - .075	.894	.762	.005 - .010	.900	.610	.020 - .040
.875	.452	.005 - .010	.876	.377	.005 - .010	.878	.570	.005 - .012	.883	.509	.030 - .050	.895	.375	.070 - .090	.900	.625	.025 - .040
.875	.453	.025 - .080	.876	.378	.090 - .105	.878	.585	.005 - .010	.883	.560	.050 - .070	.895	.390	.032 - .062	.900	.626	.050 - .070
.875	.456	.090 - .125	.876	.397	.030 - .050	.878	.593	.025 - .050	.883	.622	.050 - .075	.895	.462	.005 - .010	.900	.628	.005 - .010
.875	.465	.080 - .100	.876	.461	.005 - .010	.878	.627	.020 - .030	.883	.777	.010 - .020	.895	.574	.032 - .042	.900	.629	.010 - .020
.875	.473	.100 - .125	.876	.471	.040 - .062	.878	.628	.005 - .010	.883	.788	.005 - .010	.895	.631	.005 - .010	.900	.630	.120 - .135
.875	.475	.025 - .040	.876	.500	.005 - .010	.878	.632	.040 - .060	.884	.411	.005 - .010	.895	.661	.010 - .020	.900	.634	.040 - .060
.875	.481	.120 - .135	.876	.503	.005 - .010	.878	.648	.005 - .010	.884	.510	.015 - .030	.895	.708	.005 - .010	.900	.651	.005 - .010
.875	.486	.020 - .040	.876	.506	.090 - .120	.878	.660	.015 - .030	.885	.150	.020 - .040	.895	.733	.050 - .070	.900	.654	.060 - .070
.875	.500	.040 - .090	.876	.514	.030 - .050	.878	.689	.020 - .040	.885	.212	.010 - .020	.895	.795	.010 - .020	.900	.661	.070 - .090
.875	.501	.005 - .030	.876	.515	.080 - .104	.878	.742	.005 - .010	.885	.325	.005 - .010	.895	.801	.020 - .030	.900	.670	.025 - .048
.875	.502	.015 - .030	.876	.516	.125 - .156	.878	.826	.005 - .010	.885	.396	.005 - .010	.896	.215	.060 - .080	.900	.690	.010 - .050
.875	.504	.030 - .125	.876	.519	.060 - .083	.879	.125	.050 - .060	.885	.443	.005 - .008	.896	.340	.050 - .070	.900	.711	.025 - .040
.875	.505	.005 - .042	.876	.520	.050 - .070	.879	.172	.090 - .120	.885	.456	.005 - .020	.896	.772	.020 - .042	.900	.725	.020 - .040
.875	.506	.090 - .125	.876	.522	.100 - .125	.879	.250	.025 - .040	.885	.462	.005 - .010	.897	.292	.005 - .010	.900	.730	.060 - .080
.875	.507	.030 - .125	.876	.533	.110 - .130	.879	.327	.048 - .062	.885	.521	.005 - .010	.897	.407	.005 - .010	.900	.737	.030 - .050
.875	.513	.032 - .135	.876	.551	.100 - .120	.879	.376	.010 - .020	.885	.565	.015 - .032	.897	.408	.010 - .020	.900	.755	.010 - .020
.875	.516	.060 - .080	.876	.563	.005 - .010	.879	.399	.050 - .070	.885	.626	.020 - .040	.897	.409	.025 - .080	.900	.800	.005 - .010
.875	.517	.005 - .010	.876	.565	.020 - .040	.879	.431	.050 - .070	.885	.695	.005 - .010	.897	.704	.025 - .040	.900	.805	.005 - .010
.875	.518	.090 - .110	.876	.591	.050 - .070	.879	.515	.025 - .040	.885	.705	.005 - .010	.897	.748	.005 - .015	.900	.810	.010 - .020
.875	.527	.032 - .048	.876	.600	.060 - .075	.879	.516	.040 - .060	.885	.765	.005 - .010	.897	.810	.010 - .020	.900	.825	.005 - .010
.875	.530	.015 - .030	.876	.616	.048 - .062	.879	.593	.050 - .070	.886	.118	.030 - .050	.898	.250	.040 - .060	.900	.830	.015 - .025
.875	.531	.105 - .125	.876	.622	.040 - .060	.879	.635	.050 - .075	.886	.291	.030 - .050	.898	.318	.050 - .075	.900	.840	.005 - .010
.875	.537	.005 - .010	.876	.625	.005 - .010	.879	.636	.015 - .030	.886	.443	.005 - .040	.898	.343	.005 - .010	.901	.202	.030 - .050
.875	.562	.050 - .072	.876	.626	.050 - .075	.880	.165	.050 - .075	.886	.531	.050 - .070	.898	.453	.080 - .100	.901	.256	.010 - .016
.875	.563	.005 - .015	.876	.632	.030 - .050	.880	.170	.110 - .130	.886	.548	.060 - .080	.898	.510	.075 - .104	.901	.292	.040 - .060
.875	.567	.005 - .090	.876	.633	.062 - .080	.880	.192	.015 - .030	.886	.650	.070 - .090	.898	.665	.025 - .040	.901	.361	.010 - .020
.875	.568	.020 - .048	.876	.672	.090 - .105	.880	.219	.032 - .050	.887	.265	.062 - .090	.898	.726	.005 - .010	.901	.506	.005 - .020
.875	.579	.050 - .060	.876	.675	.030 - .040	.880	.260	.005 - .187	.887	.325	.035 - .050	.898	.748	.005 - .010	.901	.595	.005 - .010
.875	.580	.015 - .030	.876	.681	.060 - .080	.880	.265	.005 - .010	.887	.572	.050 - .070	.898	.812	.005 - .010	.901	.626	.005 - .020
.875	.600	.090 - .105	.876	.692	.020 - .030	.880	.302	.005 - .015	.887	.714	.020 - .040	.898	.829	.015 - .030	.901	.694	.075 - .093
.875	.610	.025 - .040	.876	.694	.020 - .040	.880	.324	.050 - .070	.887	.755	.005 - .010	.899	.121	.040 - .060	.901	.710	.005 - .020
.875	.611	.050 - .070	.876	.702	.010 - .020	.880	.333	.042 - .060	.887	.795	.005 - .010	.899	.197	.030 - .050	.901	.715	.010 - .020
.875	.621	.060 - .080	.876	.714	.030 - .050	.880	.340	.160 - .190	.888	.382	.075 - .090	.899	.444	.010 - .020	.902	.316	.010 - .030
.875	.626	.050 - .070	.876	.745	.025 - .040	.880	.357	.005 - .010	.888	.530	.005 - .010	.899	.479	.020 - .040	.902	.318	.005 - .010
.875	.628	.005 - .060	.876	.750	.030 - .040	.880	.375	.060 - .080	.888	.535	.015 - .030	.899	.535	.005 - .010	.902	.329	.005 - .010
.875	.630	.050 - .070	.876	.751	.015 - .030	.880	.376	.025 - .062	.888	.622	.005 - .010	.899	.562	.025 - .040	.902	.377	.005 - .010
.875	.631	.015 - .030	.877	.128	.060 - .080	.880	.380	.005 - .080	.888	.656	.005 - .010	.899	.563	.005 - .010	.902	.504	.006 - .012
.875	.632	.100 - .125	.877	.170	.035 - .060	.880	.381	.005 - .015	.888	.760	.010 - .020	.899	.568	.070 - .090	.902	.505	.005 - .020
.875	.635	.005 - .010	.877	.173	.100 - .125	.880	.386	.070 - .090	.888	.771	.005 - .020	.899	.789	.030 - .040	.902	.535	.005 - .010
.875	.637	.010 - .104	.877	.250	.030 - .050	.880	.406	.005 - .010	.889	.392	.080 - .100	.899	.791	.010 - .020	.902	.564	.005 - .010
.875	.650	.100 - .125	.877	.254	.100 - .125	.880	.407	.080 - .105	.889	.395	.105 - .120	.899	.810	.020 - .030	.902	.642	.005 - .010
.875	.652	.031 - .048	.877	.281	.010 - .015	.880	.426	.005 - .015	.889	.557	.005 - .010	.899	.814	.005 - .010	.902	.658	.005 - .010
.875	.654	.075 - .100	.877	.313	.025 - .040	.880	.430	.005 - .010	.889	.569	.005 - .010	.899	.841	.010 - .020	.902	.679	.030 - .050
.875	.660	.062 - .078	.877	.329	.020 - .030	.880	.455	.005 - .012	.889	.758	.025 - .040	.900	.063	.010 - .020	.902	.790	.030 - .050
.875	.666	.040 - .060	.877	.377	.012 - .020	.880	.475	.060 - .080	.889	.786	.005 - .010	.900	.079	.030 - .050	.902	.792	.005 - .010
.875	.670	.005 - .010	.877	.389	.134 - .187	.880	.485	.050 - .060	.890	.192	.050 - .072	.900	.100	.015 - .030	.903	.252	.080 - .100
.875	.674	.010 - .020	.877	.407	.170 - .190	.880	.495	.005 - .010	.890	.273	.070 - .105	.900	.154	.005 - .010	.903	.258	.060 - .080
.875	.687	.050 - .080	.877	.442	.070 - .080	.880	.505	.015 - .025	.890	.385	.090 - .105	.900	.217	.025 - .040	.903	.315	.030 - .048
.875	.690	.075 - .090	.877	.446	.005 - .010	.880	.518	.040 - .060	.890	.405	.100 - .125	.900	.252	.005 - .010	.903	.330	.015 - .030
.875	.691	.040 - .060	.877	.494	.072 - .083	.880	.523	.005 - .010	.890	.438	.030 - .040	.900	.254	.040 - .060	.903	.401	.005 - .010
.875	.693	.030 - .050	.877	.498	.050 - .075	.880	.530	.030 - .040	.890	.504	.015 - .030	.900	.321	.005 - .010	.903	.416	.100 - .125
.875	.698	.005 - .010	.877	.507	.060 - .080	.880	.541	.025 - .035	.890	.530	.010 - .030	.900	.376	.005 - .030	.903	.500	.025 - .036
.875	.719	.005 - .080	.877	.593	.080 - .100	.880	.557	.005 - .010	.890	.537	.105 - .125	.900	.377	.005 - .010	.903	.531	.160 - .180
.875	.724	.010 - .020	.877	.643	.025 - .042	.880	.604	.005 - .010	.890	.547	.110 - .130	.900	.378	.015 - .040	.903	.664	.025 - .040
.875	.735	.050 - .070	.877	.693	.030 - .050	.880	.621	.020 - .060	.890	.580	.005 - .008	.900	.379	.005 - .078	.903	.710	.010 - .020
.875	.746	.010 - .020	.877	.694	.070 - .090	.880	.626	.062 - .078	.890	.582	.005 - .010	.900	.380	.010 - .020	.903	.735	.005 - .015
.875	.750	.030 - .050	.877	.755	.042 - .062	.880	.659	.070 - .080	.890	.587	.005 - .010	.900	.383	.090 - .110	.903	.760	.015 - .030
.875	.751	.005 - .015	.877	.836	.005 - .010	.880	.681	.005 - .012	.890	.667	.005 - .010	.900	.390	.030 - .060	.903	.766	.040 - .060
.875	.754	.015 - .030	.878	.125	.020 - .040	.880	.688	.030 - .050	.890	.711	.025 - .040	.900	.400	.005 - .010	.903	.771	.00

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.904	.805	.005 - .040	.907	.728	.005 - .015	.915	.744	.005 - .010	.921	.788	.020 - .040	.929	.260	.020 - .040	.935	.455	.100 - .125
.905	.127	.090 - .110	.907	.740	.010 - .050	.915	.775	.005 - .010	.921	.790	.005 - .010	.929	.470	.072 - .105	.935	.481	.030 - .050
.905	.196	.040 - .060	.907	.757	.010 - .020	.916	.150	.020 - .032	.922	.316	.105 - .125	.929	.570	.005 - .010	.935	.489	.090 - .120
.905	.201	.005 - .010	.908	.332	.135 - .156	.916	.317	.100 - .120	.922	.450	.080 - .100	.929	.575	.005 - .010	.935	.501	.080 - .104
.905	.238	.005 - .010	.908	.342	.050 - .075	.916	.507	.020 - .040	.922	.608	.050 - .075	.929	.600	.050 - .075	.935	.523	.080 - .105
.905	.259	.005 - .010	.908	.379	.025 - .040	.916	.532	.040 - .060	.922	.630	.010 - .020	.929	.689	.005 - .104	.935	.535	.090 - .105
.905	.330	.015 - .030	.908	.502	.030 - .050	.916	.540	.020 - .040	.922	.640	.030 - .050	.929	.697	.012 - .020	.935	.565	.012 - .020
.905	.344	.020 - .030	.908	.555	.080 - .105	.916	.570	.050 - .090	.922	.670	.010 - .020	.930	.088	.015 - .030	.935	.569	.030 - .050
.905	.392	.010 - .040	.908	.564	.015 - .030	.916	.571	.090 - .110	.922	.687	.020 - .030	.930	.098	.020 - .040	.935	.570	.030 - .060
.905	.396	.005 - .010	.908	.616	.020 - .032	.916	.734	.020 - .040	.922	.755	.020 - .040	.930	.199	.005 - .083	.935	.581	.100 - .125
.905	.398	.120 - .135	.908	.688	.010 - .025	.916	.735	.020 - .040	.922	.758	.050 - .070	.930	.270	.005 - .010	.935	.624	.100 - .125
.905	.403	.020 - .040	.908	.705	.030 - .048	.916	.795	.010 - .020	.923	.265	.090 - .105	.930	.286	.070 - .090	.935	.681	.030 - .050
.905	.414	.180 - .190	.908	.751	.060 - .080	.916	.804	.016 - .032	.923	.397	.015 - .025	.930	.301	.015 - .030	.935	.682	.005 - .010
.905	.451	.070 - .090	.908	.753	.005 - .010	.916	.834	.005 - .010	.923	.502	.015 - .030	.930	.377	.005 - .020	.935	.683	.030 - .060
.905	.460	.005 - .010	.908	.764	.020 - .030	.917	.501	.050 - .090	.923	.506	.050 - .070	.930	.381	.040 - .125	.935	.685	.072 - .120
.905	.473	.010 - .030	.908	.765	.020 - .040	.917	.506	.010 - .020	.923	.661	.005 - .010	.930	.420	.040 - .060	.935	.687	.020 - .040
.905	.475	.105 - .125	.909	.250	.030 - .040	.917	.531	.062 - .078	.923	.668	.030 - .050	.930	.440	.020 - .040	.935	.715	.016 - .032
.905	.481	.040 - .060	.909	.342	.050 - .075	.917	.579	.050 - .060	.923	.678	.020 - .030	.930	.475	.040 - .060	.935	.719	.010 - .030
.905	.493	.070 - .090	.909	.364	.005 - .010	.917	.596	.005 - .015	.923	.754	.020 - .040	.930	.501	.025 - .062	.935	.720	.050 - .070
.905	.513	.060 - .080	.909	.379	.005 - .010	.917	.623	.040 - .060	.923	.755	.015 - .050	.930	.520	.020 - .040	.935	.724	.010 - .030
.905	.520	.020 - .040	.909	.634	.010 - .020	.918	.257	.070 - .090	.923	.796	.030 - .050	.930	.609	.042 - .072	.935	.724	.040 - .060
.905	.531	.050 - .060	.909	.676	.007 - .015	.918	.497	.010 - .020	.923	.820	.005 - .010	.930	.630	.010 - .025	.935	.733	.025 - .040
.905	.558	.005 - .010	.909	.749	.040 - .060	.918	.508	.030 - .050	.924	.201	.100 - .125	.930	.635	.080 - .104	.935	.735	.005 - .010
.905	.564	.040 - .060	.909	.796	.005 - .010	.918	.596	.005 - .010	.924	.253	.005 - .010	.930	.645	.005 - .010	.935	.783	.005 - .010
.905	.585	.050 - .075	.910	.250	.080 - .104	.918	.614	.005 - .010	.924	.382	.030 - .040	.930	.673	.010 - .020	.935	.794	.060 - .075
.905	.634	.032 - .060	.910	.330	.030 - .040	.918	.762	.025 - .035	.924	.538	.010 - .015	.930	.679	.005 - .010	.935	.796	.020 - .040
.905	.637	.015 - .030	.910	.381	.050 - .070	.919	.257	.070 - .090	.924	.727	.040 - .060	.930	.700	.005 - .010	.935	.807	.040 - .060
.905	.639	.040 - .060	.910	.400	.015 - .030	.919	.366	.005 - .010	.924	.746	.020 - .040	.930	.701	.015 - .030	.935	.839	.020 - .030
.905	.643	.010 - .020	.910	.417	.010 - .020	.919	.396	.005 - .010	.925	.091	.005 - .010	.930	.710	.005 - .010	.935	.860	.015 - .030
.905	.657	.070 - .080	.910	.425	.005 - .010	.919	.493	.100 - .125	.925	.158	.100 - .125	.930	.750	.025 - .040	.935	.871	.005 - .010
.905	.667	.040 - .060	.910	.440	.005 - .010	.919	.565	.005 - .020	.925	.289	.100 - .120	.930	.760	.005 - .030	.936	.266	.060 - .080
.905	.672	.070 - .090	.910	.468	.075 - .090	.919	.671	.005 - .010	.925	.314	.010 - .015	.930	.812	.010 - .020	.936	.310	.050 - .080
.905	.673	.090 - .125	.910	.490	.130 - .156	.919	.697	.010 - .020	.925	.322	.070 - .090	.931	.454	.020 - .030	.936	.313	.020 - .035
.905	.674	.075 - .100	.910	.500	.025 - .040	.919	.765	.005 - .010	.925	.346	.015 - .025	.931	.478	.020 - .030	.936	.343	.105 - .125
.905	.677	.105 - .125	.910	.515	.100 - .125	.919	.812	.020 - .030	.925	.397	.048 - .072	.931	.598	.035 - .060	.936	.375	.040 - .050
.905	.682	.010 - .020	.910	.540	.060 - .080	.920	.048	.005 - .010	.925	.438	.015 - .050	.931	.600	.010 - .020	.936	.390	.060 - .090
.905	.709	.015 - .030	.910	.560	.110 - .130	.920	.090	.040 - .060	.925	.445	.060 - .083	.931	.632	.105 - .125	.936	.406	.050 - .070
.905	.728	.050 - .070	.910	.590	.005 - .010	.920	.157	.005 - .010	.925	.450	.025 - .040	.931	.660	.020 - .030	.936	.480	.010 - .030
.905	.785	.005 - .010	.910	.638	.010 - .020	.920	.163	.032 - .060	.925	.474	.050 - .070	.931	.691	.040 - .060	.936	.481	.005 - .060
.906	.316	.005 - .010	.910	.650	.005 - .015	.920	.200	.005 - .010	.925	.516	.025 - .040	.931	.729	.050 - .070	.936	.502	.005 - .010
.906	.317	.005 - .020	.910	.667	.030 - .050	.920	.230	.025 - .040	.925	.526	.015 - .030	.931	.762	.020 - .030	.936	.517	.090 - .110
.906	.325	.005 - .010	.910	.703	.030 - .040	.920	.253	.005 - .075	.925	.575	.070 - .090	.931	.811	.040 - .060	.936	.537	.005 - .010
.906	.332	.090 - .110	.910	.750	.010 - .020	.920	.265	.040 - .060	.925	.576	.050 - .075	.932	.243	.050 - .070	.936	.552	.005 - .010
.906	.394	.010 - .020	.910	.811	.020 - .040	.920	.269	.135 - .187	.925	.577	.050 - .075	.932	.330	.025 - .040	.936	.627	.040 - .060
.906	.395	.090 - .100	.910	.820	.005 - .010	.920	.316	.080 - .100	.925	.593	.040 - .060	.932	.335	.050 - .070	.936	.641	.100 - .125
.906	.396	.010 - .020	.911	.256	.080 - .100	.920	.318	.005 - .010	.925	.611	.010 - .020	.932	.465	.090 - .110	.936	.645	.105 - .135
.906	.405	.010 - .020	.911	.416	.062 - .090	.920	.378	.005 - .010	.925	.661	.025 - .040	.932	.469	.040 - .062	.936	.650	.050 - .070
.906	.470	.060 - .080	.911	.471	.030 - .050	.920	.456	.010 - .030	.925	.672	.040 - .060	.932	.563	.005 - .012	.936	.660	.005 - .008
.906	.474	.005 - .010	.911	.564	.030 - .050	.920	.470	.105 - .125	.925	.690	.010 - .020	.932	.676	.015 - .030	.936	.687	.052 - .084
.906	.511	.020 - .040	.911	.568	.005 - .010	.920	.499	.050 - .070	.925	.719	.005 - .010	.932	.749	.050 - .070	.936	.718	.020 - .040
.906	.512	.006 - .012	.911	.615	.005 - .010	.920	.504	.005 - .010	.925	.725	.010 - .020	.932	.775	.005 - .010	.937	.080	.020 - .035
.906	.519	.010 - .020	.911	.710	.030 - .048	.920	.505	.090 - .110	.925	.756	.010 - .020	.932	.869	.005 - .020	.937	.092	.050 - .070
.906	.565	.080 - .100	.911	.780	.005 - .010	.920	.525	.005 - .010	.925	.800	.012 - .025	.932	.870	.010 - .020	.937	.110	.050 - .070
.906	.585	.020 - .040	.911	.815	.005 - .010	.920	.550	.005 - .010	.925	.817	.010 - .020	.933	.197	.010 - .020	.937	.174	.062 - .080
.906	.592	.025 - .040	.912	.176	.005 - .010	.920	.564	.015 - .030	.925	.834	.020 - .030	.933	.415	.010 - .020	.937	.257	.032 - .048
.906	.603	.010 - .020	.912	.549	.070 - .105	.920	.584	.005 - .010	.926	.162	.050 - .070	.933	.508	.032 - .060	.937	.275	.030 - .050
.906	.609	.005 - .010	.912	.563	.010 - .020	.920	.590	.005 - .010	.926	.327	.015 - .030	.933	.624	.025 - .040	.937	.292	.025 - .040
.906	.638	.093 - .125	.912	.596	.005 - .010	.920	.608	.005 - .010	.926	.399	.080 - .105	.933	.688	.005 - .010	.937	.315	.080 - .100
.906	.657	.025 - .035	.912	.636	.060 - .070	.920	.618	.005 - .010	.926	.438	.045 - .060	.933	.726	.005 - .010	.937	.319	.025 - .040
.906	.669	.015 - .030	.912	.656	.105 - .120	.920	.628	.030 - .050	.926	.670	.010 - .020	.933	.775	.010 - .020	.937	.324	.030 - .060
.906	.728	.030 - .050	.912	.683	.015 - .030	.920	.629	.010 - .020	.926	.689	.015 - .030	.933	.836	.005 - .010	.937	.330	.156 - .187
.906	.730	.030 - .050	.912	.776	.015 - .030	.920	.630	.015 - .060	.926	.724	.015 - .030	.934	.094	.005 - .010	.937	.341	.050 - .075
.906	.750	.010 - .020	.912	.805	.005 - .010	.920	.687	.020 - .040	.927	.171	.100 - .125	.934	.190	.010 - .020	.937	.350	.020 - .030
.906	.759	.010 - .020	.913	.493	.015 - .030	.920	.690	.090 - .105	.927	.264	.005 - .010	.934	.414	.025 - .040	.937	.375	.010 - .020
.906	.769	.010 - .020	.913	.507	.020 - .030	.920	.705	.005 - .010	.927	.397	.005 - .010	.934	.508	.020 - .040	.937	.381	.025 - .040
.907	.200	.060 - .080	.913	.510	.020 - .040	.920	.720	.040 - .060	.927	.476	.090 - .110	.934	.513	.005 - .010	.937	.390	.005 - .010
.907	.228	.040 - .060	.913	.665	.080 - .100	.920	.778	.030 - .050	.927	.512	.008 - .016	.934	.563	.048 - .078	.937	.399	.156 - .187
.907	.293	.070 - .090	.913	.847	.005 - .010	.920	.819	.020 - .030	.927	.564	.015 - .030	.934	.743	.020 - .040	.937	.410	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.937	.520	.020 - .125	.939	.563	.005 - .010	.942	.455	.030 - .120	.945	.627	.032 - .042	.950	.454	.050 - .070	.960	.537	.005 - .010
.937	.531	.015 - .030	.939	.610	.040 - .060	.942	.475	.030 - .050	.945	.669	.050 - .125	.950	.500	.005 - .030	.960	.550	.032 - .050
.937	.570	.005 - .010	.939	.628	.015 - .030	.942	.484	.010 - .020	.945	.671	.005 - .010	.950	.502	.005 - .020	.960	.572	.005 - .010
.937	.578	.080 - .104	.939	.630	.020 - .040	.942	.504	.030 - .050	.945	.673	.015 - .030	.950	.503	.010 - .040	.960	.575	.005 - .010
.937	.580	.030 - .050	.939	.633	.015 - .030	.942	.508	.090 - .120	.945	.686	.060 - .105	.950	.505	.010 - .020	.960	.640	.005 - .010
.937	.594	.050 - .060	.939	.640	.015 - .025	.942	.515	.015 - .035	.945	.708	.060 - .080	.950	.512	.100 - .125	.960	.650	.032 - .050
.937	.623	.020 - .040	.939	.656	.030 - .040	.942	.530	.005 - .010	.945	.710	.030 - .050	.950	.531	.060 - .080	.960	.705	.030 - .060
.937	.624	.020 - .090	.939	.660	.050 - .070	.942	.628	.060 - .080	.945	.714	.060 - .080	.950	.567	.030 - .050	.960	.728	.040 - .060
.937	.625	.005 - .010	.939	.678	.040 - .060	.942	.693	.005 - .010	.945	.719	.070 - .090	.950	.640	.030 - .125	.960	.740	.090 - .105
.937	.629	.030 - .050	.939	.700	.005 - .010	.942	.724	.100 - .125	.945	.737	.005 - .010	.950	.645	.090 - .105	.960	.750	.030 - .060
.937	.637	.025 - .042	.939	.739	.050 - .070	.942	.744	.005 - .010	.945	.831	.015 - .030	.950	.680	.110 - .130	.960	.751	.050 - .075
.937	.640	.032 - .060	.939	.783	.040 - .060	.942	.794	.005 - .010	.945	.845	.005 - .015	.950	.696	.030 - .040	.960	.758	.005 - .010
.937	.650	.005 - .010	.939	.799	.030 - .050	.942	.798	.020 - .030	.946	.354	.005 - .010	.950	.747	.005 - .010	.960	.774	.005 - .010
.937	.656	.032 - .060	.939	.869	.015 - .025	.943	.406	.005 - .010	.946	.386	.040 - .060	.950	.760	.030 - .050	.960	.783	.020 - .030
.937	.672	.005 - .010	.940	.186	.031 - .048	.943	.418	.120 - .140	.946	.398	.010 - .020	.950	.775	.020 - .035	.960	.820	.005 - .010
.937	.675	.060 - .075	.940	.194	.010 - .020	.943	.426	.020 - .040	.946	.473	.005 - .010	.950	.807	.010 - .020	.961	.438	.050 - .070
.937	.687	.100 - .125	.940	.231	.005 - .010	.943	.442	.010 - .030	.946	.506	.050 - .070	.950	.815	.005 - .010	.961	.500	.040 - .050
.937	.693	.015 - .020	.940	.253	.007 - .015	.943	.473	.075 - .090	.946	.513	.105 - .125	.951	.104	.005 - .010	.961	.621	.005 - .010
.937	.703	.010 - .020	.940	.315	.010 - .075	.943	.475	.005 - .010	.946	.602	.025 - .042	.951	.156	.015 - .030	.961	.676	.020 - .030
.937	.724	.050 - .070	.940	.400	.160 - .190	.943	.517	.005 - .010	.946	.678	.005 - .010	.951	.285	.010 - .020	.961	.730	.005 - .010
.937	.737	.020 - .030	.940	.407	.090 - .120	.943	.547	.030 - .050	.946	.686	.062 - .070	.951	.376	.010 - .020	.961	.820	.010 - .020
.937	.754	.048 - .072	.940	.437	.005 - .010	.943	.568	.080 - .100	.946	.717	.060 - .080	.951	.377	.020 - .030	.961	.844	.010 - .020
.937	.772	.060 - .080	.940	.440	.110 - .130	.943	.596	.030 - .050	.946	.755	.040 - .060	.951	.380	.040 - .060	.961	.878	.005 - .010
.937	.785	.005 - .015	.940	.441	.040 - .060	.943	.597	.005 - .012	.946	.786	.050 - .070	.951	.388	.010 - .020	.962	.045	.015 - .025
.937	.793	.025 - .040	.940	.481	.050 - .075	.943	.736	.070 - .090	.947	.128	.005 - .010	.951	.500	.010 - .020	.962	.055	.005 - .010
.937	.802	.015 - .040	.940	.490	.075 - .105	.944	.150	.040 - .060	.947	.397	.010 - .020	.951	.586	.015 - .025	.962	.766	.005 - .010
.937	.813	.005 - .010	.940	.502	.015 - .030	.944	.238	.005 - .010	.947	.463	.060 - .070	.951	.661	.005 - .010	.962	.769	.035 - .062
.937	.875	.025 - .035	.940	.508	.100 - .125	.944	.256	.005 - .010	.947	.482	.005 - .010	.951	.741	.020 - .030	.962	.789	.020 - .030
.938	.140	.048 - .062	.940	.509	.050 - .070	.944	.266	.005 - .010	.947	.484	.070 - .090	.952	.125	.025 - .040	.963	.271	.005 - .010
.938	.144	.105 - .135	.940	.518	.050 - .070	.944	.281	.025 - .036	.947	.566	.030 - .048	.952	.166	.060 - .080	.963	.283	.030 - .050
.938	.150	.050 - .072	.940	.520	.090 - .105	.944	.314	.080 - .100	.947	.599	.042 - .060	.952	.198	.048 - .070	.963	.324	.005 - .010
.938	.199	.048 - .062	.940	.525	.040 - .060	.944	.317	.005 - .020	.947	.730	.030 - .050	.952	.213	.048 - .070	.963	.400	.020 - .040
.938	.200	.030 - .060	.940	.535	.030 - .040	.944	.319	.008 - .012	.947	.757	.010 - .025	.952	.376	.005 - .010	.963	.451	.030 - .050
.938	.201	.100 - .120	.940	.553	.100 - .125	.944	.394	.005 - .010	.947	.780	.020 - .040	.952	.470	.005 - .010	.963	.500	.010 - .020
.938	.217	.050 - .072	.940	.590	.015 - .030	.944	.423	.156 - .187	.947	.783	.048 - .062	.952	.502	.050 - .070	.963	.504	.005 - .010
.938	.246	.048 - .062	.940	.591	.060 - .070	.944	.432	.105 - .125	.947	.799	.010 - .020	.952	.555	.060 - .070	.963	.659	.080 - .100
.938	.266	.042 - .060	.940	.607	.030 - .060	.944	.442	.005 - .020	.947	.821	.005 - .010	.952	.570	.080 - .100	.963	.758	.020 - .030
.938	.318	.048 - .062	.940	.610	.030 - .060	.944	.473	.005 - .010	.948	.059	.005 - .010	.952	.627	.005 - .010	.963	.800	.030 - .050
.938	.322	.035 - .060	.940	.633	.005 - .010	.944	.475	.005 - .010	.948	.245	.005 - .012	.952	.685	.060 - .070	.963	.885	.010 - .020
.938	.328	.104 - .134	.940	.640	.005 - .105	.944	.479	.020 - .030	.948	.262	.060 - .080	.952	.687	.005 - .010	.964	.376	.030 - .050
.938	.343	.048 - .062	.940	.641	.025 - .040	.944	.502	.010 - .020	.948	.390	.005 - .010	.953	.693	.105 - .125	.964	.500	.015 - .030
.938	.376	.048 - .062	.940	.646	.060 - .080	.944	.595	.020 - .040	.948	.398	.005 - .010	.953	.710	.105 - .135	.964	.652	.090 - .120
.938	.379	.005 - .010	.940	.656	.040 - .060	.944	.633	.005 - .010	.948	.413	.005 - .010	.953	.742	.090 - .105	.965	.264	.020 - .040
.938	.383	.105 - .125	.940	.673	.005 - .030	.944	.673	.015 - .025	.948	.439	.010 - .020	.954	.322	.005 - .010	.965	.423	.030 - .040
.938	.388	.090 - .105	.940	.674	.005 - .010	.944	.694	.040 - .060	.948	.448	.060 - .070	.954	.630	.105 - .125	.965	.506	.060 - .075
.938	.439	.042 - .062	.940	.686	.010 - .020	.944	.766	.020 - .040	.948	.485	.090 - .110	.954	.670	.060 - .070	.965	.514	.090 - .120
.938	.444	.040 - .062	.940	.700	.015 - .025	.944	.795	.015 - .030	.948	.493	.062 - .080	.954	.753	.040 - .060	.965	.580	.032 - .060
.938	.458	.005 - .010	.940	.701	.015 - .030	.945	.221	.050 - .075	.948	.502	.006 - .015	.954	.826	.005 - .010	.965	.610	.020 - .035
.938	.505	.030 - .050	.940	.704	.083 - .105	.945	.237	.005 - .010	.948	.503	.005 - .010	.955	.510	.025 - .040	.965	.620	.025 - .040
.938	.507	.005 - .010	.940	.710	.030 - .050	.945	.240	.005 - .010	.948	.506	.005 - .010	.955	.733	.020 - .040	.965	.644	.005 - .010
.938	.521	.005 - .010	.940	.721	.040 - .060	.945	.249	.060 - .125	.948	.514	.050 - .075	.955	.825	.010 - .020	.965	.669	.080 - .105
.938	.532	.105 - .125	.940	.730	.015 - .030	.945	.282	.040 - .060	.948	.518	.030 - .060	.955	.848	.005 - .010	.965	.709	.005 - .010
.938	.550	.005 - .010	.940	.752	.005 - .010	.945	.314	.005 - .010	.948	.576	.005 - .010	.956	.439	.060 - .125	.965	.754	.020 - .040
.938	.562	.030 - .050	.940	.766	.050 - .075	.945	.315	.010 - .020	.948	.666	.035 - .050	.956	.635	.005 - .050	.965	.783	.020 - .036
.938	.563	.015 - .030	.940	.776	.005 - .010	.945	.317	.005 - .070	.948	.763	.005 - .010	.956	.781	.005 - .010	.966	.391	.040 - .060
.938	.570	.070 - .090	.940	.788	.020 - .030	.945	.318	.010 - .020	.948	.780	.020 - .040	.956	.820	.005 - .010	.966	.542	.020 - .032
.938	.595	.005 - .010	.940	.796	.005 - .010	.945	.322	.010 - .020	.948	.864	.025 - .040	.957	.295	.030 - .050	.966	.643	.080 - .105
.938	.596	.005 - .010	.940	.830	.005 - .012	.945	.331	.070 - .090	.949	.189	.005 - .010	.957	.626	.040 - .060	.966	.703	.060 - .075
.938	.636	.030 - .050	.941	.119	.030 - .060	.945	.345	.020 - .040	.949	.380	.040 - .060	.957	.734	.015 - .030	.967	.265	.005 - .030
.938	.637	.080 - .104	.941	.150	.060 - .070	.945	.378	.050 - .070	.949	.503	.005 - .010	.957	.812	.005 - .010	.967	.347	.090 - .110
.938	.690	.040 - .060	.941	.256	.130 - .150	.945	.389	.050 - .075	.949	.505	.050 - .070	.957	.841	.015 - .020	.967	.375	.090 - .125
.938	.721	.020 - .040	.941	.257	.010 - .020	.945	.393	.030 - .050	.949	.507	.005 - .020	.958	.442	.005 - .010	.967	.505	.050 - .070
.938	.730	.070 - .090	.941	.260	.050 - .070	.945	.394	.010 - .020	.949	.511	.010 - .020	.958	.606	.050 - .072	.967	.542	.015 - .030
.938	.752	.015 - .090	.941	.459	.020 - .030	.945	.411	.005 - .010	.949	.592	.072 - .090	.958	.639	.020 - .030	.967	.567	.070 - .090
.938	.760	.005 - .010	.941	.484	.005 - .010	.945	.434	.020 - .040	.950	.102	.005 - .030	.958	.779	.070 - .080	.967	.593	.050 - .075
.938	.761	.015 - .030	.941	.500	.040 - .060	.945	.434	.156 - .187	.950	.125	.005 - .010	.959	.300	.015 - .025	.967	.719	.060 - .080
.938	.766	.020 - .030	.941	.532	.030 - .050	.945	.453	.156 - .187	.950	.131	.062 - .080	.959	.328	.030 - .050	.967	.761	.050 - .075
.938	.770	.030 - .050	.941	.555	.005 - .012	.945	.454	.156 - .187	.950	.186	.020 - .035	.959	.420	.030 - .050	.968	.517	.05

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.969	.436	.050 - .075	.976	.527	.015 - .030	.982	.501	.005 - .010	.985	.443	.005 - .010	.990	.469	.080 - .100	.994	.484	.005 - .010
.969	.559	.020 - .040	.976	.565	.005 - .010	.982	.502	.015 - .030	.985	.450	.025 - .035	.990	.510	.025 - .040	.994	.500	.090 - .100
.969	.565	.020 - .030	.976	.640	.005 - .020	.982	.503	.005 - .010	.985	.451	.070 - .090	.990	.512	.005 - .010	.994	.508	.090 - .105
.969	.582	.005 - .010	.976	.661	.005 - .010	.982	.504	.100 - .125	.985	.475	.010 - .015	.990	.516	.030 - .050	.994	.513	.130 - .150
.969	.638	.025 - .042	.976	.717	.005 - .010	.982	.562	.060 - .080	.985	.490	.120 - .156	.990	.526	.090 - .105	.994	.540	.005 - .010
.969	.641	.060 - .080	.976	.872	.010 - .020	.982	.620	.005 - .010	.985	.500	.020 - .032	.990	.560	.030 - .060	.994	.552	.040 - .050
.969	.656	.060 - .080	.977	.276	.015 - .030	.982	.704	.010 - .020	.985	.503	.008 - .015	.990	.562	.080 - .156	.994	.565	.040 - .060
.969	.661	.060 - .080	.977	.315	.015 - .040	.982	.752	.030 - .050	.985	.506	.100 - .120	.990	.595	.105 - .125	.994	.605	.005 - .010
.969	.750	.005 - .010	.977	.485	.005 - .010	.982	.801	.005 - .010	.985	.512	.030 - .050	.990	.605	.075 - .090	.994	.625	.050 - .075
.969	.770	.010 - .048	.977	.550	.020 - .030	.982	.875	.020 - .040	.985	.535	.040 - .060	.990	.625	.020 - .040	.994	.721	.005 - .010
.969	.792	.025 - .048	.977	.560	.020 - .040	.983	.090	.010 - .025	.985	.548	.010 - .015	.990	.626	.050 - .075	.994	.813	.005 - .010
.969	.802	.015 - .030	.977	.626	.070 - .090	.983	.242	.040 - .060	.985	.556	.040 - .060	.990	.631	.005 - .010	.994	.900	.005 - .010
.970	.092	.025 - .048	.977	.649	.010 - .020	.983	.257	.100 - .125	.985	.565	.062 - .105	.990	.635	.060 - .080	.995	.083	.005 - .010
.970	.230	.005 - .010	.977	.720	.010 - .040	.983	.280	.015 - .025	.985	.580	.005 - .010	.990	.645	.005 - .010	.995	.157	.032 - .042
.970	.262	.100 - .125	.977	.778	.070 - .090	.983	.315	.005 - .010	.985	.587	.020 - .032	.990	.661	.010 - .020	.995	.160	.015 - .030
.970	.345	.020 - .040	.978	.180	.020 - .040	.983	.319	.005 - .010	.985	.635	.060 - .080	.990	.693	.005 - .010	.995	.196	.005 - .010
.970	.380	.025 - .040	.978	.437	.050 - .075	.983	.323	.040 - .060	.985	.669	.005 - .010	.990	.703	.020 - .040	.995	.224	.005 - .010
.970	.418	.070 - .080	.978	.503	.025 - .040	.983	.381	.015 - .030	.985	.685	.100 - .125	.990	.735	.030 - .050	.995	.272	.005 - .010
.970	.440	.005 - .010	.978	.515	.005 - .120	.983	.396	.050 - .075	.985	.700	.005 - .015	.990	.758	.020 - .105	.995	.282	.025 - .050
.970	.515	.080 - .100	.978	.659	.015 - .020	.983	.398	.050 - .070	.985	.721	.040 - .105	.990	.759	.080 - .100	.995	.297	.100 - .125
.970	.550	.010 - .020	.978	.690	.010 - .020	.983	.416	.005 - .010	.985	.751	.005 - .010	.990	.760	.010 - .042	.995	.306	.030 - .050
.970	.631	.156 - .187	.979	.171	.015 - .035	.983	.434	.005 - .010	.985	.760	.042 - .062	.990	.770	.020 - .030	.995	.374	.050 - .070
.970	.670	.005 - .010	.979	.285	.015 - .030	.983	.471	.008 - .015	.985	.789	.005 - .025	.990	.780	.005 - .010	.995	.378	.005 - .030
.970	.679	.010 - .020	.979	.340	.060 - .080	.983	.502	.005 - .010	.985	.790	.005 - .010	.990	.800	.005 - .010	.995	.392	.050 - .070
.970	.723	.005 - .010	.979	.393	.005 - .010	.983	.659	.010 - .020	.985	.806	.005 - .010	.990	.810	.010 - .030	.995	.410	.005 - .010
.970	.754	.040 - .060	.979	.405	.005 - .010	.983	.670	.020 - .040	.985	.825	.010 - .020	.990	.813	.005 - .010	.995	.447	.005 - .010
.970	.769	.005 - .010	.979	.517	.125 - .135	.983	.678	.060 - .080	.986	.220	.070 - .090	.990	.820	.016 - .032	.995	.453	.008 - .016
.970	.802	.030 - .048	.979	.563	.070 - .090	.983	.719	.005 - .010	.986	.337	.030 - .050	.990	.842	.010 - .020	.995	.494	.005 - .010
.970	.882	.010 - .020	.979	.630	.005 - .010	.983	.753	.020 - .030	.986	.408	.020 - .040	.990	.858	.025 - .040	.995	.500	.070 - .090
.971	.345	.105 - .135	.979	.674	.005 - .010	.984	.183	.050 - .075	.986	.516	.050 - .070	.990	.910	.015 - .025	.995	.515	.070 - .090
.971	.376	.060 - .080	.979	.678	.025 - .040	.984	.238	.005 - .010	.986	.585	.050 - .070	.991	.071	.010 - .020	.995	.517	.040 - .060
.971	.408	.050 - .075	.979	.705	.005 - .010	.984	.239	.005 - .010	.986	.631	.010 - .020	.991	.267	.060 - .080	.995	.522	.005 - .010
.971	.439	.020 - .040	.979	.710	.030 - .050	.984	.240	.015 - .030	.986	.635	.060 - .080	.991	.303	.005 - .010	.995	.534	.083 - .105
.971	.444	.020 - .030	.979	.837	.010 - .030	.984	.257	.105 - .125	.986	.700	.030 - .050	.991	.316	.005 - .010	.995	.535	.062 - .120
.971	.515	.015 - .030	.979	.840	.015 - .030	.984	.284	.005 - .010	.986	.710	.105 - .125	.991	.317	.090 - .125	.995	.538	.015 - .030
.971	.550	.030 - .050	.980	.198	.005 - .010	.984	.320	.010 - .020	.986	.779	.005 - .010	.991	.405	.005 - .010	.995	.559	.125 - .187
.971	.605	.005 - .010	.980	.246	.015 - .030	.984	.355	.080 - .104	.986	.859	.030 - .050	.991	.406	.090 - .125	.995	.564	.040 - .060
.971	.631	.080 - .104	.980	.302	.015 - .030	.984	.394	.005 - .010	.987	.348	.005 - .010	.991	.412	.005 - .010	.995	.566	.030 - .060
.971	.720	.104 - .125	.980	.347	.005 - .010	.984	.395	.100 - .125	.987	.397	.005 - .010	.991	.515	.005 - .010	.995	.573	.050 - .070
.971	.761	.005 - .020	.980	.395	.015 - .025	.984	.435	.005 - .010	.987	.516	.050 - .070	.991	.605	.005 - .010	.995	.630	.050 - .070
.971	.837	.040 - .060	.980	.407	.100 - .125	.984	.469	.080 - .100	.987	.748	.025 - .042	.991	.627	.105 - .135	.995	.657	.025 - .048
.971	.865	.030 - .050	.980	.445	.005 - .010	.984	.473	.005 - .010	.988	.255	.025 - .040	.991	.678	.030 - .050	.995	.665	.005 - .012
.972	.335	.040 - .060	.980	.458	.020 - .030	.984	.477	.005 - .010	.988	.354	.020 - .040	.991	.751	.030 - .040	.995	.666	.015 - .030
.972	.365	.010 - .020	.980	.480	.060 - .080	.984	.481	.040 - .060	.988	.499	.040 - .060	.991	.770	.015 - .030	.995	.694	.020 - .062
.972	.570	.100 - .130	.980	.481	.005 - .010	.984	.507	.070 - .090	.988	.505	.090 - .120	.991	.779	.040 - .060	.995	.700	.020 - .040
.972	.657	.015 - .105	.980	.500	.010 - .020	.984	.513	.105 - .125	.988	.506	.025 - .040	.991	.796	.020 - .030	.995	.717	.005 - .012
.972	.746	.050 - .070	.980	.501	.005 - .010	.984	.530	.042 - .062	.988	.597	.040 - .060	.991	.877	.005 - .010	.995	.720	.030 - .060
.972	.764	.050 - .075	.980	.514	.005 - .010	.984	.531	.005 - .010	.988	.703	.005 - .010	.991	.880	.015 - .060	.995	.740	.025 - .040
.973	.110	.050 - .072	.980	.521	.025 - .040	.984	.556	.005 - .010	.988	.736	.040 - .060	.991	.887	.005 - .010	.995	.750	.005 - .010
.973	.567	.005 - .010	.980	.522	.005 - .010	.984	.572	.040 - .060	.988	.758	.005 - .015	.992	.260	.005 - .010	.995	.763	.005 - .010
.973	.595	.005 - .075	.980	.531	.010 - .020	.984	.591	.005 - .010	.988	.759	.030 - .050	.992	.263	.005 - .010	.995	.766	.005 - .010
.974	.226	.050 - .075	.980	.600	.030 - .105	.984	.625	.040 - .060	.988	.760	.005 - .010	.992	.270	.005 - .015	.995	.873	.040 - .060
.974	.260	.050 - .070	.980	.640	.007 - .015	.984	.628	.035 - .060	.988	.877	.015 - .030	.992	.316	.110 - .130	.995	.938	.010 - .020
.974	.502	.005 - .010	.980	.647	.005 - .010	.984	.630	.015 - .025	.989	.176	.005 - .010	.992	.330	.110 - .130	.996	.120	.042 - .062
.974	.669	.015 - .025	.980	.648	.050 - .070	.984	.641	.080 - .105	.989	.201	.080 - .100	.992	.387	.020 - .040	.996	.170	.005 - .010
.974	.699	.025 - .040	.980	.664	.060 - .083	.984	.643	.060 - .080	.989	.253	.030 - .050	.992	.523	.025 - .040	.996	.255	.005 - .010
.974	.716	.120 - .135	.980	.668	.080 - .100	.984	.648	.015 - .030	.989	.259	.060 - .070	.992	.536	.005 - .010	.996	.283	.090 - .125
.974	.755	.050 - .070	.980	.719	.040 - .060	.984	.650	.100 - .125	.989	.282	.080 - .100	.992	.582	.030 - .050	.996	.318	.005 - .010
.974	.768	.030 - .050	.980	.740	.020 - .040	.984	.689	.020 - .030	.989	.390	.005 - .010	.992	.669	.005 - .010	.996	.323	.005 - .010
.975	.440	.005 - .010	.980	.757	.080 - .104	.984	.715	.050 - .075	.989	.400	.100 - .125	.992	.687	.105 - .135	.996	.395	.156 - .187
.975	.495	.005 - .010	.980	.821	.040 - .060	.984	.716	.025 - .042	.989	.506	.070 - .090	.992	.688	.050 - .070	.996	.396	.100 - .125
.975	.503	.015 - .030	.980	.841	.030 - .050	.984	.748	.010 - .020	.989	.515	.060 - .080	.992	.754	.040 - .060	.996	.441	.020 - .030
.975	.531	.010 - .020	.980	.851	.010 - .020	.984	.749	.040 - .060	.989	.560	.025 - .040	.992	.835	.010 - .015	.996	.463	.060 - .080
.975	.532	.025 - .040	.980	.860	.005 - .010	.984	.794	.070 - .090	.989	.640	.005 - .010	.993	.249	.040 - .050	.996	.511	.040 - .060
.975	.550	.050 - .060	.980	.875	.005 - .010	.984	.795	.025 - .042	.989	.736	.100 - .120	.993	.295	.062 - .120	.996	.578	.075 - .090
.975	.571	.050 - .110	.981	.396	.010 - .020	.984	.798	.070 - .090	.989	.739	.005 - .010	.993	.297	.062 - .120	.996	.630	.010 - .015
.975	.596	.030 - .040	.981	.467	.020 - .030	.984	.799	.040 - .060	.989	.771	.060 - .075	.993	.316	.005 - .010	.996	.666	.040 - .060
.975	.630	.010 - .020	.981	.504	.050 - .060	.984	.817	.005 - .010	.989	.789	.020 - .040	.993	.371	.070 - .090	.996	.692	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
.996	.880	.020 - .030	.999	.253	.005 - .010	1.000	.218	.015 - .048	1.000	.434	.104 - .125	1.000	.669	.005 - .032	1.001	.285	.105 - .135
.996	.881	.025 - .040	.999	.267	.105 - .125	1.000	.219	.005 - .125	1.000	.437	.050 - .125	1.000	.670	.105 - .125	1.001	.322	.080 - .100
.997	.152	.050 - .075	.999	.284	.005 - .010	1.000	.220	.010 - .020	1.000	.438	.020 - .040	1.000	.671	.060 - .090	1.001	.344	.015 - .030
.997	.171	.040 - .062	.999	.344	.080 - .104	1.000	.221	.005 - .050	1.000	.440	.005 - .010	1.000	.673	.080 - .100	1.001	.378	.005 - .125
.997	.250	.005 - .010	.999	.348	.080 - .104	1.000	.225	.050 - .070	1.000	.441	.100 - .120	1.000	.674	.100 - .125	1.001	.380	.025 - .040
.997	.266	.010 - .020	.999	.356	.005 - .010	1.000	.228	.005 - .010	1.000	.443	.135 - .170	1.000	.675	.005 - .030	1.001	.385	.005 - .010
.997	.312	.005 - .010	.999	.372	.030 - .060	1.000	.237	.060 - .080	1.000	.444	.005 - .010	1.000	.676	.020 - .030	1.001	.389	.030 - .050
.997	.315	.060 - .080	.999	.375	.010 - .060	1.000	.238	.010 - .020	1.000	.445	.060 - .080	1.000	.679	.050 - .070	1.001	.409	.005 - .010
.997	.327	.005 - .010	.999	.376	.005 - .010	1.000	.239	.015 - .030	1.000	.447	.010 - .020	1.000	.680	.005 - .125	1.001	.416	.070 - .090
.997	.456	.005 - .010	.999	.382	.030 - .050	1.000	.250	.008 - .070	1.000	.451	.005 - .010	1.000	.686	.030 - .060	1.001	.418	.050 - .070
.997	.466	.080 - .100	.999	.392	.030 - .050	1.000	.251	.105 - .125	1.000	.452	.010 - .020	1.000	.688	.008 - .016	1.001	.423	.050 - .070
.997	.503	.030 - .050	.999	.401	.040 - .060	1.000	.252	.005 - .080	1.000	.457	.100 - .125	1.000	.690	.025 - .048	1.001	.439	.170 - .190
.997	.508	.050 - .070	.999	.444	.030 - .050	1.000	.253	.030 - .120	1.000	.459	.005 - .010	1.000	.691	.005 - .010	1.001	.494	.005 - .010
.997	.533	.005 - .010	.999	.453	.060 - .070	1.000	.255	.060 - .070	1.000	.465	.030 - .050	1.000	.700	.005 - .060	1.001	.500	.010 - .020
.997	.537	.040 - .062	.999	.505	.005 - .010	1.000	.256	.020 - .040	1.000	.468	.100 - .125	1.000	.709	.015 - .030	1.001	.503	.005 - .100
.997	.541	.005 - .010	.999	.518	.040 - .060	1.000	.256	.170 - .190	1.000	.471	.050 - .070	1.000	.716	.005 - .010	1.001	.504	.005 - .030
.997	.549	.020 - .040	.999	.527	.090 - .105	1.000	.258	.030 - .050	1.000	.475	.020 - .040	1.000	.720	.010 - .020	1.001	.505	.015 - .025
.997	.563	.125 - .187	.999	.563	.015 - .030	1.000	.263	.005 - .010	1.000	.476	.100 - .125	1.000	.724	.040 - .060	1.001	.508	.005 - .105
.997	.622	.005 - .010	.999	.578	.010 - .020	1.000	.264	.042 - .062	1.000	.480	.005 - .125	1.000	.729	.060 - .080	1.001	.531	.170 - .190
.997	.640	.090 - .105	.999	.626	.020 - .134	1.000	.266	.005 - .030	1.000	.482	.005 - .010	1.000	.733	.025 - .040	1.001	.564	.170 - .190
.997	.689	.050 - .070	.999	.629	.050 - .070	1.000	.267	.050 - .075	1.000	.485	.040 - .135	1.000	.742	.005 - .010	1.001	.587	.020 - .040
.997	.718	.005 - .015	.999	.633	.005 - .010	1.000	.268	.030 - .050	1.000	.499	.005 - .010	1.000	.750	.005 - .125	1.001	.595	.050 - .070
.997	.748	.030 - .050	.999	.657	.080 - .100	1.000	.270	.005 - .010	1.000	.500	.005 - .062	1.000	.751	.100 - .125	1.001	.611	.040 - .062
.997	.756	.016 - .025	.999	.674	.100 - .134	1.000	.272	.030 - .050	1.000	.501	.030 - .105	1.000	.752	.040 - .105	1.001	.626	.005 - .020
.997	.758	.005 - .010	.999	.675	.100 - .134	1.000	.273	.135 - .190	1.000	.502	.005 - .187	1.000	.753	.050 - .070	1.001	.628	.040 - .062
.997	.769	.025 - .040	.999	.680	.005 - .010	1.000	.278	.050 - .075	1.000	.504	.010 - .110	1.000	.754	.020 - .075	1.001	.629	.050 - .070
.997	.819	.005 - .010	.999	.693	.005 - .010	1.000	.280	.040 - .060	1.000	.505	.030 - .050	1.000	.755	.005 - .125	1.001	.688	.006 - .016
.998	.062	.030 - .050	.999	.700	.020 - .030	1.000	.281	.005 - .125	1.000	.506	.010 - .020	1.000	.756	.030 - .050	1.001	.690	.050 - .070
.998	.111	.010 - .020	.999	.715	.010 - .020	1.000	.282	.006 - .070	1.000	.507	.020 - .187	1.000	.759	.005 - .040	1.001	.711	.080 - .090
.998	.125	.040 - .060	.999	.754	.050 - .070	1.000	.283	.040 - .060	1.000	.508	.005 - .190	1.000	.760	.060 - .080	1.001	.756	.025 - .050
.998	.131	.015 - .025	.999	.755	.090 - .105	1.000	.292	.005 - .010	1.000	.510	.060 - .083	1.000	.761	.035 - .050	1.001	.818	.080 - .105
.998	.136	.015 - .030	.999	.763	.005 - .010	1.000	.293	.080 - .104	1.000	.511	.032 - .060	1.000	.764	.105 - .125	1.001	.906	.005 - .010
.998	.138	.005 - .015	.999	.787	.025 - .040	1.000	.301	.005 - .010	1.000	.513	.140 - .160	1.000	.765	.030 - .050	1.002	.136	.050 - .070
.998	.156	.050 - .075	.999	.790	.005 - .010	1.000	.310	.062 - .090	1.000	.515	.005 - .187	1.000	.766	.100 - .125	1.002	.140	.042 - .060
.998	.190	.005 - .010	.999	.822	.050 - .070	1.000	.311	.150 - .180	1.000	.517	.005 - .010	1.000	.767	.050 - .075	1.002	.172	.010 - .025
.998	.202	.050 - .075	.999	.832	.025 - .040	1.000	.315	.031 - .042	1.000	.518	.015 - .125	1.000	.768	.010 - .020	1.002	.197	.005 - .010
.998	.230	.008 - .016	.999	.840	.005 - .010	1.000	.316	.005 - .020	1.000	.520	.100 - .125	1.000	.770	.005 - .060	1.002	.277	.010 - .020
.998	.252	.005 - .020	.999	.878	.005 - .010	1.000	.317	.005 - .012	1.000	.531	.120 - .140	1.000	.771	.015 - .030	1.002	.312	.135 - .160
.998	.270	.060 - .083				1.000	.318	.050 - .105	1.000	.534	.050 - .070	1.000	.776	.070 - .090	1.002	.319	.060 - .080
.998	.339	.005 - .010				1.000	.320	.010 - .125	1.000	.535	.010 - .060	1.000	.778	.040 - .060	1.002	.379	.005 - .010
.998	.347	.100 - .125				1.000	.323	.050 - .070	1.000	.545	.150 - .190	1.000	.785	.100 - .125	1.002	.384	.090 - .125
.998	.348	.075 - .090				1.000	.326	.090 - .120	1.000	.549	.100 - .125	1.000	.787	.060 - .070	1.002	.442	.050 - .070
.998	.378	.080 - .105				1.000	.328	.010 - .060	1.000	.550	.030 - .110	1.000	.791	.005 - .020	1.002	.454	.025 - .042
.998	.395	.010 - .030				1.000	.330	.105 - .125	1.000	.556	.025 - .040	1.000	.796	.010 - .015	1.002	.470	.005 - .075
.998	.435	.020 - .030				1.000	.332	.005 - .010	1.000	.562	.050 - .075	1.000	.797	.025 - .125	1.002	.504	.100 - .125
.998	.501	.040 - .060	1.000	.028	.010 - .015	1.000	.338	.100 - .125	1.000	.563	.005 - .020	1.000	.798	.005 - .010	1.002	.505	.005 - .010
.998	.503	.030 - .125	1.000	.064	.010 - .020	1.000	.340	.032 - .048	1.000	.564	.030 - .050	1.000	.800	.012 - .025	1.002	.507	.010 - .020
.998	.504	.030 - .060	1.000	.066	.005 - .010	1.000	.343	.050 - .070	1.000	.567	.010 - .020	1.000	.801	.025 - .040	1.002	.531	.035 - .090
.998	.506	.005 - .125	1.000	.073	.020 - .035	1.000	.344	.010 - .020	1.000	.568	.005 - .010	1.000	.805	.005 - .010	1.002	.532	.005 - .010
.998	.508	.090 - .110	1.000	.077	.015 - .030	1.000	.354	.100 - .125	1.000	.572	.005 - .080	1.000	.815	.005 - .010	1.002	.534	.025 - .040
.998	.509	.005 - .010	1.000	.086	.005 - .010	1.000	.357	.010 - .020	1.000	.578	.100 - .125	1.000	.828	.015 - .025	1.002	.564	.062 - .083
.998	.515	.080 - .100	1.000	.093	.010 - .020	1.000	.363	.005 - .010	1.000	.579	.020 - .040	1.000	.837	.040 - .060	1.002	.579	.015 - .030
.998	.516	.005 - .010	1.000	.094	.030 - .060	1.000	.372	.010 - .020	1.000	.590	.020 - .125	1.000	.845	.030 - .050	1.002	.581	.050 - .070
.998	.534	.030 - .050	1.000	.100	.050 - .070	1.000	.375	.060 - .187	1.000	.594	.156 - .187	1.000	.850	.005 - .010	1.002	.645	.015 - .030
.998	.562	.015 - .020	1.000	.116	.010 - .062	1.000	.376	.005 - .010	1.000	.598	.060 - .070	1.000	.851	.070 - .080	1.002	.652	.015 - .030
.998	.563	.075 - .100	1.000	.117	.040 - .060	1.000	.377	.005 - .010	1.000	.600	.005 - .010	1.000	.854	.010 - .020	1.002	.658	.100 - .125
.998	.573	.050 - .070	1.000	.118	.040 - .060	1.000	.378	.005 - .050	1.000	.605	.010 - .020	1.000	.855	.005 - .010	1.002	.685	.060 - .083
.998	.577	.005 - .010	1.000	.129	.005 - .010	1.000	.379	.042 - .134	1.000	.610	.005 - .120	1.000	.857	.005 - .010	1.002	.700	.125 - .135
.998	.578	.010 - .020	1.000	.131	.015 - .030	1.000	.381	.005 - .020	1.000	.611	.030 - .060	1.000	.875	.016 - .025	1.002	.703	.050 - .070
.998	.580	.157 - .187	1.000	.142	.010 - .062	1.000	.384	.060 - .090	1.000	.623	.030 - .050	1.000	.876	.005 - .010	1.002	.718	.020 - .040
.998	.629	.005 - .010	1.000	.143	.030 - .050	1.000	.386	.005 - .010	1.000	.624	.005 - .187	1.000	.879	.030 - .060	1.002	.719	.062 - .083
.998	.630	.010 - .020	1.000	.147	.005 - .010	1.000	.386	.050 - .075	1.000	.625	.015 - .030	1.000	.880	.010 - .020	1.002	.767	.020 - .040
.998	.637	.040 - .060	1.000	.156	.020 - .040	1.000	.387	.007 - .016	1.000	.626	.050 - .075	1.000	.892	.030 - .050	1.002	.820	.020 - .040
.998	.662	.050 - .070	1.000	.157	.070 - .090	1.000	.388	.005 - .010	1.000	.627	.105 - .125	1.000	.900	.005 - .010	1.002	.842	.030 - .050
.998	.672	.005 - .012	1.000	.165	.020 - .072	1.000	.389	.048 - .075	1.000	.628	.005 - .030	1.000	.911	.020 - .035	1.002	.897	.025 - .040
.998	.678	.032 - .042	1.000	.168	.050 - .070	1.000	.392	.07									

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.004	.185	.005 - .010	1.015	.671	.010 - .020	1.023	.398	.005 - .015	1.028	.623	.060 - .080	1.037	.925	.030 - .048	1.049	.890	.030 - .050
1.004	.320	.020 - .040	1.015	.755	.005 - .010	1.023	.473	.020 - .030	1.028	.629	.032 - .048	1.038	.440	.025 - .042	1.049	.950	.005 - .010
1.004	.423	.005 - .010	1.015	.773	.020 - .030	1.023	.474	.005 - .010	1.028	.812	.020 - .040	1.038	.506	.050 - .075	1.050	.156	.025 - .042
1.004	.458	.050 - .070	1.015	.790	.005 - .010	1.023	.552	.060 - .080	1.028	.846	.050 - .070	1.038	.709	.030 - .050	1.050	.178	.025 - .040
1.004	.531	.005 - .010	1.015	.818	.100 - .125	1.023	.553	.005 - .010	1.029	.318	.005 - .010	1.038	.974	.010 - .020	1.050	.250	.015 - .030
1.004	.549	.005 - .010	1.015	.842	.050 - .070	1.023	.669	.060 - .080	1.029	.520	.120 - .135	1.038	.989	.015 - .025	1.050	.314	.005 - .020
1.004	.567	.100 - .125	1.015	.876	.015 - .030	1.023	.709	.010 - .020	1.029	.740	.030 - .050	1.039	.626	.030 - .060	1.050	.320	.170 - .190
1.004	.628	.062 - .120	1.016	.302	.100 - .125	1.023	.725	.050 - .070	1.029	.765	.050 - .070	1.039	.890	.010 - .020	1.050	.375	.062 - .120
1.004	.675	.100 - .125	1.016	.460	.015 - .030	1.023	.730	.005 - .010	1.030	.171	.050 - .070	1.039	.943	.020 - .040	1.050	.376	.005 - .010
1.004	.705	.040 - .060	1.016	.481	.020 - .040	1.023	.839	.005 - .010	1.030	.189	.075 - .090	1.040	.138	.005 - .010	1.050	.416	.020 - .030
1.004	.750	.090 - .105	1.016	.505	.050 - .070	1.023	.869	.010 - .020	1.030	.194	.030 - .050	1.040	.195	.005 - .010	1.050	.438	.005 - .010
1.004	.760	.090 - .125	1.016	.522	.015 - .030	1.023	.885	.010 - .020	1.030	.273	.060 - .075	1.040	.378	.005 - .010	1.050	.438	.015 - .030
1.004	.780	.010 - .020	1.016	.650	.005 - .010	1.023	.887	.010 - .020	1.030	.336	.156 - .187	1.040	.544	.090 - .120	1.050	.440	.010 - .020
1.004	.781	.005 - .010	1.016	.750	.005 - .010	1.023	.893	.015 - .030	1.030	.377	.020 - .030	1.040	.560	.030 - .050	1.050	.500	.005 - .030
1.004	.873	.050 - .070	1.016	.761	.015 - .030	1.023	.909	.005 - .010	1.030	.383	.015 - .030	1.040	.627	.020 - .040	1.050	.503	.005 - .020
1.005	.210	.030 - .042	1.016	.920	.005 - .010	1.024	.394	.010 - .020	1.030	.384	.010 - .015	1.040	.714	.120 - .140	1.050	.504	.005 - .008
1.005	.257	.100 - .125	1.016	.929	.005 - .010	1.024	.395	.005 - .010	1.030	.417	.030 - .050	1.040	.809	.012 - .025	1.050	.564	.005 - .020
1.005	.262	.010 - .020	1.017	.301	.050 - .075	1.024	.398	.005 - .010	1.030	.505	.050 - .070	1.040	.831	.025 - .035	1.050	.567	.100 - .120
1.005	.263	.100 - .125	1.017	.627	.005 - .008	1.024	.454	.040 - .060	1.030	.510	.062 - .080	1.040	.869	.005 - .010	1.050	.570	.015 - .030
1.005	.480	.060 - .075	1.017	.754	.005 - .015	1.024	.473	.005 - .010	1.030	.533	.110 - .130	1.040	.875	.025 - .040	1.050	.615	.020 - .040
1.005	.510	.025 - .040	1.017	.825	.005 - .060	1.024	.476	.005 - .010	1.030	.542	.015 - .030	1.040	.915	.010 - .020	1.050	.626	.005 - .050
1.005	.536	.100 - .125	1.017	.865	.005 - .010	1.024	.568	.050 - .070	1.030	.585	.005 - .010	1.040	.926	.020 - .030	1.050	.629	.005 - .010
1.005	.650	.080 - .100	1.017	.878	.048 - .062	1.024	.629	.005 - .010	1.030	.626	.140 - .160	1.041	.788	.015 - .030	1.050	.635	.005 - .010
1.005	.758	.005 - .010	1.018	.203	.008 - .015	1.024	.694	.015 - .030	1.030	.649	.005 - .010	1.041	.909	.005 - .010	1.050	.712	.032 - .060
1.005	.801	.010 - .020	1.018	.317	.010 - .020	1.024	.709	.060 - .080	1.030	.688	.050 - .060	1.041	.919	.005 - .010	1.050	.722	.032 - .042
1.005	.840	.005 - .010	1.018	.688	.050 - .070	1.024	.717	.070 - .090	1.030	.690	.090 - .125	1.042	.544	.090 - .120	1.050	.754	.005 - .020
1.005	.900	.005 - .010	1.018	.696	.050 - .070	1.024	.801	.030 - .050	1.030	.719	.100 - .125	1.042	.773	.015 - .030	1.050	.760	.030 - .050
1.005	.950	.005 - .010	1.018	.747	.048 - .062	1.024	.874	.010 - .020	1.030	.749	.040 - .060	1.042	.789	.015 - .030	1.050	.765	.010 - .020
1.006	.516	.080 - .105	1.018	.807	.010 - .020	1.024	.881	.010 - .020	1.030	.815	.020 - .030	1.043	.473	.105 - .135	1.050	.771	.110 - .120
1.006	.584	.040 - .060	1.018	.824	.020 - .040	1.025	.243	.005 - .010	1.030	.850	.030 - .050	1.043	.676	.070 - .090	1.050	.798	.025 - .048
1.006	.881	.015 - .030	1.018	.826	.005 - .010	1.025	.315	.005 - .010	1.030	.894	.050 - .075	1.044	.191	.032 - .060	1.050	.804	.005 - .010
1.007	.203	.050 - .075	1.018	.832	.020 - .040	1.025	.318	.005 - .010	1.030	.952	.005 - .015	1.044	.193	.007 - .015	1.050	.820	.030 - .050
1.007	.414	.015 - .025	1.019	.166	.015 - .030	1.025	.330	.020 - .040	1.030	.967	.020 - .030	1.044	.378	.020 - .040	1.050	.826	.005 - .010
1.007	.448	.015 - .025	1.019	.415	.020 - .030	1.025	.337	.060 - .080	1.031	.377	.015 - .030	1.044	.512	.020 - .030	1.050	.828	.005 - .010
1.007	.528	.080 - .105	1.019	.613	.015 - .030	1.025	.375	.030 - .040	1.031	.385	.005 - .010	1.044	.717	.005 - .010	1.050	.850	.005 - .010
1.007	.569	.135 - .160	1.019	.665	.030 - .050	1.025	.394	.010 - .020	1.031	.408	.105 - .135	1.044	.750	.100 - .125	1.050	.876	.005 - .010
1.007	.641	.015 - .030	1.019	.757	.005 - .010	1.025	.395	.005 - .010	1.031	.485	.020 - .040	1.044	.828	.025 - .042	1.050	.877	.050 - .070
1.007	.647	.100 - .125	1.019	.766	.010 - .030	1.025	.410	.036 - .060	1.031	.520	.005 - .010	1.044	.987	.010 - .020	1.050	.878	.010 - .090
1.007	.725	.062 - .075	1.019	.769	.050 - .070	1.025	.433	.050 - .070	1.031	.846	.005 - .010	1.045	.210	.030 - .042	1.050	.896	.005 - .010
1.007	.752	.036 - .050	1.019	.794	.010 - .020	1.025	.440	.090 - .110	1.031	.864	.080 - .100	1.045	.230	.008 - .016	1.050	.900	.030 - .050
1.007	.764	.005 - .010	1.020	.316	.050 - .075	1.025	.470	.005 - .010	1.031	.910	.010 - .020	1.045	.252	.005 - .010	1.050	.950	.030 - .040
1.008	.469	.015 - .030	1.020	.378	.015 - .030	1.025	.475	.005 - .010	1.031	.958	.010 - .020	1.045	.288	.030 - .042	1.050	.970	.005 - .010
1.008	.661	.060 - .080	1.020	.510	.135 - .160	1.025	.477	.005 - .010	1.032	.175	.100 - .125	1.045	.300	.005 - .010	1.050	.984	.005 - .010
1.008	.689	.050 - .060	1.020	.552	.134 - .156	1.025	.505	.005 - .020	1.032	.259	.062 - .090	1.045	.407	.030 - .050	1.051	.264	.090 - .110
1.008	.778	.015 - .030	1.020	.641	.005 - .010	1.025	.550	.005 - .012	1.032	.378	.010 - .020	1.045	.465	.005 - .010	1.051	.315	.008 - .015
1.008	.831	.030 - .040	1.020	.667	.010 - .020	1.025	.606	.048 - .062	1.032	.529	.100 - .125	1.045	.619	.010 - .020	1.051	.500	.010 - .020
1.008	.845	.050 - .070	1.020	.700	.005 - .008	1.025	.632	.010 - .020	1.032	.566	.010 - .020	1.045	.704	.030 - .050	1.051	.502	.015 - .030
1.009	.195	.025 - .042	1.020	.744	.010 - .020	1.025	.704	.032 - .042	1.032	.633	.080 - .100	1.045	.750	.005 - .032	1.051	.503	.015 - .025
1.009	.444	.060 - .080	1.020	.750	.040 - .060	1.025	.720	.035 - .050	1.032	.656	.100 - .125	1.045	.783	.015 - .030	1.051	.504	.005 - .010
1.009	.511	.030 - .050	1.020	.775	.050 - .070	1.025	.749	.005 - .035	1.032	.710	.010 - .020	1.045	.830	.005 - .010	1.051	.596	.005 - .010
1.010	.130	.060 - .070	1.020	.787	.030 - .048	1.025	.754	.040 - .060	1.032	.788	.020 - .030	1.045	.880	.025 - .040	1.051	.752	.110 - .130
1.010	.381	.050 - .070	1.020	.805	.060 - .075	1.025	.775	.010 - .020	1.032	.849	.070 - .090	1.045	.894	.050 - .060	1.051	.881	.060 - .080
1.010	.388	.005 - .010	1.020	.861	.025 - .048	1.025	.776	.020 - .040	1.032	.925	.015 - .030	1.046	.138	.005 - .010	1.051	.964	.005 - .010
1.010	.420	.040 - .060	1.020	.960	.015 - .030	1.025	.787	.030 - .050	1.032	.955	.020 - .040	1.046	.345	.070 - .090	1.051	.988	.005 - .010
1.010	.450	.005 - .010	1.020	.962	.005 - .020	1.025	.788	.010 - .020	1.033	.483	.080 - .100	1.046	.517	.035 - .050	1.052	.253	.010 - .020
1.010	.506	.005 - .010	1.021	.257	.050 - .075	1.025	.804	.040 - .050	1.033	.757	.005 - .010	1.046	.861	.010 - .020	1.052	.595	.005 - .010
1.010	.510	.015 - .030	1.021	.316	.040 - .060	1.025	.877	.010 - .020	1.033	.811	.050 - .075	1.046	.908	.005 - .010	1.052	.696	.040 - .060
1.010	.540	.015 - .030	1.021	.575	.005 - .010	1.025	.893	.020 - .040	1.033	.836	.015 - .030	1.046	.943	.020 - .035	1.052	.715	.005 - .010
1.010	.640	.050 - .060	1.021	.668	.015 - .020	1.025	.926	.020 - .040	1.033	.883	.015 - .030	1.047	.287	.005 - .010	1.052	.760	.105 - .125
1.010	.664	.025 - .040	1.021	.726	.005 - .010	1.026	.239	.005 - .010	1.033	.925	.032 - .050	1.047	.480	.005 - .010	1.052	.765	.060 - .070
1.010	.757	.015 - .025	1.021	.750	.025 - .040	1.026	.480	.030 - .050	1.034	.130	.005 - .015	1.047	.499	.006 - .015	1.052	.846	.040 - .060
1.011	.501	.015 - .030	1.021	.766	.015 - .030	1.026	.630	.060 - .080	1.034	.350	.020 - .040	1.047	.522	.005 - .010	1.052	.881	.050 - .075
1.012	.315	.030 - .040	1.021	.878	.020 - .030	1.026	.781	.040 - .060	1.034	.381	.075 - .090	1.047	.627	.070 - .090	1.053	.530	.075 - .090
1.012	.358	.010 - .020	1.021	.930	.015 - .030	1.026	.917	.005 - .010	1.034	.500	.070 - .09						

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.055	.501	.020 - .040	1.060	.672	.060 - .083	1.062	.817	.010 - .020	1.066	.535	.050 - .075	1.077	.767	.025 - .040	1.087	.740	.040 - .060
1.055	.758	.010 - .020	1.060	.688	.010 - .020	1.062	.833	.025 - .040	1.066	.632	.005 - .010	1.077	.830	.005 - .010	1.087	.848	.005 - .010
1.055	.786	.015 - .030	1.060	.702	.005 - .010	1.062	.839	.025 - .042	1.066	.634	.075 - .100	1.077	.870	.050 - .070	1.088	.194	.062 - .083
1.055	.791	.005 - .010	1.060	.726	.060 - .080	1.062	.860	.010 - .020	1.066	.664	.005 - .010	1.077	.907	.020 - .050	1.088	.214	.005 - .010
1.055	.856	.005 - .020	1.060	.741	.025 - .040	1.062	.876	.010 - .080	1.066	.725	.020 - .030	1.078	.232	.025 - .040	1.088	.306	.030 - .050
1.055	.865	.050 - .060	1.060	.752	.005 - .010	1.062	.877	.020 - .040	1.066	.728	.105 - .135	1.078	.278	.010 - .020	1.088	.541	.005 - .010
1.055	.880	.040 - .060	1.060	.760	.020 - .030	1.062	.930	.005 - .010	1.066	.766	.030 - .060	1.078	.392	.060 - .083	1.088	.840	.080 - .100
1.055	.884	.035 - .050	1.060	.772	.060 - .080	1.062	.962	.010 - .030	1.066	.873	.030 - .060	1.078	.456	.005 - .010	1.089	.460	.020 - .030
1.055	.942	.020 - .035	1.060	.794	.080 - .105	1.062	.963	.010 - .020	1.066	.874	.030 - .050	1.078	.523	.040 - .060	1.089	.687	.110 - .130
1.055	.949	.010 - .020	1.060	.819	.050 - .070	1.062	.985	.020 - .030	1.066	.967	.005 - .010	1.078	.574	.020 - .040	1.089	.843	.050 - .070
1.055	.953	.010 - .020	1.060	.853	.005 - .030	1.062	1.010	.005 - .010	1.067	.213	.030 - .050	1.078	.580	.040 - .060	1.089	.875	.042 - .060
1.055	.957	.010 - .020	1.060	.880	.048 - .072	1.062	1.025	.005 - .010	1.067	.354	.060 - .080	1.078	.593	.050 - .075	1.090	.120	.020 - .030
1.056	.205	.005 - .010	1.060	.881	.025 - .040	1.063	.142	.090 - .105	1.067	.440	.005 - .010	1.078	.616	.005 - .010	1.090	.245	.005 - .010
1.056	.634	.050 - .075	1.060	.882	.010 - .020	1.063	.190	.005 - .010	1.067	.515	.080 - .100	1.078	.635	.020 - .040	1.090	.314	.025 - .036
1.056	.659	.005 - .010	1.060	.883	.010 - .020	1.063	.204	.075 - .090	1.067	.535	.050 - .075	1.078	.644	.005 - .010	1.090	.329	.100 - .125
1.056	.676	.040 - .060	1.060	.888	.010 - .020	1.063	.315	.005 - .010	1.067	.664	.010 - .020	1.078	.687	.030 - .040	1.090	.340	.010 - .020
1.056	.719	.032 - .060	1.060	.896	.010 - .020	1.063	.317	.005 - .010	1.068	.205	.030 - .050	1.078	.749	.020 - .040	1.090	.355	.015 - .030
1.056	.726	.005 - .010	1.060	.905	.040 - .060	1.063	.321	.090 - .120	1.068	.254	.010 - .020	1.078	.781	.031 - .042	1.090	.433	.030 - .060
1.056	.841	.005 - .040	1.061	.128	.010 - .020	1.063	.329	.080 - .100	1.068	.300	.020 - .040	1.078	.830	.030 - .050	1.090	.438	.010 - .020
1.056	.875	.010 - .020	1.061	.267	.125 - .135	1.063	.343	.100 - .125	1.068	.341	.100 - .125	1.078	.840	.010 - .020	1.090	.500	.100 - .125
1.056	.877	.015 - .030	1.061	.316	.005 - .010	1.063	.394	.005 - .010	1.068	.636	.090 - .105	1.078	.870	.015 - .030	1.090	.502	.040 - .060
1.057	.350	.005 - .010	1.061	.386	.080 - .100	1.063	.437	.005 - .030	1.068	.750	.040 - .050	1.079	.114	.005 - .010	1.090	.505	.025 - .060
1.057	.838	.005 - .010	1.061	.442	.005 - .020	1.063	.442	.005 - .010	1.068	.813	.030 - .050	1.079	.257	.005 - .010	1.090	.534	.030 - .060
1.058	.251	.005 - .010	1.061	.500	.050 - .070	1.063	.472	.015 - .030	1.069	.153	.005 - .010	1.079	.509	.030 - .050	1.090	.595	.090 - .120
1.058	.428	.040 - .050	1.061	.505	.010 - .025	1.063	.492	.005 - .010	1.069	.390	.005 - .010	1.079	.567	.025 - .040	1.090	.772	.005 - .010
1.058	.501	.010 - .020	1.061	.510	.070 - .090	1.063	.500	.090 - .105	1.069	.600	.170 - .190	1.079	.587	.025 - .040	1.090	.932	.060 - .080
1.058	.520	.040 - .060	1.061	.531	.005 - .010	1.063	.503	.005 - .010	1.069	.936	.025 - .040	1.079	.760	.025 - .040	1.091	.625	.032 - .062
1.058	.532	.060 - .075	1.061	.533	.035 - .050	1.063	.506	.062 - .083	1.070	.255	.105 - .125	1.079	.933	.005 - .010	1.091	.655	.005 - .010
1.058	.583	.090 - .110	1.061	.562	.005 - .125	1.063	.540	.135 - .156	1.070	.266	.020 - .030	1.079	.955	.005 - .010	1.091	.850	.070 - .090
1.058	.601	.005 - .010	1.061	.574	.005 - .010	1.063	.545	.005 - .010	1.070	.318	.020 - .040	1.080	.088	.005 - .010	1.091	.991	.015 - .030
1.058	.626	.005 - .030	1.061	.657	.170 - .190	1.063	.563	.015 - .030	1.070	.320	.090 - .110	1.080	.276	.020 - .040	1.092	.070	.005 - .010
1.058	.628	.005 - .010	1.061	.750	.030 - .050	1.063	.573	.005 - .010	1.070	.619	.005 - .010	1.080	.320	.040 - .060	1.092	.239	.005 - .020
1.058	.640	.050 - .070	1.061	.783	.025 - .040	1.063	.578	.060 - .075	1.070	.755	.030 - .040	1.080	.328	.015 - .030	1.092	.433	.040 - .105
1.058	.676	.005 - .030	1.061	.922	.025 - .040	1.063	.579	.060 - .080	1.070	.794	.070 - .080	1.080	.505	.005 - .020	1.092	.615	.020 - .030
1.058	.688	.105 - .125	1.061	.943	.050 - .062	1.063	.611	.005 - .010	1.070	.906	.005 - .010	1.080	.571	.070 - .090	1.092	.695	.025 - .040
1.058	.735	.050 - .083	1.061	1.004	.010 - .020	1.063	.638	.050 - .070	1.070	.961	.020 - .035	1.080	.623	.020 - .040	1.092	.750	.015 - .025
1.058	.757	.030 - .050	1.062	.061	.015 - .020	1.063	.640	.080 - .100	1.071	.259	.040 - .062	1.080	.738	.060 - .080	1.092	.753	.048 - .070
1.058	.762	.075 - .100	1.062	.073	.020 - .040	1.063	.645	.025 - .040	1.071	.266	.010 - .030	1.080	.760	.020 - .040	1.092	.791	.010 - .020
1.058	.872	.050 - .070	1.062	.120	.010 - .020	1.063	.657	.040 - .062	1.071	.323	.015 - .030	1.080	.770	.050 - .075	1.092	.811	.005 - .010
1.058	.897	.060 - .080	1.062	.128	.048 - .062	1.063	.674	.005 - .010	1.071	.626	.005 - .010	1.080	.773	.030 - .060	1.092	.812	.015 - .030
1.059	.058	.010 - .020	1.062	.137	.080 - .100	1.063	.687	.040 - .060	1.071	.884	.015 - .030	1.080	.780	.005 - .010	1.093	.239	.012 - .020
1.059	.153	.015 - .030	1.062	.188	.020 - .040	1.063	.749	.005 - .010	1.072	.256	.005 - .010	1.080	.856	.020 - .035	1.093	.405	.030 - .060
1.059	.188	.040 - .060	1.062	.200	.042 - .062	1.063	.780	.050 - .070	1.072	.381	.005 - .010	1.080	.906	.005 - .010	1.093	.421	.050 - .070
1.059	.347	.060 - .070	1.062	.211	.050 - .083	1.063	.781	.060 - .080	1.072	.712	.005 - .010	1.080	.935	.005 - .010	1.093	.500	.050 - .075
1.059	.450	.090 - .120	1.062	.218	.020 - .035	1.063	.787	.050 - .070	1.072	.750	.075 - .100	1.080	.973	.030 - .050	1.093	.641	.015 - .030
1.059	.514	.015 - .030	1.062	.252	.030 - .040	1.063	.798	.030 - .050	1.072	1.001	.005 - .010	1.081	.341	.030 - .050	1.093	.681	.010 - .030
1.059	.582	.030 - .050	1.062	.259	.045 - .060	1.063	.883	.005 - .010	1.073	.347	.060 - .080	1.081	.793	.030 - .050	1.093	.830	.030 - .050
1.059	.596	.050 - .070	1.062	.262	.007 - .025	1.063	.889	.005 - .010	1.073	.474	.005 - .010	1.081	.797	.005 - .010	1.093	.871	.025 - .040
1.059	.634	.005 - .010	1.062	.318	.008 - .016	1.064	.470	.010 - .020	1.073	.510	.015 - .030	1.082	.702	.005 - .010	1.093	.876	.025 - .050
1.059	.750	.050 - .070	1.062	.328	.040 - .060	1.064	.512	.005 - .010	1.073	.546	.005 - .010	1.083	.253	.050 - .075	1.093	.878	.050 - .075
1.059	.768	.020 - .040	1.062	.378	.015 - .125	1.064	.563	.005 - .020	1.073	.572	.070 - .090	1.083	.475	.010 - .020	1.093	.883	.035 - .050
1.059	.890	.040 - .060	1.062	.436	.005 - .010	1.064	.594	.005 - .020	1.073	.656	.040 - .060	1.083	.670	.010 - .020	1.093	.957	.005 - .010
1.059	.965	.015 - .025	1.062	.440	.080 - .104	1.064	.687	.048 - .062	1.073	.672	.005 - .010	1.083	.890	.015 - .030	1.094	.313	.005 - .010
1.060	.150	.060 - .080	1.062	.454	.020 - .040	1.064	.712	.030 - .050	1.073	.890	.050 - .070	1.083	1.016	.020 - .030	1.094	.395	.040 - .060
1.060	.172	.010 - .020	1.062	.472	.005 - .010	1.064	.751	.010 - .020	1.074	.680	.135 - .156	1.084	.631	.080 - .100	1.094	.559	.020 - .030
1.060	.180	.030 - .050	1.062	.480	.015 - .030	1.064	.762	.005 - .010	1.074	.720	.020 - .040	1.084	.645	.025 - .040	1.094	.668	.080 - .100
1.060	.210	.010 - .020	1.062	.484	.032 - .060	1.064	.790	.005 - .010	1.074	.971	.015 - .025	1.084	.721	.050 - .070	1.094	.782	.025 - .040
1.060	.258	.025 - .035	1.062	.515	.005 - .010	1.064	.822	.040 - .062	1.075	.350	.005 - .010	1.084	.725	.040 - .060	1.094	.846	.030 - .050
1.060	.283	.156 - .187	1.062	.521	.005 - .010	1.064	.847	.060 - .070	1.075	.525	.100 - .120	1.084	.728	.040 - .050	1.094	.885	.030 - .040
1.060	.284	.040 - .062	1.062	.531	.100 - .125	1.064	.865	.010 - .020	1.075	.689	.075 - .100	1.084	.765	.040 - .060	1.094	.900	.005 - .010
1.060	.318	.005 - .010	1.062	.537	.005 - .105	1.064	.945	.030 - .040	1.075	.694	.050 - .060	1.084	.800	.015 - .030	1.094	.993	.020 - .030
1.060	.341	.010 - .020	1.062	.564	.062 - .090	1.064	.951	.015 - .030	1.075	.804	.005 - .010	1.084	.848	.005 - .010	1.095	.375	.025 - .080
1.060	.378	.105 - .135	1.062	.580	.005 - .010	1.065	.165	.025 - .040	1.075	.810	.005 - .010	1.084	.871	.005 - .010	1.095	.405	.025 - .048
1.060	.394	.100 - .125	1.062	.625	.020 - .030	1.065	.395	.062 - .083	1.075	.814	.00						

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.096	.577	.015 - .030	1.100	.515	.100 - .125	1.102	.401	.005 - .010	1.107	.983	.010 - .020	1.114	.186	.005 - .010	1.120	.100	.050 - .074
1.096	.675	.005 - .015	1.100	.525	.010 - .020	1.102	.473	.005 - .010	1.108	.407	.050 - .070	1.114	.209	.005 - .010	1.120	.132	.015 - .025
1.096	.690	.030 - .050	1.100	.560	.005 - .010	1.102	.474	.005 - .010	1.108	.525	.005 - .015	1.114	.312	.090 - .125	1.120	.158	.005 - .012
1.096	.754	.005 - .010	1.100	.562	.040 - .060	1.102	.476	.005 - .020	1.108	.563	.005 - .010	1.114	.436	.150 - .180	1.120	.160	.030 - .042
1.096	.803	.010 - .020	1.100	.563	.015 - .035	1.102	.477	.005 - .010	1.108	.636	.050 - .070	1.114	.551	.170 - .180	1.120	.220	.104 - .134
1.096	.872	.005 - .020	1.100	.566	.005 - .010	1.102	.511	.160 - .190	1.108	.714	.060 - .075	1.114	.665	.010 - .020	1.120	.255	.100 - .125
1.096	.922	.025 - .040	1.100	.578	.080 - .090	1.102	.541	.015 - .030	1.108	.778	.030 - .050	1.114	.749	.005 - .010	1.120	.313	.062 - .075
1.096	.935	.050 - .070	1.100	.607	.075 - .100	1.102	.564	.100 - .120	1.108	.786	.015 - .030	1.115	.204	.005 - .010	1.120	.359	.090 - .110
1.096	.937	.032 - .060	1.100	.626	.005 - .020	1.102	.590	.090 - .105	1.108	.801	.030 - .040	1.115	.224	.005 - .010	1.120	.380	.025 - .040
1.097	.079	.005 - .010	1.100	.627	.005 - .010	1.102	.598	.030 - .050	1.108	.832	.005 - .010	1.115	.256	.015 - .030	1.120	.390	.020 - .125
1.097	.598	.170 - .190	1.100	.629	.010 - .020	1.102	.632	.005 - .020	1.108	.844	.050 - .070	1.115	.500	.075 - .090	1.120	.391	.005 - .075
1.097	.627	.070 - .090	1.100	.630	.005 - .015	1.102	.666	.040 - .060	1.109	.318	.010 - .020	1.115	.642	.005 - .010	1.120	.420	.040 - .060
1.097	.638	.030 - .050	1.100	.632	.010 - .075	1.102	.667	.040 - .060	1.109	.488	.005 - .010	1.115	.644	.015 - .030	1.120	.439	.050 - .075
1.097	.782	.005 - .010	1.100	.635	.005 - .010	1.102	.670	.030 - .050	1.109	.504	.030 - .050	1.115	.645	.005 - .010	1.120	.450	.100 - .125
1.097	.797	.005 - .010	1.100	.641	.135 - .156	1.102	.689	.050 - .070	1.109	.506	.025 - .040	1.115	.663	.005 - .010	1.120	.472	.100 - .125
1.097	.830	.025 - .040	1.100	.643	.050 - .070	1.102	.766	.005 - .010	1.109	.556	.020 - .030	1.115	.664	.005 - .010	1.120	.496	.040 - .060
1.097	.872	.050 - .070	1.100	.672	.015 - .035	1.102	.771	.040 - .060	1.109	.830	.005 - .010	1.115	.700	.030 - .050	1.120	.500	.060 - .080
1.097	.873	.005 - .010	1.100	.675	.070 - .090	1.102	.787	.060 - .080	1.109	.835	.010 - .020	1.115	.760	.005 - .010	1.120	.507	.008 - .016
1.097	.883	.005 - .010	1.100	.693	.005 - .010	1.102	.827	.010 - .020	1.109	.917	.040 - .050	1.115	.780	.050 - .070	1.120	.512	.005 - .015
1.097	.900	.030 - .050	1.100	.695	.030 - .040	1.102	.835	.020 - .040	1.110	.094	.005 - .010	1.115	.807	.005 - .010	1.120	.522	.100 - .125
1.097	.901	.040 - .060	1.100	.696	.020 - .040	1.102	.849	.070 - .090	1.110	.097	.045 - .060	1.115	.818	.100 - .125	1.120	.573	.005 - .050
1.097	.949	.050 - .060	1.100	.700	.040 - .060	1.102	.854	.005 - .010	1.110	.228	.030 - .042	1.115	.875	.030 - .050	1.120	.578	.040 - .060
1.097	1.003	.010 - .030	1.100	.716	.005 - .020	1.102	.866	.050 - .060	1.110	.238	.018 - .038	1.115	.876	.050 - .075	1.120	.591	.050 - .060
1.098	.220	.005 - .010	1.100	.718	.105 - .135	1.102	.948	.005 - .010	1.110	.282	.015 - .030	1.115	.930	.030 - .040	1.120	.601	.060 - .080
1.098	.375	.070 - .090	1.100	.751	.005 - .010	1.103	.316	.005 - .010	1.110	.326	.050 - .070	1.116	.163	.010 - .030	1.120	.603	.010 - .050
1.098	.377	.010 - .020	1.100	.755	.010 - .020	1.103	.395	.005 - .020	1.110	.467	.020 - .040	1.116	.381	.020 - .030	1.120	.620	.120 - .156
1.098	.396	.120 - .140	1.100	.765	.030 - .050	1.103	.396	.080 - .100	1.110	.517	.005 - .010	1.116	.547	.050 - .075	1.120	.625	.010 - .020
1.098	.420	.005 - .010	1.100	.770	.010 - .020	1.103	.397	.010 - .020	1.110	.607	.080 - .105	1.116	.688	.005 - .010	1.120	.628	.005 - .010
1.098	.504	.010 - .020	1.100	.775	.032 - .042	1.103	.398	.005 - .020	1.110	.626	.005 - .010	1.116	.757	.010 - .020	1.120	.640	.016 - .025
1.098	.597	.030 - .040	1.100	.781	.040 - .060	1.103	.473	.005 - .010	1.110	.684	.060 - .080	1.116	.782	.010 - .015	1.120	.644	.100 - .125
1.098	.600	.005 - .010	1.100	.782	.020 - .040	1.103	.502	.010 - .020	1.110	.690	.030 - .050	1.116	.786	.005 - .010	1.120	.646	.030 - .050
1.098	.660	.105 - .125	1.100	.794	.005 - .080	1.103	.554	.005 - .010	1.110	.700	.100 - .120	1.116	.809	.030 - .060	1.120	.668	.090 - .120
1.098	.671	.005 - .010	1.100	.797	.015 - .035	1.103	.560	.015 - .030	1.110	.710	.005 - .010	1.116	.816	.005 - .016	1.120	.669	.015 - .025
1.098	.752	.120 - .140	1.100	.827	.125 - .135	1.103	.632	.075 - .095	1.110	.725	.030 - .040	1.116	.862	.015 - .030	1.120	.688	.048 - .062
1.098	.754	.120 - .156	1.100	.858	.010 - .020	1.103	.638	.005 - .010	1.110	.760	.005 - .008	1.116	.868	.062 - .083	1.120	.746	.005 - .015
1.098	.761	.005 - .010	1.100	.863	.030 - .042	1.103	.692	.030 - .050	1.110	.780	.020 - .035	1.116	.879	.005 - .010	1.120	.750	.005 - .010
1.098	.846	.110 - .130	1.100	.875	.005 - .010	1.103	.801	.060 - .080	1.110	.805	.015 - .030	1.116	.883	.016 - .025	1.120	.753	.030 - .050
1.098	.929	.005 - .010	1.100	.877	.025 - .040	1.103	.811	.005 - .010	1.110	.834	.080 - .105	1.116	1.002	.005 - .010	1.120	.755	.175 - .200
1.098	.939	.005 - .010	1.100	.882	.030 - .040	1.103	.820	.015 - .030	1.110	.835	.005 - .010	1.117	.159	.105 - .125	1.120	.760	.015 - .032
1.099	.253	.005 - .010	1.100	.889	.015 - .030	1.103	.827	.020 - .040	1.110	.868	.005 - .010	1.117	.340	.005 - .015	1.120	.761	.060 - .080
1.099	.318	.005 - .010	1.100	.905	.040 - .060	1.103	.845	.060 - .080	1.110	.875	.050 - .075	1.117	.372	.050 - .075	1.120	.765	.005 - .012
1.099	.377	.005 - .010	1.100	.926	.010 - .020	1.103	.857	.010 - .020	1.110	.880	.042 - .130	1.117	.392	.050 - .070	1.120	.779	.025 - .042
1.099	.378	.010 - .015	1.100	.941	.015 - .050	1.103	.886	.010 - .020	1.110	.893	.083 - .105	1.117	.410	.156 - .187	1.120	.780	.100 - .125
1.099	.436	.020 - .040	1.100	.952	.010 - .020	1.103	.947	.015 - .030	1.110	.940	.005 - .010	1.117	.566	.025 - .040	1.120	.800	.040 - .050
1.099	.440	.005 - .010	1.100	.961	.005 - .010	1.104	.097	.060 - .090	1.110	.965	.042 - .062	1.117	.620	.100 - .125	1.120	.811	.030 - .050
1.099	.500	.005 - .010	1.100	.965	.030 - .050	1.104	.396	.060 - .070	1.110	1.006	.010 - .020	1.117	.750	.100 - .125	1.120	.816	.060 - .080
1.099	.508	.005 - .020	1.100	.987	.005 - .035	1.104	.496	.005 - .010	1.110	1.011	.005 - .010	1.117	.756	.050 - .060	1.120	.832	.015 - .030
1.099	.555	.010 - .020	1.100	.992	.030 - .050	1.104	.552	.110 - .130	1.111	.391	.050 - .070	1.117	.758	.135 - .156	1.120	.870	.040 - .060
1.099	.558	.010 - .020	1.100	.994	.030 - .050	1.104	.633	.110 - .130	1.111	.556	.040 - .060	1.117	.760	.020 - .040	1.120	.880	.020 - .030
1.099	.633	.020 - .030	1.100	1.000	.005 - .010	1.104	.670	.080 - .105	1.111	.567	.105 - .125	1.117	.813	.062 - .083	1.120	.882	.060 - .083
1.099	.650	.110 - .130	1.100	1.007	.010 - .020	1.104	.752	.050 - .075	1.111	.711	.020 - .030	1.117	.889	.010 - .020	1.120	.890	.060 - .090
1.099	.788	.010 - .050	1.100	1.010	.005 - .020	1.104	.826	.005 - .010	1.111	.751	.005 - .010	1.117	.896	.015 - .030	1.120	.920	.010 - .020
1.099	.816	.015 - .025	1.101	.075	.005 - .010	1.104	.945	.010 - .020	1.111	.775	.100 - .125	1.117	.929	.042 - .062	1.120	.945	.015 - .030
1.099	.840	.015 - .025	1.101	.255	.110 - .130	1.105	.126	.005 - .010	1.112	.246	.060 - .090	1.117	.930	.050 - .075	1.120	.997	.005 - .010
1.099	.902	.010 - .030	1.101	.275	.060 - .070	1.105	.252	.060 - .078	1.112	.288	.070 - .090	1.117	.954	.060 - .080	1.120	1.020	.005 - .010
1.100	.128	.005 - .010	1.101	.316	.020 - .030	1.105	.360	.100 - .134	1.112	.312	.060 - .090	1.117	1.010	.030 - .050	1.121	.160	.010 - .020
1.100	.162	.030 - .042	1.101	.317	.005 - .010	1.105	.496	.030 - .050	1.112	.313	.080 - .100	1.118	.138	.090 - .110	1.121	.260	.005 - .010
1.100	.253	.005 - .010	1.101	.354	.005 - .010	1.105	.592	.030 - .050	1.112	.413	.070 - .090	1.118	.506	.060 - .075	1.121	.275	.060 - .070
1.100	.312	.010 - .020	1.101	.356	.015 - .030	1.105	.631	.020 - .040	1.112	.421	.025 - .040	1.118	.679	.025 - .040	1.121	.344	.005 - .010
1.100	.316	.005 - .010	1.101	.444	.010 - .020	1.105	.635	.010 - .020	1.112	.478	.050 - .075	1.118	.754	.010 - .020	1.121	.386	.050 - .070
1.100	.346	.050 - .070	1.101	.473	.005 - .010	1.105	.640	.010 - .020	1.112	.500	.060 - .090	1.118	.768	.005 - .010	1.121	.472	.030 - .040
1.100	.354	.070 - .090	1.101	.502	.010 - .020	1.105	.703	.080 - .090	1.112	.538	.070 - .090	1.118	.802	.005 - .010	1.121	.491	.080 - .100
1.100	.377	.010 - .020	1.101	.505	.015 - .025	1.105	.749	.030 - .070	1.112	.562	.015 - .030	1.118	.823	.110 - .130	1.121	.511	.050 - .070
1.100	.378	.015 - .030	1.101	.630	.020 - .040	1.105	.756	.030 - .050	1.112								

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.122	.329	.030 - .040	1.124	.663	.015 - .030	1.125	.525	.120 - .135	1.126	.639	.005 - .010	1.133	.971	.005 - .010	1.142	.751	.005 - .020
1.122	.383	.030 - .050	1.124	.687	.040 - .060	1.125	.530	.006 - .012	1.126	.677	.015 - .025	1.134	.530	.030 - .050	1.142	.753	.090 - .110
1.122	.441	.010 - .020	1.124	.693	.005 - .010	1.125	.532	.156 - .187	1.126	.728	.030 - .050	1.134	.545	.015 - .030	1.142	.790	.005 - .010
1.122	.442	.007 - .016	1.124	.704	.025 - .040	1.125	.535	.020 - .040	1.126	.755	.040 - .060	1.134	.555	.010 - .020	1.142	.826	.080 - .104
1.122	.468	.015 - .030	1.124	.716	.005 - .010	1.125	.546	.060 - .080	1.126	.781	.010 - .020	1.134	.791	.050 - .070	1.142	.945	.040 - .080
1.122	.505	.030 - .125	1.124	.750	.005 - .010	1.125	.563	.005 - .010	1.126	.851	.005 - .125	1.134	.904	.040 - .060	1.143	.187	.060 - .075
1.122	.510	.090 - .105	1.124	.753	.110 - .130	1.125	.564	.080 - .104	1.126	.880	.005 - .010	1.135	.201	.050 - .060	1.143	.206	.040 - .060
1.122	.531	.125 - .156	1.124	.755	.110 - .130	1.125	.566	.005 - .010	1.126	.938	.015 - .025	1.135	.375	.010 - .020	1.143	.250	.060 - .075
1.122	.595	.015 - .030	1.124	.789	.015 - .030	1.125	.570	.060 - .080	1.126	.990	.005 - .010	1.135	.376	.015 - .030	1.143	.313	.060 - .075
1.122	.627	.020 - .040	1.124	.794	.020 - .030	1.125	.571	.100 - .125	1.127	.063	.020 - .035	1.135	.483	.005 - .050	1.143	.314	.062 - .080
1.122	.629	.050 - .070	1.124	.860	.104 - .125	1.125	.573	.100 - .125	1.127	.125	.020 - .040	1.135	.507	.090 - .120	1.143	.375	.060 - .075
1.122	.750	.005 - .015	1.124	.870	.020 - .030	1.125	.590	.100 - .125	1.127	.159	.025 - .042	1.135	.770	.020 - .040	1.143	.376	.020 - .035
1.122	.755	.050 - .070	1.124	.879	.005 - .010	1.125	.594	.050 - .075	1.127	.237	.025 - .042	1.135	.775	.040 - .060	1.143	.504	.005 - .020
1.122	.758	.010 - .020	1.124	.891	.030 - .060	1.125	.609	.040 - .060	1.127	.253	.075 - .090	1.135	.812	.100 - .125	1.143	.651	.140 - .160
1.122	.771	.020 - .040	1.124	.905	.005 - .010	1.125	.625	.005 - .010	1.127	.267	.048 - .062	1.136	.946	.030 - .050	1.143	.739	.005 - .010
1.122	.877	.050 - .070	1.124	.914	.060 - .080	1.125	.626	.020 - .105	1.127	.375	.020 - .030	1.136	.961	.060 - .075	1.143	.812	.100 - .120
1.122	.889	.020 - .035	1.124	.916	.005 - .010	1.125	.628	.090 - .125	1.127	.410	.100 - .125	1.137	.253	.125 - .135	1.143	.848	.015 - .040
1.122	.890	.005 - .010	1.124	.961	.040 - .060	1.125	.630	.020 - .040	1.127	.438	.005 - .010	1.137	.693	.005 - .010	1.143	.916	.005 - .010
1.122	.891	.005 - .010	1.124	.967	.005 - .010	1.125	.632	.090 - .105	1.127	.507	.005 - .010	1.137	.814	.040 - .060	1.143	.952	.050 - .070
1.122	.893	.015 - .030	1.124	1.087	.005 - .010	1.125	.638	.010 - .020	1.127	.521	.025 - .042	1.137	.907	.030 - .050	1.145	.210	.005 - .010
1.122	1.002	.015 - .025	1.125	.080	.050 - .075	1.125	.640	.156 - .187	1.127	.531	.060 - .083	1.137	.953	.030 - .050	1.145	.355	.135 - .156
1.122	1.024	.015 - .025	1.125	.125	.040 - .060	1.125	.645	.100 - .125	1.127	.626	.005 - .080	1.138	.126	.025 - .040	1.145	.856	.005 - .010
1.123	.208	.008 - .016	1.125	.131	.010 - .025	1.125	.654	.050 - .075	1.127	.643	.015 - .025	1.138	.568	.070 - .090	1.145	.896	.030 - .060
1.123	.314	.050 - .075	1.125	.155	.060 - .083	1.125	.656	.036 - .125	1.127	.695	.012 - .018	1.138	.570	.025 - .040	1.145	1.006	.030 - .050
1.123	.344	.005 - .010	1.125	.156	.025 - .040	1.125	.669	.010 - .020	1.127	.773	.075 - .090	1.138	.692	.156 - .190	1.146	.289	.015 - .030
1.123	.385	.005 - .010	1.125	.162	.015 - .030	1.125	.685	.008 - .016	1.127	.885	.080 - .100	1.138	.738	.025 - .050	1.146	1.000	.005 - .010
1.123	.399	.010 - .020	1.125	.169	.042 - .062	1.125	.687	.090 - .105	1.127	.931	.050 - .070	1.138	.781	.062 - .083	1.146	1.010	.005 - .020
1.123	.405	.080 - .105	1.125	.172	.125 - .135	1.125	.688	.040 - .060	1.127	.937	.050 - .070	1.138	.813	.050 - .070	1.146	1.035	.010 - .020
1.123	.409	.156 - .187	1.125	.177	.025 - .040	1.125	.702	.050 - .075	1.127	.997	.005 - .010	1.138	.872	.090 - .110	1.147	.316	.050 - .070
1.123	.417	.020 - .030	1.125	.189	.090 - .125	1.125	.711	.070 - .080	1.127	1.018	.005 - .020	1.138	.912	.060 - .075	1.147	.775	.070 - .090
1.123	.501	.005 - .010	1.125	.202	.090 - .120	1.125	.715	.025 - .040	1.128	.314	.075 - .090	1.138	.952	.030 - .050	1.148	.221	.070 - .090
1.123	.503	.010 - .110	1.125	.203	.040 - .125	1.125	.718	.075 - .100	1.128	.347	.156 - .187	1.138	.979	.030 - .050	1.148	.251	.105 - .135
1.123	.516	.125 - .156	1.125	.206	.015 - .040	1.125	.719	.040 - .060	1.128	.358	.156 - .187	1.138	1.042	.030 - .050	1.148	.630	.020 - .030
1.123	.524	.005 - .010	1.125	.255	.005 - .060	1.125	.741	.020 - .040	1.128	.366	.048 - .062	1.139	.320	.005 - .010	1.148	.809	.005 - .010
1.123	.528	.080 - .100	1.125	.260	.048 - .125	1.125	.745	.100 - .125	1.128	.747	.005 - .010	1.139	.778	.015 - .030	1.148	.941	.020 - .030
1.123	.534	.156 - .187	1.125	.267	.100 - .125	1.125	.749	.105 - .135	1.128	.749	.025 - .040	1.140	.058	.005 - .010	1.149	.187	.030 - .050
1.123	.632	.090 - .110	1.125	.268	.005 - .010	1.125	.750	.015 - .042	1.128	.751	.005 - .010	1.140	.134	.060 - .075	1.149	.313	.090 - .110
1.123	.636	.005 - .010	1.125	.283	.062 - .083	1.125	.751	.010 - .020	1.128	.877	.010 - .020	1.140	.195	.060 - .075	1.149	.383	.010 - .015
1.123	.691	.125 - .156	1.125	.289	.060 - .083	1.125	.753	.015 - .030	1.128	.889	.050 - .070	1.140	.210	.060 - .075	1.149	.632	.060 - .080
1.123	.696	.040 - .060	1.125	.296	.020 - .040	1.125	.754	.005 - .010	1.129	.474	.090 - .110	1.140	.260	.060 - .075	1.149	.851	.005 - .010
1.123	.703	.040 - .060	1.125	.298	.060 - .090	1.125	.755	.005 - .010	1.129	.500	.080 - .105	1.140	.318	.005 - .010	1.149	.943	.030 - .050
1.123	.750	.005 - .010	1.125	.313	.020 - .040	1.125	.760	.050 - .090	1.129	.503	.090 - .105	1.140	.320	.060 - .075	1.149	.999	.040 - .060
1.123	.765	.020 - .040	1.125	.314	.008 - .015	1.125	.768	.048 - .062	1.129	.506	.050 - .070	1.140	.357	.020 - .040	1.150	.125	.062 - .083
1.123	.770	.005 - .010	1.125	.317	.083 - .120	1.125	.781	.050 - .070	1.129	.620	.100 - .125	1.140	.383	.060 - .075	1.150	.186	.062 - .083
1.123	.784	.040 - .060	1.125	.318	.005 - .010	1.125	.795	.010 - .050	1.129	.705	.105 - .135	1.140	.470	.005 - .010	1.150	.187	.030 - .050
1.123	.807	.005 - .010	1.125	.321	.005 - .020	1.125	.796	.050 - .062	1.129	.804	.060 - .080	1.140	.570	.010 - .125	1.150	.203	.062 - .083
1.123	.815	.030 - .060	1.125	.327	.062 - .090	1.125	.802	.134 - .156	1.129	.957	.005 - .010	1.140	.627	.020 - .040	1.150	.250	.062 - .083
1.123	.853	.005 - .010	1.125	.338	.020 - .030	1.125	.812	.080 - .100	1.130	.163	.005 - .010	1.140	.629	.020 - .040	1.150	.252	.005 - .010
1.123	.880	.030 - .050	1.125	.344	.062 - .083	1.125	.813	.010 - .020	1.130	.171	.050 - .070	1.140	.642	.030 - .060	1.150	.313	.062 - .083
1.123	.884	.090 - .105	1.125	.362	.105 - .134	1.125	.815	.005 - .010	1.130	.200	.060 - .070	1.140	.657	.005 - .020	1.150	.375	.020 - .083
1.123	.890	.080 - .090	1.125	.373	.042 - .062	1.125	.823	.005 - .010	1.130	.302	.020 - .040	1.140	.690	.020 - .040	1.150	.376	.010 - .020
1.123	.893	.020 - .030	1.125	.375	.125 - .156	1.125	.840	.105 - .125	1.130	.340	.170 - .190	1.140	.722	.005 - .010	1.150	.377	.005 - .010
1.123	.908	.005 - .030	1.125	.376	.125 - .156	1.125	.845	.005 - .050	1.130	.376	.005 - .010	1.140	.723	.005 - .010	1.150	.377	.015 - .030
1.123	.966	.015 - .025	1.125	.378	.005 - .090	1.125	.848	.062 - .083	1.130	.410	.060 - .080	1.140	.742	.005 - .010	1.150	.381	.005 - .020
1.123	.999	.040 - .060	1.125	.380	.050 - .075	1.125	.858	.015 - .030	1.130	.500	.040 - .060	1.140	.753	.010 - .020	1.150	.382	.020 - .030
1.123	1.013	.005 - .040	1.125	.383	.005 - .012	1.125	.872	.100 - .125	1.130	.506	.100 - .125	1.140	.780	.005 - .010	1.150	.383	.105 - .125
1.123	1.072	.005 - .010	1.125	.390	.005 - .070	1.125	.875	.032 - .060	1.130	.589	.030 - .050	1.140	.809	.005 - .010	1.150	.450	.005 - .010
1.124	.188	.100 - .125	1.125	.391	.100 - .125	1.125	.878	.005 - .010	1.130	.751	.080 - .105	1.140	.812	.031 - .042	1.150	.503	.005 - .020
1.124	.199	.010 - .020	1.125	.406	.042 - .075	1.125	.880	.010 - .020	1.130	.759	.005 - .010	1.140	.865	.015 - .030	1.150	.505	.005 - .010
1.124	.251	.010 - .020	1.125	.407	.020 - .030	1.125	.900	.040 - .060	1.130	.791	.050 - .070	1.140	.936	.005 - .010	1.150	.553	.005 - .010
1.124	.265	.005 - .010	1.125	.408	.100 - .125	1.125	.908	.070 - .090	1.130	.800	.005 - .010	1.140	.950	.005 - .015	1.150	.628	.005 - .010
1.124	.273	.005 - .010	1.125	.410	.100 - .125	1.125	.920	.050 - .075	1.130	.821	.005 - .010	1.140	.961	.005 - .010	1.150	.630	.005 - .062
1.124	.317	.050 - .090	1.125	.420	.040 - .060	1.125	.935	.005 - .008	1.130	.855	.062 - .083	1.140	.970	.025 - .050	1.150	.633	.005 - .010
1.124	.319	.020 - .040	1.125	.421	.008 - .015	1.125	.938	.015 - .030	1.130								

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.151	.633	.010 - .020	1.160	.655	.100 - .125	1.170	.860	.020 - .040	1.176	.682	.005 - .010	1.180	.671	.150 - .170	1.182	.960	.005 - .010
1.151	.700	.005 - .010	1.160	.710	.030 - .050	1.170	.870	.010 - .020	1.176	.756	.030 - .050	1.180	.694	.080 - .104	1.182	.993	.005 - .010
1.151	.729	.005 - .010	1.160	.750	.042 - .062	1.170	.880	.030 - .050	1.176	.891	.110 - .130	1.180	.714	.120 - .135	1.183	.405	.010 - .020
1.151	.755	.010 - .020	1.160	.752	.030 - .048	1.170	.919	.025 - .040	1.177	.271	.005 - .015	1.180	.747	.030 - .050	1.183	.485	.110 - .130
1.151	.755	.062 - .120	1.160	.759	.030 - .050	1.170	.920	.005 - .010	1.177	.445	.005 - .030	1.180	.773	.015 - .030	1.183	.771	.060 - .080
1.151	.900	.010 - .020	1.160	.800	.050 - .062	1.170	.936	.010 - .025	1.177	.525	.010 - .020	1.180	.787	.010 - .020	1.183	.807	.006 - .015
1.151	1.046	.005 - .010	1.160	.829	.060 - .080	1.170	.985	.040 - .062	1.177	.759	.050 - .070	1.180	.788	.090 - .105	1.183	.810	.105 - .125
1.152	.305	.020 - .030	1.160	.889	.025 - .040	1.170	1.000	.020 - .032	1.177	.782	.005 - .010	1.180	.789	.010 - .050	1.183	.933	.070 - .090
1.152	.380	.005 - .010	1.160	.942	.050 - .075	1.170	1.002	.005 - .020	1.177	.790	.030 - .050	1.180	.793	.105 - .125	1.183	1.000	.040 - .060
1.152	.563	.040 - .060	1.160	.955	.030 - .060	1.171	.259	.010 - .015	1.177	.823	.093 - .125	1.180	.808	.020 - .040	1.184	.127	.060 - .083
1.152	.673	.120 - .135	1.160	.989	.032 - .050	1.171	.659	.025 - .040	1.177	.865	.062 - .090	1.180	.887	.060 - .080	1.184	.325	.050 - .060
1.152	.781	.090 - .105	1.161	.408	.005 - .030	1.171	.778	.040 - .060	1.177	.875	.025 - .040	1.180	.890	.010 - .020	1.184	.585	.010 - .020
1.152	1.048	.010 - .020	1.161	.681	.005 - .010	1.171	.853	.050 - .070	1.177	.878	.105 - .135	1.180	.895	.005 - .010	1.184	.626	.050 - .074
1.152	1.053	.010 - .020	1.161	.753	.060 - .080	1.171	.965	.070 - .090	1.177	.883	.105 - .120	1.180	.903	.005 - .010	1.184	.635	.062 - .083
1.153	.062	.025 - .042	1.161	.770	.010 - .020	1.171	1.005	.060 - .080	1.177	.893	.005 - .010	1.180	.947	.010 - .020	1.184	.730	.025 - .040
1.153	.626	.010 - .032	1.161	.794	.080 - .100	1.171	1.050	.005 - .010	1.177	.911	.050 - .070	1.180	.981	.005 - .010	1.184	.753	.005 - .010
1.153	.731	.100 - .125	1.161	.922	.040 - .060	1.171	1.105	.005 - .010	1.177	.928	.040 - .060	1.180	.995	.005 - .040	1.184	.807	.005 - .010
1.153	.843	.015 - .030	1.162	.443	.070 - .090	1.172	.190	.040 - .060	1.177	.936	.005 - .010	1.180	1.015	.040 - .060	1.184	.995	.005 - .010
1.154	.159	.030 - .060	1.162	.600	.075 - .100	1.172	.356	.090 - .110	1.177	.954	.060 - .080	1.180	1.029	.005 - .010	1.184	1.073	.005 - .010
1.154	.375	.100 - .125	1.162	.701	.040 - .060	1.172	.473	.120 - .135	1.177	.989	.070 - .090	1.181	.239	.005 - .010	1.185	.089	.060 - .090
1.154	.387	.005 - .008	1.162	.906	.060 - .080	1.172	.523	.005 - .010	1.177	.990	.025 - .040	1.181	.252	.005 - .010	1.185	.252	.040 - .060
1.154	.499	.050 - .075	1.162	.955	.040 - .060	1.172	.600	.050 - .187	1.177	.992	.005 - .010	1.181	.265	.030 - .050	1.185	.313	.100 - .125
1.154	.584	.030 - .060	1.163	.408	.010 - .020	1.172	.628	.040 - .060	1.177	1.000	.005 - .010	1.181	.326	.005 - .010	1.185	.315	.050 - .075
1.154	.609	.005 - .010	1.163	.419	.135 - .156	1.172	.632	.030 - .040	1.178	.380	.090 - .125	1.181	.335	.060 - .078	1.185	.328	.100 - .125
1.154	.710	.005 - .010	1.163	.480	.040 - .060	1.172	.694	.050 - .075	1.178	.395	.100 - .125	1.181	.379	.005 - .010	1.185	.365	.075 - .125
1.154	.787	.090 - .100	1.163	.800	.030 - .042	1.172	.800	.010 - .020	1.178	.442	.060 - .080	1.181	.394	.015 - .030	1.185	.375	.100 - .125
1.154	.803	.030 - .050	1.163	.846	.040 - .060	1.172	.816	.050 - .075	1.178	.631	.005 - .020	1.181	.395	.005 - .060	1.185	.435	.100 - .125
1.154	.856	.025 - .040	1.163	1.016	.010 - .020	1.172	.819	.005 - .010	1.178	.636	.005 - .010	1.181	.396	.080 - .100	1.185	.437	.060 - .080
1.154	.875	.010 - .020	1.164	.351	.005 - .010	1.172	.897	.030 - .050	1.178	.663	.090 - .110	1.181	.414	.090 - .105	1.185	.568	.005 - .010
1.154	.877	.005 - .010	1.164	.787	.083 - .120	1.172	.917	.080 - .090	1.178	.709	.005 - .010	1.181	.472	.010 - .020	1.185	.609	.030 - .040
1.154	.921	.020 - .040	1.164	.801	.060 - .080	1.172	.958	.050 - .062	1.178	.753	.015 - .030	1.181	.473	.005 - .010	1.185	.645	.010 - .040
1.154	1.033	.005 - .010	1.164	.802	.040 - .060	1.172	1.000	.050 - .075	1.178	.820	.005 - .010	1.181	.474	.005 - .010	1.185	.700	.005 - .015
1.155	.250	.040 - .060	1.164	.946	.031 - .048	1.173	.063	.015 - .025	1.178	1.041	.020 - .040	1.181	.477	.005 - .010	1.185	.709	.100 - .125
1.155	.266	.050 - .075	1.165	.315	.070 - .090	1.173	.412	.130 - .150	1.179	.170	.010 - .020	1.181	.482	.030 - .060	1.185	.753	.005 - .010
1.155	.437	.050 - .075	1.165	.735	.010 - .020	1.173	.413	.156 - .190	1.179	.381	.170 - .190	1.181	.512	.105 - .125	1.185	.755	.030 - .050
1.155	.501	.075 - .090	1.165	.781	.070 - .090	1.173	.600	.090 - .105	1.179	.473	.010 - .020	1.181	.518	.135 - .156	1.185	.768	.005 - .010
1.155	.510	.030 - .040	1.165	1.010	.005 - .015	1.173	.710	.005 - .010	1.179	.502	.005 - .010	1.181	.531	.010 - .020	1.185	.783	.050 - .125
1.155	.567	.020 - .040	1.165	1.065	.005 - .010	1.173	.722	.005 - .010	1.179	.569	.030 - .060	1.181	.552	.105 - .125	1.185	.875	.050 - .083
1.155	.594	.080 - .105	1.165	1.100	.005 - .010	1.173	.804	.030 - .050	1.179	.632	.010 - .020	1.181	.560	.100 - .125	1.185	.880	.012 - .025
1.155	.766	.020 - .030	1.165	1.122	.005 - .010	1.173	.851	.025 - .040	1.179	.641	.050 - .070	1.181	.577	.070 - .090	1.185	.908	.005 - .020
1.155	.775	.030 - .050	1.166	.375	.015 - .030	1.173	.891	.020 - .030	1.179	.648	.015 - .030	1.181	.607	.005 - .015	1.185	.940	.030 - .062
1.155	.787	.005 - .010	1.166	.689	.010 - .020	1.173	.940	.070 - .090	1.179	.687	.030 - .060	1.181	.627	.020 - .040	1.185	.973	.005 - .010
1.155	.823	.010 - .020	1.166	.957	.025 - .035	1.173	.998	.020 - .030	1.179	.721	.060 - .080	1.181	.628	.025 - .083	1.185	.990	.080 - .104
1.155	.967	.025 - .042	1.167	.990	.060 - .080	1.174	.207	.100 - .125	1.179	.829	.030 - .060	1.181	.640	.090 - .125	1.185	1.024	.040 - .060
1.156	.125	.005 - .010	1.168	.194	.020 - .030	1.174	.261	.125 - .156	1.179	.874	.005 - .010	1.181	.649	.160 - .190	1.185	1.048	.005 - .010
1.156	.188	.100 - .125	1.168	.229	.020 - .040	1.174	.419	.090 - .105	1.179	.875	.005 - .010	1.181	.669	.070 - .090	1.185	1.067	.015 - .030
1.156	.379	.040 - .060	1.168	.458	.005 - .010	1.174	.876	.030 - .050	1.179	.911	.040 - .062	1.181	.696	.010 - .020	1.186	.189	.105 - .125
1.156	.532	.025 - .040	1.168	.600	.135 - .156	1.174	.891	.060 - .080	1.179	.914	.035 - .050	1.181	.708	.005 - .010	1.186	.378	.156 - .190
1.156	.562	.010 - .020	1.168	.697	.025 - .040	1.174	.921	.020 - .040	1.179	.931	.040 - .060	1.181	.787	.135 - .160	1.186	.437	.010 - .100
1.156	.565	.100 - .130	1.168	.704	.135 - .156	1.174	.963	.015 - .030	1.179	.936	.040 - .060	1.181	.801	.005 - .010	1.186	.506	.060 - .090
1.156	.582	.050 - .075	1.168	.750	.005 - .010	1.175	.054	.020 - .040	1.179	.996	.040 - .060	1.181	.802	.025 - .040	1.186	.559	.090 - .125
1.156	.765	.105 - .135	1.168	.843	.005 - .010	1.175	.063	.020 - .032	1.179	1.015	.025 - .040	1.181	.829	.025 - .040	1.186	.685	.020 - .040
1.156	.794	.040 - .062	1.168	.922	.005 - .010	1.175	.260	.090 - .125	1.179	1.041	.020 - .040	1.181	.877	.040 - .060	1.186	.710	.020 - .040
1.156	.812	.005 - .012	1.168	.985	.005 - .020	1.175	.438	.015 - .030	1.180	.140	.016 - .032	1.181	.885	.040 - .050	1.186	.740	.040 - .060
1.156	.864	.005 - .010	1.168	.996	.005 - .015	1.175	.514	.020 - .035	1.180	.156	.060 - .080	1.181	.891	.060 - .070	1.186	.781	.005 - .010
1.156	.890	.050 - .070	1.168	1.000	.005 - .010	1.175	.625	.010 - .020	1.180	.238	.005 - .010	1.181	.943	.030 - .080	1.186	.826	.010 - .020
1.156	.893	.005 - .020	1.169	.126	.010 - .025	1.175	.715	.010 - .020	1.180	.239	.105 - .125	1.181	.945	.010 - .025	1.186	.852	.050 - .070
1.156	.906	.025 - .040	1.169	.390	.060 - .083	1.175	.716	.005 - .010	1.180	.251	.156 - .187	1.181	.950	.005 - .010	1.186	.975	.010 - .030
1.156	.911	.020 - .040	1.169	.410	.070 - .090	1.175	.726	.005 - .010	1.180	.315	.025 - .040	1.181	.965	.012 - .040	1.186	1.015	.025 - .040
1.156	.966	.005 - .010	1.169	.419	.090 - .125	1.175	.750	.005 - .010	1.180	.317	.090 - .110	1.181	1.000	.010 - .030	1.186	1.016	.030 - .050
1.156	.968	.010 - .030	1.169	.691	.090 - .110	1.175	.814	.020 - .040	1.180	.319	.005 - .010	1.181	1.020	.005 - .010	1.186	1.063	.015 - .030
1.157	.378	.050 - .070	1.169	.698	.030 - .050	1.175	.840	.005 - .010	1.180	.331	.140 - .160	1.182	.315	.005 - .010	1.187	.142	.005 - .030
1.157	.570	.020 - .040	1.169	.796	.020 - .040	1.175	.868	.005 - .010	1.180	.354	.010 - .020	1.182	.316	.010 - .020	1.187	.156	.050 - .062
1.157	.748	.015 - .030	1.169	.87													

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.187	.656	.048 - .062	1.190	.817	.048 - .062	1.199	.379	.020 - .040	1.202	.996	.025 - .040	1.218	1.076	.025 - .040	1.225	.375	.015 - .030
1.187	.660	.005 - .010	1.190	.830	.040 - .125	1.199	.503	.005 - .010	1.202	1.057	.010 - .020	1.219	.268	.060 - .080	1.225	.564	.010 - .020
1.187	.674	.090 - .120	1.190	.881	.025 - .040	1.199	.510	.005 - .030	1.202	1.065	.010 - .020	1.219	.270	.005 - .025	1.225	.640	.005 - .010
1.187	.686	.060 - .075	1.190	.890	.050 - .060	1.199	.550	.005 - .010	1.203	.138	.020 - .040	1.219	.281	.170 - .190	1.225	.826	.040 - .060
1.187	.687	.050 - .083	1.190	.918	.010 - .020	1.199	.562	.015 - .030	1.203	.353	.060 - .080	1.219	.315	.035 - .050	1.225	.947	.010 - .020
1.187	.688	.060 - .080	1.190	1.000	.030 - .040	1.199	.679	.005 - .010	1.203	.439	.050 - .075	1.219	.473	.005 - .010	1.226	.525	.015 - .030
1.187	.753	.050 - .060	1.190	1.125	.005 - .010	1.199	.735	.050 - .070	1.203	.502	.100 - .125	1.219	.515	.050 - .075	1.226	.750	.135 - .156
1.187	.755	.020 - .040	1.191	.341	.010 - .020	1.199	.737	.020 - .040	1.203	.627	.005 - .010	1.219	.534	.050 - .075	1.227	.381	.005 - .010
1.187	.757	.100 - .125	1.191	.459	.010 - .020	1.199	.830	.040 - .060	1.203	.793	.015 - .030	1.219	.552	.005 - .010	1.227	.647	.015 - .030
1.187	.765	.025 - .083	1.191	.460	.020 - .040	1.199	.985	.020 - .030	1.203	.822	.015 - .025	1.219	.595	.025 - .042	1.227	.777	.005 - .010
1.187	.812	.062 - .083	1.191	.560	.170 - .190	1.199	1.012	.015 - .030	1.203	.961	.015 - .030	1.219	.642	.005 - .010	1.227	.812	.005 - .010
1.187	.823	.032 - .120	1.191	.646	.005 - .010	1.199	1.050	.040 - .060	1.203	1.004	.030 - .050	1.219	.751	.010 - .020	1.227	.966	.010 - .020
1.187	.825	.005 - .010	1.191	.731	.030 - .050	1.199	1.053	.005 - .010	1.204	.757	.005 - .015	1.219	.801	.005 - .010	1.228	.661	.080 - .100
1.187	.874	.010 - .020	1.191	.882	.005 - .010	1.200	.086	.010 - .020	1.204	1.030	.005 - .010	1.219	.890	.020 - .040	1.228	.926	.010 - .020
1.187	.880	.010 - .020	1.191	.900	.070 - .090	1.200	.138	.050 - .070	1.205	.508	.040 - .060	1.219	.940	.040 - .060	1.228	1.012	.005 - .010
1.187	.881	.005 - .010	1.191	.934	.050 - .075	1.200	.168	.030 - .050	1.205	.870	.005 - .090	1.219	1.000	.020 - .075	1.229	.416	.005 - .010
1.187	.882	.010 - .025	1.192	.739	.030 - .050	1.200	.186	.020 - .040	1.205	.922	.015 - .030	1.220	.125	.015 - .030	1.229	.591	.040 - .060
1.187	.944	.005 - .010	1.192	.778	.040 - .060	1.200	.213	.040 - .060	1.206	.920	.025 - .040	1.220	.194	.075 - .100	1.229	.753	.020 - .040
1.187	.954	.005 - .010	1.192	1.004	.015 - .025	1.200	.220	.005 - .010	1.206	1.072	.005 - .010	1.220	.258	.050 - .070	1.229	.757	.025 - .070
1.187	1.017	.005 - .012	1.192	1.014	.020 - .040	1.200	.250	.080 - .100	1.207	.258	.050 - .070	1.220	.283	.015 - .030	1.229	.785	.032 - .050
1.187	1.025	.050 - .060	1.193	.088	.005 - .010	1.200	.314	.005 - .020	1.207	.381	.160 - .190	1.220	.315	.005 - .010	1.229	.861	.070 - .090
1.187	1.029	.005 - .010	1.193	.159	.005 - .010	1.200	.327	.010 - .020	1.207	.707	.005 - .010	1.220	.375	.090 - .100	1.229	.917	.025 - .042
1.187	1.031	.005 - .010	1.193	.282	.050 - .060	1.200	.350	.005 - .010	1.207	.974	.050 - .070	1.220	.394	.005 - .020	1.229	.919	.005 - .010
1.188	.094	.020 - .030	1.193	.445	.060 - .078	1.200	.376	.005 - .020	1.208	.259	.005 - .010	1.220	.455	.012 - .020	1.229	.920	.010 - .020
1.188	.128	.020 - .035	1.193	.640	.040 - .060	1.200	.377	.100 - .125	1.208	.390	.010 - .050	1.220	.476	.005 - .010	1.230	.145	.050 - .070
1.188	.195	.040 - .062	1.193	.940	.060 - .080	1.200	.378	.005 - .125	1.209	.893	.020 - .030	1.220	.480	.080 - .100	1.230	.176	.040 - .060
1.188	.240	.050 - .070	1.193	1.003	.010 - .020	1.200	.383	.090 - .125	1.210	.312	.015 - .030	1.220	.504	.005 - .125	1.230	.201	.125 - .156
1.188	.254	.050 - .070	1.194	.760	.050 - .070	1.200	.408	.050 - .070	1.210	.383	.050 - .075	1.220	.507	.110 - .134	1.230	.378	.060 - .080
1.188	.310	.050 - .070	1.194	.932	.030 - .050	1.200	.443	.005 - .020	1.210	.635	.005 - .010	1.220	.564	.010 - .020	1.230	.381	.042 - .062
1.188	.312	.005 - .010	1.194	1.002	.050 - .070	1.200	.500	.005 - .020	1.210	.674	.050 - .062	1.220	.602	.090 - .120	1.230	.501	.050 - .070
1.188	.326	.062 - .083	1.194	1.012	.005 - .010	1.200	.501	.005 - .020	1.210	.878	.005 - .020	1.220	.640	.100 - .125	1.230	.562	.110 - .130
1.188	.439	.060 - .080	1.194	1.014	.060 - .080	1.200	.502	.005 - .020	1.210	.958	.100 - .125	1.220	.657	.020 - .040	1.230	.612	.050 - .070
1.188	.508	.020 - .040	1.194	1.072	.005 - .010	1.200	.503	.005 - .020	1.210	1.038	.050 - .075	1.220	.672	.025 - .042	1.230	.680	.010 - .020
1.188	.515	.040 - .060	1.194	1.073	.005 - .010	1.200	.504	.005 - .030	1.210	1.140	.005 - .010	1.220	.680	.030 - .050	1.230	.761	.005 - .010
1.188	.530	.048 - .075	1.195	.057	.005 - .010	1.200	.508	.005 - .010	1.211	.201	.010 - .020	1.220	.699	.030 - .050	1.230	.766	.050 - .134
1.188	.563	.005 - .075	1.195	.252	.005 - .010	1.200	.508	.015 - .030	1.211	.403	.075 - .090	1.220	.799	.010 - .020	1.230	.890	.030 - .050
1.188	.621	.080 - .100	1.195	.312	.005 - .010	1.200	.520	.050 - .070	1.211	.751	.050 - .075	1.220	.809	.050 - .070	1.230	.911	.015 - .025
1.188	.623	.040 - .060	1.195	.379	.040 - .050	1.200	.562	.005 - .020	1.211	1.005	.005 - .010	1.220	.831	.060 - .083	1.230	.921	.025 - .040
1.188	.626	.105 - .125	1.195	.575	.120 - .135	1.200	.570	.080 - .100	1.211	1.035	.010 - .020	1.220	.844	.050 - .070	1.230	.925	.010 - .030
1.188	.656	.025 - .040	1.195	.641	.040 - .060	1.200	.600	.105 - .125	1.212	.994	.030 - .050	1.220	.875	.062 - .090	1.230	.981	.020 - .030
1.188	.688	.040 - .060	1.195	.692	.008 - .020	1.200	.626	.005 - .020	1.212	.997	.015 - .030	1.220	.960	.050 - .083	1.230	.985	.010 - .020
1.188	.720	.030 - .050	1.195	.730	.030 - .050	1.200	.629	.010 - .020	1.212	1.015	.020 - .040	1.220	1.004	.010 - .020	1.230	1.005	.030 - .050
1.188	.759	.156 - .187	1.195	.795	.050 - .070	1.200	.642	.015 - .030	1.212	1.016	.020 - .040	1.220	1.083	.005 - .010	1.230	1.053	.020 - .040
1.188	.763	.005 - .105	1.195	.865	.015 - .030	1.200	.650	.025 - .042	1.212	1.042	.070 - .090	1.220	1.090	.042 - .062	1.230	1.080	.005 - .010
1.188	.765	.070 - .090	1.195	.872	.005 - .010	1.200	.751	.030 - .050	1.213	.894	.005 - .020	1.220	1.116	.040 - .050	1.231	.625	.060 - .080
1.188	.799	.050 - .070	1.195	.912	.010 - .020	1.200	.755	.010 - .020	1.213	1.074	.015 - .025	1.221	.131	.015 - .030	1.231	.915	.010 - .020
1.188	.880	.005 - .160	1.195	.915	.005 - .010	1.200	.760	.020 - .040	1.214	.569	.050 - .070	1.221	.194	.020 - .040	1.231	1.048	.005 - .010
1.188	.920	.010 - .020	1.195	.964	.032 - .048	1.200	.761	.120 - .135	1.214	.860	.030 - .050	1.221	.257	.040 - .060	1.232	.185	.015 - .030
1.188	.922	.040 - .060	1.195	.980	.005 - .015	1.200	.786	.080 - .090	1.214	.879	.015 - .025	1.221	.867	.020 - .040	1.232	.500	.005 - .010
1.188	.940	.005 - .010	1.195	.983	.010 - .020	1.200	.796	.005 - .010	1.214	1.144	.010 - .020	1.221	.899	.025 - .040	1.232	.661	.040 - .060
1.188	1.000	.062 - .089	1.195	1.007	.060 - .080	1.200	.817	.080 - .105	1.215	.260	.040 - .060	1.221	.916	.005 - .010	1.232	.751	.005 - .010
1.188	1.001	.005 - .010	1.195	1.026	.010 - .030	1.200	.829	.005 - .010	1.215	.410	.010 - .020	1.221	.985	.074 - .090	1.232	.792	.120 - .130
1.188	1.010	.015 - .025	1.195	1.116	.010 - .020	1.200	.865	.135 - .156	1.215	.474	.005 - .010	1.221	.986	.020 - .040	1.233	1.027	.040 - .060
1.188	1.038	.025 - .040	1.195	1.120	.015 - .030	1.200	.900	.020 - .050	1.215	.753	.030 - .050	1.221	1.066	.005 - .010	1.233	1.028	.005 - .010
1.189	.140	.015 - .030	1.196	.081	.005 - .010	1.200	.935	.005 - .010	1.215	.875	.062 - .090	1.221	1.094	.010 - .020	1.233	1.065	.005 - .010
1.189	.309	.025 - .040	1.196	.264	.025 - .042	1.200	.952	.030 - .040	1.215	.906	.010 - .020	1.221	1.098	.035 - .050	1.233	1.131	.020 - .030
1.189	.346	.030 - .050	1.196	.378	.005 - .010	1.200	.955	.005 - .010	1.216	.377	.060 - .083	1.222	.194	.020 - .040	1.234	.087	.015 - .030
1.189	.380	.110 - .130	1.196	.859	.040 - .060	1.200	.990	.005 - .020	1.216	1.000	.005 - .010	1.222	.200	.110 - .120	1.234	.279	.005 - .010
1.189	.627	.160 - .190	1.196	1.013	.005 - .010	1.200	1.000	.005 - .060	1.216	1.029	.070 - .090	1.222	.691	.020 - .040	1.234	.392	.134 - .156
1.189	.751	.040 - .060	1.196	1.020	.020 - .030	1.200	1.010	.005 - .020	1.216	1.073	.005 - .010	1.222	.835	.020 - .050	1.234	.505	.070 - .090
1.189	.798	.005 - .010	1.197	.362	.005 - .010	1.200	1.011	.050 - .070	1.217	.701	.005 - .010	1.222	.877	.090 - .110	1.234	.849	.020 - .040
1.189	.828	.005 - .010	1.197	.376	.005 - .010	1.200	1.013	.015 - .030	1.217	.757	.005 - .010	1.222	1.015	.005 - .010	1.234	.906	.105 - .120
1.189	.999	.010 - .020	1.197	.500	.030 - .050	1.200	1.048	.005 - .010	1.217	.902	.005 - .015	1.222	1.063	.040 - .060	1.234	.950	.090

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.236	.413	.005 - .010	1.243	.491	.125 - .156	1.246	.952	.050 - .067	1.248	1.045	.015 - .030	1.250	.195	.090 - .135	1.250	.637	.005 - .010
1.236	.500	.005 - .010	1.243	.613	.005 - .010	1.246	1.035	.075 - .090	1.248	1.060	.005 - .015	1.250	.203	.016 - .125	1.250	.640	.030 - .080
1.236	.501	.090 - .110	1.243	.614	.005 - .010	1.246	1.046	.020 - .040	1.248	1.145	.040 - .060	1.250	.208	.005 - .010	1.250	.641	.100 - .125
1.236	.635	.005 - .010	1.243	.699	.005 - .010	1.246	1.060	.020 - .040	1.249	.140	.005 - .050	1.250	.213	.010 - .020	1.250	.646	.005 - .015
1.236	.644	.060 - .070	1.243	.855	.070 - .090	1.247	.064	.015 - .030	1.249	.188	.015 - .030	1.250	.217	.015 - .030	1.250	.647	.090 - .125
1.236	.812	.020 - .040	1.243	.965	.090 - .105	1.247	.125	.040 - .060	1.249	.203	.005 - .105	1.250	.227	.005 - .015	1.250	.650	.005 - .010
1.236	.967	.020 - .040	1.243	1.012	.005 - .010	1.247	.254	.060 - .080	1.249	.250	.030 - .050	1.250	.250	.020 - .030	1.250	.656	.070 - .187
1.236	1.122	.005 - .010	1.243	1.025	.030 - .040	1.247	.263	.050 - .075	1.249	.253	.005 - .010	1.250	.252	.012 - .125	1.250	.658	.005 - .010
1.237	.867	.030 - .050	1.243	1.037	.015 - .030	1.247	.354	.100 - .125	1.249	.318	.170 - .190	1.250	.254	.005 - .012	1.250	.660	.020 - .040
1.237	.930	.050 - .070	1.243	1.100	.042 - .060	1.247	.378	.005 - .010	1.249	.319	.036 - .060	1.250	.255	.005 - .010	1.250	.662	.105 - .125
1.238	.326	.040 - .060	1.244	.150	.015 - .030	1.247	.392	.005 - .010	1.249	.320	.105 - .125	1.250	.259	.005 - .010	1.250	.665	.030 - .040
1.238	.640	.070 - .090	1.244	.543	.005 - .010	1.247	.450	.020 - .030	1.249	.327	.015 - .030	1.250	.260	.040 - .060	1.250	.669	.005 - .010
1.238	.661	.020 - .030	1.244	.768	.060 - .125	1.247	.503	.030 - .050	1.249	.328	.090 - .125	1.250	.262	.050 - .075	1.250	.675	.015 - .030
1.238	.890	.070 - .090	1.244	.770	.020 - .083	1.247	.572	.030 - .048	1.249	.380	.105 - .125	1.250	.264	.010 - .020	1.250	.678	.005 - .010
1.239	.718	.005 - .010	1.244	.782	.070 - .090	1.247	.684	.110 - .120	1.249	.391	.042 - .060	1.250	.266	.120 - .134	1.250	.680	.105 - .125
1.239	.779	.020 - .030	1.244	.793	.005 - .010	1.247	.699	.005 - .010	1.249	.401	.100 - .125	1.250	.273	.005 - .010	1.250	.683	.010 - .020
1.239	.879	.062 - .083	1.244	.801	.025 - .040	1.247	.754	.050 - .070	1.249	.427	.020 - .040	1.250	.280	.062 - .083	1.250	.688	.090 - .125
1.239	.885	.020 - .030	1.244	.878	.105 - .135	1.247	.816	.005 - .050	1.249	.444	.036 - .060	1.250	.283	.060 - .083	1.250	.689	.010 - .040
1.239	.950	.010 - .020	1.244	.967	.080 - .100	1.247	.850	.070 - .090	1.249	.450	.005 - .010	1.250	.286	.050 - .075	1.250	.690	.005 - .010
1.239	.962	.020 - .060	1.244	1.000	.025 - .040	1.247	.874	.015 - .030	1.249	.455	.005 - .010	1.250	.295	.025 - .042	1.250	.701	.015 - .105
1.239	1.043	.015 - .030	1.244	1.018	.070 - .090	1.247	.937	.016 - .025	1.249	.495	.005 - .010	1.250	.298	.050 - .070	1.250	.707	.020 - .040
1.240	.065	.030 - .040	1.244	1.178	.005 - .010	1.247	.978	.050 - .070	1.249	.510	.070 - .090	1.250	.311	.020 - .040	1.250	.710	.050 - .070
1.240	.127	.090 - .105	1.245	.205	.005 - .075	1.247	.992	.062 - .083	1.249	.516	.030 - .050	1.250	.311	.050 - .062	1.250	.711	.005 - .010
1.240	.130	.040 - .060	1.245	.315	.156 - .187	1.247	1.011	.020 - .030	1.249	.532	.156 - .187	1.250	.312	.005 - .010	1.250	.715	.005 - .010
1.240	.163	.070 - .090	1.245	.340	.005 - .010	1.247	1.034	.035 - .050	1.249	.549	.005 - .010	1.250	.314	.105 - .125	1.250	.723	.050 - .080
1.240	.172	.010 - .020	1.245	.501	.100 - .125	1.248	.145	.050 - .075	1.249	.578	.060 - .070	1.250	.320	.005 - .010	1.250	.750	.012 - .125
1.240	.323	.062 - .083	1.245	.527	.005 - .010	1.248	.147	.030 - .040	1.249	.605	.005 - .010	1.250	.327	.020 - .030	1.250	.751	.180 - .188
1.240	.325	.060 - .083	1.245	.528	.050 - .070	1.248	.178	.100 - .125	1.249	.623	.040 - .060	1.250	.329	.070 - .090	1.250	.753	.040 - .060
1.240	.378	.005 - .020	1.245	.550	.015 - .035	1.248	.202	.050 - .070	1.249	.635	.005 - .010	1.250	.340	.005 - .010	1.250	.754	.032 - .042
1.240	.380	.030 - .048	1.245	.560	.005 - .010	1.248	.219	.040 - .060	1.249	.650	.020 - .030	1.250	.341	.020 - .040	1.250	.755	.010 - .020
1.240	.412	.005 - .010	1.245	.565	.050 - .083	1.248	.255	.005 - .010	1.249	.651	.020 - .040	1.250	.343	.080 - .100	1.250	.755	.070 - .090
1.240	.451	.015 - .030	1.245	.595	.080 - .100	1.248	.262	.005 - .010	1.249	.660	.020 - .040	1.250	.354	.005 - .010	1.250	.758	.070 - .125
1.240	.484	.070 - .090	1.245	.631	.015 - .025	1.248	.263	.050 - .075	1.249	.663	.060 - .080	1.250	.356	.015 - .030	1.250	.762	.005 - .070
1.240	.560	.075 - .105	1.245	.636	.050 - .070	1.248	.325	.030 - .050	1.249	.689	.050 - .075	1.250	.359	.060 - .090	1.250	.763	.005 - .010
1.240	.581	.010 - .020	1.245	.741	.015 - .025	1.248	.333	.050 - .070	1.249	.690	.080 - .100	1.250	.365	.020 - .062	1.250	.764	.040 - .060
1.240	.581	.030 - .050	1.245	.754	.050 - .075	1.248	.344	.042 - .060	1.249	.721	.030 - .050	1.250	.375	.090 - .105	1.250	.765	.104 - .134
1.240	.635	.030 - .040	1.245	.756	.010 - .020	1.248	.354	.100 - .125	1.249	.723	.010 - .020	1.250	.377	.005 - .010	1.250	.767	.010 - .020
1.240	.661	.050 - .105	1.245	.758	.040 - .060	1.248	.375	.005 - .010	1.249	.752	.090 - .110	1.250	.378	.005 - .030	1.250	.770	.040 - .060
1.240	.697	.030 - .072	1.245	.760	.060 - .080	1.248	.377	.020 - .040	1.249	.756	.036 - .060	1.250	.379	.012 - .040	1.250	.771	.030 - .050
1.240	.710	.040 - .060	1.245	.768	.015 - .025	1.248	.378	.042 - .062	1.249	.758	.005 - .010	1.250	.382	.100 - .134	1.250	.781	.050 - .070
1.240	.720	.020 - .040	1.245	.773	.005 - .010	1.248	.428	.005 - .010	1.249	.797	.030 - .050	1.250	.383	.030 - .050	1.250	.783	.050 - .075
1.240	.749	.010 - .020	1.245	.788	.025 - .040	1.248	.451	.005 - .010	1.249	.800	.030 - .050	1.250	.390	.005 - .080	1.250	.784	.050 - .070
1.240	.812	.025 - .040	1.245	.836	.030 - .050	1.248	.453	.005 - .010	1.249	.812	.050 - .070	1.250	.397	.005 - .010	1.250	.785	.005 - .060
1.240	.814	.005 - .010	1.245	.852	.005 - .010	1.248	.455	.090 - .120	1.249	.850	.015 - .030	1.250	.406	.100 - .187	1.250	.789	.105 - .135
1.240	.851	.030 - .050	1.245	.880	.015 - .030	1.248	.471	.005 - .010	1.249	.905	.015 - .030	1.250	.407	.005 - .050	1.250	.791	.010 - .020
1.240	.875	.030 - .125	1.245	.887	.050 - .070	1.248	.500	.135 - .187	1.249	.920	.005 - .010	1.250	.413	.100 - .120	1.250	.795	.007 - .015
1.240	.937	.090 - .105	1.245	.906	.100 - .120	1.248	.505	.005 - .020	1.249	.925	.105 - .125	1.250	.436	.100 - .125	1.250	.796	.110 - .125
1.240	.938	.020 - .040	1.245	.921	.030 - .050	1.248	.508	.105 - .125	1.249	.951	.005 - .010	1.250	.437	.010 - .020	1.250	.798	.015 - .030
1.240	.960	.025 - .040	1.245	.945	.005 - .020	1.248	.510	.005 - .010	1.249	.961	.007 - .015	1.250	.440	.040 - .125	1.250	.803	.080 - .100
1.240	1.015	.025 - .070	1.245	.947	.080 - .104	1.248	.517	.005 - .125	1.249	1.001	.030 - .050	1.250	.441	.005 - .012	1.250	.808	.010 - .020
1.240	1.036	.030 - .050	1.245	.948	.070 - .090	1.248	.532	.005 - .010	1.249	1.027	.030 - .050	1.250	.442	.040 - .060	1.250	.812	.010 - .104
1.240	1.062	.010 - .020	1.245	.990	.100 - .125	1.248	.535	.005 - .010	1.249	1.037	.025 - .040	1.250	.443	.105 - .135	1.250	.814	.005 - .010
1.240	1.070	.005 - .010	1.245	1.010	.020 - .105	1.248	.550	.050 - .070	1.249	1.100	.075 - .090	1.250	.445	.100 - .134	1.250	.828	.020 - .030
1.240	1.075	.030 - .050	1.245	1.070	.015 - .030	1.248	.559	.156 - .187	1.249	1.110	.010 - .020	1.250	.455	.015 - .030	1.250	.829	.090 - .120
1.240	1.120	.025 - .042	1.245	1.107	.010 - .020	1.248	.574	.005 - .010	1.249	1.134	.005 - .010	1.250	.480	.040 - .060	1.250	.830	.060 - .080
1.241	.279	.005 - .030	1.245	1.123	.005 - .010	1.248	.627	.010 - .020	1.249	1.156	.015 - .030	1.250	.500	.005 - .062	1.250	.839	.120 - .135
1.241	.500	.050 - .060	1.245	1.126	.005 - .010	1.248	.636	.110 - .130				1.250	.501	.070 - .090	1.250	.843	.005 - .030
1.241	.641	.050 - .075	1.245	1.130	.005 - .010	1.248	.651	.090 - .105				1.250	.503	.005 - .020	1.250	.844	.010 - .020
1.241	.750	.030 - .050	1.245	1.143	.005 - .015	1.248	.656	.005 - .010				1.250	.504	.006 - .015	1.250	.845	.020 - .080
1.241	.761	.105 - .125	1.246	.252	.080 - .104	1.248	.689	.050 - .070				1.250	.505	.005 - .020	1.250	.855	.040 - .060
1.241	.782	.110 - .130	1.246	.254	.015 - .030	1.248	.695	.005 - .010				1.250	.507	.005 - .010	1.250	.874	.090 - .105
1.241	.788	.010 - .020	1.246	.261	.075 - .090	1.248	.723	.005 - .010				1.250	.508	.015 - .062	1.250	.875	.120 - .135
1.241	.937	.030 - .050	1.246	.287	.005 - .010	1.248	.742	.100 - .125				1.250	.510	.090 - .120	1.250	.876	.030 - .050
1.241	.945	.020 - .040	1.246	.384	.050 - .083	1.248	.749	.050 - .070				1.250	.512	.135 - .156	1.250	.878	.040 - .060
1.2																	

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.250	.962	.015 - .020	1.251	1.099	.010 - .020	1.255	.656	.010 - .120	1.260	.501	.005 - .030	1.270	.166	.050 - .075	1.280	1.164	.005 - .010
1.250	.986	.090 - .105	1.251	1.110	.020 - .030	1.255	.664	.090 - .105	1.260	.503	.100 - .125	1.270	.460	.135 - .156	1.281	.248	.060 - .090
1.250	.990	.030 - .040	1.252	.252	.130 - .150	1.255	.714	.110 - .125	1.260	.505	.005 - .020	1.270	.527	.156 - .187	1.281	.264	.010 - .020
1.250	.995	.060 - .080	1.252	.268	.030 - .050	1.255	.754	.070 - .080	1.260	.512	.080 - .105	1.270	.651	.020 - .040	1.281	.408	.005 - .030
1.250	1.000	.093 - .125	1.252	.280	.105 - .135	1.255	.756	.020 - .040	1.260	.553	.010 - .020	1.270	.700	.040 - .060	1.281	.442	.060 - .080
1.250	1.007	.042 - .062	1.252	.316	.025 - .070	1.255	.843	.135 - .187	1.260	.625	.005 - .010	1.270	.764	.090 - .100	1.281	.530	.015 - .030
1.250	1.010	.010 - .020	1.252	.317	.135 - .156	1.255	.845	.005 - .010	1.260	.630	.005 - .010	1.270	.793	.100 - .125	1.281	.538	.010 - .020
1.250	1.011	.005 - .010	1.252	.319	.050 - .070	1.255	.872	.030 - .050	1.260	.632	.005 - .010	1.270	.976	.040 - .060	1.281	.550	.156 - .187
1.250	1.012	.050 - .070	1.252	.329	.048 - .062	1.255	.911	.105 - .125	1.260	.650	.120 - .130	1.271	.886	.005 - .010	1.281	.608	.020 - .030
1.250	1.015	.020 - .040	1.252	.343	.156 - .190	1.255	.960	.040 - .060	1.260	.670	.120 - .140	1.271	.940	.006 - .012	1.281	.891	.080 - .100
1.250	1.017	.060 - .083	1.252	.376	.005 - .020	1.255	1.031	.020 - .030	1.260	.671	.070 - .090	1.271	1.005	.025 - .040	1.281	.892	.040 - .060
1.250	1.020	.100 - .120	1.252	.396	.040 - .060	1.255	1.079	.020 - .030	1.260	.675	.010 - .020	1.271	1.080	.020 - .035	1.281	1.000	.010 - .020
1.250	1.033	.005 - .010	1.252	.407	.090 - .110	1.255	1.083	.040 - .060	1.260	.682	.060 - .080	1.272	.525	.050 - .070	1.281	1.012	.015 - .030
1.250	1.035	.050 - .070	1.252	.408	.025 - .042	1.256	.139	.050 - .083	1.260	.683	.060 - .080	1.272	.643	.090 - .120	1.282	.103	.005 - .010
1.250	1.036	.080 - .105	1.252	.426	.100 - .125	1.256	.329	.075 - .100	1.260	.689	.020 - .030	1.272	.800	.040 - .060	1.282	.248	.060 - .075
1.250	1.051	.010 - .020	1.252	.437	.060 - .075	1.256	.507	.050 - .070	1.260	.750	.062 - .120	1.273	.780	.080 - .105	1.282	.310	.075 - .090
1.250	1.058	.072 - .093	1.252	.442	.125 - .156	1.256	.519	.100 - .125	1.260	.826	.005 - .010	1.273	.907	.030 - .050	1.282	.408	.005 - .010
1.250	1.061	.025 - .040	1.252	.506	.005 - .010	1.256	.613	.015 - .030	1.260	.827	.040 - .060	1.273	.920	.020 - .030	1.282	.409	.005 - .010
1.250	1.067	.030 - .050	1.252	.585	.030 - .050	1.256	.941	.125 - .156	1.260	.984	.025 - .040	1.274	.711	.030 - .050	1.282	.580	.010 - .020
1.250	1.115	.010 - .020	1.252	.625	.005 - .010	1.256	1.080	.062 - .080	1.260	1.002	.080 - .100	1.274	.938	.015 - .025	1.282	.625	.005 - .010
1.250	1.123	.025 - .040	1.252	.629	.020 - .030	1.257	.605	.005 - .010	1.260	1.050	.015 - .025	1.274	.969	.080 - .105	1.282	.942	.010 - .020
1.250	1.140	.015 - .025	1.252	.630	.105 - .125	1.257	.673	.020 - .030	1.260	1.055	.010 - .015	1.274	1.125	.005 - .010	1.282	.975	.060 - .080
1.250	1.145	.020 - .040	1.252	.633	.050 - .075	1.257	.787	.120 - .135	1.260	1.080	.040 - .060	1.275	.255	.015 - .030	1.282	1.020	.005 - .010
1.250	1.167	.010 - .025	1.252	.640	.008 - .016	1.257	.933	.030 - .048	1.260	1.100	.040 - .060	1.275	.297	.025 - .042	1.282	1.043	.030 - .050
1.250	1.180	.005 - .015	1.252	.725	.060 - .070	1.257	.941	.125 - .156	1.260	1.130	.010 - .020	1.275	.313	.060 - .090	1.282	1.066	.040 - .060
1.250	1.181	.005 - .015	1.252	.753	.005 - .010	1.257	.956	.005 - .010	1.260	1.135	.010 - .020	1.275	.409	.050 - .070	1.282	1.162	.010 - .020
1.250	1.187	.005 - .010	1.252	.755	.005 - .010	1.257	1.014	.005 - .010	1.260	1.147	.030 - .050	1.275	.410	.025 - .042	1.282	1.164	.010 - .020
1.251	.131	.050 - .070	1.252	.765	.005 - .010	1.257	1.100	.005 - .015	1.261	.126	.010 - .012	1.275	.411	.025 - .040	1.283	.104	.005 - .010
1.251	.132	.070 - .090	1.252	.779	.005 - .015	1.257	1.120	.010 - .020	1.261	.195	.005 - .010	1.275	.500	.075 - .090	1.283	.375	.020 - .035
1.251	.187	.005 - .010	1.252	.789	.050 - .075	1.257	1.166	.025 - .040	1.261	.217	.105 - .135	1.275	.672	.025 - .042	1.283	.409	.010 - .020
1.251	.215	.010 - .020	1.252	.790	.050 - .075	1.258	.375	.090 - .110	1.261	.316	.090 - .125	1.275	.797	.025 - .042	1.283	.650	.080 - .090
1.251	.257	.070 - .090	1.252	.797	.010 - .020	1.258	.380	.005 - .010	1.261	.411	.090 - .104	1.275	.980	.020 - .040	1.283	.671	.015 - .025
1.251	.312	.090 - .105	1.252	.882	.008 - .016	1.258	.473	.005 - .010	1.261	.411	.130 - .160	1.275	1.009	.090 - .110	1.283	.890	.015 - .030
1.251	.330	.156 - .190	1.252	.932	.100 - .125	1.258	.474	.005 - .010	1.261	.414	.005 - .010	1.275	1.045	.025 - .042	1.283	.929	.030 - .040
1.251	.332	.105 - .125	1.252	.961	.007 - .040	1.258	.478	.005 - .010	1.261	.505	.070 - .090	1.275	1.060	.005 - .008	1.283	1.126	.040 - .060
1.251	.335	.020 - .040	1.252	.965	.020 - .030	1.258	.538	.010 - .020	1.261	.509	.105 - .125	1.275	1.092	.005 - .010	1.283	1.167	.005 - .010
1.251	.378	.005 - .010	1.252	.998	.008 - .016	1.258	.632	.015 - .030	1.261	.632	.005 - .010	1.276	.105	.025 - .040	1.284	.192	.050 - .070
1.251	.384	.170 - .190	1.252	1.002	.016 - .025	1.258	.643	.005 - .010	1.261	.670	.005 - .040	1.276	.821	.050 - .070	1.284	.324	.080 - .104
1.251	.401	.015 - .030	1.252	1.004	.025 - .040	1.258	.677	.030 - .050	1.261	1.004	.070 - .090	1.277	.657	.083 - .105	1.284	.787	.050 - .070
1.251	.410	.015 - .031	1.252	1.015	.100 - .125	1.258	.686	.005 - .010	1.261	1.016	.005 - .010	1.277	.964	.020 - .030	1.284	1.019	.010 - .020
1.251	.417	.135 - .160	1.252	1.020	.032 - .060	1.258	.722	.030 - .050	1.261	1.063	.030 - .042	1.277	1.059	.050 - .070	1.284	1.089	.015 - .030
1.251	.440	.040 - .060	1.252	1.030	.020 - .040	1.258	.984	.010 - .015	1.262	.187	.020 - .035	1.278	.250	.005 - .015	1.284	1.208	.005 - .010
1.251	.471	.045 - .060	1.252	1.037	.050 - .070	1.258	1.004	.015 - .030	1.262	.295	.020 - .040	1.278	.500	.100 - .125	1.285	.409	.120 - .135
1.251	.480	.030 - .050	1.252	1.040	.005 - .010	1.258	1.010	.010 - .020	1.262	.535	.005 - .010	1.278	.529	.100 - .125	1.285	.505	.120 - .135
1.251	.482	.160 - .190	1.252	1.092	.010 - .020	1.258	1.116	.005 - .010	1.262	.671	.070 - .125	1.278	.571	.005 - .010	1.285	.724	.005 - .010
1.251	.495	.040 - .060	1.252	1.107	.005 - .010	1.258	1.129	.010 - .015	1.262	.951	.030 - .050	1.278	.750	.015 - .030	1.285	1.000	.020 - .040
1.251	.500	.005 - .010	1.252	1.122	.005 - .010	1.259	.232	.020 - .040	1.263	.882	.105 - .135	1.278	.821	.030 - .050	1.285	1.136	.005 - .010
1.251	.531	.156 - .187	1.252	1.125	.010 - .030	1.259	.239	.005 - .010	1.263	1.075	.090 - .105	1.278	.924	.005 - .010	1.286	.251	.060 - .090
1.251	.532	.120 - .135	1.252	1.127	.005 - .010	1.259	.316	.010 - .030	1.263	1.085	.010 - .020	1.279	.438	.005 - .010	1.286	.509	.156 - .187
1.251	.551	.015 - .030	1.253	.390	.100 - .120	1.259	.395	.010 - .020	1.263	1.089	.025 - .035	1.279	.506	.005 - .010	1.286	.809	.005 - .010
1.251	.559	.105 - .125	1.253	.410	.060 - .080	1.259	.425	.156 - .187	1.264	.548	.030 - .050	1.279	.633	.050 - .060	1.286	.811	.090 - .105
1.251	.561	.060 - .120	1.253	.450	.010 - .020	1.259	.473	.015 - .030	1.265	.354	.120 - .134	1.280	.155	.005 - .015	1.286	.918	.010 - .020
1.251	.574	.010 - .020	1.253	.573	.030 - .050	1.259	.475	.005 - .010	1.265	.376	.060 - .080	1.280	.170	.100 - .125	1.287	.178	.050 - .083
1.251	.579	.100 - .125	1.253	.633	.060 - .080	1.259	.501	.005 - .010	1.265	.504	.005 - .010	1.280	.221	.070 - .090	1.287	.251	.060 - .090
1.251	.640	.005 - .010	1.253	.656	.015 - .030	1.259	.502	.005 - .010	1.265	.533	.100 - .125	1.280	.318	.050 - .062	1.287	.254	.050 - .062
1.251	.658	.040 - .062	1.253	.766	.156 - .187	1.259	.566	.005 - .010	1.265	.866	.080 - .100	1.280	.438	.030 - .040	1.287	.264	.010 - .020
1.251	.669	.050 - .070	1.253	.768	.030 - .050	1.259	.633	.090 - .125	1.265	.875	.040 - .060	1.280	.505	.010 - .020	1.287	1.142	.005 - .010
1.251	.692	.090 - .110	1.253	.780	.156 - .187	1.259	.641	.110 - .135	1.265	.930	.010 - .020	1.280	.515	.040 - .070	1.288	.614	.050 - .070
1.251	.695	.025 - .040	1.253	.782	.008 - .020	1.259	.679	.070 - .090	1.265	.990	.100 - .125	1.280	.518	.020 - .040	1.288	.761	.030 - .050
1.251	.725	.020 - .040	1.253	.814	.100 - .120	1.259	.748	.005 - .010	1.265	1.000	.060 - .075	1.280	.530	.015 - .025	1.288	.777	.100 - .120
1.251	.752	.020 - .030	1.253	.886	.050 - .070	1.259	.882	.010 - .020	1.265	1.206	.005 - .010	1.280	.628	.040 - .060	1.288	.969	.005 - .010
1.251	.755	.015 - .030	1.253	.914	.020 - .030	1.259	.927	.040 - .050	1.266	.668	.070 - .090	1.280	.668	.062 - .120	1.288	1.023	.015 - .030
1.251	.759	.105 - .135	1.253	1.000	.025 - .040	1.259	.991	.005 - .010	1.266	.680	.050 - .070	1.280					

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.292	1.121	.010 - .020	1.300	.629	.005 - .030	1.306	1.184	.005 - .010	1.312	.251	.050 - .070	1.314	1.090	.042 - .062	1.325	.141	.010 - .020
1.292	1.132	.060 - .080	1.300	.630	.050 - .075	1.307	.502	.010 - .020	1.312	.314	.075 - .090	1.314	1.188	.005 - .010	1.325	.157	.010 - .020
1.293	.378	.005 - .010	1.300	.634	.005 - .020	1.307	.655	.005 - .010	1.312	.320	.030 - .050	1.315	.177	.005 - .010	1.325	.171	.005 - .015
1.293	1.200	.005 - .010	1.300	.650	.080 - .105	1.307	1.068	.075 - .090	1.312	.374	.020 - .040	1.315	.253	.080 - .104	1.325	.172	.010 - .020
1.293	1.223	.015 - .030	1.300	.677	.030 - .050	1.308	.125	.040 - .062	1.312	.377	.020 - .030	1.315	.522	.010 - .020	1.325	.204	.010 - .020
1.294	1.058	.100 - .120	1.300	.681	.005 - .010	1.308	.220	.050 - .070	1.312	.392	.030 - .060	1.315	.560	.005 - .010	1.325	.218	.010 - .020
1.294	1.135	.010 - .020	1.300	.754	.005 - .010	1.308	.251	.005 - .010	1.312	.505	.010 - .015	1.315	.626	.100 - .125	1.325	.251	.010 - .020
1.295	.377	.010 - .020	1.300	.755	.010 - .030	1.308	.619	.005 - .010	1.312	.507	.042 - .062	1.315	.703	.010 - .020	1.325	.270	.010 - .020
1.295	.511	.135 - .156	1.300	.760	.015 - .030	1.308	.751	.050 - .075	1.312	.553	.005 - .010	1.315	.795	.005 - .010	1.325	.281	.040 - .060
1.295	.588	.040 - .060	1.300	.812	.015 - .030	1.308	.762	.070 - .090	1.312	.563	.005 - .010	1.315	.923	.020 - .030	1.325	.295	.080 - .104
1.295	.881	.010 - .020	1.300	.830	.005 - .010	1.308	.902	.005 - .010	1.312	.564	.020 - .040	1.315	1.177	.005 - .010	1.325	.301	.012 - .025
1.295	.901	.060 - .080	1.300	.880	.020 - .040	1.309	.311	.105 - .125	1.312	.565	.090 - .110	1.316	.655	.005 - .010	1.325	.350	.010 - .020
1.295	1.015	.050 - .075	1.300	.887	.010 - .020	1.309	.377	.005 - .015	1.312	.566	.005 - .010	1.316	.704	.050 - .070	1.325	.381	.010 - .020
1.295	1.141	.005 - .010	1.300	.900	.060 - .080	1.309	.392	.030 - .048	1.312	.594	.075 - .090	1.316	.745	.080 - .100	1.325	.410	.010 - .015
1.295	1.170	.005 - .010	1.300	.905	.005 - .050	1.309	.607	.025 - .040	1.312	.625	.100 - .125	1.316	.881	.020 - .040	1.325	.440	.010 - .134
1.295	1.228	.010 - .020	1.300	.960	.062 - .083	1.309	.635	.010 - .020	1.312	.634	.040 - .062	1.316	.885	.025 - .050	1.325	.500	.010 - .015
1.296	1.111	.015 - .030	1.300	.962	.010 - .020	1.309	.751	.050 - .070	1.312	.655	.015 - .030	1.316	.940	.010 - .015	1.325	.600	.010 - .015
1.297	.247	.050 - .083	1.300	.963	.020 - .060	1.309	.791	.005 - .010	1.312	.687	.025 - .035	1.316	.978	.042 - .060	1.325	.640	.010 - .015
1.297	.571	.015 - .030	1.300	.980	.100 - .125	1.309	.813	.020 - .035	1.312	.689	.050 - .060	1.317	.502	.030 - .050	1.325	.669	.040 - .060
1.297	.736	.005 - .010	1.300	.984	.050 - .070	1.309	.816	.007 - .016	1.312	.703	.100 - .125	1.317	.744	.005 - .010	1.325	.700	.010 - .015
1.297	.825	.010 - .020	1.300	.988	.005 - .015	1.309	.878	.060 - .083	1.312	.720	.050 - .070	1.317	1.051	.010 - .020	1.325	.750	.010 - .015
1.297	.845	.050 - .070	1.300	.996	.050 - .070	1.309	.883	.050 - .080	1.312	.748	.050 - .062	1.317	1.115	.080 - .100	1.325	.810	.010 - .020
1.297	.852	.010 - .020	1.300	1.006	.010 - .020	1.309	1.000	.020 - .040	1.312	.755	.105 - .125	1.317	1.198	.020 - .035	1.325	.900	.050 - .075
1.297	.860	.010 - .020	1.300	1.012	.005 - .015	1.309	1.031	.100 - .120	1.312	.765	.090 - .120	1.317	1.250	.020 - .032	1.325	.920	.010 - .015
1.297	.945	.062 - .090	1.300	1.020	.035 - .050	1.309	1.128	.030 - .050	1.312	.766	.050 - .075	1.318	.180	.005 - .010	1.325	1.055	.080 - .104
1.297	1.058	.090 - .105	1.300	1.060	.006 - .016	1.310	.190	.050 - .070	1.312	.781	.020 - .125	1.318	.746	.050 - .075	1.325	1.118	.015 - .030
1.297	1.150	.020 - .040	1.300	1.062	.070 - .090	1.310	.205	.040 - .060	1.312	.782	.060 - .083	1.318	1.005	.040 - .125	1.325	1.179	.080 - .100
1.297	1.169	.020 - .050	1.300	1.067	.050 - .060	1.310	.231	.080 - .100	1.312	.783	.040 - .070	1.318	1.006	.015 - .030	1.326	.314	.025 - .040
1.298	.220	.060 - .080	1.300	1.087	.010 - .020	1.310	.379	.005 - .010	1.312	.812	.070 - .090	1.319	.387	.090 - .125	1.326	.570	.015 - .070
1.298	.275	.050 - .075	1.300	1.093	.005 - .010	1.310	.380	.080 - .100	1.312	.825	.010 - .020	1.319	.715	.005 - .010	1.326	.751	.010 - .020
1.298	.395	.010 - .020	1.300	1.126	.010 - .020	1.310	.385	.170 - .190	1.312	.843	.005 - .010	1.319	.716	.005 - .010	1.326	1.022	.005 - .010
1.298	.441	.010 - .020	1.300	1.136	.030 - .040	1.310	.407	.090 - .120	1.312	.878	.060 - .080	1.319	.851	.040 - .060	1.327	.680	.030 - .050
1.298	.479	.105 - .125	1.300	1.182	.005 - .010	1.310	.416	.110 - .130	1.312	.890	.090 - .125	1.319	1.070	.015 - .030	1.328	.126	.016 - .025
1.298	.496	.030 - .050	1.301	.377	.015 - .030	1.310	.505	.010 - .020	1.312	.892	.020 - .040	1.319	1.075	.050 - .070	1.328	.415	.156 - .187
1.298	.504	.090 - .110	1.301	.504	.005 - .020	1.310	.510	.012 - .020	1.312	.893	.060 - .080	1.319	1.104	.030 - .040	1.328	1.020	.025 - .040
1.298	.630	.005 - .010	1.301	.698	.005 - .010	1.310	.516	.040 - .060	1.312	.906	.062 - .080	1.319	1.130	.005 - .010	1.329	.175	.050 - .083
1.298	.640	.005 - .010	1.301	.756	.018 - .025	1.310	.529	.040 - .060	1.312	.926	.005 - .010	1.320	.183	.005 - .010	1.329	.680	.015 - .030
1.298	.862	.005 - .010	1.301	.820	.040 - .060	1.310	.619	.015 - .030	1.312	.938	.005 - .010	1.320	.210	.005 - .010	1.329	.791	.105 - .125
1.298	.880	.070 - .090	1.301	.901	.080 - .110	1.310	.711	.015 - .030	1.312	.941	.030 - .040	1.320	.318	.105 - .125	1.329	.900	.050 - .075
1.298	.906	.015 - .025	1.301	.945	.080 - .105	1.310	.751	.100 - .120	1.312	.948	.070 - .090	1.320	.331	.110 - .130	1.329	.990	.105 - .134
1.299	.140	.020 - .040	1.301	.962	.105 - .125	1.310	.753	.105 - .125	1.312	.986	.005 - .010	1.320	.476	.010 - .020	1.329	1.001	.080 - .100
1.299	.245	.005 - .010	1.301	1.068	.030 - .050	1.310	.755	.005 - .010	1.312	1.000	.010 - .020	1.320	.495	.062 - .135	1.329	1.142	.005 - .010
1.299	.253	.030 - .040	1.302	.441	.100 - .125	1.310	.768	.040 - .060	1.312	1.001	.080 - .105	1.320	.552	.100 - .120	1.329	1.174	.060 - .070
1.299	.385	.005 - .010	1.302	.477	.050 - .070	1.310	.770	.005 - .010	1.312	1.008	.050 - .125	1.320	.715	.005 - .010	1.329	1.180	.005 - .010
1.299	.395	.005 - .020	1.302	.628	.100 - .125	1.310	.772	.020 - .040	1.312	1.027	.005 - .010	1.320	.753	.005 - .010	1.329	1.190	.030 - .050
1.299	.396	.005 - .010	1.302	.774	.060 - .090	1.310	.812	.030 - .042	1.312	1.031	.080 - .105	1.320	.758	.080 - .104	1.330	.328	.005 - .010
1.299	.411	.050 - .070	1.302	.787	.100 - .125	1.310	.868	.156 - .187	1.312	1.190	.015 - .025	1.320	.761	.015 - .060	1.330	.385	.005 - .010
1.299	.471	.030 - .050	1.302	.788	.005 - .010	1.310	.878	.015 - .030	1.312	1.251	.105 - .125	1.320	.765	.005 - .010	1.330	.391	.156 - .190
1.299	.473	.005 - .010	1.302	1.007	.012 - .020	1.310	.944	.005 - .010	1.313	.268	.035 - .050	1.320	.849	.005 - .010	1.330	.744	.030 - .060
1.299	.553	.005 - .015	1.302	1.200	.005 - .010	1.310	1.006	.005 - .010	1.313	.375	.100 - .125	1.320	.867	.005 - .010	1.330	.851	.040 - .060
1.299	.626	.010 - .020	1.303	.194	.005 - .010	1.310	1.049	.005 - .010	1.313	.456	.005 - .010	1.320	.880	.005 - .010	1.330	.897	.015 - .030
1.299	.812	.025 - .040	1.303	.504	.005 - .010	1.310	1.130	.005 - .015	1.313	.516	.140 - .160	1.320	.890	.015 - .030	1.330	.910	.025 - .040
1.299	.922	.040 - .060	1.303	.734	.020 - .030	1.310	1.250	.010 - .020	1.313	.563	.005 - .030	1.320	.931	.020 - .035	1.330	.985	.050 - .070
1.299	.958	.050 - .070	1.303	.787	.070 - .090	1.311	.189	.040 - .060	1.313	.635	.090 - .100	1.320	1.000	.090 - .125	1.330	1.100	.030 - .050
1.299	.960	.005 - .010	1.303	.899	.040 - .060	1.311	.202	.020 - .040	1.313	.657	.050 - .075	1.320	1.024	.015 - .030	1.331	.635	.070 - .090
1.299	1.019	.025 - .042	1.304	.250	.040 - .050	1.311	.261	.020 - .040	1.313	.660	.090 - .125	1.320	1.060	.010 - .020	1.331	.776	.050 - .070
1.299	1.030	.016 - .025	1.304	.470	.075 - .125	1.311	.335	.080 - .100	1.313	.687	.105 - .125	1.320	1.130	.040 - .050	1.331	.910	.005 - .010
1.299	1.068	.005 - .010	1.304	.504	.090 - .120	1.311	.380	.030 - .050	1.313	.751	.025 - .040	1.321	.780	.050 - .070	1.331	1.123	.005 - .010
1.300	.147	.080 - .104	1.304	1.189	.005 - .016	1.311	.389	.025 - .040	1.313	.759	.080 - .100	1.321	.804	.005 - .010	1.331	1.128	.010 - .020
1.300	.298	.020 - .030	1.305	.080	.005 - .008	1.311	.500	.025 - .040	1.313	.874	.020 - .040	1.321	.973	.010 - .020	1.332	.770	.125 - .156
1.300	.312	.005 - .010	1.305	.255	.040 - .050	1.311	.573	.005 - .010	1.313	.951	.070 - .090	1.322	.758	.080 - .104	1.333	.397	.040 - .060
1.300	.316	.105 - .125	1.305	.514	.100 - .120	1.311	.593	.075 - .090	1.313	1.015	.060 - .083	1.322	1.175	.040 - .060	1.333	.950	.005 - .010
1.300	.318	.005 - .010	1.305	.705	.062 - .120	1.311	.635	.005 - .010	1.313	1.063	.040 - .060	1.323	.212	.005 - .			

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.337	.319	.005 - .010	1.343	1.126	.030 - .050	1.350	.863	.005 - .030	1.360	1.146	.030 - .060	1.367	.758	.070 - .090	1.371	.525	.020 - .030
1.337	.396	.005 - .010	1.343	1.150	.072 - .090	1.350	.905	.050 - .070	1.361	.219	.060 - .080	1.367	.760	.110 - .130	1.371	.595	.010 - .020
1.337	.440	.042 - .062	1.343	1.261	.020 - .040	1.350	.910	.015 - .030	1.361	.875	.075 - .125	1.367	.763	.110 - .130	1.371	.627	.050 - .075
1.337	.475	.005 - .010	1.344	.258	.100 - .135	1.350	.977	.036 - .048	1.361	.884	.075 - .100	1.367	.884	.080 - .104	1.371	.641	.105 - .125
1.337	.500	.100 - .125	1.344	.260	.060 - .090	1.350	.978	.010 - .020	1.361	.890	.050 - .075	1.367	.885	.040 - .060	1.371	.651	.030 - .050
1.337	.502	.005 - .020	1.344	.376	.100 - .120	1.350	1.000	.050 - .070	1.361	1.032	.005 - .010	1.367	.911	.010 - .020	1.371	.698	.040 - .062
1.337	.747	.025 - .040	1.344	.752	.100 - .125	1.350	1.054	.012 - .020	1.362	.230	.005 - .010	1.367	1.010	.040 - .060	1.371	.759	.100 - .125
1.337	.748	.010 - .020	1.344	.812	.040 - .062	1.350	1.067	.015 - .030	1.362	.439	.015 - .030	1.367	1.030	.060 - .080	1.371	.760	.005 - .010
1.337	.856	.010 - .020	1.344	1.000	.015 - .030	1.350	1.108	.050 - .070	1.362	.525	.010 - .020	1.367	1.067	.040 - .060	1.371	.820	.008 - .040
1.337	.884	.005 - .010	1.344	1.002	.050 - .075	1.350	1.139	.005 - .010	1.362	.625	.110 - .120	1.367	1.112	.025 - .040	1.371	.886	.005 - .025
1.337	.945	.060 - .080	1.344	1.009	.080 - .100	1.350	1.209	.010 - .020	1.362	.641	.062 - .090	1.367	1.153	.020 - .030	1.371	1.000	.120 - .135
1.337	.984	.005 - .040	1.344	1.050	.005 - .010	1.351	.561	.010 - .030	1.362	.656	.100 - .125	1.367	1.180	.005 - .015	1.371	1.020	.005 - .010
1.337	1.001	.070 - .090	1.344	1.068	.015 - .030	1.351	.750	.020 - .030	1.362	.750	.010 - .060	1.368	.498	.005 - .010	1.371	1.073	.005 - .010
1.337	1.094	.005 - .010	1.344	1.237	.010 - .020	1.351	1.026	.060 - .080	1.362	.762	.100 - .125	1.368	.510	.075 - .090	1.371	1.102	.005 - .010
1.338	.255	.005 - .010	1.345	.341	.090 - .105	1.351	1.049	.010 - .020	1.362	1.002	.005 - .025	1.368	.596	.030 - .050	1.371	1.123	.020 - .040
1.338	.259	.005 - .010	1.345	.408	.005 - .010	1.351	1.091	.025 - .040	1.362	1.101	.005 - .010	1.368	.635	.005 - .010	1.371	1.138	.070 - .090
1.338	.320	.005 - .010	1.345	.661	.050 - .070	1.351	1.164	.015 - .030	1.362	1.203	.005 - .010	1.368	.792	.040 - .060	1.371	1.178	.070 - .090
1.338	.394	.005 - .020	1.345	.818	.050 - .070	1.351	1.209	.010 - .020	1.362	1.262	.015 - .030	1.368	.874	.050 - .070	1.371	1.200	.010 - .020
1.338	.396	.010 - .020	1.345	.836	.005 - .010	1.351	1.212	.010 - .020	1.363	.941	.060 - .080	1.368	.918	.100 - .125	1.371	1.212	.005 - .015
1.338	.434	.100 - .120	1.345	.907	.060 - .090	1.351	1.214	.005 - .010	1.363	1.004	.015 - .030	1.368	.980	.050 - .070	1.371	1.257	.005 - .010
1.338	.473	.005 - .010	1.345	.967	.100 - .125	1.351	1.253	.005 - .010	1.363	1.190	.030 - .050	1.368	1.044	.030 - .050	1.372	.141	.070 - .090
1.338	.475	.010 - .020	1.345	1.001	.010 - .020	1.352	.670	.180 - .190	1.363	1.249	.015 - .025	1.368	1.069	.070 - .090	1.372	.191	.070 - .090
1.338	.477	.005 - .010	1.345	1.039	.025 - .040	1.352	.776	.050 - .075	1.364	.414	.070 - .090	1.368	1.072	.030 - .080	1.372	.378	.030 - .050
1.338	.505	.005 - .020	1.345	1.040	.015 - .030	1.353	.988	.075 - .090	1.364	.505	.025 - .040	1.368	1.073	.080 - .090	1.372	.564	.080 - .125
1.338	.552	.005 - .015	1.345	1.173	.015 - .030	1.353	1.070	.050 - .070	1.364	.539	.070 - .090	1.368	1.112	.025 - .040	1.372	.637	.020 - .032
1.338	.582	.005 - .010	1.345	1.174	.015 - .025	1.354	.315	.020 - .040	1.364	.664	.005 - .010	1.368	1.113	.050 - .075	1.372	.690	.010 - .030
1.338	.751	.100 - .134	1.346	.201	.060 - .080	1.354	.538	.005 - .010	1.364	.665	.070 - .090	1.368	1.174	.040 - .062	1.372	.730	.105 - .187
1.338	.867	.020 - .030	1.346	.443	.005 - .025	1.355	.263	.090 - .120	1.364	.701	.040 - .060	1.369	.312	.025 - .040	1.372	.750	.020 - .032
1.338	.937	.025 - .040	1.347	.441	.005 - .010	1.355	.501	.110 - .130	1.364	.780	.135 - .156	1.369	.329	.010 - .020	1.372	.812	.020 - .032
1.338	.983	.010 - .020	1.347	.500	.005 - .010	1.355	.564	.010 - .020	1.364	.788	.070 - .090	1.369	.505	.065 - .080	1.372	.891	.070 - .090
1.338	1.121	.020 - .030	1.347	.502	.005 - .010	1.355	.687	.015 - .025	1.364	.911	.070 - .090	1.369	.670	.090 - .105	1.372	.908	.050 - .075
1.339	.220	.040 - .060	1.347	1.075	.015 - .030	1.355	.746	.015 - .030	1.364	.912	.080 - .100	1.369	.761	.010 - .020	1.372	.940	.030 - .050
1.339	.272	.015 - .030	1.347	1.140	.015 - .030	1.355	.795	.090 - .105	1.364	1.002	.008 - .016	1.369	.803	.040 - .060	1.372	.948	.005 - .010
1.339	.274	.010 - .020	1.348	.441	.005 - .010	1.355	.899	.050 - .070	1.364	1.011	.030 - .050	1.369	.832	.005 - .010	1.372	.949	.090 - .125
1.339	.316	.005 - .010	1.348	.500	.005 - .015	1.355	1.010	.060 - .105	1.364	1.042	.080 - .100	1.369	.885	.005 - .015	1.372	.973	.005 - .015
1.339	.474	.005 - .010	1.348	.566	.080 - .100	1.355	1.064	.015 - .030	1.364	1.182	.005 - .010	1.369	.893	.125 - .156	1.372	.983	.025 - .040
1.339	.640	.100 - .125	1.348	.677	.030 - .050	1.355	1.073	.005 - .010	1.364	1.184	.005 - .010	1.369	1.001	.015 - .030	1.372	1.003	.040 - .060
1.339	.671	.070 - .090	1.348	.700	.005 - .010	1.355	1.129	.050 - .060	1.364	1.191	.010 - .020	1.369	1.145	.090 - .105	1.372	1.011	.105 - .120
1.339	.762	.005 - .010	1.348	.717	.075 - .090	1.356	.444	.025 - .042	1.364	1.193	.050 - .070	1.369	1.188	.010 - .015	1.372	1.065	.012 - .025
1.339	.828	.105 - .125	1.348	.818	.005 - .015	1.356	1.000	.015 - .030	1.364	1.194	.030 - .060	1.369	1.207	.005 - .010	1.372	1.135	.050 - .070
1.339	.983	.005 - .010	1.348	1.095	.010 - .025	1.356	1.030	.015 - .030	1.364	1.237	.010 - .025	1.370	.144	.030 - .050	1.372	1.145	.050 - .105
1.339	1.104	.060 - .080	1.348	1.145	.010 - .025	1.357	.190	.020 - .040	1.364	1.252	.005 - .010	1.370	.192	.030 - .050	1.372	1.153	.030 - .050
1.339	1.181	.005 - .010	1.349	.471	.040 - .060	1.357	.350	.005 - .010	1.364	1.281	.005 - .010	1.370	.234	.100 - .125	1.372	1.189	.030 - .050
1.339	1.202	.005 - .010	1.349	.501	.005 - .010	1.357	.500	.100 - .125	1.364	1.282	.005 - .012	1.370	.282	.080 - .100	1.372	1.191	.005 - .010
1.339	1.205	.005 - .010	1.349	.504	.005 - .020	1.357	.666	.080 - .100	1.365	.281	.090 - .110	1.370	.300	.075 - .125	1.372	1.210	.010 - .020
1.339	1.213	.015 - .030	1.349	.593	.060 - .080	1.357	.845	.032 - .060	1.365	.354	.060 - .080	1.370	.316	.005 - .010	1.372	1.213	.020 - .035
1.340	.250	.062 - .120	1.349	.749	.050 - .070	1.357	.890	.020 - .040	1.365	.376	.100 - .120	1.370	.333	.010 - .020	1.372	1.285	.015 - .030
1.340	.260	.005 - .010	1.349	.984	.050 - .070	1.357	.968	.005 - .010	1.365	.435	.050 - .083	1.370	.505	.100 - .125	1.373	.218	.040 - .062
1.340	.261	.005 - .010	1.349	1.057	.010 - .020	1.357	.996	.005 - .010	1.365	.562	.030 - .050	1.370	.538	.008 - .016	1.373	.234	.105 - .125
1.340	.284	.015 - .030	1.349	1.294	.005 - .010	1.357	1.030	.015 - .040	1.365	.584	.030 - .060	1.370	.568	.005 - .010	1.373	.250	.016 - .032
1.340	.288	.040 - .060	1.350	.089	.005 - .010	1.358	.125	.030 - .050	1.365	.585	.025 - .042	1.370	.628	.005 - .010	1.373	.255	.040 - .060
1.340	.289	.005 - .010	1.350	.090	.025 - .040	1.358	.209	.120 - .135	1.365	.595	.030 - .050	1.370	.685	.075 - .125	1.373	.380	.120 - .135
1.340	.630	.020 - .040	1.350	.240	.120 - .130	1.358	.601	.040 - .060	1.365	.808	.040 - .060	1.370	.696	.015 - .030	1.373	.409	.005 - .010
1.340	.632	.010 - .020	1.350	.252	.015 - .125	1.358	.766	.030 - .050	1.365	.940	.030 - .050	1.370	.698	.050 - .075	1.373	.410	.100 - .125
1.340	.677	.042 - .072	1.350	.312	.050 - .060	1.358	.803	.005 - .010	1.365	1.095	.110 - .130	1.370	.751	.080 - .100	1.373	.462	.020 - .040
1.340	.726	.105 - .120	1.350	.314	.005 - .020	1.358	1.026	.050 - .075	1.365	1.131	.005 - .010	1.370	.793	.020 - .030	1.373	.463	.015 - .030
1.340	.750	.005 - .010	1.350	.390	.105 - .125	1.358	1.037	.008 - .015	1.365	1.150	.050 - .075	1.370	.794	.005 - .010	1.373	.500	.105 - .135
1.340	.751	.045 - .060	1.350	.440	.020 - .040	1.358	1.130	.005 - .010	1.365	1.160	.020 - .030	1.370	.886	.070 - .090	1.373	.563	.070 - .090
1.340	.766	.042 - .062	1.350	.441	.010 - .020	1.358	1.178	.010 - .020	1.365	1.187	.025 - .040	1.370	.890	.100 - .125	1.373	.568	.170 - .190
1.340	1.000	.105 - .125	1.350	.457	.005 - .010	1.358	1.264	.010 - .020	1.365	1.192	.005 - .020	1.370	.900	.005 - .007	1.373	.570	.006 - .015
1.340	1.004	.042 - .060	1.350	.500	.005 - .020	1.359	.689	.005 - .010	1.365	1.194	.020 - .040	1.370	.940	.080 - .100	1.373	.575	.050 - .075
1.340	1.034	.005 - .010	1.350	.503	.005 - .025	1.359	.860	.130 - .150	1.365	1.262	.020 - .030	1.370	.948	.062 - .080	1.373	.625	.020 - .190
1.340	1.104	.070 - .080	1.350	.506	.005 - .020												

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.373	1.236	.010 - .020	1.375	.444	.050 - .070	1.375	1.247	.040 - .060	1.378	.865	.100 - .125	1.388	.825	.020 - .040	1.400	.901	.015 - .030
1.373	1.255	.005 - .020	1.375	.445	.015 - .030	1.375	1.251	.010 - .020	1.378	.876	.090 - .125	1.388	1.016	.090 - .110	1.400	1.000	.010 - .105
1.374	.155	.005 - .010	1.375	.452	.156 - .187	1.375	1.253	.005 - .030	1.378	.878	.060 - .120	1.389	.474	.080 - .105	1.400	1.017	.090 - .105
1.374	.190	.060 - .080	1.375	.500	.100 - .125	1.375	1.253	.040 - .060	1.378	.957	.105 - .125	1.389	1.052	.030 - .050	1.400	1.050	.070 - .080
1.374	.245	.050 - .070	1.375	.502	.005 - .060	1.375	1.265	.005 - .010	1.378	.984	.010 - .020	1.389	1.073	.005 - .010	1.400	1.076	.025 - .042
1.374	.251	.160 - .180	1.375	.505	.030 - .050	1.376	.258	.005 - .010	1.378	1.060	.005 - .010	1.390	.368	.060 - .083	1.400	1.150	.005 - .010
1.374	.253	.083 - .104	1.375	.515	.060 - .080	1.376	.267	.134 - .187	1.378	1.061	.012 - .020	1.390	.430	.080 - .134	1.400	1.158	.005 - .010
1.374	.318	.050 - .060	1.375	.526	.070 - .090	1.376	.383	.005 - .015	1.378	1.075	.030 - .050	1.390	.552	.010 - .020	1.400	1.200	.080 - .090
1.374	.340	.010 - .020	1.375	.530	.005 - .075	1.376	.406	.050 - .075	1.378	1.143	.050 - .070	1.390	.780	.005 - .010	1.400	1.258	.020 - .030
1.374	.341	.090 - .110	1.375	.556	.005 - .060	1.376	.503	.090 - .125	1.378	1.186	.060 - .080	1.390	1.094	.005 - .008	1.400	1.259	.015 - .042
1.374	.378	.050 - .070	1.375	.560	.005 - .010	1.376	.513	.005 - .010	1.378	1.201	.005 - .010	1.390	1.114	.015 - .030	1.401	.195	.005 - .010
1.374	.389	.060 - .070	1.375	.563	.040 - .060	1.376	.530	.156 - .187	1.379	.203	.020 - .040	1.390	1.114	.040 - .060	1.401	.986	.045 - .060
1.374	.518	.134 - .187	1.375	.563	.120 - .135	1.376	.534	.010 - .020	1.379	.453	.010 - .040	1.390	1.114	.110 - .130	1.401	1.102	.010 - .020
1.374	.562	.015 - .025	1.375	.564	.010 - .020	1.376	.620	.005 - .010	1.379	.510	.070 - .080	1.390	1.115	.005 - .010	1.401	1.169	.010 - .020
1.374	.563	.005 - .010	1.375	.571	.060 - .070	1.376	.650	.100 - .125	1.379	.564	.005 - .010	1.390	1.147	.015 - .030	1.401	1.186	.015 - .025
1.374	.568	.005 - .010	1.375	.590	.105 - .125	1.376	.657	.005 - .010	1.379	.599	.015 - .030	1.390	1.187	.015 - .030	1.401	1.258	.005 - .030
1.374	.575	.090 - .110	1.375	.619	.020 - .040	1.376	.700	.010 - .020	1.379	.787	.070 - .090	1.390	1.203	.010 - .020	1.401	1.295	.005 - .010
1.374	.577	.020 - .042	1.375	.630	.005 - .007	1.376	.703	.005 - .010	1.379	.812	.005 - .010	1.391	.888	.010 - .035	1.402	.295	.030 - .050
1.374	.641	.050 - .070	1.375	.634	.005 - .010	1.376	.760	.060 - .140	1.379	.835	.005 - .010	1.391	.983	.040 - .060	1.402	.504	.005 - .010
1.374	.700	.156 - .187	1.375	.636	.010 - .020	1.376	.761	.090 - .105	1.379	1.069	.090 - .120	1.391	1.056	.005 - .010	1.402	.505	.008 - .015
1.374	.701	.005 - .010	1.375	.641	.157 - .187	1.376	.765	.090 - .105	1.379	1.075	.015 - .025	1.392	1.055	.100 - .120	1.402	.509	.105 - .135
1.374	.710	.005 - .010	1.375	.644	.005 - .010	1.376	.780	.110 - .130	1.379	1.089	.030 - .050	1.393	.611	.060 - .080	1.402	.518	.005 - .008
1.374	.717	.005 - .010	1.375	.656	.040 - .062	1.376	.815	.060 - .080	1.380	.254	.040 - .060	1.393	.719	.080 - .104	1.402	.760	.005 - .015
1.374	.750	.100 - .125	1.375	.700	.120 - .135	1.376	.847	.005 - .010	1.380	.282	.062 - .190	1.393	1.281	.005 - .010	1.402	1.224	.050 - .070
1.374	.756	.020 - .030	1.375	.709	.050 - .070	1.376	.903	.025 - .040	1.380	.300	.005 - .008	1.394	.654	.005 - .010	1.402	1.341	.015 - .030
1.374	.762	.070 - .090	1.375	.719	.010 - .020	1.376	.906	.030 - .060	1.380	.339	.005 - .010	1.394	.724	.070 - .090	1.403	.250	.042 - .075
1.374	.770	.040 - .060	1.375	.750	.020 - .050	1.376	.984	.030 - .050	1.380	.346	.120 - .134	1.395	.132	.025 - .035	1.403	.430	.100 - .125
1.374	.800	.010 - .020	1.375	.751	.050 - .060	1.376	1.003	.010 - .020	1.380	.398	.005 - .010	1.395	.420	.105 - .125	1.403	.672	.110 - .130
1.374	.807	.090 - .100	1.375	.753	.100 - .125	1.376	1.015	.110 - .120	1.380	.405	.100 - .125	1.395	.550	.050 - .083	1.403	1.022	.010 - .020
1.374	.825	.040 - .060	1.375	.754	.060 - .080	1.376	1.016	.050 - .070	1.380	.596	.100 - .125	1.395	1.157	.040 - .060	1.404	.128	.050 - .070
1.374	.829	.010 - .020	1.375	.757	.090 - .110	1.376	1.022	.005 - .010	1.380	.625	.005 - .010	1.396	.563	.060 - .080	1.404	.508	.090 - .120
1.374	.880	.025 - .040	1.375	.758	.048 - .062	1.376	1.135	.080 - .105	1.380	.694	.120 - .135	1.396	.611	.105 - .125	1.404	1.196	.020 - .040
1.374	.881	.110 - .135	1.375	.762	.005 - .010	1.376	1.157	.010 - .020	1.380	.752	.020 - .030	1.396	1.190	.015 - .025	1.404	1.283	.020 - .040
1.374	.884	.025 - .040	1.375	.763	.156 - .187	1.376	1.225	.025 - .040	1.380	.880	.020 - .040	1.396	1.220	.010 - .020	1.405	.610	.010 - .020
1.374	.901	.030 - .050	1.375	.770	.005 - .010	1.376	1.246	.050 - .070	1.380	.901	.005 - .060	1.397	.381	.115 - .130	1.405	.630	.005 - .010
1.374	.905	.010 - .020	1.375	.782	.156 - .187	1.376	1.247	.005 - .010	1.380	.902	.080 - .100	1.397	.419	.060 - .125	1.405	1.008	.015 - .030
1.374	.912	.010 - .025	1.375	.803	.090 - .100	1.377	.269	.040 - .060	1.380	1.004	.005 - .010	1.397	.545	.005 - .010	1.405	1.265	.005 - .010
1.374	.942	.050 - .070	1.375	.812	.005 - .120	1.377	.318	.100 - .125	1.380	1.009	.105 - .125	1.397	.705	.060 - .090	1.406	.139	.030 - .048
1.374	.999	.025 - .040	1.375	.824	.005 - .020	1.377	.336	.075 - .090	1.380	1.021	.050 - .075	1.397	.710	.050 - .075	1.406	.390	.005 - .010
1.374	1.011	.090 - .120	1.375	.827	.105 - .135	1.377	.346	.100 - .125	1.380	1.105	.005 - .010	1.397	.815	.005 - .020	1.406	.954	.050 - .070
1.374	1.049	.005 - .010	1.375	.829	.048 - .075	1.377	.376	.105 - .125	1.380	1.180	.005 - .010	1.397	.981	.015 - .030	1.406	1.010	.060 - .070
1.374	1.059	.030 - .050	1.375	.860	.006 - .100	1.377	.377	.080 - .105	1.380	1.186	.080 - .100	1.397	1.068	.005 - .030	1.406	1.091	.025 - .040
1.374	1.078	.010 - .020	1.375	.875	.100 - .125	1.377	.383	.005 - .010	1.380	1.253	.005 - .010	1.397	1.201	.020 - .040	1.406	1.249	.020 - .030
1.374	1.125	.050 - .075	1.375	.876	.032 - .048	1.377	.384	.030 - .050	1.381	.561	.080 - .100	1.398	.505	.005 - .015	1.407	.290	.025 - .040
1.374	1.128	.010 - .020	1.375	.877	.005 - .020	1.377	.505	.005 - .020	1.381	.689	.050 - .070	1.398	.717	.005 - .010	1.407	.390	.005 - .030
1.374	1.145	.005 - .010	1.375	.878	.090 - .120	1.377	.515	.050 - .075	1.381	1.200	.025 - .040	1.398	.872	.025 - .040	1.407	.624	.005 - .010
1.374	1.209	.040 - .060	1.375	.883	.010 - .020	1.377	.517	.060 - .080	1.382	.432	.120 - .140	1.398	.906	.030 - .050	1.407	.634	.060 - .090
1.374	1.265	.030 - .050	1.375	.892	.015 - .030	1.377	.531	.100 - .125	1.382	.542	.010 - .030	1.398	1.160	.010 - .020	1.407	.705	.005 - .010
1.375	.100	.025 - .045	1.375	.922	.015 - .030	1.377	.754	.060 - .080	1.382	.543	.040 - .070	1.398	1.161	.030 - .050	1.407	1.112	.015 - .030
1.375	.125	.070 - .090	1.375	.936	.020 - .032	1.377	.756	.050 - .075	1.382	.633	.020 - .030	1.399	.377	.005 - .020	1.407	1.125	.005 - .010
1.375	.129	.015 - .030	1.375	.940	.060 - .090	1.377	.790	.020 - .040	1.382	1.093	.005 - .010	1.399	.524	.005 - .060	1.407	1.188	.020 - .030
1.375	.131	.005 - .010	1.375	.941	.010 - .020	1.377	.860	.005 - .010	1.382	1.137	.060 - .080	1.399	.630	.005 - .020	1.407	1.195	.005 - .010
1.375	.144	.040 - .060	1.375	.953	.005 - .010	1.377	.895	.032 - .048	1.382	1.138	.005 - .010	1.399	.654	.010 - .020	1.407	1.252	.005 - .010
1.375	.207	.040 - .062	1.375	.962	.035 - .060	1.377	.983	.060 - .080	1.382	1.192	.020 - .040	1.399	.719	.010 - .060	1.408	.902	.032 - .050
1.375	.210	.100 - .125	1.375	.977	.062 - .083	1.377	.985	.005 - .010	1.383	.629	.090 - .125	1.399	.890	.025 - .040	1.408	1.004	.005 - .010
1.375	.250	.080 - .104	1.375	.995	.005 - .010	1.377	.997	.030 - .050	1.383	1.000	.030 - .050	1.399	.906	.050 - .070	1.408	1.256	.040 - .060
1.375	.252	.040 - .060	1.375	1.000	.025 - .125	1.377	1.001	.025 - .090	1.384	.314	.090 - .110	1.399	1.160	.030 - .050	1.408	1.285	.030 - .050
1.375	.255	.040 - .060	1.375	1.005	.120 - .156	1.377	1.018	.030 - .050	1.384	.543	.020 - .030	1.399	1.203	.005 - .010	1.408	1.332	.005 - .010
1.375	.260	.015 - .030	1.375	1.006	.040 - .060	1.377	1.029	.040 - .060	1.384	.758	.005 - .010	1.400	.140	.020 - .040	1.409	.502	.005 - .010
1.375	.270	.005 - .010	1.375	1.006	.100 - .125	1.377	1.100	.005 - .010	1.384	1.171	.012 - .025	1.400	.269	.050 - .070	1.409	.503	.005 - .010
1.375	.281	.100 - .125	1.375	1.008	.060 - .080	1.377	1.241	.005 - .010	1.384	1.318	.005 - .010	1.400	.282	.070 - .090	1.409	.766	.015 - .070
1.375	.310	.062 - .080	1.375	1.015	.005 - .010	1.378	.206	.050 - .075	1.385	.567	.080 - .105	1.400	.379	.080 - .100	1.409	1.187	.005 - .010
1.375	.312	.050 - .083	1.375	1.022	.016 - .032	1.378	.2										

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.412	.836	.105 - .120	1.418	1.181	.100 - .125	1.428	1.014	.060 - .080	1.437	.186	.010 - .020	1.440	.395	.005 - .010	1.450	.380	.005 - .020
1.412	1.070	.040 - .060	1.418	1.188	.070 - .090	1.428	1.066	.015 - .032	1.437	.206	.025 - .125	1.440	.438	.040 - .060	1.450	.442	.005 - .020
1.412	1.193	.030 - .050	1.418	1.307	.010 - .020	1.428	1.249	.005 - .010	1.437	.255	.005 - .010	1.440	.504	.005 - .020	1.450	.449	.010 - .020
1.412	1.246	.005 - .010	1.419	.253	.005 - .010	1.429	.418	.005 - .010	1.437	.297	.070 - .090	1.440	.610	.005 - .010	1.450	.450	.005 - .010
1.413	.634	.100 - .125	1.419	.407	.156 - .187	1.429	.783	.010 - .020	1.437	.356	.040 - .060	1.440	.762	.005 - .010	1.450	.505	.005 - .020
1.413	.995	.005 - .010	1.419	.435	.160 - .180	1.429	1.100	.020 - .030	1.437	.376	.005 - .025	1.440	.780	.040 - .060	1.450	.506	.050 - .070
1.413	1.118	.005 - .010	1.419	.506	.005 - .010	1.429	1.126	.020 - .040	1.437	.378	.015 - .035	1.440	.891	.015 - .025	1.450	.531	.080 - .100
1.414	.434	.170 - .190	1.419	.677	.080 - .100	1.429	1.194	.040 - .060	1.437	.383	.005 - .060	1.440	1.015	.020 - .040	1.450	.626	.010 - .020
1.414	.563	.160 - .190	1.419	.797	.005 - .010	1.430	.192	.030 - .050	1.437	.397	.020 - .040	1.440	1.070	.020 - .030	1.450	.631	.005 - .010
1.414	.595	.090 - .110	1.419	.800	.005 - .010	1.430	.376	.015 - .030	1.437	.410	.005 - .010	1.440	1.083	.005 - .010	1.450	.650	.050 - .062
1.414	.794	.005 - .010	1.419	1.003	.005 - .010	1.430	.519	.005 - .010	1.437	.420	.080 - .104	1.440	1.120	.050 - .075	1.450	.755	.005 - .020
1.415	.319	.005 - .010	1.419	1.070	.090 - .125	1.430	.640	.100 - .125	1.437	.479	.005 - .020	1.440	1.137	.005 - .010	1.450	.760	.030 - .060
1.415	.320	.005 - .020	1.420	.285	.110 - .135	1.430	.698	.005 - .010	1.437	.493	.156 - .187	1.441	.720	.050 - .083	1.450	.770	.005 - .010
1.415	.382	.040 - .062	1.420	.378	.010 - .020	1.430	.716	.010 - .020	1.437	.500	.032 - .048	1.441	1.140	.050 - .075	1.450	.830	.020 - .040
1.415	.396	.005 - .020	1.420	.380	.030 - .050	1.430	.749	.010 - .020	1.437	.504	.062 - .080	1.441	1.142	.050 - .075	1.450	.952	.040 - .060
1.415	.398	.005 - .010	1.420	.405	.010 - .020	1.430	.755	.015 - .030	1.437	.552	.005 - .015	1.441	1.250	.010 - .020	1.450	1.019	.105 - .135
1.415	.477	.005 - .010	1.420	.487	.005 - .010	1.430	.827	.010 - .020	1.437	.639	.015 - .025	1.441	1.258	.005 - .010	1.450	1.031	.083 - .120
1.415	.521	.020 - .030	1.420	.504	.105 - .134	1.430	1.063	.060 - .070	1.437	.680	.100 - .125	1.441	1.311	.020 - .040	1.450	1.085	.050 - .075
1.415	.567	.010 - .025	1.420	.507	.012 - .020	1.430	1.065	.005 - .010	1.437	.761	.105 - .125	1.442	.411	.062 - .080	1.450	1.100	.005 - .010
1.415	.820	.040 - .060	1.420	.611	.075 - .090	1.430	1.128	.050 - .075	1.437	.764	.020 - .030	1.442	.541	.005 - .010	1.450	1.140	.005 - .010
1.415	.896	.060 - .070	1.420	.679	.005 - .010	1.430	1.129	.050 - .070	1.437	.765	.050 - .075	1.442	.881	.080 - .105	1.450	1.225	.030 - .040
1.415	1.000	.005 - .010	1.420	.690	.050 - .070	1.430	1.148	.075 - .090	1.437	.766	.015 - .025	1.442	1.002	.006 - .012	1.450	1.265	.010 - .020
1.415	1.044	.015 - .030	1.420	.752	.080 - .100	1.430	1.186	.005 - .010	1.437	.783	.005 - .010	1.442	1.130	.030 - .040	1.450	1.379	.010 - .020
1.415	1.100	.010 - .020	1.420	.853	.050 - .060	1.431	.716	.005 - .010	1.437	.792	.100 - .125	1.443	.626	.015 - .030	1.451	.503	.005 - .010
1.415	1.122	.030 - .042	1.420	1.004	.005 - .010	1.431	1.129	.010 - .020	1.437	.795	.020 - .040	1.443	.880	.070 - .090	1.451	1.016	.050 - .070
1.415	1.126	.005 - .010	1.420	1.005	.010 - .020	1.431	1.253	.060 - .080	1.437	.850	.075 - .090	1.443	.948	.040 - .060	1.451	1.140	.005 - .015
1.416	.169	.030 - .050	1.420	1.100	.005 - .010	1.432	.936	.090 - .105	1.437	.873	.156 - .190	1.443	.979	.015 - .030	1.451	1.196	.010 - .020
1.416	.324	.135 - .156	1.420	1.137	.050 - .070	1.432	.995	.100 - .125	1.437	.879	.070 - .090	1.443	1.179	.040 - .050	1.451	1.271	.036 - .060
1.416	.473	.005 - .010	1.420	1.199	.080 - .100	1.432	1.045	.030 - .050	1.437	.886	.050 - .075	1.444	.136	.005 - .010	1.452	.266	.020 - .040
1.416	.474	.020 - .030	1.420	1.252	.030 - .050	1.432	1.094	.050 - .060	1.437	.895	.040 - .060	1.444	1.006	.030 - .050	1.452	.270	.005 - .010
1.416	.502	.005 - .030	1.420	1.270	.010 - .020	1.432	1.139	.040 - .060	1.437	.950	.050 - .070	1.444	1.055	.005 - .010	1.452	.441	.010 - .020
1.416	.505	.005 - .020	1.420	1.271	.032 - .050	1.432	1.160	.020 - .062	1.437	1.000	.030 - .040	1.445	.132	.040 - .062	1.453	.104	.005 - .010
1.416	.567	.005 - .010	1.420	1.280	.030 - .050	1.433	.316	.005 - .010	1.437	1.001	.156 - .187	1.445	.312	.010 - .020	1.453	.760	.030 - .050
1.416	.590	.160 - .190	1.421	.495	.080 - .100	1.433	.510	.008 - .030	1.437	1.008	.075 - .104	1.445	.322	.060 - .090	1.453	1.234	.010 - .020
1.416	.629	.005 - .010	1.421	.518	.090 - .120	1.433	.563	.005 - .010	1.437	1.031	.050 - .070	1.445	.350	.032 - .060	1.454	.568	.080 - .100
1.416	.635	.050 - .070	1.421	1.186	.100 - .120	1.433	.760	.040 - .060	1.437	1.093	.035 - .048	1.445	.690	.090 - .120	1.454	.756	.020 - .030
1.416	.709	.040 - .060	1.421	1.190	.010 - .020	1.433	1.039	.005 - .010	1.437	1.103	.080 - .100	1.445	.934	.050 - .060	1.454	1.014	.015 - .030
1.416	.793	.005 - .010	1.422	.408	.005 - .020	1.433	1.050	.040 - .060	1.437	1.123	.005 - .030	1.445	1.044	.045 - .060	1.454	1.102	.005 - .010
1.416	.965	.040 - .060	1.422	.697	.065 - .080	1.433	1.095	.020 - .030	1.437	1.132	.030 - .050	1.446	.179	.005 - .010	1.454	1.282	.050 - .070
1.416	1.030	.100 - .120	1.422	.880	.060 - .090	1.433	1.350	.010 - .020	1.437	1.172	.005 - .010	1.446	.240	.090 - .120	1.455	.475	.125 - .135
1.416	1.039	.040 - .060	1.422	.945	.090 - .105	1.434	.361	.005 - .010	1.437	1.185	.015 - .070	1.446	.250	.050 - .070	1.455	.637	.040 - .050
1.416	1.111	.005 - .030	1.422	1.058	.042 - .060	1.434	.751	.100 - .125	1.437	1.201	.060 - .080	1.446	.253	.105 - .135	1.455	.638	.085 - .100
1.416	1.141	.040 - .060	1.422	1.235	.005 - .010	1.434	.753	.005 - .010	1.437	1.250	.005 - .010	1.446	.254	.100 - .125	1.455	.754	.005 - .010
1.416	1.226	.025 - .040	1.423	.156	.030 - .050	1.434	.873	.120 - .135	1.437	1.281	.025 - .040	1.446	.315	.100 - .125	1.455	1.000	.015 - .030
1.416	1.338	.010 - .020	1.423	.157	.080 - .104	1.434	.936	.090 - .120	1.437	1.313	.005 - .010	1.446	.318	.105 - .125	1.455	1.065	.040 - .060
1.417	.125	.010 - .020	1.423	.864	.020 - .040	1.434	1.125	.015 - .030	1.438	.258	.105 - .125	1.446	1.062	.005 - .015	1.455	1.101	.040 - .050
1.417	.413	.060 - .080	1.423	.880	.010 - .020	1.434	1.315	.010 - .020	1.438	.281	.120 - .135	1.447	.406	.100 - .125	1.456	.315	.020 - .030
1.417	.474	.005 - .020	1.423	.882	.005 - .030	1.435	.207	.100 - .125	1.438	.345	.040 - .060	1.447	.596	.005 - .010	1.456	.826	.105 - .135
1.417	.477	.005 - .020	1.423	1.000	.031 - .042	1.435	.270	.005 - .010	1.438	.377	.010 - .030	1.447	.837	.100 - .125	1.456	1.066	.030 - .050
1.417	.511	.105 - .125	1.423	1.288	.005 - .010	1.435	.316	.015 - .030	1.438	.562	.005 - .010	1.447	1.064	.080 - .100	1.456	1.082	.015 - .030
1.417	.519	.080 - .104	1.423	1.289	.010 - .030	1.435	.377	.005 - .010	1.438	.669	.020 - .030	1.447	1.136	.105 - .125	1.457	.502	.005 - .010
1.417	.548	.050 - .070	1.424	.440	.060 - .070	1.435	.379	.020 - .040	1.438	.682	.060 - .080	1.447	1.203	.032 - .060	1.457	.505	.005 - .020
1.417	.580	.075 - .090	1.424	.505	.005 - .010	1.435	.500	.005 - .010	1.438	.751	.100 - .125	1.448	.125	.030 - .050	1.457	.675	.050 - .070
1.417	.632	.005 - .010	1.424	.506	.010 - .020	1.435	.563	.010 - .020	1.438	.765	.005 - .010	1.448	.390	.040 - .050	1.457	1.022	.005 - .010
1.417	.825	.050 - .070	1.425	.316	.015 - .030	1.435	.665	.005 - .010	1.438	.811	.125 - .156	1.448	.441	.010 - .020	1.457	1.200	.015 - .025
1.417	.912	.135 - .187	1.425	.377	.005 - .020	1.435	.750	.020 - .030	1.438	.881	.080 - .100	1.448	.575	.050 - .070	1.457	1.295	.020 - .030
1.417	.983	.060 - .080	1.425	.438	.010 - .020	1.435	.875	.005 - .010	1.438	.938	.040 - .060	1.448	.630	.005 - .010	1.457	1.345	.020 - .040
1.417	.997	.050 - .070	1.425	.440	.070 - .090	1.435	1.082	.070 - .090	1.438	.998	.005 - .010	1.448	1.031	.075 - .090	1.458	.670	.100 - .120
1.417	1.006	.030 - .040	1.425	.502	.005 - .020	1.435	1.107	.020 - .040	1.438	1.039	.030 - .050	1.448	1.052	.030 - .050	1.458	.873	.030 - .050
1.417	1.031	.050 - .060	1.425	.504	.005 - .020	1.435	1.192	.040 - .060	1.438	1.065	.036 - .050	1.448	1.053	.040 - .060	1.458	.984	.005 - .010
1.417	1.070	.020 - .040	1.425	.505	.010 - .020	1.435	1.257	.005 - .010	1.438	1.100	.050 - .070	1.448	1.057	.005 - .010	1.458	1.124	.042 - .062
1.417	1.182	.050 - .070	1.425	.508	.005 - .010	1.435	1.315	.010 - .020	1.438	1.150	.005 - .010	1.448	1.091	.010 - .020	1.458	1.254	.020 - .040
1.418	.204	.040 - .060	1.425														

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.461	1.340	.005 - .010	1.474	1.357	.005 - .010	1.485	.846	.005 - .020	1.493	.433	.105 - .125	1.496	.720	.010 - .020	1.498	.607	.005 - .010
1.461	1.362	.020 - .030	1.474	1.358	.015 - .025	1.485	.901	.134 - .156	1.493	.521	.005 - .010	1.496	.762	.005 - .010	1.498	.625	.040 - .060
1.462	.502	.080 - .100	1.475	.499	.005 - .010	1.485	.919	.030 - .040	1.493	.748	.015 - .030	1.496	.767	.010 - .020	1.498	.687	.030 - .125
1.462	.563	.048 - .062	1.475	.500	.110 - .130	1.485	.970	.032 - .042	1.493	.758	.032 - .060	1.496	.783	.100 - .125	1.498	.688	.105 - .125
1.462	1.070	.080 - .100	1.475	.504	.006 - .015	1.485	1.108	.050 - .070	1.493	.776	.020 - .030	1.496	.900	.005 - .010	1.498	.690	.100 - .125
1.462	1.247	.008 - .075	1.475	.526	.080 - .100	1.485	1.166	.015 - .030	1.493	.810	.005 - .010	1.496	.946	.005 - .010	1.498	.754	.020 - .030
1.463	.480	.090 - .110	1.475	.620	.005 - .010	1.485	1.223	.015 - .030	1.493	1.008	.050 - .070	1.496	.994	.010 - .020	1.498	.757	.040 - .060
1.463	.813	.090 - .110	1.475	.626	.005 - .020	1.485	1.250	.005 - .012	1.493	1.062	.030 - .050	1.496	1.002	.015 - .030	1.498	.771	.005 - .048
1.463	1.211	.015 - .025	1.475	.751	.005 - .020	1.485	1.357	.015 - .025	1.493	1.136	.010 - .025	1.496	1.003	.040 - .060	1.498	.819	.005 - .010
1.463	1.224	.015 - .030	1.475	.828	.062 - .090	1.486	.139	.005 - .010	1.493	1.191	.030 - .050	1.496	1.007	.005 - .010	1.498	.825	.005 - .010
1.464	.590	.005 - .010	1.475	.834	.005 - .010	1.486	.650	.100 - .125	1.493	1.229	.005 - .010	1.496	1.014	.060 - .080	1.498	.844	.100 - .125
1.464	.741	.042 - .062	1.475	1.169	.040 - .060	1.486	.803	.005 - .010	1.493	1.242	.005 - .010	1.496	1.017	.050 - .075	1.498	.867	.005 - .010
1.464	1.189	.015 - .025	1.475	1.360	.010 - .020	1.486	.830	.040 - .062	1.493	1.259	.010 - .020	1.496	1.060	.005 - .010	1.498	.902	.025 - .040
1.465	.377	.030 - .060	1.476	.255	.005 - .010	1.486	.893	.005 - .010	1.493	1.273	.060 - .070	1.496	1.066	.005 - .010	1.498	.979	.050 - .070
1.465	.378	.010 - .050	1.476	.500	.005 - .030	1.486	.906	.005 - .010	1.493	1.299	.005 - .010	1.496	1.102	.070 - .090	1.498	.997	.030 - .050
1.465	.812	.105 - .134	1.476	.650	.005 - .010	1.486	1.090	.050 - .075	1.493	1.314	.005 - .010	1.496	1.114	.010 - .020	1.498	1.000	.060 - .080
1.465	1.095	.050 - .075	1.476	1.359	.010 - .020	1.486	1.229	.070 - .090	1.494	.271	.015 - .030	1.496	1.162	.005 - .010	1.498	1.012	.040 - .060
1.465	1.190	.025 - .040	1.477	.617	.010 - .020	1.486	1.330	.005 - .015	1.494	.330	.005 - .020	1.496	1.181	.010 - .020	1.498	1.014	.100 - .125
1.465	1.262	.060 - .080	1.477	1.201	.010 - .040	1.486	1.380	.015 - .030	1.494	.474	.005 - .010	1.496	1.189	.005 - .010	1.498	1.015	.005 - .015
1.465	1.306	.035 - .050	1.478	1.099	.080 - .100	1.487	.949	.080 - .104	1.494	.477	.005 - .010	1.496	1.216	.010 - .020	1.498	1.021	.005 - .010
1.465	1.325	.015 - .030	1.478	1.310	.025 - .042	1.487	1.128	.005 - .010	1.494	.637	.005 - .010	1.496	1.221	.040 - .060	1.498	1.032	.020 - .040
1.466	.379	.030 - .050	1.479	.470	.080 - .110	1.487	1.233	.015 - .030	1.494	.650	.007 - .020	1.496	1.245	.020 - .040	1.498	1.033	.005 - .010
1.466	.596	.005 - .010	1.479	.600	.020 - .030	1.487	1.368	.020 - .030	1.494	.760	.060 - .080	1.496	1.253	.050 - .070	1.498	1.040	.105 - .135
1.466	1.064	.005 - .010	1.479	.786	.134 - .156	1.487	1.374	.010 - .020	1.494	.857	.080 - .104	1.496	1.255	.040 - .060	1.498	1.065	.005 - .012
1.466	1.072	.030 - .050	1.479	1.133	.015 - .030	1.488	.390	.020 - .030	1.494	.937	.030 - .050	1.496	1.260	.005 - .075	1.498	1.066	.030 - .050
1.466	1.155	.020 - .040	1.479	1.147	.005 - .010	1.488	.550	.100 - .125	1.494	1.024	.030 - .050	1.496	1.270	.005 - .010	1.498	1.071	.015 - .030
1.466	1.268	.030 - .050	1.479	1.361	.005 - .020	1.488	.804	.050 - .070	1.494	1.057	.080 - .104	1.496	1.311	.010 - .020	1.498	1.072	.110 - .130
1.466	1.272	.005 - .010	1.480	.221	.062 - .080	1.488	.880	.005 - .010	1.494	1.060	.064 - .078	1.497	.145	.020 - .040	1.498	1.098	.030 - .060
1.467	.841	.015 - .030	1.480	.511	.105 - .125	1.488	1.043	.005 - .010	1.494	1.075	.050 - .060	1.497	.195	.025 - .042	1.498	1.125	.090 - .120
1.467	.939	.075 - .090	1.480	.632	.100 - .125	1.488	1.217	.010 - .020	1.494	1.092	.040 - .060	1.497	.375	.050 - .083	1.498	1.130	.100 - .120
1.467	1.038	.030 - .050	1.480	.640	.156 - .188	1.488	1.313	.030 - .042	1.494	1.175	.015 - .025	1.497	.377	.105 - .125	1.498	1.169	.025 - .040
1.467	1.126	.075 - .100	1.480	.677	.005 - .010	1.488	1.330	.030 - .042	1.494	1.201	.035 - .050	1.497	.379	.042 - .062	1.498	1.178	.010 - .020
1.468	.310	.010 - .020	1.480	.702	.015 - .060	1.488	1.350	.005 - .010	1.494	1.265	.005 - .010	1.497	.386	.062 - .080	1.498	1.268	.040 - .060
1.468	.384	.080 - .105	1.480	.707	.090 - .105	1.489	.383	.070 - .090	1.494	1.270	.010 - .015	1.497	.421	.156 - .187	1.498	1.305	.030 - .050
1.468	.391	.050 - .070	1.480	.769	.005 - .010	1.489	1.004	.050 - .070	1.494	1.305	.005 - .010	1.497	.477	.005 - .010	1.498	1.319	.005 - .010
1.468	.440	.010 - .020	1.480	.774	.110 - .130	1.489	1.165	.015 - .030	1.494	1.338	.010 - .020	1.497	.515	.100 - .125	1.498	1.321	.030 - .048
1.468	.640	.050 - .075	1.480	.776	.050 - .070	1.489	1.260	.050 - .075	1.494	1.342	.008 - .015	1.497	.559	.100 - .125	1.498	1.378	.005 - .010
1.468	.820	.005 - .010	1.480	.784	.075 - .090	1.490	.170	.025 - .042	1.494	1.414	.015 - .025	1.497	.612	.020 - .030	1.498	1.396	.015 - .025
1.468	.988	.005 - .010	1.480	.824	.105 - .135	1.490	.171	.030 - .050	1.494	1.425	.025 - .040	1.497	.620	.010 - .060	1.499	.098	.050 - .075
1.468	1.235	.010 - .020	1.480	.984	.070 - .090	1.490	.243	.080 - .100	1.495	.263	.005 - .010	1.497	.632	.010 - .020	1.499	.127	.080 - .090
1.468	1.250	.005 - .010	1.480	1.049	.120 - .156	1.490	.325	.156 - .187	1.495	.276	.005 - .010	1.497	.655	.075 - .100	1.499	.167	.005 - .010
1.468	1.310	.020 - .032	1.480	1.120	.010 - .020	1.490	.511	.105 - .125	1.495	.294	.020 - .032	1.497	.723	.060 - .083	1.499	.187	.020 - .040
1.469	.665	.100 - .120	1.480	1.134	.110 - .125	1.490	.580	.015 - .030	1.495	.295	.100 - .125	1.497	.753	.025 - .040	1.499	.197	.125 - .156
1.469	.750	.080 - .090	1.480	1.154	.030 - .060	1.490	.630	.010 - .020	1.495	.354	.105 - .135	1.497	.755	.025 - .042	1.499	.213	.005 - .010
1.469	.808	.005 - .010	1.480	1.232	.005 - .010	1.490	.688	.080 - .100	1.495	.355	.005 - .010	1.497	.757	.010 - .030	1.499	.268	.070 - .090
1.470	.171	.005 - .010	1.480	1.269	.080 - .105	1.490	.760	.020 - .030	1.495	.375	.030 - .050	1.497	.763	.005 - .015	1.499	.281	.100 - .125
1.470	.203	.010 - .020	1.480	1.276	.040 - .060	1.490	.764	.030 - .050	1.495	.459	.156 - .187	1.497	.772	.030 - .048	1.499	.303	.040 - .060
1.470	.610	.100 - .125	1.480	1.279	.005 - .010	1.490	.820	.040 - .060	1.495	.500	.105 - .125	1.497	.810	.005 - .010	1.499	.314	.010 - .020
1.470	.635	.005 - .010	1.481	.269	.042 - .062	1.490	.875	.100 - .125	1.495	.510	.070 - .090	1.497	.891	.005 - .010	1.499	.374	.030 - .050
1.470	.752	.005 - .010	1.481	.622	.010 - .020	1.490	1.004	.005 - .010	1.495	.545	.010 - .020	1.497	.906	.100 - .120	1.499	.385	.135 - .156
1.470	.782	.100 - .125	1.481	.936	.005 - .010	1.490	1.063	.080 - .100	1.495	.629	.040 - .050	1.497	1.060	.100 - .125	1.499	.391	.156 - .190
1.470	.820	.010 - .020	1.481	1.108	.025 - .042	1.490	1.125	.005 - .010	1.495	.682	.010 - .020	1.497	1.113	.030 - .050	1.499	.399	.005 - .010
1.470	.833	.100 - .156	1.482	.250	.015 - .030	1.490	1.130	.010 - .025	1.495	1.010	.015 - .030	1.497	1.119	.040 - .060	1.499	.420	.005 - .010
1.470	1.062	.048 - .075	1.482	.632	.135 - .156	1.490	1.140	.025 - .050	1.495	1.028	.060 - .080	1.497	1.126	.135 - .156	1.499	.474	.005 - .010
1.470	1.094	.015 - .030	1.482	.774	.120 - .135	1.490	1.170	.015 - .030	1.495	1.058	.005 - .010	1.497	1.137	.005 - .010	1.499	.485	.050 - .075
1.470	1.111	.040 - .050	1.482	.882	.020 - .040	1.490	1.190	.005 - .010	1.495	1.086	.005 - .010	1.497	1.150	.090 - .110	1.499	.504	.005 - .020
1.470	1.150	.025 - .042	1.482	.884	.020 - .040	1.490	1.192	.005 - .010	1.495	1.116	.090 - .104	1.497	1.154	.025 - .040	1.499	.533	.005 - .010
1.470	1.226	.040 - .060	1.482	1.222	.050 - .070	1.490	1.193	.010 - .020	1.495	1.120	.005 - .010	1.497	1.242	.030 - .050	1.499	.561	.005 - .010
1.470	1.375	.005 - .010	1.483	.755	.105 - .125	1.490	1.242	.090 - .125	1.495	1.182	.060 - .080	1.497	1.252	.005 - .012	1.499	.562	.015 - .025
1.471	.688	.062 - .080	1.483	1.063	.110 - .130	1.490	1.272	.060 - .080	1.495	1.185	.020 - .030	1.497	1.267	.040 - .062	1.499	.563	.010 - .020
1.471	.758	.090 - .120	1.484	.070	.005 - .010	1.490	1.280	.005 - .010	1.495	1.201	.010 - .025	1.497	1.283	.005 - .010	1.499	.574	.050 - .060
1.471	.759	.100 - .125	1.484	.132	.015 - .030	1.490	1.290	.040 - .060	1.495	1.255	.010 - .020	1.497	1.352	.010 - .020			

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.499	1.000	.015 - .030	1.500	.411	.020 - .050	1.500	.853	.080 - .104	1.500	1.264	.020 - .030	1.504	.811	.100 - .125	1.523	.507	.005 - .020
1.499	1.003	.005 - .012	1.500	.413	.075 - .090	1.500	.871	.010 - .020	1.500	1.265	.005 - .010	1.504	1.036	.120 - .135	1.523	.584	.050 - .070
1.499	1.011	.110 - .130	1.500	.437	.040 - .125	1.500	.873	.170 - .190	1.500	1.266	.010 - .020	1.504	1.230	.062 - .090	1.523	1.467	.005 - .010
1.499	1.046	.050 - .075	1.500	.438	.180 - .187	1.500	.874	.020 - .040	1.500	1.274	.010 - .020	1.504	1.287	.040 - .060	1.524	.329	.110 - .130
1.499	1.047	.040 - .060	1.500	.440	.005 - .080	1.500	.876	.100 - .125	1.500	1.275	.008 - .018	1.504	1.378	.010 - .020	1.524	.432	.100 - .125
1.499	1.052	.050 - .070	1.500	.442	.005 - .032	1.500	.877	.100 - .125	1.500	1.277	.090 - .125	1.505	.408	.015 - .030	1.524	.435	.040 - .060
1.499	1.059	.070 - .090	1.500	.450	.100 - .125	1.500	.880	.010 - .020	1.500	1.282	.008 - .016	1.505	.417	.050 - .070	1.524	.560	.040 - .060
1.499	1.098	.030 - .050	1.500	.451	.005 - .010	1.500	.882	.110 - .134	1.500	1.298	.010 - .025	1.505	.440	.156 - .187	1.524	1.274	.042 - .060
1.499	1.117	.040 - .060	1.500	.453	.170 - .190	1.500	.883	.040 - .125	1.500	1.300	.050 - .075	1.505	.510	.105 - .125	1.524	1.416	.040 - .060
1.499	1.123	.080 - .100	1.500	.454	.100 - .125	1.500	.886	.156 - .187	1.500	1.301	.050 - .070	1.505	.845	.025 - .035	1.525	.250	.050 - .070
1.499	1.135	.040 - .060	1.500	.479	.156 - .187	1.500	.892	.105 - .120	1.500	1.316	.010 - .020	1.505	1.003	.015 - .030	1.525	.265	.005 - .010
1.499	1.142	.005 - .012	1.500	.497	.105 - .125	1.500	.893	.062 - .090	1.500	1.332	.025 - .040	1.505	1.109	.040 - .060	1.525	.268	.005 - .010
1.499	1.150	.040 - .060	1.500	.498	.070 - .090	1.500	.900	.040 - .060	1.500	1.358	.050 - .070	1.505	1.310	.015 - .025	1.525	.501	.005 - .010
1.499	1.202	.005 - .015	1.500	.500	.005 - .060	1.500	.904	.104 - .125	1.500	1.376	.015 - .060	1.506	1.249	.050 - .075	1.525	.617	.050 - .060
1.499	1.250	.050 - .075	1.500	.502	.005 - .030	1.500	.908	.026 - .048	1.500	1.389	.030 - .050	1.507	1.324	.005 - .010	1.525	.657	.005 - .010
1.499	1.256	.030 - .040	1.500	.505	.005 - .050	1.500	.910	.140 - .160	1.501	.125	.075 - .090	1.508	.315	.105 - .125	1.525	.685	.040 - .060
1.499	1.260	.040 - .060	1.500	.506	.005 - .125	1.500	.934	.040 - .060	1.501	.188	.020 - .040	1.508	.910	.080 - .105	1.525	.800	.010 - .020
1.500			1.500	.512	.060 - .156	1.500	.935	.030 - .040	1.501	.190	.005 - .010	1.509	.301	.090 - .120	1.525	1.231	.005 - .010
			1.500	.513	.100 - .125	1.500	.937	.050 - .075	1.501	.200	.100 - .125	1.509	.781	.090 - .105	1.525	1.310	.025 - .040
			1.500	.515	.100 - .125	1.500	.938	.093 - .109	1.501	.280	.060 - .090	1.510	.510	.060 - .080	1.525	1.316	.070 - .090
			1.500	.519	.080 - .104	1.500	.942	.105 - .134	1.501	.336	.105 - .125	1.510	.900	.030 - .050	1.525	1.335	.040 - .060
			1.500	.521	.105 - .125	1.500	.954	.050 - .070	1.501	.372	.050 - .070	1.510	1.032	.015 - .030	1.526	1.280	.040 - .060
1.500			1.500	.530	.015 - .125	1.500	.958	.020 - .040	1.501	.382	.005 - .012	1.510	1.089	.015 - .030	1.526	1.310	.025 - .042
			1.500	.536	.006 - .134	1.500	.970	.080 - .100	1.501	.385	.090 - .125	1.510	1.236	.005 - .010	1.526	1.345	.005 - .010
			1.500	.537	.030 - .048	1.500	.975	.005 - .010	1.501	.437	.005 - .010	1.510	1.258	.005 - .010	1.526	1.376	.050 - .070
			1.500	.550	.090 - .125	1.500	.993	.025 - .040	1.501	.508	.030 - .050	1.510	1.312	.060 - .070	1.527	1.317	.060 - .078
			1.500	.560	.005 - .015	1.500	.996	.050 - .070	1.501	.514	.005 - .010	1.511	.213	.090 - .100	1.527	1.418	.015 - .030
1.500	.126	.040 - .060	1.500	.562	.050 - .190	1.500	1.001	.005 - .015	1.501	.626	.010 - .020	1.511	.630	.080 - .105	1.528	.187	.025 - .040
1.500	.130	.020 - .032	1.500	.563	.015 - .030	1.500	1.002	.040 - .090	1.501	.715	.005 - .010	1.511	.792	.090 - .105	1.528	.195	.050 - .100
1.500	.135	.090 - .104	1.500	.564	.100 - .120	1.500	1.003	.005 - .156	1.501	.755	.010 - .020	1.511	.823	.170 - .190	1.528	.250	.010 - .030
1.500	.150	.040 - .062	1.500	.571	.025 - .040	1.500	1.004	.015 - .050	1.501	.773	.100 - .125	1.511	1.015	.005 - .010	1.528	.728	.005 - .010
1.500	.156	.030 - .125	1.500	.577	.010 - .015	1.500	1.005	.010 - .070	1.501	.817	.100 - .125	1.511	1.112	.050 - .075	1.528	1.009	.050 - .070
1.500	.157	.030 - .050	1.500	.579	.110 - .130	1.500	1.009	.040 - .140	1.501	.820	.040 - .060	1.511	1.113	.040 - .060	1.528	1.276	.010 - .020
1.500	.161	.100 - .125	1.500	.605	.050 - .070	1.500	1.010	.005 - .020	1.501	.840	.010 - .020	1.511	1.351	.005 - .010	1.528	1.285	.020 - .040
1.500	.163	.010 - .040	1.500	.625	.030 - .050	1.500	1.011	.010 - .020	1.501	.876	.040 - .060	1.512	1.227	.005 - .010	1.529	.466	.005 - .010
1.500	.185	.050 - .083	1.500	.626	.010 - .125	1.500	1.015	.040 - .190	1.501	.909	.050 - .070	1.514	.940	.125 - .135	1.529	.791	.030 - .050
1.500	.188	.005 - .010	1.500	.634	.005 - .010	1.500	1.018	.100 - .125	1.501	1.008	.080 - .100	1.514	1.126	.062 - .080	1.529	.984	.080 - .105
1.500	.194	.025 - .042	1.500	.636	.060 - .180	1.500	1.019	.005 - .012	1.501	1.009	.005 - .010	1.515	.583	.120 - .134	1.529	1.052	.080 - .100
1.500	.195	.048 - .075	1.500	.638	.020 - .040	1.500	1.020	.005 - .125	1.501	1.010	.005 - .010	1.515	.765	.050 - .070	1.529	1.117	.100 - .110
1.500	.200	.010 - .030	1.500	.640	.110 - .130	1.500	1.022	.020 - .040	1.501	1.012	.030 - .050	1.515	.892	.045 - .060	1.529	1.259	.020 - .040
1.500	.209	.105 - .125	1.500	.655	.005 - .020	1.500	1.023	.005 - .010	1.501	1.121	.020 - .030	1.515	1.360	.010 - .015	1.529	1.360	.020 - .040
1.500	.219	.050 - .070	1.500	.656	.075 - .130	1.500	1.025	.105 - .125	1.501	1.132	.025 - .050	1.515	1.360	.040 - .060	1.529	1.416	.020 - .030
1.500	.245	.032 - .060	1.500	.660	.040 - .060	1.500	1.032	.048 - .134	1.501	1.133	.060 - .080	1.515	1.375	.020 - .040	1.529	1.453	.005 - .010
1.500	.250	.010 - .020	1.500	.665	.005 - .010	1.500	1.036	.008 - .105	1.501	1.188	.050 - .070	1.515	1.378	.010 - .020	1.530	.251	.015 - .030
1.500	.259	.060 - .090	1.500	.687	.030 - .050	1.500	1.041	.005 - .010	1.501	1.251	.020 - .030	1.516	.293	.050 - .075	1.530	.282	.060 - .080
1.500	.265	.100 - .125	1.500	.688	.050 - .070	1.500	1.043	.005 - .010	1.501	1.290	.005 - .010	1.516	.915	.050 - .070	1.530	.312	.030 - .050
1.500	.266	.015 - .025	1.500	.690	.120 - .135	1.500	1.050	.156 - .187	1.502	.185	.105 - .135	1.516	1.194	.005 - .010	1.530	.536	.005 - .010
1.500	.267	.005 - .010	1.500	.694	.005 - .010	1.500	1.062	.050 - .075	1.502	.220	.060 - .080	1.516	1.199	.005 - .010	1.530	.548	.005 - .010
1.500	.269	.030 - .048	1.500	.700	.070 - .090	1.500	1.063	.020 - .040	1.502	.345	.080 - .104	1.517	.755	.090 - .104	1.530	.832	.020 - .030
1.500	.275	.080 - .090	1.500	.701	.050 - .070	1.500	1.065	.010 - .060	1.502	.349	.030 - .048	1.518	.770	.050 - .070	1.530	1.031	.075 - .090
1.500	.280	.040 - .060	1.500	.703	.005 - .010	1.500	1.071	.005 - .010	1.502	.375	.060 - .125	1.518	1.195	.050 - .070	1.530	1.141	.050 - .070
1.500	.281	.156 - .187	1.500	.713	.005 - .010	1.500	1.092	.005 - .030	1.502	.411	.005 - .010	1.518	1.405	.005 - .010	1.530	1.202	.010 - .030
1.500	.282	.008 - .015	1.500	.715	.005 - .020	1.500	1.093	.005 - .062	1.502	.441	.030 - .050	1.519	.271	.005 - .010	1.530	1.280	.050 - .070
1.500	.283	.005 - .010	1.500	.721	.104 - .125	1.500	1.115	.005 - .010	1.502	.444	.120 - .135	1.519	.623	.005 - .010	1.531	.333	.005 - .010
1.500	.303	.005 - .010	1.500	.725	.070 - .090	1.500	1.122	.032 - .048	1.502	.562	.134 - .187	1.519	.689	.060 - .080	1.531	.390	.100 - .125
1.500	.311	.104 - .134	1.500	.749	.010 - .025	1.500	1.127	.005 - .010	1.502	.563	.005 - .010	1.520	.195	.035 - .050	1.531	.516	.060 - .080
1.500	.312	.160 - .190	1.500	.753	.010 - .125	1.500	1.129	.060 - .083	1.502	.648	.100 - .120	1.520	.328	.015 - .020	1.531	.625	.005 - .010
1.500	.313	.062 - .080	1.500	.754	.040 - .060	1.500	1.136	.105 - .125	1.502	.656	.156 - .188	1.520	.753	.060 - .080	1.531	.689	.060 - .080
1.500	.315	.008 - .110	1.500	.758	.105 - .125	1.500	1.156	.015 - .030	1.502	.752	.105 - .125	1.520	.760	.100 - .110	1.531	.776	.025 - .040
1.500	.325	.048 - .075	1.500	.760	.030 - .050	1.500	1.157	.025 - .042	1.502	.877	.080 - .100	1.520	.801	.030 - .050	1.531	.808	.030 - .050
1.500	.327	.005 - .010	1.500	.761	.100 - .125	1.500	1.170	.005 - .010	1.502	.885	.005 - .010	1.520	.804	.050 - .070	1.531	1.000	.020 - .032
1.500	.330	.120 - .135	1.500	.765	.020 - .080	1.500	1.171	.070 - .090	1.502	.891	.025 - .040	1.520	.808	.040 - .070	1.531	1.015	.025 - .042
1.500	.340	.005 - .010	1.500	.768	.020 - .030	1.500	1.175	.030 - .050	1.502	.960	.060 - .080	1.520	.811	.080 - .100	1.531	1.223	

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.535	.670	.020 - .040	1.549	1.007	.005 - .010	1.559	1.315	.006 - .040	1.562	1.002	.120 - .134	1.569	.756	.105 - .125	1.575	.599	.005 - .010
1.535	.697	.156 - .164	1.549	1.226	.030 - .050	1.559	1.439	.005 - .020	1.562	1.008	.040 - .060	1.569	.807	.090 - .105	1.575	.630	.005 - .010
1.535	.710	.005 - .010	1.550	.245	.042 - .075	1.560	.191	.020 - .040	1.562	1.032	.083 - .105	1.569	.884	.105 - .125	1.575	.643	.070 - .090
1.535	.710	.020 - .040	1.550	.368	.020 - .035	1.560	.242	.015 - .030	1.562	1.063	.015 - .025	1.569	1.030	.025 - .040	1.575	.708	.105 - .125
1.535	.788	.050 - .070	1.550	.438	.005 - .030	1.560	.381	.125 - .156	1.562	1.128	.030 - .048	1.569	1.140	.070 - .090	1.575	.709	.015 - .030
1.535	.867	.105 - .125	1.550	.440	.005 - .010	1.560	.391	.080 - .105	1.562	1.140	.050 - .070	1.569	1.187	.040 - .060	1.575	.712	.040 - .060
1.535	.904	.100 - .125	1.550	.449	.010 - .020	1.560	.392	.080 - .105	1.562	1.155	.015 - .032	1.569	1.285	.010 - .020	1.575	.789	.025 - .040
1.535	1.064	.080 - .104	1.550	.500	.050 - .070	1.560	.455	.100 - .125	1.562	1.187	.005 - .010	1.569	1.320	.015 - .030	1.575	.794	.005 - .010
1.535	1.138	.005 - .020	1.550	.502	.005 - .010	1.560	.508	.100 - .125	1.562	1.188	.020 - .040	1.569	1.331	.040 - .060	1.575	.827	.040 - .060
1.535	1.140	.030 - .040	1.550	.505	.010 - .020	1.560	.563	.015 - .030	1.562	1.203	.025 - .048	1.570	.168	.008 - .012	1.575	.879	.005 - .010
1.535	1.290	.005 - .010	1.550	.522	.005 - .010	1.560	.619	.005 - .010	1.562	1.313	.005 - .010	1.570	.256	.080 - .100	1.575	.953	.090 - .100
1.535	1.300	.060 - .080	1.550	.564	.010 - .020	1.560	.772	.005 - .010	1.562	1.320	.060 - .080	1.570	.346	.010 - .020	1.575	.985	.010 - .156
1.535	1.344	.012 - .025	1.550	.626	.005 - .020	1.560	.839	.050 - .070	1.562	1.323	.105 - .125	1.570	.526	.080 - .100	1.575	.986	.050 - .070
1.535	1.378	.020 - .035	1.550	.629	.005 - .010	1.560	.845	.025 - .048	1.562	1.346	.030 - .050	1.570	.720	.005 - .010	1.575	1.025	.030 - .050
1.536	.188	.090 - .120	1.550	.635	.015 - .035	1.560	.883	.030 - .050	1.562	1.347	.040 - .060	1.570	.813	.030 - .050	1.575	1.063	.040 - .060
1.536	.501	.010 - .020	1.550	.704	.005 - .010	1.560	.891	.020 - .040	1.562	1.348	.062 - .075	1.570	.870	.005 - .010	1.575	1.110	.005 - .010
1.536	.576	.015 - .030	1.550	.750	.020 - .040	1.560	1.063	.135 - .156	1.562	1.354	.005 - .010	1.570	.906	.100 - .125	1.575	1.110	.060 - .080
1.536	.651	.015 - .030	1.550	.752	.105 - .125	1.560	1.100	.005 - .010	1.562	1.374	.025 - .040	1.570	1.003	.035 - .060	1.575	1.178	.156 - .187
1.536	.694	.015 - .020	1.550	.755	.010 - .020	1.560	1.140	.005 - .010	1.562	1.375	.020 - .040	1.570	1.031	.080 - .105	1.575	1.200	.040 - .050
1.536	.710	.005 - .010	1.550	.814	.050 - .070	1.560	1.200	.150 - .170	1.562	1.376	.005 - .010	1.570	1.032	.100 - .125	1.575	1.220	.005 - .015
1.536	.712	.030 - .050	1.550	1.221	.005 - .010	1.560	1.207	.010 - .020	1.562	1.437	.010 - .020	1.570	1.190	.032 - .042	1.575	1.240	.030 - .050
1.536	.811	.005 - .010	1.550	1.235	.050 - .075	1.560	1.261	.070 - .080	1.563	.203	.050 - .070	1.570	1.191	.125 - .156	1.575	1.338	.005 - .010
1.536	1.009	.050 - .070	1.550	1.250	.005 - .010	1.560	1.315	.015 - .025	1.563	.439	.005 - .010	1.570	1.220	.050 - .070	1.575	1.389	.070 - .090
1.536	1.024	.135 - .156	1.550	1.255	.015 - .025	1.560	1.319	.005 - .010	1.563	.638	.005 - .010	1.570	1.250	.005 - .010	1.575	1.474	.005 - .010
1.537	.407	.075 - .125	1.550	1.321	.010 - .020	1.560	1.320	.015 - .025	1.563	.690	.032 - .060	1.570	1.259	.030 - .040	1.576	.414	.160 - .190
1.537	.501	.010 - .020	1.550	1.415	.005 - .010	1.560	1.331	.050 - .070	1.563	.762	.005 - .010	1.571	.379	.080 - .100	1.576	.477	.010 - .020
1.537	.670	.005 - .010	1.550	1.416	.015 - .020	1.560	1.353	.005 - .010	1.563	.878	.025 - .040	1.571	.870	.100 - .120	1.576	.630	.005 - .010
1.537	1.288	.042 - .062	1.550	1.439	.005 - .010	1.560	1.376	.025 - .040	1.563	.892	.075 - .100	1.571	1.018	.100 - .125	1.576	.670	.015 - .030
1.537	1.296	.005 - .010	1.551	.289	.050 - .070	1.561	.161	.020 - .030	1.563	.999	.105 - .125	1.571	1.038	.005 - .015	1.576	.826	.125 - .156
1.539	.562	.010 - .020	1.551	.438	.010 - .020	1.561	.251	.040 - .060	1.563	1.005	.110 - .130	1.571	1.146	.070 - .090	1.576	.828	.010 - .020
1.539	1.206	.015 - .030	1.551	.440	.010 - .020	1.561	.259	.083 - .125	1.563	1.062	.005 - .010	1.572	.476	.005 - .010	1.576	.926	.005 - .010
1.539	1.220	.015 - .030	1.551	1.026	.060 - .080	1.561	.562	.005 - .010	1.563	1.131	.050 - .070	1.572	.569	.050 - .060	1.576	1.092	.050 - .070
1.539	1.336	.040 - .060	1.551	1.140	.010 - .020	1.561	.629	.075 - .105	1.563	1.347	.040 - .062	1.572	.625	.050 - .070	1.576	1.130	.005 - .010
1.539	1.359	.030 - .050	1.551	1.189	.105 - .125	1.561	.749	.040 - .060	1.563	1.402	.020 - .040	1.572	.754	.005 - .010	1.576	1.245	.025 - .040
1.539	1.462	.005 - .010	1.551	1.278	.060 - .080	1.561	.766	.100 - .125	1.564	.375	.048 - .075	1.572	.761	.020 - .040	1.576	1.474	.005 - .010
1.540	.512	.105 - .125	1.552	1.460	.005 - .010	1.561	.768	.025 - .040	1.564	.501	.025 - .040	1.572	1.254	.030 - .050	1.577	.515	.005 - .010
1.540	.563	.005 - .010	1.553	.854	.075 - .105	1.561	.883	.005 - .010	1.564	.511	.020 - .040	1.572	1.255	.025 - .040	1.577	.632	.040 - .060
1.540	.910	.015 - .030	1.553	.859	.080 - .100	1.561	.952	.030 - .050	1.564	.700	.020 - .030	1.572	1.258	.007 - .016	1.577	.771	.030 - .060
1.540	1.102	.025 - .040	1.553	1.158	.125 - .156	1.561	1.039	.030 - .050	1.564	.767	.010 - .020	1.572	1.452	.005 - .010	1.577	.829	.110 - .130
1.540	1.200	.020 - .030	1.554	.765	.080 - .104	1.561	1.040	.010 - .015	1.564	1.123	.020 - .040	1.573	.504	.090 - .135	1.577	.994	.015 - .030
1.540	1.290	.050 - .070	1.554	.883	.010 - .015	1.561	1.158	.040 - .060	1.564	1.135	.050 - .075	1.573	.641	.060 - .083	1.577	1.072	.090 - .110
1.541	.318	.020 - .030	1.554	1.000	.060 - .080	1.561	1.231	.040 - .060	1.564	1.189	.005 - .010	1.573	.648	.010 - .020	1.577	1.341	.070 - .090
1.541	1.008	.025 - .070	1.554	1.193	.060 - .080	1.561	1.261	.040 - .060	1.564	1.309	.005 - .010	1.573	.731	.040 - .062	1.578	.771	.025 - .040
1.541	1.030	.005 - .010	1.554	1.460	.005 - .010	1.561	1.390	.005 - .010	1.564	1.393	.015 - .030	1.573	.812	.015 - .030	1.578	1.063	.030 - .050
1.541	1.250	.050 - .070	1.555	.166	.080 - .104	1.561	1.433	.005 - .012	1.564	1.434	.005 - .010	1.573	.990	.005 - .010	1.578	1.292	.020 - .030
1.542	.833	.020 - .030	1.555	.650	.007 - .012	1.561	1.439	.005 - .010	1.565	.122	.020 - .040	1.573	1.013	.005 - .010	1.578	1.298	.010 - .015
1.542	.998	.005 - .010	1.555	1.060	.032 - .060	1.562	.201	.020 - .030	1.565	.562	.030 - .048	1.573	1.102	.060 - .080	1.579	.570	.005 - .010
1.542	1.193	.005 - .010	1.555	1.100	.090 - .120	1.562	.251	.090 - .104	1.565	1.192	.050 - .075	1.573	1.221	.030 - .050	1.579	1.232	.010 - .020
1.543	.431	.075 - .105	1.555	1.112	.080 - .105	1.562	.317	.008 - .016	1.565	1.228	.030 - .050	1.573	1.224	.135 - .156	1.579	1.378	.030 - .040
1.543	1.200	.020 - .030	1.555	1.133	.090 - .105	1.562	.351	.075 - .105	1.565	1.260	.010 - .020	1.573	1.264	.005 - .010	1.580	.785	.050 - .060
1.543	1.255	.050 - .075	1.555	1.196	.015 - .030	1.562	.378	.048 - .075	1.565	1.270	.030 - .042	1.573	1.374	.005 - .010	1.580	.795	.020 - .040
1.543	1.257	.025 - .040	1.555	1.250	.060 - .080	1.562	.406	.105 - .125	1.565	1.365	.015 - .030	1.574	.344	.105 - .125	1.580	.829	.090 - .105
1.543	1.261	.030 - .050	1.556	.164	.050 - .062	1.562	.408	.015 - .030	1.565	1.369	.050 - .075	1.574	.410	.005 - .010	1.580	.850	.050 - .060
1.544	1.169	.030 - .050	1.556	.511	.080 - .105	1.562	.447	.040 - .060	1.566	.257	.070 - .090	1.574	.434	.150 - .170	1.580	.887	.040 - .060
1.544	1.182	.025 - .040	1.556	1.192	.050 - .070	1.562	.562	.032 - .050	1.566	.502	.105 - .125	1.574	.474	.005 - .010	1.580	.953	.110 - .130
1.544	1.191	.005 - .010	1.556	1.260	.015 - .030	1.562	.563	.156 - .187	1.566	.980	.005 - .010	1.574	.475	.010 - .020	1.580	1.010	.030 - .050
1.544	1.481	.010 - .020	1.556	1.262	.020 - .040	1.562	.564	.005 - .020	1.566	1.330	.050 - .070	1.574	.502	.010 - .020	1.580	1.081	.010 - .020
1.545	.264	.030 - .050	1.556	1.405	.010 - .020	1.562	.656	.156 - .187	1.566	1.347	.035 - .050	1.574	.631	.010 - .020	1.580	1.135	.060 - .080
1.545	.437	.020 - .040	1.556	1.437	.032 - .050	1.562	.746	.075 - .105	1.566	1.416	.040 - .060	1.574	.828	.060 - .080	1.580	1.266	.040 - .060
1.545	1.060	.005 - .010	1.557	.396	.005 - .015	1.562	.750	.010 - .100	1.567	.729	.030 - .048	1.574	.954	.005 - .010	1.580	1.310	.005 - .010
1.545	1.156	.020 - .030	1.557	.407	.060 - .080	1.562	.762	.005 - .010	1.567	.935	.050 - .075	1.574	.984	.035 - .045	1.580	1.380	.015 - .030
1.545	1.191	.005 - .010	1.557	.770	.110 - .130	1.562	.765	.090 - .120	1.567	.978	.007 - .015	1.574					

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.585	1.260	.015 - .030	1.600	.630	.010 - .020	1.610	1.251	.015 - .030	1.620	.920	.010 - .020	1.625	.125	.020 - .040	1.625	1.328	.060 - .080
1.585	1.359	.050 - .062	1.600	.634	.105 - .125	1.610	1.259	.005 - .010	1.620	.940	.100 - .125	1.625	.137	.040 - .060	1.625	1.339	.050 - .075
1.586	.141	.060 - .090	1.600	.715	.105 - .120	1.610	1.275	.100 - .125	1.620	.963	.120 - .134	1.625	.172	.040 - .060	1.625	1.375	.020 - .070
1.586	1.265	.020 - .030	1.600	.751	.005 - .010	1.610	1.309	.005 - .010	1.620	1.120	.110 - .135	1.625	.199	.050 - .075	1.625	1.382	.090 - .105
1.586	1.290	.005 - .010	1.600	.754	.010 - .020	1.610	1.325	.030 - .050	1.620	1.122	.010 - .020	1.625	.231	.105 - .125	1.625	1.396	.080 - .100
1.587	.469	.010 - .020	1.600	.765	.050 - .060	1.610	1.358	.050 - .070	1.620	1.140	.070 - .095	1.625	.266	.005 - .010	1.625	1.398	.005 - .025
1.588	.700	.050 - .070	1.600	.800	.005 - .010	1.610	1.404	.070 - .090	1.620	1.144	.050 - .070	1.625	.330	.005 - .010	1.625	1.406	.070 - .090
1.588	1.006	.005 - .010	1.600	.827	.005 - .010	1.610	1.422	.020 - .035	1.620	1.190	.060 - .090	1.625	.344	.060 - .080	1.625	1.437	.060 - .080
1.588	1.118	.105 - .120	1.600	.874	.040 - .060	1.611	1.135	.005 - .010	1.620	1.261	.015 - .030	1.625	.362	.005 - .010	1.626	.251	.050 - .070
1.588	1.248	.020 - .035	1.600	.878	.025 - .040	1.611	1.410	.010 - .020	1.620	1.311	.005 - .010	1.625	.375	.032 - .105	1.626	.281	.080 - .100
1.589	.505	.025 - .040	1.600	.885	.030 - .040	1.612	1.135	.005 - .020	1.620	1.383	.005 - .010	1.625	.395	.105 - .125	1.626	.504	.010 - .020
1.590	.490	.090 - .125	1.600	.925	.080 - .100	1.612	1.280	.015 - .035	1.620	1.385	.050 - .070	1.625	.406	.050 - .070	1.626	.509	.105 - .135
1.590	.594	.100 - .125	1.600	1.000	.005 - .010	1.612	1.316	.030 - .050	1.620	1.470	.020 - .030	1.625	.412	.062 - .090	1.626	.516	.050 - .060
1.590	1.028	.005 - .010	1.600	1.012	.015 - .030	1.612	1.468	.010 - .020	1.621	.319	.025 - .036	1.625	.422	.040 - .060	1.626	.562	.005 - .010
1.590	1.299	.020 - .035	1.600	1.070	.025 - .125	1.612	1.499	.005 - .010	1.621	.758	.050 - .075	1.625	.430	.100 - .125	1.626	.757	.010 - .015
1.590	1.345	.010 - .060	1.600	1.101	.020 - .030	1.612	1.510	.005 - .010	1.621	1.265	.005 - .010	1.625	.465	.015 - .030	1.626	.780	.010 - .020
1.590	1.362	.060 - .080	1.600	1.125	.015 - .025	1.613	.315	.025 - .040	1.621	1.275	.020 - .040	1.625	.475	.015 - .135	1.626	1.007	.025 - .040
1.592	.407	.048 - .062	1.600	1.128	.010 - .020	1.613	.778	.020 - .040	1.621	1.317	.025 - .042	1.625	.498	.005 - .010	1.626	1.125	.040 - .060
1.592	1.171	.040 - .060	1.600	1.175	.090 - .125	1.613	1.124	.090 - .100	1.621	1.480	.025 - .035	1.625	.500	.025 - .080	1.626	1.134	.005 - .010
1.592	1.222	.010 - .020	1.600	1.205	.010 - .020	1.613	1.312	.015 - .030	1.622	.341	.075 - .090	1.625	.504	.005 - .010	1.626	1.187	.005 - .040
1.593	.515	.010 - .020	1.600	1.220	.050 - .070	1.614	.145	.070 - .090	1.622	.407	.036 - .048	1.625	.508	.005 - .042	1.626	1.321	.050 - .075
1.593	.900	.060 - .080	1.600	1.260	.030 - .050	1.614	.329	.005 - .010	1.622	.645	.100 - .125	1.625	.514	.005 - .010	1.626	1.377	.025 - .040
1.593	1.034	.010 - .020	1.600	1.260	.060 - .080	1.614	.694	.020 - .030	1.622	.767	.120 - .156	1.625	.531	.100 - .125	1.626	1.402	.005 - .010
1.593	1.171	.100 - .125	1.600	1.271	.110 - .130	1.614	.884	.040 - .060	1.622	.894	.090 - .120	1.625	.535	.010 - .030	1.627	.173	.010 - .020
1.593	1.172	.050 - .075	1.600	1.290	.020 - .040	1.614	1.001	.005 - .010	1.622	.992	.025 - .040	1.625	.536	.080 - .100	1.627	.314	.015 - .030
1.593	1.194	.062 - .080	1.600	1.300	.050 - .060	1.614	1.189	.025 - .040	1.622	1.161	.040 - .050	1.625	.540	.010 - .060	1.627	.380	.040 - .060
1.593	1.239	.010 - .020	1.600	1.310	.015 - .060	1.614	1.251	.005 - .010	1.622	1.188	.050 - .100	1.625	.542	.090 - .120	1.627	.385	.090 - .125
1.593	1.322	.060 - .080	1.600	1.312	.005 - .010	1.614	1.280	.020 - .040	1.622	1.250	.020 - .040	1.625	.563	.025 - .042	1.627	.555	.156 - .187
1.594	.478	.005 - .020	1.600	1.357	.005 - .015	1.614	1.281	.010 - .020	1.622	1.261	.050 - .070	1.625	.564	.050 - .075	1.627	.627	.062 - .080
1.594	.657	.030 - .060	1.600	1.375	.010 - .020	1.614	1.339	.015 - .030	1.622	1.312	.060 - .070	1.625	.565	.010 - .125	1.627	.693	.105 - .135
1.594	.814	.015 - .025	1.600	1.435	.010 - .020	1.614	1.381	.010 - .020	1.622	1.357	.015 - .030	1.625	.566	.100 - .125	1.627	.816	.025 - .042
1.594	1.278	.080 - .100	1.600	1.439	.005 - .010	1.615	.316	.010 - .020	1.622	1.364	.020 - .040	1.625	.571	.015 - .030	1.627	.876	.015 - .030
1.594	1.303	.010 - .020	1.601	.631	.005 - .010	1.615	.500	.050 - .070	1.623	.255	.080 - .104	1.625	.614	.015 - .030	1.627	1.006	.105 - .125
1.594	1.416	.005 - .015	1.601	.770	.005 - .010	1.615	.629	.090 - .100	1.623	.511	.090 - .105	1.625	.625	.156 - .190	1.627	1.125	.080 - .104
1.594	1.451	.030 - .050	1.601	1.436	.005 - .010	1.615	.877	.050 - .075	1.623	.597	.080 - .104	1.625	.633	.060 - .090	1.627	1.130	.005 - .010
1.594	1.504	.015 - .030	1.601	1.460	.005 - .010	1.615	1.000	.050 - .075	1.623	.775	.005 - .010	1.625	.634	.100 - .125	1.627	1.181	.080 - .100
1.595	.551	.105 - .125	1.602	.630	.100 - .125	1.615	1.407	.020 - .040	1.623	.782	.062 - .080	1.625	.640	.005 - .010	1.627	1.250	.005 - .010
1.595	1.313	.110 - .130	1.602	.772	.010 - .020	1.615	1.417	.040 - .060	1.623	.891	.005 - .010	1.625	.643	.170 - .190	1.627	1.260	.005 - .010
1.596	.880	.010 - .020	1.602	.973	.100 - .125	1.615	1.450	.005 - .010	1.623	1.000	.080 - .100	1.625	.656	.010 - .020	1.627	1.267	.005 - .030
1.597	.200	.050 - .070	1.602	1.432	.005 - .010	1.615	1.456	.010 - .020	1.623	1.032	.050 - .070	1.625	.657	.035 - .050	1.627	1.278	.005 - .010
1.597	.755	.010 - .020	1.602	1.492	.005 - .010	1.616	.752	.075 - .100	1.623	1.063	.050 - .080	1.625	.688	.100 - .120	1.627	1.302	.010 - .020
1.597	.881	.090 - .125	1.603	.341	.100 - .125	1.616	1.382	.005 - .010	1.623	1.064	.050 - .075	1.625	.754	.050 - .075	1.627	1.320	.025 - .040
1.598	.199	.080 - .090	1.603	.800	.075 - .090	1.616	1.390	.100 - .120	1.623	1.188	.060 - .090	1.625	.755	.090 - .105	1.627	1.378	.050 - .070
1.598	.320	.080 - .090	1.603	1.012	.025 - .040	1.617	.417	.005 - .010	1.623	1.208	.025 - .040	1.625	.760	.100 - .125	1.628	.129	.050 - .070
1.598	.505	.005 - .010	1.603	1.500	.020 - .030	1.617	.498	.080 - .120	1.623	1.257	.110 - .125	1.625	.765	.090 - .120	1.628	.323	.080 - .105
1.598	.516	.050 - .070	1.604	.674	.115 - .130	1.617	.500	.010 - .020	1.623	1.375	.005 - .015	1.625	.768	.020 - .040	1.628	.420	.156 - .187
1.598	.625	.030 - .050	1.604	1.007	.005 - .010	1.617	.626	.048 - .062	1.623	1.410	.005 - .015	1.625	.770	.050 - .075	1.628	.508	.090 - .120
1.598	.631	.010 - .020	1.605	.378	.030 - .050	1.617	.751	.020 - .040	1.623	1.456	.025 - .040	1.625	.772	.005 - .010	1.628	.810	.040 - .060
1.598	.720	.005 - .010	1.605	.390	.005 - .010	1.617	.805	.040 - .060	1.623	1.481	.025 - .040	1.625	.781	.100 - .135	1.628	1.137	.005 - .010
1.598	1.000	.080 - .125	1.605	.694	.020 - .040	1.617	1.060	.050 - .070	1.624	.311	.105 - .125	1.625	.791	.030 - .050	1.628	1.358	.030 - .050
1.598	1.058	.005 - .010	1.605	.881	.015 - .030	1.617	1.258	.025 - .042	1.624	.408	.010 - .020	1.625	.797	.080 - .100	1.628	1.386	.005 - .010
1.598	1.269	.050 - .070	1.605	1.009	.105 - .125	1.617	1.390	.030 - .050	1.624	.440	.040 - .060	1.625	.816	.090 - .120	1.628	1.387	.010 - .040
1.599	.378	.005 - .020	1.605	1.134	.010 - .030	1.618	.107	.110 - .130	1.624	.621	.050 - .070	1.625	.865	.100 - .125	1.629	.240	.015 - .030
1.599	.489	.090 - .110	1.605	1.348	.030 - .050	1.618	.256	.100 - .125	1.624	.626	.010 - .040	1.625	.875	.090 - .125	1.629	.284	.015 - .030
1.599	.503	.005 - .010	1.606	.465	.105 - .125	1.618	.651	.040 - .060	1.624	.691	.050 - .075	1.625	.882	.060 - .070	1.629	.530	.100 - .125
1.599	.505	.005 - .020	1.606	.516	.105 - .125	1.618	.690	.015 - .030	1.624	.695	.015 - .030	1.625	.932	.005 - .012	1.629	.592	.020 - .030
1.599	.626	.015 - .025	1.606	1.000	.105 - .125	1.618	.899	.030 - .050	1.624	.875	.040 - .060	1.625	.937	.070 - .090	1.629	1.125	.015 - .025
1.599	.630	.005 - .010	1.607	.562	.125 - .156	1.618	.963	.110 - .130	1.624	.906	.100 - .125	1.625	.999	.005 - .032	1.629	1.319	.005 - .010
1.599	.689	.060 - .080	1.607	.630	.092 - .125	1.618	1.010	.105 - .125	1.624	.917	.030 - .050	1.625	1.000	.040 - .060	1.629	1.331	.025 - .040
1.599	1.243	.015 - .035	1.607	1.022	.030 - .060	1.618	1.035	.060 - .090	1.624	1.005	.040 - .060	1.625	1.000	.080 - .090	1.629	1.388	.020 - .030
1.599	1.437	.010 - .020	1.607	1.271	.025 - .040	1.618	1.134	.005 - .010	1.624	1.015	.050 - .100	1.625	1.004	.040 - .060	1.630	.231	.050 - .070
1.600	.170	.050 - .062	1.607	1.332	.010 - .020	1.618	1.180	.060 - .080	1.624	1.021	.060 - .090	1.625	1.009	.040 - .060			

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.632	.513	.040 - .060	1.649	.621	.030 - .050	1.655	.771	.020 - .030	1.675	1.285	.060 - .080	1.687	1.226	.030 - .050	1.700	.755	.005 - .010
1.632	.565	.005 - .010	1.649	1.296	.005 - .010	1.655	.905	.050 - .070	1.676	.096	.030 - .050	1.687	1.312	.030 - .040	1.700	.860	.090 - .105
1.632	1.202	.030 - .050	1.649	1.366	.060 - .080	1.655	.985	.015 - .030	1.677	1.141	.030 - .050	1.687	1.520	.060 - .070	1.700	.938	.135 - .156
1.633	.501	.015 - .030	1.649	1.449	.050 - .070	1.655	1.063	.030 - .050	1.677	1.198	.005 - .010	1.687	1.534	.005 - .010	1.700	.990	.030 - .040
1.633	.828	.005 - .010	1.649	1.499	.050 - .070	1.655	1.125	.020 - .030	1.677	1.499	.020 - .030	1.688	.385	.070 - .090	1.700	1.000	.060 - .083
1.634	1.202	.030 - .050	1.649	1.501	.010 - .020	1.655	1.179	.005 - .020	1.678	.717	.020 - .030	1.688	.635	.015 - .030	1.700	1.187	.010 - .020
1.635	.787	.020 - .030	1.650	.051	.015 - .030	1.655	1.395	.005 - .010	1.678	.756	.105 - .125	1.688	.686	.100 - .125	1.700	1.190	.020 - .080
1.635	.998	.050 - .075	1.650	.132	.010 - .020	1.655	1.412	.005 - .010	1.678	.769	.025 - .040	1.688	1.090	.070 - .090	1.700	1.192	.100 - .125
1.635	1.162	.050 - .070	1.650	.377	.030 - .050	1.655	1.440	.030 - .050	1.678	1.342	.080 - .100	1.688	1.097	.030 - .050	1.700	1.223	.050 - .075
1.635	1.326	.020 - .040	1.650	.411	.015 - .025	1.655	1.541	.005 - .010	1.679	.897	.156 - .188	1.688	1.257	.015 - .030	1.700	1.250	.005 - .012
1.635	1.432	.050 - .070	1.650	.424	.100 - .125	1.656	1.101	.120 - .156	1.679	.951	.040 - .060	1.688	1.262	.050 - .075	1.700	1.340	.005 - .010
1.636	.411	.105 - .120	1.650	.440	.010 - .020	1.656	1.223	.090 - .105	1.679	1.050	.005 - .010	1.688	1.406	.040 - .060	1.700	1.380	.005 - .010
1.636	1.250	.040 - .060	1.650	.441	.005 - .010	1.656	1.344	.050 - .070	1.679	1.182	.040 - .060	1.688	1.432	.030 - .050	1.700	1.385	.040 - .060
1.636	1.377	.062 - .090	1.650	.449	.010 - .020	1.656	1.390	.030 - .050	1.679	1.365	.015 - .030	1.688	1.507	.040 - .060	1.700	1.389	.005 - .010
1.637	1.314	.050 - .062	1.650	.500	.005 - .010	1.656	1.437	.040 - .060	1.679	1.375	.005 - .010	1.689	.510	.010 - .020	1.700	1.400	.040 - .060
1.638	.554	.010 - .020	1.650	.503	.005 - .060	1.656	1.581	.005 - .010	1.679	1.389	.040 - .060	1.689	.517	.075 - .105	1.700	1.451	.005 - .010
1.638	1.020	.030 - .050	1.650	.504	.010 - .020	1.657	.345	.005 - .010	1.680	.250	.010 - .035	1.689	.940	.090 - .125	1.700	1.504	.030 - .050
1.638	1.262	.005 - .050	1.650	.563	.005 - .020	1.657	.352	.005 - .010	1.680	.500	.010 - .105	1.689	1.230	.100 - .125	1.700	1.510	.050 - .070
1.638	1.375	.105 - .125	1.650	.620	.015 - .125	1.657	1.034	.010 - .020	1.680	.605	.040 - .060	1.689	1.376	.020 - .030	1.700	1.515	.012 - .020
1.638	1.515	.015 - .030	1.650	.625	.005 - .020	1.657	1.126	.005 - .010	1.680	.712	.040 - .060	1.690	.125	.020 - .040	1.700	1.542	.010 - .020
1.639	.677	.005 - .010	1.650	.626	.020 - .030	1.657	1.135	.090 - .110	1.680	.768	.040 - .060	1.690	.410	.105 - .125	1.701	.560	.010 - .020
1.639	.737	.060 - .080	1.650	.629	.005 - .010	1.657	1.182	.100 - .120	1.680	.797	.042 - .062	1.690	.711	.050 - .070	1.701	1.004	.005 - .010
1.639	.990	.010 - .020	1.650	.630	.010 - .020	1.657	1.212	.025 - .040	1.680	.813	.040 - .060	1.690	.890	.080 - .104	1.701	1.266	.015 - .030
1.639	1.310	.080 - .100	1.650	.634	.020 - .040	1.658	1.182	.010 - .015	1.680	.856	.040 - .060	1.690	1.163	.040 - .050	1.701	1.385	.030 - .050
1.639	1.376	.005 - .010	1.650	.686	.062 - .080	1.658	1.229	.005 - .010	1.680	.895	.040 - .060	1.690	1.187	.020 - .040	1.701	1.450	.040 - .060
1.640	.645	.005 - .010	1.650	.689	.156 - .187	1.659	.754	.025 - .040	1.680	.927	.040 - .060	1.690	1.303	.030 - .050	1.701	1.600	.005 - .010
1.640	.750	.005 - .010	1.650	.750	.156 - .190	1.659	1.518	.050 - .062	1.680	.965	.040 - .060	1.690	1.378	.030 - .060	1.702	.208	.040 - .060
1.640	1.000	.005 - .010	1.650	.755	.010 - .020	1.660	.375	.050 - .070	1.680	1.102	.030 - .050	1.690	1.559	.005 - .010	1.702	.210	.020 - .040
1.640	1.082	.156 - .187	1.650	1.010	.090 - .105	1.660	.634	.010 - .020	1.680	1.195	.090 - .120	1.691	.772	.010 - .020	1.702	.820	.080 - .100
1.640	1.373	.010 - .035	1.650	1.094	.040 - .060	1.660	.873	.070 - .090	1.680	1.249	.040 - .060	1.691	1.083	.005 - .010	1.702	.825	.156 - .190
1.640	1.399	.015 - .030	1.650	1.181	.025 - .060	1.660	.964	.010 - .020	1.680	1.372	.010 - .025	1.691	1.300	.050 - .060	1.702	1.000	.010 - .020
1.640	1.440	.005 - .010	1.650	1.250	.005 - .030	1.660	1.188	.005 - .010	1.680	1.430	.005 - .010	1.691	1.477	.005 - .010	1.702	1.120	.050 - .070
1.640	1.440	.015 - .030	1.650	1.252	.105 - .156	1.660	1.250	.015 - .030	1.680	1.450	.032 - .060	1.691	1.563	.005 - .010	1.703	.114	.005 - .015
1.640	1.442	.050 - .070	1.650	1.253	.020 - .030	1.660	1.354	.015 - .030	1.681	.196	.005 - .010	1.692	.885	.080 - .100	1.703	1.320	.050 - .075
1.641	1.044	.036 - .060	1.650	1.262	.005 - .010	1.660	1.375	.090 - .120	1.681	.690	.120 - .160	1.693	.803	.040 - .060	1.703	1.386	.005 - .010
1.642	.682	.105 - .135	1.650	1.321	.100 - .125	1.660	1.389	.090 - .105	1.681	.894	.050 - .070	1.693	1.122	.010 - .020	1.704	.114	.005 - .010
1.642	1.039	.005 - .010	1.650	1.328	.005 - .010	1.660	1.390	.110 - .130	1.681	1.034	.105 - .125	1.694	.723	.005 - .010	1.704	.169	.010 - .025
1.642	1.330	.050 - .080	1.650	1.399	.050 - .070	1.661	1.141	.080 - .100	1.681	1.193	.020 - .040	1.694	.984	.005 - .010	1.705	1.250	.005 - .012
1.643	.678	.080 - .104	1.650	1.413	.015 - .025	1.661	1.194	.025 - .042	1.681	1.300	.040 - .060	1.694	1.260	.090 - .110	1.705	1.418	.015 - .030
1.643	.755	.050 - .080	1.650	1.430	.070 - .090	1.661	1.359	.105 - .125	1.681	1.372	.005 - .020	1.694	1.499	.025 - .040	1.706	.439	.040 - .060
1.643	1.329	.050 - .070	1.651	.276	.030 - .040	1.661	1.381	.005 - .010	1.681	1.400	.005 - .010	1.694	1.500	.005 - .015	1.706	.586	.070 - .090
1.644	.911	.025 - .040	1.651	.690	.005 - .010	1.662	1.375	.040 - .060	1.682	1.016	.060 - .080	1.695	.203	.040 - .060	1.706	.776	.070 - .090
1.644	.914	.030 - .050	1.651	.818	.040 - .060	1.662	1.410	.040 - .125	1.683	.819	.010 - .020	1.695	.314	.040 - .060	1.706	1.160	.010 - .020
1.644	.990	.040 - .060	1.651	1.251	.005 - .010	1.663	.340	.005 - .010	1.683	.918	.010 - .020	1.695	.998	.005 - .010	1.707	.780	.005 - .010
1.644	1.039	.015 - .030	1.651	1.300	.015 - .025	1.663	1.291	.020 - .040	1.683	1.006	.050 - .075	1.695	1.010	.100 - .125	1.707	1.002	.105 - .135
1.644	1.310	.070 - .090	1.651	1.413	.020 - .030	1.663	1.298	.060 - .090	1.683	1.298	.090 - .105	1.695	1.537	.060 - .075	1.708	.381	.060 - .080
1.644	1.328	.075 - .090	1.652	.562	.005 - .020	1.664	1.471	.015 - .030	1.684	1.188	.005 - .010	1.696	1.002	.060 - .083	1.708	1.247	.005 - .020
1.644	1.388	.090 - .110	1.652	.786	.070 - .090	1.665	1.256	.050 - .070	1.684	1.389	.025 - .040	1.696	1.200	.020 - .040	1.708	1.311	.030 - .050
1.644	1.405	.040 - .060	1.653	.473	.005 - .010	1.665	1.437	.070 - .090	1.684	1.442	.005 - .010	1.696	1.397	.005 - .010	1.708	1.312	.050 - .075
1.644	1.458	.020 - .040	1.653	.474	.020 - .030	1.665	1.471	.010 - .016	1.684	1.525	.015 - .030	1.696	1.452	.080 - .105	1.709	.391	.005 - .015
1.644	1.528	.030 - .050	1.653	.475	.005 - .010	1.665	1.581	.005 - .010	1.684	1.562	.040 - .050	1.697	.453	.100 - .125	1.709	.761	.156 - .187
1.645	.625	.015 - .050	1.653	.492	.090 - .125	1.666	.895	.005 - .008	1.685	.340	.025 - .042	1.697	.861	.090 - .125	1.710	.760	.100 - .125
1.645	.882	.020 - .040	1.653	.502	.005 - .010	1.667	1.400	.005 - .010	1.685	.425	.050 - .083	1.697	1.308	.105 - .125	1.710	1.093	.015 - .035
1.645	.956	.105 - .125	1.653	.631	.005 - .010	1.668	1.010	.042 - .060	1.685	.495	.032 - .060	1.697	1.328	.005 - .010	1.710	1.345	.005 - .010
1.645	1.073	.005 - .010	1.653	.633	.020 - .040	1.668	1.144	.005 - .010	1.685	.782	.020 - .040	1.697	1.338	.010 - .020	1.710	1.399	.010 - .020
1.645	1.250	.140 - .160	1.653	1.273	.050 - .060	1.668	1.264	.005 - .010	1.685	1.065	.032 - .060	1.698	.131	.015 - .030	1.711	1.143	.156 - .187
1.645	1.328	.060 - .080	1.653	1.274	.050 - .070	1.669	.987	.005 - .010	1.685	1.070	.040 - .050	1.698	.453	.100 - .125	1.711	1.300	.050 - .070
1.645	1.398	.005 - .010	1.653	1.326	.070 - .090	1.669	1.504	.030 - .050	1.685	1.190	.010 - .020	1.698	.502	.015 - .030	1.711	1.497	.020 - .040
1.646	1.236	.030 - .050	1.653	1.378	.090 - .105	1.670	.635	.005 - .010	1.685	1.269	.062 - .080	1.698	.626	.010 - .020	1.712	.905	.025 - .040
1.646	1.411	.015 - .030	1.653	1.416	.070 - .090	1.670	1.009	.100 - .135	1.685	1.300	.050 - .060	1.698	.715	.090 - .105	1.712	1.617	.005 - .010
1.646	1.427	.015 - .030	1.653	1.481	.040 - .060	1.670	1.060	.020 - .040	1.685	1.360	.020 - .030	1.698	.753	.060 - .090	1.713	1.129	.050 - .070
1.646	1.435	.070 - .090	1.653	1.486	.030												

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.717	1.619	.015 - .030	1.732	.748	.005 - .030	1.743	.505	.015 - .020	1.747	1.255	.005 - .025	1.749	1.140	.030 - .050	1.750	.631	.005 - .020
1.718	.360	.050 - .070	1.732	.750	.070 - .080	1.743	.511	.005 - .010	1.747	1.309	.050 - .075	1.749	1.155	.080 - .100	1.750	.635	.120 - .135
1.718	.630	.015 - .030	1.732	.993	.005 - .010	1.743	.532	.100 - .125	1.747	1.315	.060 - .070	1.749	1.187	.016 - .025	1.750	.637	.025 - .040
1.718	.656	.100 - .125	1.732	1.257	.040 - .060	1.743	1.220	.020 - .030	1.747	1.340	.005 - .010	1.749	1.250	.125 - .135	1.750	.641	.156 - .190
1.718	.705	.135 - .156	1.732	1.338	.040 - .060	1.743	1.225	.015 - .030	1.747	1.376	.020 - .030	1.749	1.251	.030 - .040	1.750	.655	.100 - .125
1.718	1.130	.060 - .083	1.732	1.387	.025 - .040	1.743	1.339	.090 - .105	1.747	1.394	.042 - .062	1.749	1.255	.040 - .060	1.750	.656	.010 - .060
1.718	1.187	.100 - .125	1.732	1.420	.020 - .040	1.743	1.503	.020 - .030	1.747	1.395	.005 - .010	1.749	1.256	.005 - .010	1.750	.657	.040 - .060
1.718	1.402	.005 - .010	1.732	1.429	.010 - .020	1.743	1.536	.040 - .060	1.747	1.449	.005 - .010	1.749	1.293	.156 - .180	1.750	.660	.090 - .105
1.719	.481	.090 - .110	1.732	1.623	.020 - .040	1.744	1.254	.020 - .040	1.747	1.451	.015 - .025	1.749	1.300	.100 - .120	1.750	.686	.050 - .075
1.719	.999	.040 - .060	1.732	1.630	.010 - .020	1.744	1.322	.010 - .020	1.747	1.499	.015 - .030	1.749	1.400	.010 - .020	1.750	.687	.005 - .010
1.719	1.063	.030 - .050	1.733	.634	.010 - .020	1.744	1.398	.020 - .040	1.748	.116	.015 - .030	1.749	1.494	.005 - .010	1.750	.688	.100 - .125
1.719	1.133	.100 - .125	1.733	.992	.015 - .030	1.744	1.447	.030 - .050	1.748	.256	.010 - .020	1.749	1.499	.005 - .010	1.750	.692	.005 - .010
1.719	1.275	.070 - .090	1.733	1.028	.040 - .060	1.744	1.503	.020 - .040	1.748	.266	.042 - .060	1.749	1.510	.010 - .020	1.750	.703	.010 - .020
1.719	1.378	.050 - .070	1.733	1.257	.030 - .050	1.744	1.505	.030 - .105	1.748	.267	.030 - .042	1.749	1.568	.025 - .040	1.750	.733	.015 - .025
1.719	1.400	.020 - .030	1.733	1.357	.040 - .050	1.744	1.567	.005 - .010	1.748	.278	.005 - .010	1.750			1.750	.749	.050 - .070
1.719	1.555	.005 - .010	1.733	1.506	.050 - .075	1.745	.125	.032 - .060	1.748	.281	.048 - .062				1.750	.750	.100 - .156
1.719	1.592	.030 - .050	1.733	1.575	.010 - .020	1.745	.162	.015 - .030	1.748	.315	.062 - .083				1.750	.751	.090 - .110
1.720	.217	.040 - .070	1.734	.253	.105 - .125	1.745	.195	.005 - .012	1.748	.395	.010 - .030				1.750	.754	.015 - .030
1.720	.250	.042 - .062	1.734	.924	.005 - .010	1.745	.315	.060 - .080	1.748	.495	.020 - .030				1.750	.755	.005 - .010
1.720	.257	.070 - .080	1.734	1.257	.100 - .115	1.745	.503	.100 - .125	1.748	.562	.100 - .125	1.750	.127	.005 - .010	1.750	.755	.060 - .090
1.720	.265	.052 - .083	1.734	1.257	.120 - .140	1.745	.505	.105 - .125	1.748	.627	.060 - .080	1.750	.150	.040 - .060	1.750	.758	.005 - .010
1.720	.503	.005 - .010	1.734	1.382	.070 - .090	1.745	.636	.005 - .010	1.748	.752	.005 - .030	1.750	.155	.040 - .080	1.750	.780	.156 - .187
1.720	.655	.025 - .040	1.734	1.399	.005 - .010	1.745	.640	.020 - .030	1.748	.756	.005 - .050	1.750	.194	.075 - .100	1.750	.812	.042 - .156
1.720	.718	.005 - .010	1.734	1.451	.005 - .010	1.745	.647	.005 - .010	1.748	.759	.020 - .030	1.750	.195	.030 - .050	1.750	.815	.005 - .030
1.720	.760	.105 - .125	1.734	1.536	.015 - .030	1.745	.695	.100 - .125	1.748	.765	.050 - .070	1.750	.201	.080 - .100	1.750	.820	.100 - .125
1.720	1.000	.060 - .083	1.735	.113	.030 - .050	1.745	.885	.050 - .070	1.748	.767	.100 - .125	1.750	.204	.105 - .125	1.750	.825	.090 - .105
1.720	1.225	.008 - .015	1.735	.378	.030 - .050	1.745	1.073	.010 - .020	1.748	.770	.010 - .020	1.750	.220	.050 - .070	1.750	.830	.005 - .010
1.720	1.400	.015 - .030	1.735	.896	.080 - .105	1.745	1.101	.015 - .030	1.748	.781	.050 - .075	1.750	.238	.060 - .090	1.750	.832	.050 - .070
1.720	1.464	.010 - .020	1.735	1.130	.030 - .050	1.745	1.109	.010 - .020	1.748	.785	.100 - .125	1.750	.250	.050 - .075	1.750	.845	.120 - .140
1.721	1.306	.050 - .075	1.735	1.259	.125 - .156	1.745	1.133	.010 - .020	1.748	.875	.020 - .040	1.750	.251	.050 - .075	1.750	.876	.030 - .105
1.721	1.408	.005 - .010	1.735	1.265	.015 - .030	1.745	1.165	.005 - .010	1.748	.878	.005 - .010	1.750	.252	.025 - .125	1.750	.878	.006 - .016
1.721	1.514	.020 - .030	1.735	1.399	.005 - .010	1.745	1.170	.015 - .030	1.748	.906	.050 - .070	1.750	.256	.080 - .104	1.750	.885	.005 - .010
1.722	.417	.005 - .010	1.735	1.438	.075 - .090	1.745	1.196	.020 - .040	1.748	1.019	.060 - .083	1.750	.262	.025 - .042	1.750	.906	.100 - .125
1.722	.752	.045 - .060	1.735	1.513	.093 - .105	1.745	1.370	.025 - .040	1.748	1.029	.005 - .010	1.750	.270	.120 - .135	1.750	.907	.110 - .130
1.722	1.515	.060 - .080	1.735	1.565	.005 - .010	1.745	1.375	.005 - .010	1.748	1.060	.010 - .020	1.750	.272	.010 - .020	1.750	.920	.030 - .104
1.723	.265	.050 - .083	1.736	.475	.005 - .010	1.745	1.448	.020 - .030	1.748	1.072	.005 - .010	1.750	.320	.100 - .120	1.750	.937	.100 - .125
1.723	.354	.060 - .080	1.736	1.149	.030 - .060	1.745	1.511	.005 - .010	1.748	1.136	.075 - .090	1.750	.342	.050 - .080	1.750	.943	.060 - .080
1.723	.686	.110 - .130	1.736	1.253	.060 - .080	1.745	1.560	.010 - .020	1.748	1.161	.040 - .060	1.750	.343	.100 - .125	1.750	.950	.105 - .160
1.723	1.415	.020 - .040	1.737	.350	.015 - .030	1.745	1.561	.015 - .025	1.748	1.264	.015 - .030	1.750	.365	.105 - .125	1.750	.954	.010 - .020
1.723	1.513	.070 - .090	1.737	.401	.005 - .010	1.746	.373	.060 - .080	1.748	1.293	.070 - .090	1.750	.375	.090 - .125	1.750	1.000	.010 - .020
1.724	.375	.040 - .060	1.737	1.501	.040 - .060	1.746	.443	.005 - .010	1.748	1.299	.005 - .010	1.750	.392	.100 - .125	1.750	1.003	.050 - .070
1.724	1.195	.060 - .080	1.737	1.502	.005 - .010	1.746	.497	.025 - .040	1.748	1.316	.070 - .090	1.750	.395	.100 - .125	1.750	1.005	.015 - .187
1.725	1.350	.040 - .062	1.738	.771	.015 - .025	1.746	.595	.005 - .010	1.748	1.320	.040 - .060	1.750	.406	.070 - .090	1.750	1.009	.050 - .070
1.725	1.410	.005 - .010	1.738	.882	.090 - .105	1.746	.781	.100 - .125	1.748	1.374	.100 - .125	1.750	.436	.150 - .187	1.750	1.010	.050 - .070
1.726	1.134	.050 - .070	1.738	.991	.010 - .020	1.746	.906	.100 - .125	1.748	1.380	.020 - .040	1.750	.437	.060 - .120	1.750	1.015	.156 - .188
1.726	1.385	.030 - .050	1.738	1.249	.005 - .010	1.746	1.001	.040 - .062	1.748	1.499	.015 - .030	1.750	.440	.005 - .020	1.750	1.016	.050 - .070
1.727	.654	.010 - .020	1.738	1.257	.005 - .020	1.746	1.046	.075 - .090	1.748	1.501	.030 - .050	1.750	.443	.015 - .030	1.750	1.019	.005 - .020
1.727	1.623	.020 - .035	1.738	1.260	.070 - .090	1.746	1.066	.005 - .010	1.748	1.511	.062 - .083	1.750	.445	.120 - .140	1.750	1.020	.005 - .125
1.728	.878	.100 - .125	1.738	1.548	.005 - .015	1.746	1.133	.040 - .060	1.748	1.650	.005 - .010	1.750	.447	.100 - .125	1.750	1.025	.010 - .020
1.728	1.509	.060 - .080	1.739	.897	.090 - .110	1.746	1.141	.005 - .010	1.749	.100	.025 - .040	1.750	.448	.005 - .010	1.750	1.031	.135 - .156
1.729	.870	.020 - .040	1.739	1.114	.030 - .050	1.746	1.169	.060 - .080	1.749	.141	.060 - .080	1.750	.449	.010 - .020	1.750	1.033	.062 - .083
1.729	1.361	.020 - .040	1.739	1.302	.020 - .040	1.746	1.190	.090 - .125	1.749	.211	.105 - .125	1.750	.450	.010 - .020	1.750	1.043	.050 - .070
1.729	1.475	.005 - .010	1.739	1.446	.040 - .060	1.746	1.254	.100 - .125	1.749	.270	.075 - .090	1.750	.451	.010 - .020	1.750	1.049	.005 - .010
1.730	.632	.005 - .010	1.740	.362	.050 - .070	1.746	1.320	.005 - .010	1.749	.281	.050 - .075	1.750	.452	.010 - .020	1.750	1.060	.030 - .060
1.730	.748	.005 - .010	1.740	.501	.025 - .040	1.746	1.448	.050 - .075	1.749	.335	.005 - .010	1.750	.453	.010 - .020	1.750	1.062	.050 - .075
1.730	1.000	.080 - .105	1.740	.503	.070 - .090	1.746	1.505	.010 - .020	1.749	.350	.060 - .080	1.750	.454	.010 - .020	1.750	1.094	.050 - .070
1.730	1.300	.060 - .070	1.740	.765	.032 - .060	1.746	1.535	.060 - .080	1.749	.375	.005 - .010	1.750	.455	.010 - .020	1.750	1.120	.005 - .010
1.730	1.330	.010 - .050	1.740	.878	.100 - .125	1.747	.254	.030 - .050	1.749	.381	.005 - .010	1.750	.456	.010 - .020	1.750	1.122	.110 - .130
1.730	1.353	.005 - .010	1.740	1.008	.050 - .060	1.747	.282	.025 - .040	1.749	.389	.156 - .187	1.750	.457	.010 - .020	1.750	1.124	.100 - .125
1.730	1.390	.040 - .060	1.740	1.058	.060 - .080	1.747	.286	.005 - .010	1.749	.502	.015 - .025	1.750	.458	.010 - .020	1.750	1.126	.010 - .083
1.730	1.478	.010 - .020	1.740	1.199	.025 - .040	1.747	.314	.100 - .125	1.749	.534	.005 - .010	1.750	.459	.010 - .020	1.750	1.130	.105 - .125
1.730	1.498	.040 - .060	1.740	1.236	.105 - .125	1.747	.333	.090 - .110	1.749	.546	.156 - .187	1.750	.460	.010 - .020	1.750	1.135	

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.750	1.261	.040 - .060	1.752	1.453	.083 - .120	1.769	1.391	.025 - .040	1.786	1.360	.010 - .020	1.800	1.430	.040 - .060	1.812	.751	.156 - .187
1.750	1.268	.110 - .130	1.752	1.500	.080 - .090	1.770	.085	.030 - .050	1.788	.330	.080 - .100	1.800	1.451	.015 - .030	1.812	.792	.035 - .048
1.750	1.280	.090 - .110	1.752	1.507	.050 - .070	1.770	.439	.005 - .010	1.788	.698	.050 - .075	1.800	1.500	.005 - .020	1.812	1.062	.075 - .100
1.750	1.300	.040 - .060	1.752	1.513	.042 - .062	1.770	.781	.050 - .070	1.788	1.124	.010 - .015	1.800	1.548	.005 - .010	1.812	1.124	.050 - .075
1.750	1.316	.010 - .020	1.752	1.528	.070 - .090	1.770	.789	.040 - .060	1.788	1.425	.075 - .100	1.800	1.562	.005 - .010	1.812	1.130	.090 - .125
1.750	1.318	.005 - .008	1.752	1.551	.060 - .080	1.770	.810	.030 - .040	1.788	1.586	.090 - .105	1.800	1.569	.025 - .040	1.812	1.156	.080 - .104
1.750	1.319	.005 - .010	1.753	.343	.080 - .104	1.770	.827	.030 - .048	1.788	1.587	.050 - .065	1.801	.502	.005 - .010	1.812	1.188	.050 - .080
1.750	1.324	.035 - .050	1.753	.387	.040 - .080	1.770	1.065	.050 - .070	1.788	1.605	.020 - .040	1.801	.505	.010 - .020	1.812	1.300	.030 - .050
1.750	1.329	.030 - .050	1.753	.751	.080 - .100	1.770	1.181	.010 - .020	1.789	.761	.080 - .125	1.801	.751	.005 - .010	1.812	1.312	.010 - .015
1.750	1.351	.060 - .080	1.753	.752	.105 - .125	1.770	1.250	.040 - .060	1.790	.620	.015 - .125	1.801	1.501	.050 - .070	1.812	1.381	.050 - .075
1.750	1.353	.040 - .060	1.753	1.067	.005 - .010	1.770	1.265	.005 - .010	1.790	.820	.015 - .125	1.801	1.610	.020 - .030	1.812	1.402	.015 - .030
1.750	1.375	.005 - .020	1.753	1.268	.005 - .010	1.770	1.542	.010 - .020	1.790	1.063	.005 - .010	1.801	1.611	.010 - .020	1.812	1.410	.030 - .050
1.750	1.383	.005 - .010	1.753	1.313	.080 - .100	1.770	1.565	.050 - .070	1.790	1.530	.010 - .020	1.802	.425	.040 - .060	1.812	1.436	.040 - .060
1.750	1.384	.015 - .025	1.753	1.323	.005 - .010	1.770	1.569	.020 - .040	1.790	1.679	.005 - .010	1.802	.506	.010 - .020	1.812	1.444	.040 - .060
1.750	1.385	.100 - .125	1.753	1.385	.005 - .008	1.770	1.629	.015 - .025	1.791	1.276	.010 - .020	1.802	1.257	.005 - .010	1.812	1.445	.020 - .040
1.750	1.386	.005 - .010	1.753	1.564	.050 - .070	1.771	.257	.050 - .070	1.791	1.280	.040 - .060	1.803	.712	.070 - .090	1.812	1.480	.050 - .075
1.750	1.389	.060 - .080	1.754	.894	.100 - .125	1.771	.433	.105 - .125	1.791	1.605	.030 - .050	1.803	.760	.060 - .080	1.812	1.498	.010 - .020
1.750	1.394	.090 - .120	1.754	1.254	.062 - .083	1.771	.812	.020 - .030	1.792	1.605	.010 - .020	1.803	.906	.020 - .032	1.812	1.510	.005 - .010
1.750	1.398	.032 - .050	1.754	1.375	.105 - .125	1.771	1.332	.090 - .105	1.793	.638	.005 - .010	1.803	1.362	.040 - .060	1.812	1.522	.020 - .040
1.750	1.400	.005 - .050	1.754	1.387	.020 - .030	1.771	1.378	.005 - .020	1.793	.999	.010 - .020	1.804	1.270	.010 - .020	1.812	1.523	.030 - .050
1.750	1.410	.005 - .020	1.755	.186	.060 - .080	1.771	1.397	.005 - .010	1.793	1.499	.020 - .030	1.804	1.366	.005 - .010	1.812	1.524	.015 - .030
1.750	1.411	.008 - .015	1.755	.257	.040 - .060	1.772	.473	.005 - .010	1.794	.387	.010 - .020	1.805	.338	.005 - .010	1.812	1.563	.015 - .030
1.750	1.420	.070 - .090	1.755	.281	.080 - .100	1.772	.501	.010 - .025	1.794	1.588	.010 - .020	1.805	.375	.090 - .105	1.813	.251	.083 - .104
1.750	1.435	.005 - .040	1.755	.322	.050 - .070	1.772	1.313	.050 - .060	1.795	.276	.100 - .125	1.805	.550	.025 - .040	1.813	.512	.010 - .020
1.750	1.436	.120 - .134	1.755	.906	.040 - .062	1.772	1.360	.005 - .010	1.795	.510	.105 - .125	1.805	1.117	.020 - .040	1.813	.751	.025 - .040
1.750	1.438	.040 - .060	1.755	1.285	.060 - .080	1.772	1.361	.005 - .010	1.795	1.001	.005 - .010	1.805	1.375	.030 - .060	1.813	.754	.030 - .040
1.750	1.443	.090 - .105	1.755	1.536	.050 - .070	1.772	1.470	.015 - .025	1.795	1.625	.025 - .040	1.805	1.398	.005 - .010	1.813	.906	.025 - .040
1.750	1.450	.040 - .060	1.756	.484	.105 - .135	1.773	.202	.050 - .070	1.796	.400	.120 - .140	1.805	1.565	.010 - .020	1.813	.938	.005 - .010
1.750	1.471	.050 - .075	1.757	.252	.080 - .104	1.773	.471	.130 - .150	1.796	1.688	.015 - .030	1.805	1.584	.015 - .030	1.813	1.140	.156 - .187
1.750	1.500	.025 - .040	1.757	.629	.100 - .125	1.773	.501	.005 - .020	1.797	1.687	.020 - .030	1.805	1.591	.070 - .090	1.813	1.266	.090 - .105
1.750	1.502	.005 - .010	1.757	1.437	.005 - .010	1.773	1.023	.050 - .070	1.798	.096	.030 - .050	1.805	1.718	.005 - .010	1.813	1.323	.010 - .020
1.750	1.527	.020 - .040	1.758	.562	.005 - .010	1.773	1.149	.050 - .070	1.798	.629	.005 - .010	1.806	.206	.040 - .050	1.813	1.394	.040 - .060
1.750	1.531	.030 - .080	1.758	1.476	.050 - .070	1.773	1.386	.070 - .090	1.798	.931	.050 - .075	1.806	.350	.005 - .010	1.813	1.585	.010 - .020
1.750	1.532	.025 - .045	1.760	.375	.005 - .010	1.773	1.500	.010 - .020	1.798	1.076	.005 - .010	1.806	1.344	.015 - .030	1.814	1.000	.100 - .125
1.750	1.550	.010 - .015	1.760	.445	.015 - .030	1.774	.127	.015 - .030	1.798	1.122	.015 - .125	1.806	1.655	.030 - .050	1.814	1.300	.025 - .050
1.750	1.565	.005 - .010	1.760	.631	.010 - .020	1.774	1.182	.040 - .060	1.798	1.255	.100 - .125	1.806	1.660	.005 - .010	1.815	.323	.005 - .016
1.750	1.566	.005 - .010	1.760	.767	.007 - .016	1.774	1.362	.005 - .010	1.798	1.419	.010 - .020	1.806	1.690	.030 - .050	1.815	.410	.070 - .110
1.750	1.567	.010 - .020	1.760	1.140	.007 - .016	1.774	1.484	.020 - .030	1.799	.096	.030 - .050	1.807	.166	.035 - .050	1.815	.523	.010 - .020
1.750	1.580	.040 - .060	1.760	1.270	.020 - .040	1.775	1.275	.100 - .130	1.799	.180	.030 - .050	1.807	.461	.050 - .075	1.815	.772	.100 - .125
1.750	1.615	.020 - .040	1.760	1.286	.005 - .010	1.775	1.511	.025 - .040	1.799	.377	.005 - .010	1.807	1.007	.050 - .070	1.815	.775	.125 - .135
1.751	.325	.005 - .010	1.761	.408	.015 - .030	1.775	1.517	.020 - .040	1.799	.753	.042 - .060	1.807	1.209	.090 - .105	1.815	1.024	.020 - .040
1.751	.451	.105 - .125	1.761	.699	.080 - .105	1.775	1.520	.025 - .040	1.799	.795	.036 - .050	1.807	1.223	.005 - .010	1.815	1.192	.080 - .100
1.751	.511	.005 - .010	1.762	.408	.015 - .030	1.776	.685	.005 - .010	1.799	.945	.100 - .125	1.807	1.438	.040 - .060	1.815	1.523	.015 - .030
1.751	.560	.010 - .060	1.762	.538	.090 - .110	1.776	.752	.100 - .134	1.799	1.020	.040 - .060	1.807	1.518	.030 - .060	1.816	.751	.010 - .020
1.751	.626	.025 - .040	1.762	.950	.140 - .160	1.776	1.235	.060 - .080	1.799	1.029	.120 - .135	1.808	.690	.030 - .050	1.816	1.338	.020 - .030
1.751	.628	.100 - .125	1.762	1.388	.060 - .080	1.776	1.262	.060 - .080	1.799	1.380	.050 - .075	1.808	1.534	.010 - .020	1.818	.631	.020 - .030
1.751	.629	.030 - .050	1.763	.505	.030 - .040	1.776	1.452	.030 - .050	1.799	1.397	.015 - .030	1.809	.096	.040 - .060	1.818	1.065	.015 - .030
1.751	.720	.156 - .187	1.763	.547	.090 - .105	1.776	1.576	.015 - .025	1.800	.147	.080 - .104	1.809	.463	.025 - .040	1.818	1.404	.025 - .040
1.751	.890	.105 - .135	1.763	1.126	.135 - .160	1.777	.998	.010 - .020	1.800	.154	.050 - .060	1.809	1.063	.093 - .113	1.818	1.406	.020 - .030
1.751	1.002	.105 - .125	1.764	.453	.010 - .040	1.777	1.110	.015 - .030	1.800	.195	.005 - .010	1.809	1.121	.105 - .120	1.818	1.498	.040 - .060
1.751	1.011	.005 - .010	1.764	.504	.090 - .125	1.778	.199	.020 - .040	1.800	.196	.090 - .105	1.809	1.437	.005 - .008	1.818	1.502	.020 - .030
1.751	1.033	.050 - .075	1.764	.514	.105 - .134	1.778	1.682	.030 - .050	1.800	.308	.050 - .070	1.810	.100	.020 - .050	1.818	1.572	.005 - .010
1.751	1.132	.050 - .075	1.764	.950	.110 - .130	1.779	.999	.050 - .070	1.800	.473	.025 - .040	1.810	.167	.093 - .125	1.819	.450	.010 - .020
1.751	1.198	.070 - .090	1.764	1.268	.060 - .090	1.779	1.057	.005 - .010	1.800	.475	.005 - .020	1.810	.180	.015 - .030	1.819	1.404	.020 - .040
1.751	1.260	.050 - .070	1.764	1.475	.080 - .104	1.779	1.380	.010 - .020	1.800	.490	.090 - .110	1.810	.756	.156 - .190	1.819	1.580	.005 - .008
1.751	1.265	.050 - .070	1.765	.297	.042 - .060	1.780	.250	.020 - .032	1.800	.504	.005 - .010	1.810	.824	.005 - .010	1.820	.447	.010 - .020
1.751	1.290	.025 - .040	1.765	.308	.042 - .062	1.780	.509	.020 - .040	1.800	.505	.005 - .020	1.810	.875	.040 - .060	1.820	.630	.010 - .020
1.751	1.302	.005 - .010	1.765	.394	.005 - .010	1.780	.720	.005 - .010	1.800	.508	.005 - .020	1.810	1.059	.090 - .120	1.820	1.013	.005 - .010
1.751	1.405	.050 - .075	1.765	.504	.100 - .125	1.780	.754	.030 - .048	1.800	.510	.010 - .021	1.810	1.066	.040 - .060	1.820	1.450	.020 - .090
1.751	1.434	.020 - .040	1.765	.630	.008 - .016	1.780	.953	.120 - .135	1.800	.564	.010 - .020	1.810	1.130	.100 - .125	1.820	1.460	.005 - .010
1.751	1.515	.005 - .010	1.765	.993	.100 - .125	1.780	1.199	.005 - .010	1.800	.625	.010 - .020	1.810	1.464	.005 - .010	1.820	1.515	.005 - .010
1.751	1.569	.020 - .035	1.765	1.005	.010 - .												

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.830	1.083	.080 - .100	1.845	1.312	.048 - .075	1.863	1.501	.105 - .125	1.873	1.508	.005 - .020	1.875	1.171	.100 - .125	1.879	1.605	.025 - .040
1.830	1.460	.005 - .010	1.845	1.384	.015 - .030	1.863	1.577	.005 - .010	1.873	1.533	.005 - .010	1.875	1.188	.015 - .070	1.879	1.687	.010 - .020
1.830	1.530	.050 - .070	1.845	1.568	.025 - .035	1.864	1.482	.005 - .010	1.873	1.639	.005 - .010	1.875	1.244	.040 - .062	1.880	.585	.156 - .187
1.830	1.627	.042 - .060	1.845	1.569	.005 - .010	1.865	.354	.070 - .090	1.873	1.671	.005 - .015	1.875	1.250	.020 - .040	1.880	.960	.005 - .010
1.831	1.200	.020 - .030	1.845	1.623	.005 - .010	1.865	.770	.050 - .070	1.873	1.734	.010 - .020	1.875	1.254	.005 - .010	1.880	1.000	.050 - .070
1.832	.156	.030 - .048	1.846	.792	.080 - .120	1.865	.888	.050 - .062	1.874	.219	.100 - .134	1.875	1.258	.030 - .050	1.880	1.020	.020 - .040
1.832	.764	.015 - .030	1.846	1.312	.020 - .030	1.865	1.023	.100 - .125	1.874	.252	.005 - .010	1.875	1.259	.020 - .040	1.880	1.131	.025 - .040
1.832	.765	.050 - .070	1.846	1.401	.050 - .070	1.865	1.123	.100 - .125	1.874	.266	.070 - .090	1.875	1.260	.060 - .090	1.880	1.193	.015 - .030
1.833	1.382	.050 - .070	1.846	1.441	.125 - .156	1.865	1.134	.075 - .100	1.874	.281	.020 - .050	1.875	1.310	.040 - .062	1.880	1.272	.040 - .060
1.833	1.589	.015 - .030	1.847	.375	.005 - .010	1.865	1.390	.040 - .060	1.874	.282	.015 - .060	1.875	1.355	.070 - .090	1.880	1.392	.070 - .080
1.834	.764	.020 - .032	1.847	1.442	.120 - .135	1.865	1.502	.025 - .040	1.874	.375	.100 - .125	1.875	1.359	.015 - .030	1.880	1.465	.005 - .010
1.834	1.382	.005 - .010	1.848	.258	.005 - .010	1.867	.315	.100 - .125	1.874	.376	.070 - .125	1.875	1.370	.060 - .083	1.880	1.745	.010 - .020
1.834	1.384	.005 - .010	1.848	.332	.050 - .070	1.867	.334	.040 - .060	1.874	.381	.005 - .010	1.875	1.375	.006 - .030	1.880	1.759	.005 - .010
1.834	1.384	.015 - .030	1.848	.485	.020 - .040	1.867	1.387	.040 - .060	1.874	.398	.030 - .040	1.875	1.379	.005 - .075	1.880	1.774	.010 - .020
1.834	1.574	.015 - .030	1.849	.375	.090 - .105	1.867	1.438	.100 - .125	1.874	.409	.100 - .120	1.875	1.384	.042 - .062	1.880	1.814	.015 - .030
1.835	.255	.020 - .030	1.849	1.081	.060 - .070	1.868	.897	.040 - .060	1.874	.440	.170 - .190	1.875	1.386	.030 - .050	1.881	.786	.010 - .025
1.835	.430	.005 - .010	1.849	1.333	.083 - .100	1.868	1.063	.040 - .060	1.874	.625	.015 - .030	1.875	1.394	.090 - .105	1.881	1.204	.015 - .030
1.835	1.382	.030 - .060	1.849	1.731	.010 - .020	1.868	1.257	.120 - .140	1.874	.628	.040 - .060	1.875	1.453	.040 - .060	1.881	1.281	.040 - .060
1.835	1.501	.005 - .010	1.850	.252	.030 - .050	1.869	.380	.040 - .060	1.874	.631	.105 - .125	1.875	1.502	.105 - .125	1.881	1.424	.005 - .010
1.835	1.620	.010 - .020	1.850	.366	.050 - .070	1.869	.405	.020 - .040	1.874	.713	.005 - .012	1.875	1.503	.005 - .032	1.881	1.630	.005 - .010
1.836	1.646	.005 - .010	1.850	.440	.005 - .020	1.869	.501	.110 - .135	1.874	.749	.070 - .090	1.875	1.505	.040 - .083	1.882	.887	.060 - .100
1.837	1.343	.005 - .010	1.850	.502	.010 - .020	1.869	1.136	.005 - .010	1.874	.822	.050 - .062	1.875	1.512	.105 - .125	1.883	1.035	.060 - .080
1.837	1.345	.005 - .015	1.850	.505	.010 - .020	1.869	1.277	.050 - .105	1.874	.875	.110 - .130	1.875	1.550	.020 - .050	1.883	1.585	.040 - .060
1.838	.126	.030 - .050	1.850	.510	.005 - .010	1.869	1.283	.090 - .105	1.874	.879	.005 - .020	1.875	1.552	.090 - .110	1.884	1.010	.015 - .040
1.838	.419	.005 - .010	1.850	.561	.170 - .190	1.869	1.438	.050 - .062	1.874	.883	.005 - .010	1.875	1.568	.060 - .090	1.884	1.494	.050 - .075
1.838	1.371	.040 - .060	1.850	.625	.030 - .040	1.869	1.567	.025 - .040	1.874	.907	.080 - .105	1.875	1.585	.010 - .020	1.884	1.577	.040 - .050
1.838	1.571	.030 - .050	1.850	.626	.010 - .020	1.870	.080	.020 - .040	1.874	.951	.050 - .070	1.875	1.640	.050 - .070	1.884	1.585	.030 - .060
1.839	1.251	.025 - .030	1.850	.751	.080 - .100	1.870	.315	.105 - .125	1.874	1.031	.020 - .040	1.875	1.681	.050 - .070	1.885	.327	.025 - .035
1.839	1.382	.005 - .010	1.850	.755	.010 - .020	1.870	.500	.100 - .125	1.874	1.045	.025 - .040	1.875	1.688	.005 - .015	1.885	.376	.060 - .080
1.840	.249	.060 - .075	1.850	.967	.100 - .120	1.870	.505	.100 - .125	1.874	1.180	.030 - .050	1.875	1.707	.025 - .040	1.885	.956	.062 - .090
1.840	.509	.050 - .070	1.850	1.000	.060 - .080	1.870	.642	.005 - .010	1.874	1.202	.015 - .025	1.876	.512	.105 - .125	1.885	.985	.080 - .105
1.840	.679	.050 - .070	1.850	1.016	.050 - .070	1.870	.661	.105 - .125	1.874	1.250	.030 - .050	1.876	.533	.105 - .125	1.885	1.060	.042 - .062
1.840	.700	.030 - .040	1.850	1.071	.060 - .080	1.870	.696	.060 - .080	1.874	1.257	.070 - .090	1.876	.659	.080 - .100	1.885	1.136	.060 - .080
1.840	1.000	.020 - .040	1.850	1.107	.005 - .010	1.870	.698	.050 - .075	1.874	1.282	.010 - .070	1.876	.669	.100 - .125	1.885	1.157	.062 - .090
1.840	1.005	.005 - .010	1.850	1.122	.005 - .020	1.870	.795	.040 - .060	1.874	1.331	.005 - .010	1.876	.754	.062 - .083	1.885	1.380	.062 - .090
1.840	1.008	.090 - .105	1.850	1.199	.040 - .050	1.870	.880	.042 - .062	1.874	1.443	.050 - .070	1.876	.765	.125 - .156	1.886	.763	.110 - .130
1.840	1.269	.040 - .060	1.850	1.310	.005 - .007	1.870	.901	.005 - .010	1.874	1.450	.150 - .170	1.876	1.007	.015 - .032	1.886	.985	.100 - .125
1.840	1.336	.050 - .075	1.850	1.391	.010 - .020	1.870	.909	.015 - .030	1.874	1.479	.020 - .030	1.876	1.129	.015 - .030	1.886	1.188	.005 - .010
1.840	1.343	.010 - .020	1.850	1.438	.100 - .120	1.870	.911	.005 - .010	1.874	1.515	.010 - .020	1.876	1.156	.015 - .135	1.886	1.382	.060 - .080
1.840	1.424	.050 - .075	1.850	1.570	.020 - .050	1.870	1.004	.020 - .030	1.874	1.588	.020 - .040	1.876	1.257	.105 - .135	1.886	1.397	.005 - .010
1.840	1.425	.065 - .080	1.850	1.581	.005 - .010	1.870	1.032	.105 - .125	1.874	1.595	.030 - .050	1.876	1.260	.005 - .040	1.886	1.398	.005 - .010
1.840	1.479	.040 - .060	1.850	1.640	.005 - .010	1.870	1.196	.010 - .020	1.874	1.625	.015 - .030	1.876	1.265	.025 - .040	1.886	1.446	.050 - .075
1.840	1.519	.040 - .060	1.850	1.685	.015 - .025	1.870	1.273	.010 - .020	1.874	1.627	.025 - .040	1.876	1.380	.010 - .020	1.887	.670	.040 - .060
1.840	1.600	.010 - .020	1.851	1.505	.025 - .040	1.870	1.392	.010 - .015	1.874	1.752	.010 - .020	1.876	1.381	.015 - .040	1.887	1.186	.010 - .020
1.840	1.683	.020 - .040	1.851	1.590	.005 - .012	1.870	1.418	.005 - .010	1.875	.125	.030 - .050	1.876	1.382	.020 - .040	1.887	1.300	.040 - .060
1.841	.377	.110 - .130	1.851	1.630	.005 - .025	1.870	1.419	.010 - .020	1.875	.159	.010 - .020	1.876	1.438	.100 - .125	1.888	.755	.005 - .010
1.841	.402	.040 - .060	1.852	.290	.020 - .030	1.870	1.504	.025 - .040	1.875	.190	.030 - .050	1.876	1.508	.020 - .060	1.888	.788	.050 - .070
1.841	.551	.105 - .125	1.852	.560	.070 - .090	1.870	1.513	.060 - .090	1.875	.204	.100 - .125	1.876	1.585	.005 - .010	1.889	.760	.015 - .030
1.841	1.189	.015 - .040	1.852	.629	.005 - .010	1.870	1.713	.050 - .060	1.875	.250	.050 - .105	1.876	1.592	.090 - .105	1.890	.380	.105 - .135
1.841	1.404	.005 - .010	1.852	1.165	.035 - .045	1.871	1.009	.005 - .010	1.875	.317	.015 - .030	1.876	1.645	.020 - .040	1.890	.512	.005 - .010
1.841	1.407	.005 - .010	1.852	1.378	.005 - .010	1.871	1.231	.050 - .070	1.875	.320	.105 - .125	1.876	1.752	.020 - .030	1.890	.630	.005 - .010
1.841	1.569	.005 - .010	1.852	1.524	.070 - .090	1.871	1.260	.156 - .187	1.875	.375	.040 - .060	1.876	1.764	.010 - .020	1.890	.630	.040 - .060
1.842	.378	.100 - .125	1.852	1.590	.008 - .015	1.871	1.377	.050 - .070	1.875	.408	.060 - .080	1.877	.173	.015 - .030	1.890	.648	.105 - .125
1.842	.640	.025 - .040	1.854	1.658	.020 - .030	1.871	1.417	.060 - .080	1.875	.409	.090 - .120	1.877	.320	.100 - .125	1.890	.867	.005 - .010
1.842	.828	.005 - .010	1.855	1.165	.070 - .090	1.871	1.770	.015 - .030	1.875	.437	.005 - .010	1.877	.525	.015 - .030	1.890	1.023	.010 - .025
1.842	1.098	.080 - .100	1.855	1.416	.030 - .050	1.872	.626	.050 - .075	1.875	.450	.105 - .125	1.877	1.008	.015 - .030	1.890	1.220	.040 - .090
1.842	1.251	.090 - .125	1.855	1.500	.125 - .135	1.872	.632	.156 - .187	1.875	.510	.090 - .125	1.877	1.376	.005 - .010	1.890	1.256	.040 - .060
1.842	1.531	.040 - .060	1.856	1.263	.105 - .125	1.872	.756	.005 - .010	1.875	.620	.062 - .075	1.877	1.505	.070 - .090	1.890	1.378	.030 - .050
1.842	1.643	.025 - .040	1.857	.586	.020 - .030	1.872	.891	.005 - .010	1.875	.626	.015 - .030	1.877	1.525	.015 - .030	1.890	1.384	.005 - .010
1.843	.316	.015 - .030	1.857	.710	.090 - .125	1.872	.909	.010 - .025	1.875	.629	.040 - .060	1.877	1.527	.050 - .070	1.890	1.389	.010 - .020
1.843	.816	.025 - .035	1.857	1.435	.005 - .012	1.872	1.260	.075 - .135	1.875	.632	.104 - .135	1.877	1.563	.025 - .040	1.890	1.496	.020 - .040
1.843	.880	.005 - .040	1.858	1.340													

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.896	.761	.005 - .010	1.907	1.485	.070 - .090	1.925	.810	.040 - .060	1.937	1.733	.040 - .060	1.954	.421	.050 - .070	1.968	1.501	.015 - .030
1.897	.309	.005 - .010	1.908	.877	.010 - .020	1.925	1.253	.005 - .010	1.937	1.809	.005 - .010	1.954	1.108	.125 - .156	1.968	1.530	.020 - .040
1.897	1.414	.005 - .010	1.909	.802	.080 - .100	1.925	1.317	.020 - .040	1.938	.319	.015 - .030	1.954	1.627	.005 - .010	1.968	1.578	.015 - .125
1.898	.305	.005 - .010	1.909	1.250	.020 - .040	1.925	1.391	.025 - .040	1.938	1.313	.020 - .040	1.955	.421	.050 - .070	1.968	1.625	.015 - .030
1.898	.511	.120 - .135	1.909	1.275	.005 - .010	1.925	1.510	.010 - .020	1.938	1.314	.050 - .070	1.955	1.004	.140 - .160	1.968	1.692	.040 - .060
1.898	.629	.010 - .020	1.909	1.348	.005 - .010	1.925	1.554	.050 - .075	1.938	1.395	.005 - .010	1.955	1.513	.020 - .042	1.968	1.731	.005 - .010
1.898	.636	.120 - .135	1.910	1.159	.040 - .060	1.925	1.715	.062 - .083	1.938	1.468	.030 - .050	1.955	1.519	.080 - .104	1.969	.502	.005 - .010
1.898	.754	.005 - .010	1.910	1.437	.100 - .125	1.926	1.554	.020 - .040	1.938	1.502	.025 - .040	1.955	1.780	.005 - .010	1.969	.881	.015 - .030
1.898	.910	.050 - .075	1.910	1.438	.105 - .125	1.926	1.684	.032 - .060	1.938	1.505	.060 - .080	1.956	.995	.050 - .090	1.969	1.339	.050 - .060
1.899	.194	.005 - .010	1.910	1.610	.010 - .020	1.926	1.691	.030 - .042	1.938	1.758	.005 - .010	1.956	1.020	.050 - .070	1.969	1.380	.070 - .090
1.899	.340	.156 - .190	1.910	1.640	.105 - .125	1.927	.480	.005 - .010	1.938	1.809	.005 - .010	1.956	1.520	.005 - .010	1.969	1.440	.010 - .020
1.899	.380	.030 - .050	1.911	1.631	.005 - .010	1.927	.810	.005 - .010	1.939	.126	.030 - .050	1.956	1.564	.010 - .015	1.969	1.468	.010 - .020
1.899	.437	.156 - .190	1.912	1.758	.030 - .050	1.928	.533	.008 - .020	1.939	1.062	.060 - .070	1.957	1.415	.030 - .050	1.969	1.469	.030 - .070
1.899	.629	.015 - .030	1.912	1.801	.020 - .030	1.928	1.265	.025 - .040	1.939	1.380	.110 - .130	1.958	.390	.135 - .156	1.969	1.470	.105 - .125
1.899	.630	.005 - .010	1.913	1.096	.005 - .010	1.928	1.585	.005 - .010	1.939	1.578	.030 - .050	1.959	1.861	.005 - .010	1.969	1.628	.015 - .030
1.899	1.015	.040 - .060	1.913	1.337	.015 - .030	1.928	1.664	.070 - .090	1.939	1.664	.020 - .030	1.960	.754	.120 - .134	1.969	1.657	.050 - .070
1.900	.253	.050 - .060	1.913	1.755	.005 - .010	1.929	1.550	.015 - .025	1.940	.687	.090 - .105	1.960	.870	.150 - .170	1.969	1.692	.030 - .050
1.900	.378	.030 - .075	1.913	1.779	.005 - .010	1.930	.375	.032 - .048	1.940	.880	.065 - .080	1.960	1.011	.105 - .120	1.970	.413	.105 - .125
1.900	.500	.005 - .010	1.915	.255	.020 - .030	1.930	.451	.015 - .025	1.940	1.155	.080 - .100	1.960	1.065	.070 - .090	1.970	.556	.030 - .050
1.900	.502	.005 - .010	1.915	1.259	.100 - .125	1.930	1.181	.050 - .070	1.940	1.260	.005 - .010	1.960	1.500	.020 - .040	1.970	.594	.010 - .020
1.900	.505	.005 - .020	1.915	1.346	.040 - .060	1.930	1.478	.010 - .020	1.940	1.261	.030 - .070	1.960	1.584	.010 - .020	1.970	.938	.090 - .110
1.900	.626	.005 - .020	1.915	1.586	.007 - .015	1.930	1.502	.005 - .010	1.940	1.402	.015 - .030	1.960	1.619	.020 - .040	1.970	1.427	.005 - .010
1.900	.630	.005 - .010	1.915	1.675	.010 - .020	1.930	1.532	.010 - .020	1.940	1.410	.040 - .060	1.960	1.642	.005 - .010	1.970	1.428	.020 - .040
1.900	.755	.010 - .020	1.916	.966	.050 - .070	1.930	1.600	.025 - .042	1.940	1.769	.005 - .010	1.960	1.674	.005 - .010	1.970	1.500	.050 - .070
1.900	.855	.005 - .010	1.917	1.258	.125 - .156	1.930	1.650	.005 - .010	1.941	1.627	.065 - .080	1.960	1.712	.005 - .010	1.970	1.576	.050 - .070
1.900	.870	.060 - .080	1.918	1.385	.015 - .025	1.930	1.824	.005 - .030	1.941	1.629	.075 - .090	1.960	1.862	.005 - .010	1.970	1.630	.005 - .010
1.900	.881	.090 - .125	1.918	1.410	.062 - .083	1.930	1.880	.010 - .020	1.942	.314	.105 - .125	1.961	1.188	.010 - .020	1.970	1.654	.040 - .060
1.900	1.000	.050 - .070	1.918	1.519	.050 - .070	1.931	.181	.015 - .025	1.942	1.157	.080 - .100	1.961	1.300	.020 - .030	1.970	1.692	.010 - .020
1.900	1.002	.075 - .105	1.918	1.632	.005 - .010	1.931	.566	.156 - .190	1.942	1.746	.015 - .030	1.961	1.312	.050 - .083	1.970	1.814	.015 - .030
1.900	1.006	.040 - .060	1.919	1.263	.040 - .060	1.931	1.595	.005 - .020	1.942	1.787	.005 - .010	1.961	1.584	.090 - .125	1.971	1.268	.093 - .125
1.900	1.095	.040 - .060	1.919	1.390	.060 - .080	1.932	1.126	.130 - .150	1.943	.764	.105 - .125	1.962	1.735	.008 - .020	1.971	1.541	.005 - .030
1.900	1.256	.080 - .104	1.919	1.501	.010 - .020	1.932	1.626	.040 - .060	1.944	.393	.030 - .050	1.963	.281	.005 - .010	1.972	.379	.015 - .030
1.900	1.320	.040 - .060	1.919	1.595	.060 - .080	1.932	1.695	.025 - .040	1.944	.800	.156 - .187	1.963	.481	.005 - .010	1.972	.505	.015 - .030
1.900	1.321	.040 - .060	1.919	1.754	.015 - .030	1.932	1.779	.005 - .010	1.944	1.628	.025 - .040	1.963	1.565	.025 - .040	1.972	.875	.105 - .125
1.900	1.375	.010 - .020	1.920	.859	.080 - .104	1.933	.750	.130 - .150	1.945	.426	.050 - .070	1.964	.281	.015 - .030	1.972	1.130	.015 - .030
1.900	1.375	.050 - .075	1.920	1.000	.070 - .090	1.933	1.504	.015 - .030	1.945	1.063	.105 - .125	1.964	1.576	.015 - .025	1.972	1.250	.093 - .125
1.900	1.395	.040 - .060	1.920	1.263	.062 - .083	1.933	1.556	.050 - .060	1.945	1.477	.010 - .020	1.964	1.579	.005 - .040	1.972	1.579	.030 - .040
1.900	1.412	.030 - .050	1.920	1.264	.040 - .060	1.933	1.565	.030 - .050	1.945	1.792	.005 - .020	1.964	1.740	.005 - .010	1.973	.413	.190 - .210
1.900	1.453	.020 - .040	1.920	1.410	.060 - .090	1.934	1.002	.030 - .050	1.946	.552	.005 - .010	1.964	1.756	.020 - .030	1.974	.408	.015 - .030
1.900	1.500	.006 - .060	1.920	1.411	.090 - .105	1.934	1.562	.050 - .062	1.946	1.780	.005 - .010	1.964	1.790	.012 - .020	1.974	.630	.120 - .140
1.900	1.501	.090 - .105	1.920	1.471	.080 - .100	1.935	.473	.050 - .085	1.947	1.661	.005 - .010	1.965	.281	.005 - .010	1.974	.880	.120 - .140
1.900	1.530	.010 - .020	1.920	1.635	.030 - .040	1.935	.500	.060 - .083	1.948	1.083	.070 - .090	1.965	.815	.060 - .080	1.974	1.170	.005 - .010
1.900	1.600	.030 - .050	1.920	1.826	.010 - .020	1.935	.651	.020 - .040	1.948	1.578	.005 - .010	1.965	1.427	.030 - .050	1.974	1.284	.005 - .010
1.900	1.626	.015 - .030	1.921	.438	.090 - .110	1.935	1.032	.156 - .187	1.948	1.749	.010 - .020	1.965	1.491	.015 - .030	1.974	1.503	.005 - .010
1.900	1.628	.030 - .050	1.921	.566	.015 - .030	1.935	1.190	.005 - .010	1.948	1.820	.005 - .020	1.965	1.498	.048 - .062	1.975	.755	.025 - .040
1.900	1.650	.025 - .060	1.921	1.500	.010 - .020	1.935	1.309	.105 - .125	1.949	.459	.020 - .030	1.965	1.503	.005 - .010	1.975	1.004	.130 - .150
1.900	1.651	.080 - .100	1.921	1.671	.062 - .083	1.935	1.500	.090 - .100	1.949	.820	.005 - .010	1.965	1.513	.005 - .010	1.975	1.821	.020 - .030
1.900	1.660	.005 - .010	1.922	.317	.015 - .030	1.935	1.555	.060 - .083	1.949	1.062	.030 - .050	1.965	1.586	.020 - .030	1.975	1.879	.010 - .020
1.901	.626	.025 - .040	1.922	.565	.150 - .170	1.935	1.656	.010 - .020	1.949	1.119	.080 - .100	1.965	1.694	.005 - .010	1.976	.759	.030 - .050
1.901	.726	.105 - .125	1.922	.972	.080 - .104	1.935	1.661	.032 - .048	1.949	1.526	.005 - .010	1.965	1.860	.007 - .030	1.976	1.289	.020 - .060
1.901	.760	.120 - .140	1.922	1.079	.080 - .104	1.935	1.687	.090 - .105	1.949	1.555	.015 - .030	1.966	1.006	.005 - .010	1.976	1.385	.015 - .030
1.901	.781	.105 - .125	1.922	1.176	.080 - .104	1.936	.688	.025 - .040	1.949	1.620	.030 - .040	1.966	1.039	.005 - .010	1.976	1.673	.030 - .050
1.901	1.207	.005 - .010	1.922	1.341	.080 - .104	1.936	.780	.060 - .080	1.949	1.664	.035 - .050	1.966	1.206	.005 - .010	1.977	.938	.010 - .020
1.901	1.501	.010 - .020	1.922	1.410	.080 - .104	1.936	.818	.005 - .060	1.950	.190	.015 - .040	1.966	1.438	.060 - .080	1.977	1.775	.005 - .010
1.902	.631	.005 - .010	1.922	1.574	.010 - .020	1.936	1.186	.050 - .075	1.950	.320	.005 - .010	1.966	1.722	.020 - .040	1.977	1.798	.010 - .020
1.902	1.101	.040 - .062	1.923	.390	.015 - .030	1.936	1.564	.060 - .080	1.950	.490	.005 - .010	1.967	.394	.080 - .100	1.978	1.550	.015 - .030
1.902	1.139	.090 - .125	1.923	.881	.105 - .135	1.936	1.579	.015 - .042	1.950	.505	.005 - .020	1.967	.502	.010 - .020	1.978	1.694	.020 - .030
1.902	1.256	.083 - .104	1.923	1.181	.025 - .040	1.936	1.586	.090 - .100	1.950	.505	.125 - .156	1.967	1.113	.025 - .040	1.978	1.776	.050 - .070
1.902	1.420	.020 - .040	1.923	1.262	.080 - .104	1.936	1.656	.050 - .070	1.950	.629	.005 - .020	1.967	1.519	.005 - .010	1.979	.395	.160 - .190
1.902	1.570	.005 - .010	1.923	1.533	.050 - .070	1.936	1.719	.005 - .010	1.950	.631	.120 - .140	1.967	1.596	.030 - .050	1.979	1.660	.005 - .010
1.903	.485	.025 - .040	1.923	1.714	.010 - .020	1.936	1.740	.005 - .010	1.950	.810	.005 - .010	1.967	1.654	.005 - .010	1.979	1.775	.02

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
1.984	.395	.005 - .190	1.995	.453	.060 - .080	1.999	.313	.050 - .070	2.000	.516	.090 - .120	2.000	1.282	.005 - .010	2.002	1.501	.050 - .075
1.984	1.329	.040 - .060	1.995	.634	.005 - .010	1.999	.318	.090 - .110	2.000	.522	.005 - .010	2.000	1.285	.025 - .040	2.002	1.530	.025 - .035
1.984	1.544	.005 - .015	1.995	.750	.105 - .125	1.999	.388	.105 - .135	2.000	.530	.060 - .080	2.000	1.290	.157 - .187	2.002	1.560	.105 - .135
1.985	1.017	.080 - .100	1.995	.886	.090 - .120	1.999	.406	.160 - .190	2.000	.536	.005 - .010	2.000	1.291	.005 - .010	2.002	1.630	.050 - .070
1.985	1.206	.070 - .090	1.995	1.000	.030 - .050	1.999	.407	.100 - .125	2.000	.551	.120 - .140	2.000	1.311	.005 - .010	2.002	1.733	.080 - .105
1.985	1.398	.010 - .030	1.995	1.128	.120 - .135	1.999	.452	.100 - .125	2.000	.570	.005 - .010	2.000	1.321	.080 - .100	2.002	1.758	.005 - .010
1.985	1.520	.015 - .030	1.995	1.500	.048 - .062	1.999	.484	.070 - .090	2.000	.591	.025 - .040	2.000	1.330	.080 - .104	2.002	1.812	.070 - .090
1.985	1.590	.010 - .020	1.995	1.636	.015 - .030	1.999	.515	.156 - .187	2.000	.594	.170 - .190	2.000	1.332	.005 - .010	2.002	1.828	.005 - .010
1.985	1.693	.005 - .010	1.995	1.663	.020 - .040	1.999	.562	.100 - .125	2.000	.619	.015 - .030	2.000	1.342	.060 - .080	2.003	.161	.025 - .040
1.985	1.695	.040 - .060	1.995	1.758	.015 - .030	1.999	.667	.030 - .040	2.000	.620	.040 - .060	2.000	1.350	.010 - .020	2.003	.752	.075 - .090
1.985	1.860	.010 - .020	1.995	1.818	.015 - .030	1.999	.687	.156 - .187	2.000	.625	.005 - .010	2.000	1.375	.050 - .090	2.003	.843	.005 - .010
1.986	.540	.005 - .010	1.996	.269	.005 - .010	1.999	.691	.120 - .140	2.000	.625	.100 - .125	2.000	1.376	.015 - .030	2.003	1.077	.050 - .070
1.986	1.205	.135 - .156	1.996	.381	.005 - .010	1.999	.749	.025 - .040	2.000	.626	.015 - .030	2.000	1.380	.135 - .156	2.003	1.126	.070 - .090
1.986	1.546	.005 - .010	1.996	.391	.105 - .125	1.999	.750	.156 - .187	2.000	.627	.040 - .060	2.000	1.386	.030 - .060	2.003	1.481	.005 - .015
1.987	.671	.100 - .120	1.996	.451	.005 - .010	1.999	.753	.020 - .030	2.000	.628	.020 - .040	2.000	1.389	.015 - .080	2.003	1.557	.020 - .040
1.987	.888	.050 - .070	1.996	.647	.005 - .010	1.999	.781	.110 - .130	2.000	.632	.005 - .020	2.000	1.394	.005 - .010	2.003	1.694	.020 - .030
1.987	1.313	.030 - .040	1.996	.768	.005 - .010	1.999	.797	.020 - .040	2.000	.636	.005 - .010	2.000	1.402	.105 - .125	2.003	1.781	.010 - .020
1.988	.880	.050 - .070	1.996	.821	.005 - .010	1.999	.813	.135 - .156	2.000	.641	.110 - .130	2.000	1.450	.005 - .010	2.004	.756	.040 - .060
1.988	.899	.005 - .010	1.996	1.045	.005 - .010	1.999	.937	.075 - .090	2.000	.644	.090 - .105	2.000	1.499	.005 - .010	2.004	.843	.100 - .125
1.988	1.497	.005 - .010	1.996	1.120	.135 - .156	1.999	.977	.015 - .030	2.000	.657	.100 - .125	2.000	1.500	.005 - .125	2.004	1.131	.010 - .020
1.988	1.575	.050 - .075	1.996	1.404	.005 - .010	1.999	1.000	.030 - .040	2.000	.670	.090 - .125	2.000	1.502	.010 - .020	2.005	.204	.080 - .104
1.988	1.586	.020 - .042	1.996	1.504	.010 - .020	1.999	1.015	.005 - .010	2.000	.685	.080 - .105	2.000	1.511	.030 - .125	2.005	1.260	.025 - .040
1.989	.750	.020 - .030	1.996	1.666	.005 - .010	1.999	1.033	.160 - .190	2.000	.692	.090 - .120	2.000	1.513	.015 - .030	2.005	1.261	.070 - .090
1.989	.786	.105 - .135	1.996	1.751	.050 - .070	1.999	1.034	.005 - .010	2.000	.700	.020 - .030	2.000	1.515	.005 - .060	2.005	1.515	.010 - .020
1.989	.875	.100 - .125	1.996	1.850	.010 - .020	1.999	1.143	.005 - .010	2.000	.750	.105 - .125	2.000	1.532	.090 - .110	2.006	1.280	.105 - .135
1.989	1.753	.030 - .050	1.997	.310	.080 - .100	1.999	1.289	.025 - .040	2.000	.752	.010 - .020	2.000	1.536	.005 - .010	2.006	1.775	.005 - .010
1.990	.222	.005 - .010	1.997	.407	.050 - .070	1.999	1.308	.005 - .020	2.000	.753	.005 - .010	2.000	1.550	.005 - .010	2.007	.826	.005 - .010
1.990	.245	.005 - .010	1.997	.500	.105 - .125	1.999	1.475	.005 - .010	2.000	.754	.110 - .130	2.000	1.589	.005 - .010	2.007	1.384	.015 - .030
1.990	.281	.125 - .135	1.997	.561	.005 - .010	1.999	1.504	.025 - .042	2.000	.758	.005 - .010	2.000	1.625	.050 - .060	2.007	1.533	.040 - .060
1.990	.317	.005 - .010	1.997	.623	.156 - .190	1.999	1.560	.005 - .010	2.000	.761	.090 - .110	2.000	1.626	.105 - .125	2.008	.765	.105 - .125
1.990	.318	.007 - .012	1.997	.700	.005 - .010	1.999	1.620	.090 - .110	2.000	.779	.005 - .010	2.000	1.635	.005 - .015	2.008	1.254	.135 - .156
1.990	.526	.005 - .010	1.997	.720	.020 - .035	1.999	1.655	.040 - .060	2.000	.780	.015 - .030	2.000	1.649	.005 - .020	2.008	1.319	.005 - .010
1.990	.651	.105 - .135	1.997	.766	.010 - .020	1.999	1.685	.020 - .030	2.000	.781	.005 - .060	2.000	1.654	.005 - .105	2.008	1.392	.005 - .012
1.990	.688	.050 - .070	1.997	.913	.005 - .010	1.999	1.692	.030 - .040	2.000	.786	.005 - .010	2.000	1.670	.025 - .040	2.008	1.676	.070 - .090
1.990	.754	.005 - .010	1.997	1.021	.030 - .050	2.000			2.000	.795	.005 - .010	2.000	1.695	.005 - .010	2.008	1.801	.010 - .020
1.990	.893	.005 - .010	1.997	1.061	.050 - .075				2.000	.797	.020 - .040	2.000	1.731	.015 - .030	2.009	.239	.040 - .060
1.990	1.010	.060 - .080	1.997	1.071	.005 - .010				2.000	.812	.080 - .105	2.000	1.740	.005 - .010	2.009	1.508	.015 - .030
1.990	1.285	.040 - .060	1.997	1.254	.005 - .010				2.000	.875	.010 - .020	2.000	1.749	.010 - .060	2.009	1.783	.070 - .090
1.990	1.376	.040 - .060	1.997	1.414	.005 - .010				2.000	.876	.105 - .125	2.000	1.755	.080 - .100	2.009	1.804	.030 - .050
1.990	1.379	.093 - .125	1.997	1.503	.080 - .105				2.000	.881	.010 - .030	2.000	1.780	.005 - .010	2.010	.567	.105 - .125
1.990	1.519	.060 - .080	1.997	1.584	.005 - .010	2.000	.160	.005 - .015	2.000	.906	.015 - .060	2.000	1.780	.015 - .040	2.010	.664	.030 - .050
1.990	1.779	.015 - .030	1.997	1.777	.005 - .010	2.000	.165	.050 - .070	2.000	.977	.025 - .040	2.000	1.810	.005 - .020	2.010	.792	.120 - .140
1.991	.317	.105 - .130	1.997	1.849	.005 - .010	2.000	.166	.110 - .130	2.000	.979	.020 - .040	2.000	1.843	.010 - .025	2.010	1.074	.130 - .150
1.991	.653	.090 - .120	1.998	.251	.105 - .125	2.000	.180	.005 - .010	2.000	1.000	.055 - .070	2.000	2.064	.015 - .030	2.010	1.084	.005 - .010
1.991	.687	.030 - .050	1.998	.328	.005 - .010	2.000	.194	.036 - .050	2.000	1.005	.005 - .010	2.001	.198	.010 - .020	2.010	1.470	.050 - .070
1.991	.998	.015 - .050	1.998	.426	.005 - .010	2.000	.205	.060 - .125	2.000	1.006	.083 - .105	2.001	.245	.005 - .010	2.010	1.699	.050 - .070
1.991	1.325	.020 - .040	1.998	.441	.120 - .135	2.000	.210	.105 - .135	2.000	1.014	.035 - .060	2.001	.250	.100 - .125	2.010	1.705	.005 - .010
1.992	.419	.005 - .010	1.998	.500	.020 - .050	2.000	.221	.030 - .050	2.000	1.015	.050 - .075	2.001	.315	.105 - .120	2.012	.886	.005 - .010
1.992	.560	.010 - .020	1.998	.531	.120 - .135	2.000	.250	.025 - .125	2.000	1.020	.015 - .030	2.001	.345	.125 - .135	2.012	1.250	.020 - .040
1.992	.999	.020 - .030	1.998	.562	.040 - .060	2.000	.253	.005 - .010	2.000	1.020	.110 - .130	2.001	.375	.105 - .125	2.013	1.003	.005 - .010
1.992	1.182	.020 - .040	1.998	.647	.005 - .010	2.000	.253	.050 - .070	2.000	1.030	.010 - .125	2.001	.381	.020 - .030	2.013	1.003	.015 - .030
1.992	1.267	.005 - .030	1.998	.662	.005 - .010	2.000	.255	.030 - .060	2.000	1.031	.050 - .070	2.001	.447	.005 - .010	2.013	1.502	.020 - .040
1.992	1.313	.040 - .060	1.998	.690	.050 - .075	2.000	.261	.060 - .080	2.000	1.060	.015 - .030	2.001	.499	.170 - .190	2.013	1.658	.005 - .010
1.993	.406	.030 - .040	1.998	.755	.135 - .156	2.000	.266	.040 - .060	2.000	1.062	.100 - .125	2.001	.501	.015 - .030	2.015	1.383	.030 - .040
1.993	.410	.010 - .015	1.998	.881	.015 - .030	2.000	.270	.080 - .100	2.000	1.064	.100 - .125	2.001	.592	.120 - .135	2.016	1.687	.005 - .010
1.993	.474	.030 - .050	1.998	.882	.020 - .030	2.000	.282	.060 - .080	2.000	1.075	.015 - .030	2.001	.750	.005 - .010	2.017	1.614	.020 - .040
1.993	.499	.090 - .110	1.998	1.021	.070 - .090	2.000	.291	.050 - .075	2.000	1.090	.005 - .010	2.001	.755	.005 - .010	2.018	1.510	.030 - .050
1.993	.520	.005 - .010	1.998	1.029	.005 - .010	2.000	.298	.005 - .010	2.000	1.108	.040 - .060	2.001	.813	.005 - .010	2.019	.502	.030 - .050
1.993	.810	.015 - .030	1.998	1.077	.005 - .010	2.000	.299	.020 - .040	2.000	1.125	.015 - .062	2.001	.814	.060 - .080	2.019	.508	.050 - .070
1.993	1.017	.005 - .010	1.998	1.093	.025 - .040	2.000	.316	.005 - .010	2.000	1.131	.030 - .062	2.001	.942	.105 - .135	2.019	1.623	.015 - .030
1.993	1.501	.010 - .020	1.998	1.124	.030 - .070	2.000	.317	.015 - .030	2.000	1.158	.025 - .042	2.001	1.020	.015 - .030	2.020	.280	.100 - .125
1.993	1.664	.005 - .010	1.998	1.126	.005 - .010	2.000	.328	.070 - .090	2.000	1.165	.020 - .040	2.001	1.105	.080 - .104			

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
2.030	1.310	.050 - .070	2.048	1.387	.005 - .010	2.065	1.722	.015 - .030	2.105	1.811	.020 - .040	2.125	.695	.090 - .105	2.131	2.031	.030 - .050
2.030	1.434	.050 - .070	2.048	1.393	.070 - .090	2.065	1.857	.075 - .090	2.106	1.808	.015 - .030	2.125	.705	.005 - .010	2.132	.250	.090 - .110
2.030	1.500	.005 - .010	2.048	1.748	.020 - .040	2.066	1.718	.030 - .050	2.106	1.814	.050 - .075	2.125	.761	.060 - .090	2.132	1.190	.060 - .080
2.030	1.715	.016 - .030	2.049	1.209	.005 - .010	2.068	.756	.050 - .070	2.107	.314	.105 - .125	2.125	.813	.110 - .135	2.132	1.658	.020 - .040
2.031	.936	.005 - .010	2.049	1.854	.005 - .010	2.070	1.180	.080 - .104	2.107	1.792	.020 - .040	2.125	.895	.005 - .010	2.134	1.410	.015 - .030
2.031	1.755	.005 - .030	2.050	.140	.060 - .080	2.070	1.530	.020 - .030	2.108	1.801	.075 - .090	2.125	.907	.020 - .030	2.134	1.729	.060 - .080
2.032	.489	.005 - .010	2.050	.253	.005 - .010	2.070	1.780	.090 - .105	2.109	1.726	.025 - .040	2.125	1.015	.105 - .125	2.134	1.752	.005 - .012
2.032	.880	.005 - .010	2.050	.406	.105 - .125	2.071	1.749	.010 - .020	2.109	1.829	.080 - .100	2.125	1.070	.005 - .010	2.134	1.898	.020 - .040
2.033	.877	.025 - .040	2.050	.505	.005 - .020	2.072	1.277	.015 - .030	2.110	1.929	.005 - .010	2.125	1.075	.010 - .020	2.135	1.120	.100 - .120
2.033	1.525	.010 - .030	2.050	.506	.005 - .010	2.074	.628	.005 - .010	2.111	1.436	.010 - .020	2.125	1.100	.030 - .050	2.135	1.900	.020 - .040
2.033	1.562	.020 - .030	2.050	.626	.010 - .020	2.074	1.500	.040 - .060	2.112	1.260	.080 - .105	2.125	1.123	.060 - .080	2.136	1.578	.060 - .080
2.033	1.732	.030 - .050	2.050	.627	.010 - .020	2.075	1.969	.030 - .050	2.112	1.509	.020 - .040	2.125	1.251	.050 - .075	2.137	1.969	.005 - .010
2.033	1.745	.010 - .020	2.050	.629	.005 - .010	2.076	1.629	.050 - .070	2.112	1.831	.050 - .070	2.125	1.252	.090 - .105	2.138	1.897	.005 - .010
2.033	1.790	.020 - .040	2.050	.630	.005 - .020	2.077	1.155	.080 - .104	2.113	.256	.006 - .016	2.125	1.260	.075 - .090	2.138	1.968	.025 - .040
2.033	1.845	.040 - .060	2.050	.651	.080 - .100	2.077	1.380	.080 - .104	2.113	.876	.015 - .030	2.125	1.308	.025 - .050	2.139	1.417	.080 - .104
2.034	1.574	.020 - .040	2.050	.731	.010 - .020	2.077	1.639	.030 - .050	2.113	1.497	.070 - .090	2.125	1.339	.080 - .105	2.139	1.454	.005 - .010
2.035	.423	.030 - .050	2.050	1.425	.030 - .050	2.077	1.719	.030 - .050	2.113	1.535	.010 - .020	2.125	1.376	.015 - .030	2.139	1.818	.005 - .010
2.035	.788	.105 - .125	2.050	1.660	.075 - .090	2.078	1.237	.005 - .010	2.113	1.735	.040 - .060	2.125	1.408	.030 - .050	2.139	1.821	.025 - .040
2.035	1.002	.090 - .110	2.050	1.708	.040 - .060	2.078	1.620	.005 - .010	2.113	1.890	.020 - .040	2.125	1.439	.015 - .030	2.139	1.896	.030 - .040
2.035	1.386	.020 - .040	2.050	1.730	.005 - .010	2.078	1.691	.050 - .060	2.113	1.916	.005 - .010	2.125	1.500	.005 - .010	2.140	1.730	.025 - .040
2.035	1.690	.040 - .060	2.050	1.730	.015 - .030	2.079	1.750	.060 - .080	2.114	.790	.015 - .030	2.125	1.500	.015 - .104	2.140	2.012	.040 - .060
2.035	1.750	.050 - .075	2.050	1.730	.040 - .060	2.080	.834	.070 - .090	2.114	1.190	.025 - .040	2.125	1.504	.040 - .060	2.142	1.545	.030 - .050
2.035	1.834	.025 - .042	2.050	1.730	.090 - .100	2.080	1.600	.005 - .040	2.114	1.900	.015 - .030	2.125	1.507	.005 - .060	2.142	1.941	.005 - .010
2.035	1.933	.020 - .030	2.051	.631	.120 - .140	2.080	1.695	.090 - .105	2.115	.986	.080 - .100	2.125	1.510	.020 - .040	2.142	2.003	.005 - .010
2.036	1.557	.040 - .062	2.051	.755	.010 - .020	2.080	1.719	.030 - .040	2.115	1.762	.020 - .030	2.125	1.526	.040 - .060	2.143	1.621	.005 - .010
2.037	1.060	.005 - .010	2.052	.626	.025 - .040	2.081	.820	.042 - .060	2.116	1.330	.030 - .050	2.125	1.529	.005 - .010	2.143	1.730	.020 - .040
2.037	1.588	.005 - .010	2.054	1.274	.010 - .020	2.081	1.060	.010 - .020	2.117	1.152	.005 - .010	2.125	1.562	.050 - .070	2.143	1.791	.010 - .020
2.037	1.676	.050 - .070	2.054	1.384	.025 - .040	2.082	1.883	.005 - .010	2.117	1.764	.005 - .010	2.125	1.580	.005 - .010	2.144	1.745	.080 - .095
2.038	.989	.080 - .100	2.054	1.632	.015 - .030	2.082	1.942	.020 - .030	2.118	1.382	.070 - .090	2.125	1.586	.005 - .010	2.144	1.831	.050 - .070
2.038	1.875	.015 - .030	2.055	1.570	.005 - .010	2.083	1.440	.005 - .010	2.118	1.508	.105 - .125	2.125	1.625	.015 - .030	2.144	1.890	.005 - .010
2.039	.281	.030 - .050	2.056	.528	.048 - .062	2.085	1.429	.040 - .060	2.118	1.537	.005 - .010	2.125	1.641	.010 - .040	2.145	.845	.005 - .010
2.039	1.527	.105 - .135	2.057	.390	.040 - .060	2.085	1.801	.025 - .040	2.118	1.610	.070 - .080	2.125	1.642	.040 - .060	2.145	1.730	.005 - .010
2.039	1.781	.005 - .010	2.058	.482	.048 - .062	2.086	.787	.020 - .035	2.118	1.641	.060 - .080	2.125	1.671	.010 - .020	2.145	1.745	.030 - .050
2.040	.990	.015 - .030	2.058	.519	.156 - .190	2.086	1.536	.030 - .050	2.118	1.887	.025 - .040	2.125	1.750	.010 - .020	2.145	1.967	.005 - .010
2.040	1.383	.005 - .010	2.058	.533	.160 - .180	2.086	1.674	.005 - .010	2.119	1.061	.075 - .090	2.125	1.751	.090 - .105	2.146	1.645	.070 - .090
2.040	1.410	.005 - .007	2.058	.630	.105 - .135	2.089	1.508	.050 - .070	2.119	1.414	.020 - .040	2.125	1.757	.025 - .050	2.146	1.654	.075 - .090
2.040	1.620	.070 - .105	2.058	1.010	.010 - .020	2.090	.815	.070 - .090	2.119	1.503	.005 - .010	2.125	1.781	.025 - .040	2.146	1.743	.005 - .020
2.040	1.625	.005 - .010	2.058	1.196	.050 - .070	2.090	.941	.110 - .135	2.119	1.512	.005 - .010	2.125	1.811	.015 - .030	2.147	1.671	.030 - .050
2.040	1.787	.050 - .070	2.058	1.515	.020 - .040	2.092	1.801	.010 - .020	2.119	1.587	.050 - .070	2.125	1.852	.015 - .030	2.148	.626	.015 - .030
2.041	1.500	.040 - .060	2.058	1.671	.050 - .060	2.093	.223	.100 - .125	2.120	.628	.050 - .075	2.125	1.876	.050 - .070	2.148	.690	.105 - .135
2.041	1.773	.020 - .030	2.059	.402	.030 - .060	2.093	1.001	.060 - .080	2.120	.810	.015 - .030	2.125	1.891	.005 - .010	2.148	.878	.105 - .135
2.042	.331	.040 - .060	2.059	1.671	.030 - .060	2.093	1.656	.005 - .010	2.120	.875	.040 - .062	2.125	1.978	.005 - .020	2.148	1.003	.010 - .020
2.042	1.312	.050 - .070	2.059	1.750	.050 - .075	2.095	.473	.080 - .100	2.120	.927	.156 - .187	2.126	.439	.010 - .030	2.148	1.764	.030 - .040
2.042	1.630	.040 - .060	2.059	1.759	.005 - .010	2.095	.636	.005 - .010	2.120	1.014	.015 - .030	2.126	.631	.005 - .010	2.148	1.778	.050 - .070
2.042	1.795	.050 - .075	2.060	.221	.050 - .075	2.095	.688	.105 - .135	2.120	1.187	.015 - .025	2.126	.755	.050 - .105	2.148	1.988	.060 - .075
2.042	1.940	.020 - .030	2.060	.250	.040 - .060	2.095	.875	.105 - .135	2.120	1.265	.040 - .060	2.126	1.390	.140 - .160	2.150	.505	.010 - .020
2.043	1.451	.025 - .040	2.060	.254	.005 - .130	2.095	1.890	.005 - .010	2.120	1.273	.030 - .050	2.126	1.950	.040 - .060	2.150	.631	.010 - .020
2.043	1.825	.015 - .030	2.060	.312	.005 - .010	2.095	1.901	.005 - .010	2.120	1.305	.030 - .050	2.127	.385	.005 - .010	2.150	.755	.010 - .020
2.043	1.940	.010 - .020	2.060	.390	.005 - .010	2.095	1.946	.005 - .010	2.120	1.490	.090 - .105	2.127	.406	.100 - .120	2.150	.813	.100 - .125
2.044	1.025	.050 - .070	2.060	.443	.005 - .010	2.096	.202	.015 - .020	2.120	1.506	.050 - .070	2.127	.754	.040 - .060	2.150	1.250	.100 - .125
2.044	1.826	.010 - .020	2.060	.530	.050 - .075	2.096	1.186	.015 - .030	2.120	1.615	.050 - .075	2.127	.999	.010 - .020	2.150	1.379	.020 - .040
2.045	.344	.040 - .060	2.060	.762	.090 - .110	2.097	1.013	.110 - .125	2.120	1.698	.010 - .020	2.127	1.021	.080 - .105	2.150	1.778	.015 - .050
2.045	.722	.005 - .030	2.060	.800	.025 - .036	2.098	.253	.025 - .040	2.120	1.785	.050 - .075	2.127	1.260	.005 - .010	2.150	1.900	.005 - .010
2.045	.724	.005 - .050	2.060	.890	.080 - .104	2.098	.760	.015 - .030	2.120	1.811	.080 - .105	2.127	1.625	.005 - .010	2.151	.629	.005 - .010
2.045	1.256	.050 - .070	2.060	1.141	.040 - .060	2.098	1.013	.010 - .020	2.120	1.819	.025 - .040	2.127	1.673	.040 - .060	2.151	.687	.100 - .125
2.045	1.344	.040 - .060	2.060	1.438	.030 - .050	2.098	1.635	.010 - .020	2.121	1.903	.010 - .020	2.128	1.122	.050 - .075	2.151	.874	.100 - .125
2.045	1.703	.005 - .010	2.060	1.450	.025 - .042	2.098	1.909	.020 - .040	2.122	1.507	.020 - .030	2.128	1.374	.060 - .080	2.151	1.379	.025 - .040
2.045	1.730	.010 - .020	2.060	1.511	.005 - .010	2.099	1.200	.010 - .020	2.122	1.631	.020 - .030	2.128	1.505	.050 - .070	2.152	.630	.005 - .010
2.045	1.881	.005 - .010	2.060	1.520	.040 - .060	2.099	1.638	.005 - .010	2.122	1.877	.005 - .010	2.128	1.626	.005 - .010	2.153	.724	.100 - .134
2.046	1.536	.060 - .080	2.060	1.629	.015 - .030	2.100	.505	.005 - .020	2.122	1.878	.020 - .040	2.128	1.668	.005 - .010	2.153	.875	.100 - .125
2.046	1.611	.070 - .090	2.060	1.672	.020 - .040	2.100	.753	.025 - .040	2.123	.890	.090 - .105	2.129	.251	.050 - .070	2.153</		

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
2.158	1.060	.075 - .090	2.186	1.550	.020 - .040	2.215	.916	.005 - .010	2.245	.886	.105 - .125	2.250	.517	.005 - .110	2.250	2.062	.015 - .030
2.158	1.063	.080 - .120	2.187	.251	.050 - .070	2.215	.933	.040 - .060	2.245	1.005	.060 - .070	2.250	.519	.170 - .190	2.250	2.082	.005 - .010
2.158	1.469	.005 - .010	2.187	.565	.005 - .010	2.215	1.153	.060 - .090	2.245	1.192	.005 - .010	2.250	.531	.050 - .060	2.251	.266	.005 - .010
2.158	1.564	.080 - .120	2.187	.822	.060 - .080	2.215	1.434	.075 - .100	2.245	1.259	.090 - .105	2.250	.562	.135 - .156	2.251	.378	.025 - .040
2.158	1.727	.030 - .050	2.187	1.756	.005 - .010	2.215	1.510	.005 - .010	2.245	1.319	.025 - .040	2.250	.620	.030 - .050	2.251	.540	.134 - .156
2.159	.386	.010 - .020	2.188	.320	.050 - .070	2.215	1.976	.010 - .020	2.245	1.343	.025 - .042	2.250	.626	.015 - .030	2.251	.579	.090 - .105
2.159	1.690	.025 - .040	2.188	.446	.050 - .070	2.215	1.977	.010 - .020	2.245	1.375	.080 - .105	2.250	.629	.040 - .060	2.251	.812	.005 - .010
2.160	1.127	.020 - .030	2.188	.781	.100 - .134	2.216	.914	.050 - .060	2.245	1.380	.030 - .050	2.250	.639	.015 - .030	2.251	.905	.030 - .050
2.160	1.400	.040 - .125	2.188	1.069	.030 - .050	2.216	1.575	.025 - .040	2.245	1.395	.010 - .020	2.250	.640	.156 - .187	2.251	1.083	.120 - .140
2.160	1.730	.020 - .040	2.188	1.126	.050 - .075	2.217	1.632	.040 - .060	2.245	1.417	.080 - .125	2.250	.641	.125 - .156	2.251	1.377	.040 - .060
2.162	.668	.020 - .030	2.189	1.690	.025 - .040	2.218	.127	.042 - .060	2.245	1.738	.110 - .130	2.250	.642	.105 - .125	2.251	1.501	.030 - .050
2.162	.756	.025 - .040	2.190	1.125	.025 - .040	2.218	.328	.010 - .020	2.245	1.921	.020 - .040	2.250	.643	.135 - .156	2.251	1.519	.025 - .040
2.162	.857	.020 - .030	2.190	1.455	.020 - .040	2.218	1.437	.040 - .060	2.245	2.007	.010 - .015	2.250	.662	.140 - .160	2.251	1.538	.005 - .010
2.162	1.512	.080 - .105	2.190	1.517	.015 - .030	2.219	1.408	.020 - .040	2.246	.378	.080 - .100	2.250	.688	.104 - .125	2.251	1.563	.030 - .040
2.162	1.724	.134 - .160	2.190	1.627	.005 - .010	2.219	1.686	.010 - .020	2.246	.627	.025 - .040	2.250	.745	.020 - .040	2.251	2.025	.105 - .135
2.162	1.760	.032 - .050	2.190	1.711	.015 - .030	2.220	.190	.005 - .010	2.246	.631	.156 - .179	2.250	.750	.075 - .104	2.251	2.125	.040 - .060
2.163	.252	.030 - .050	2.191	1.254	.015 - .030	2.220	.886	.005 - .010	2.246	1.048	.050 - .070	2.250	.759	.090 - .105	2.252	.377	.025 - .040
2.163	.678	.005 - .010	2.191	1.892	.060 - .080	2.220	1.290	.150 - .164	2.246	1.058	.050 - .070	2.250	.771	.060 - .080	2.252	.758	.040 - .060
2.163	1.929	.060 - .080	2.191	2.005	.015 - .030	2.220	1.832	.010 - .030	2.246	1.064	.025 - .040	2.250	.781	.100 - .134	2.252	.781	.090 - .120
2.163	2.028	.005 - .010	2.192	1.636	.040 - .062	2.220	1.906	.050 - .070	2.246	1.813	.050 - .075	2.250	.790	.040 - .060	2.252	1.000	.040 - .060
2.164	.987	.050 - .070	2.192	1.754	.030 - .040	2.221	1.312	.100 - .125	2.247	.538	.010 - .020	2.250	.795	.050 - .070	2.252	1.032	.005 - .010
2.164	1.801	.025 - .040	2.193	.972	.025 - .042	2.222	.826	.030 - .050	2.247	.762	.005 - .010	2.250	.874	.060 - .080	2.252	1.253	.050 - .070
2.164	1.898	.070 - .090	2.193	1.934	.030 - .040	2.225	.812	.020 - .040	2.247	.905	.010 - .020	2.250	.875	.125 - .156	2.252	1.511	.050 - .075
2.164	1.908	.050 - .070	2.193	2.006	.010 - .020	2.225	1.804	.050 - .070	2.247	1.200	.010 - .020	2.250	.877	.070 - .090	2.252	1.656	.005 - .010
2.165	.254	.005 - .010	2.196	1.698	.010 - .020	2.226	1.616	.080 - .100	2.248	.250	.105 - .120	2.250	.880	.005 - .010	2.252	1.887	.005 - .010
2.165	.323	.030 - .050	2.196	1.702	.005 - .010	2.226	1.650	.020 - .040	2.248	.620	.015 - .030	2.250	.885	.125 - .135	2.252	1.979	.080 - .105
2.165	.502	.010 - .020	2.196	1.982	.005 - .010	2.227	1.451	.050 - .070	2.248	.656	.156 - .187	2.250	1.004	.080 - .100	2.253	.188	.025 - .040
2.165	.670	.105 - .135	2.197	1.650	.040 - .060	2.227	1.800	.020 - .070	2.248	.883	.005 - .010	2.250	1.014	.005 - .010	2.253	.252	.025 - .040
2.165	1.379	.020 - .040	2.198	1.047	.040 - .060	2.227	1.855	.105 - .135	2.248	1.033	.105 - .120	2.250	1.022	.090 - .104	2.253	.517	.105 - .125
2.165	1.380	.005 - .010	2.198	1.126	.040 - .060	2.228	1.685	.105 - .125	2.248	1.127	.050 - .075	2.250	1.040	.010 - .090	2.253	.642	.120 - .135
2.165	1.506	.050 - .070	2.198	2.047	.005 - .010	2.228	1.857	.060 - .090	2.248	1.190	.005 - .010	2.250	1.060	.015 - .030	2.253	.780	.005 - .010
2.165	1.645	.005 - .010	2.199	.250	.005 - .010	2.230	1.282	.060 - .080	2.248	1.249	.015 - .030	2.250	1.067	.005 - .010	2.253	1.011	.030 - .050
2.165	1.660	.080 - .100	2.199	.629	.015 - .030	2.230	1.600	.010 - .020	2.248	1.250	.090 - .105	2.250	1.180	.105 - .135	2.253	1.063	.120 - .156
2.165	1.701	.030 - .050	2.199	.706	.050 - .070	2.230	1.800	.030 - .120	2.248	1.290	.105 - .125	2.250	1.255	.040 - .060	2.253	1.145	.120 - .134
2.165	1.790	.040 - .050	2.199	.840	.005 - .010	2.230	1.937	.072 - .090	2.248	1.315	.005 - .010	2.250	1.256	.005 - .010	2.253	1.751	.105 - .135
2.165	1.800	.005 - .010	2.200	.360	.050 - .070	2.230	1.939	.005 - .010	2.248	1.507	.030 - .050	2.250	1.257	.025 - .042	2.253	1.752	.050 - .070
2.165	1.968	.005 - .010	2.200	.628	.010 - .020	2.231	1.763	.050 - .060	2.248	1.508	.005 - .010	2.250	1.263	.060 - .080	2.253	1.973	.050 - .070
2.166	.458	.090 - .105	2.200	.880	.060 - .070	2.232	1.761	.050 - .070	2.248	1.655	.005 - .090	2.250	1.265	.050 - .135	2.253	2.011	.020 - .032
2.166	1.216	.050 - .070	2.200	1.010	.005 - .060	2.232	1.764	.010 - .030	2.248	1.749	.015 - .035	2.250	1.274	.080 - .104	2.254	1.511	.020 - .030
2.166	1.594	.060 - .090	2.200	1.378	.105 - .125	2.233	1.845	.010 - .020	2.248	1.753	.005 - .010	2.250	1.278	.100 - .134	2.254	1.555	.110 - .130
2.167	1.408	.070 - .090	2.200	1.519	.030 - .050	2.233	2.033	.015 - .030	2.248	1.767	.080 - .100	2.250	1.279	.005 - .010	2.255	1.032	.090 - .120
2.167	1.718	.005 - .010	2.200	1.599	.048 - .075	2.234	1.250	.015 - .025	2.248	1.834	.005 - .010	2.250	1.286	.010 - .020	2.255	1.242	.030 - .040
2.167	1.772	.070 - .090	2.200	1.700	.048 - .075	2.235	1.034	.005 - .010	2.248	1.875	.030 - .050	2.250	1.287	.040 - .060	2.255	1.625	.040 - .062
2.169	.720	.020 - .030	2.200	1.800	.105 - .120	2.235	1.499	.050 - .070	2.248	1.889	.025 - .040	2.250	1.311	.040 - .060	2.255	1.645	.005 - .010
2.170	.536	.005 - .010	2.200	1.830	.040 - .060	2.235	1.509	.005 - .030	2.248	1.912	.050 - .070	2.250	1.335	.025 - .050	2.256	1.281	.090 - .125
2.170	.597	.005 - .010	2.200	1.884	.030 - .050	2.235	1.640	.005 - .010	2.248	1.990	.005 - .010	2.250	1.375	.010 - .020	2.256	1.778	.030 - .040
2.170	1.520	.015 - .030	2.200	1.885	.060 - .080	2.235	1.950	.040 - .060	2.248	2.000	.010 - .020	2.250	1.380	.015 - .030	2.257	1.938	.005 - .010
2.170	1.556	.005 - .010	2.200	1.920	.020 - .030	2.236	1.442	.005 - .010	2.248	2.002	.080 - .100	2.250	1.387	.105 - .134	2.260	.632	.070 - .090
2.171	.662	.005 - .010	2.201	.505	.005 - .020	2.236	1.562	.070 - .090	2.249	.316	.050 - .070	2.250	1.425	.030 - .050	2.260	.880	.030 - .040
2.171	1.734	.050 - .070	2.201	.755	.005 - .010	2.238	.640	.130 - .150	2.249	.438	.156 - .187	2.250	1.438	.030 - .050	2.260	1.268	.005 - .010
2.171	1.900	.010 - .020	2.201	1.520	.040 - .060	2.238	1.427	.025 - .040	2.249	.439	.104 - .120	2.250	1.442	.050 - .075	2.260	1.320	.010 - .030
2.171	1.969	.005 - .010	2.201	2.010	.010 - .020	2.239	.875	.100 - .125	2.249	.540	.015 - .030	2.250	1.455	.015 - .030	2.260	1.890	.015 - .030
2.172	.476	.005 - .010	2.201	2.039	.005 - .010	2.239	1.020	.156 - .188	2.249	.542	.150 - .170	2.250	1.500	.060 - .156	2.265	1.635	.005 - .010
2.172	1.760	.020 - .030	2.202	.752	.015 - .030	2.239	1.260	.050 - .060	2.249	.752	.005 - .010	2.250	1.510	.005 - .010	2.265	1.880	.010 - .020
2.173	1.393	.005 - .010	2.202	1.887	.005 - .010	2.239	1.773	.050 - .070	2.249	.756	.005 - .010	2.250	1.530	.042 - .060	2.266	.354	.060 - .080
2.173	1.709	.005 - .010	2.203	.255	.100 - .125	2.240	.487	.180 - .200	2.249	.800	.080 - .100	2.250	1.563	.050 - .104	2.267	1.932	.025 - .040
2.175	1.710	.020 - .040	2.203	1.026	.010 - .020	2.240	.782	.156 - .188	2.249	1.217	.005 - .010	2.250	1.598	.030 - .050	2.268	.316	.015 - .030
2.176	.942	.050 - .070	2.203	1.582	.050 - .075	2.240	1.115	.020 - .030	2.249	1.640	.005 - .020	2.250	1.615	.015 - .030	2.269	.916	.005 - .010
2.176	2.068	.010 - .020	2.203	1.884	.030 - .050	2.240	1.200	.016 - .032	2.249	1.711	.040 - .060	2.250	1.620	.040 - .060	2.269	1.260	.050 - .070
2.177	.500	.120 - .140	2.204	1.455	.040 - .060	2.240	1.384	.080 - .105	2.250	1.628	.110 - .130	2.250	1.628	.110 - .130	2.270	1.813	.020 - .030
2.177	1.545	.010 - .020	2.205	1.122	.050 - .070	2.240	1.440	.105 - .135	2.250	1.630	.005 - .020	2.250	1.630	.005 - .020	2.270	1.885	.030 - .050
2																	

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
2.278	1.940	.040 - .060	2.312	1.651	.105 - .134	2.350	1.267	.050 - .070	2.371	1.865	.015 - .030	2.378	1.255	.005 - .010	2.400	2.205	.005 - .010
2.278	1.990	.050 - .070	2.312	1.802	.005 - .010	2.350	1.396	.005 - .010	2.372	.418	.015 - .030	2.378	1.785	.025 - .035	2.400	2.220	.050 - .070
2.279	.313	.030 - .050	2.312	1.881	.010 - .020	2.350	1.815	.005 - .010	2.372	.866	.025 - .060	2.378	1.800	.090 - .125	2.401	.761	.010 - .030
2.279	1.746	.020 - .030	2.312	2.000	.040 - .060	2.350	1.947	.090 - .105	2.372	1.000	.025 - .040	2.378	1.849	.090 - .105	2.401	1.209	.015 - .030
2.280	1.070	.040 - .060	2.313	1.828	.015 - .030	2.350	2.010	.010 - .040	2.372	1.015	.100 - .125	2.378	1.997	.090 - .115	2.401	1.889	.015 - .010
2.280	1.150	.025 - .040	2.313	1.992	.005 - .010	2.351	.270	.080 - .100	2.372	1.512	.050 - .075	2.378	2.000	.040 - .060	2.401	2.067	.025 - .040
2.280	2.032	.050 - .070	2.313	2.185	.005 - .010	2.351	.628	.010 - .020	2.372	1.654	.040 - .060	2.378	2.005	.040 - .060	2.402	.760	.015 - .030
2.282	1.575	.125 - .135	2.314	.745	.070 - .090	2.351	1.659	.010 - .020	2.372	1.990	.015 - .030	2.379	.876	.060 - .080	2.402	.857	.050 - .070
2.282	1.771	.050 - .070	2.314	1.313	.020 - .060	2.352	.638	.156 - .190	2.373	.193	.060 - .080	2.379	1.505	.040 - .060	2.402	1.970	.070 - .090
2.283	.334	.060 - .080	2.314	1.758	.025 - .040	2.352	1.660	.005 - .010	2.373	.210	.030 - .050	2.379	1.630	.010 - .030	2.402	2.000	.060 - .075
2.283	1.261	.080 - .104	2.314	1.991	.005 - .010	2.354	2.100	.010 - .020	2.373	.630	.015 - .030	2.379	2.011	.030 - .040	2.402	2.295	.005 - .030
2.283	1.948	.015 - .030	2.315	1.496	.010 - .020	2.355	1.873	.005 - .010	2.373	.642	.080 - .100	2.380	.551	.080 - .105	2.403	2.196	.005 - .010
2.284	2.043	.040 - .060	2.315	1.906	.040 - .060	2.355	2.217	.010 - .020	2.373	.755	.005 - .010	2.380	.670	.050 - .075	2.404	1.903	.005 - .010
2.284	2.070	.030 - .040	2.315	1.986	.090 - .105	2.356	.815	.080 - .105	2.373	.876	.050 - .070	2.380	.870	.060 - .090	2.405	.135	.005 - .010
2.285	.768	.075 - .090	2.315	2.032	.040 - .060	2.358	1.095	.025 - .040	2.373	1.125	.025 - .040	2.380	1.000	.040 - .060	2.405	.467	.050 - .070
2.285	2.070	.005 - .010	2.316	.173	.040 - .060	2.358	1.542	.030 - .050	2.373	1.281	.030 - .045	2.380	1.250	.030 - .040	2.405	.993	.080 - .104
2.287	.770	.080 - .104	2.316	.623	.020 - .040	2.358	1.600	.020 - .040	2.373	1.300	.040 - .060	2.380	1.632	.010 - .020	2.405	2.125	.010 - .025
2.290	1.125	.105 - .134	2.316	1.757	.032 - .050	2.358	1.932	.135 - .156	2.373	1.500	.050 - .070	2.380	1.649	.030 - .050	2.405	2.217	.040 - .060
2.290	2.160	.020 - .040	2.316	2.058	.005 - .010	2.358	2.130	.010 - .020	2.373	1.739	.015 - .025	2.380	1.700	.050 - .060	2.407	.658	.100 - .120
2.291	1.630	.030 - .050	2.317	1.941	.025 - .040	2.359	1.260	.020 - .040	2.373	1.912	.005 - .010	2.380	1.937	.040 - .060	2.408	1.875	.020 - .040
2.293	1.127	.090 - .105	2.317	1.969	.070 - .080	2.360	.438	.070 - .090	2.373	1.937	.030 - .050	2.380	1.997	.015 - .030	2.409	1.873	.030 - .050
2.295	1.857	.030 - .050	2.318	.771	.005 - .010	2.360	.728	.050 - .070	2.373	2.166	.040 - .060	2.380	2.020	.090 - .105	2.410	1.908	.007 - .035
2.295	1.857	.080 - .090	2.318	1.760	.005 - .010	2.360	1.003	.050 - .070	2.374	.346	.105 - .125	2.380	2.090	.010 - .020	2.411	2.187	.005 - .010
2.295	1.858	.020 - .030	2.318	1.942	.020 - .040	2.360	1.133	.160 - .190	2.374	.560	.040 - .060	2.381	.328	.050 - .070	2.414	1.624	.005 - .010
2.295	2.052	.025 - .040	2.320	1.580	.070 - .090	2.360	1.262	.005 - .010	2.374	.625	.050 - .075	2.381	1.437	.025 - .040	2.414	1.935	.025 - .040
2.296	.187	.025 - .040	2.320	1.681	.005 - .010	2.360	1.375	.015 - .060	2.374	.900	.020 - .040	2.381	1.552	.020 - .040	2.416	1.519	.040 - .060
2.296	.501	.015 - .025	2.321	1.580	.010 - .020	2.360	1.578	.005 - .040	2.374	1.066	.005 - .010	2.382	2.014	.105 - .125	2.416	1.911	.030 - .040
2.296	2.068	.025 - .040	2.321	2.053	.005 - .010	2.360	1.958	.010 - .020	2.374	1.170	.030 - .187	2.383	.881	.060 - .080	2.417	1.465	.050 - .070
2.297	1.960	.005 - .010	2.322	.192	.015 - .030	2.360	2.165	.005 - .010	2.374	1.374	.050 - .070	2.383	2.144	.005 - .010	2.418	1.873	.020 - .040
2.298	.402	.105 - .125	2.322	1.770	.030 - .040	2.361	1.009	.025 - .070	2.374	1.535	.040 - .060	2.384	.318	.090 - .110	2.419	2.187	.005 - .010
2.298	1.325	.005 - .010	2.322	2.000	.015 - .030	2.361	1.047	.005 - .010	2.374	1.537	.020 - .040	2.385	.254	.080 - .100	2.420	1.873	.020 - .030
2.299	1.205	.005 - .010	2.323	.311	.015 - .030	2.361	1.181	.080 - .120	2.374	1.757	.010 - .020	2.385	1.877	.010 - .020	2.420	2.100	.020 - .030
2.300	.158	.040 - .060	2.323	1.693	.040 - .060	2.361	1.774	.010 - .020	2.374	1.811	.005 - .050	2.385	1.935	.060 - .080	2.420	2.180	.020 - .035
2.300	.196	.005 - .010	2.323	1.813	.005 - .010	2.361	2.026	.040 - .060	2.374	1.990	.100 - .120	2.387	1.366	.050 - .075	2.420	2.186	.015 - .030
2.300	.504	.010 - .020	2.323	1.948	.070 - .090	2.362	.240	.020 - .030	2.375	.139	.040 - .062	2.388	1.433	.060 - .070	2.420	2.187	.030 - .050
2.300	.628	.005 - .010	2.323	2.165	.050 - .070	2.362	.502	.010 - .020	2.375	.165	.030 - .050	2.388	1.701	.050 - .070	2.421	1.751	.050 - .070
2.300	.631	.005 - .010	2.324	1.253	.025 - .040	2.362	1.002	.005 - .010	2.375	.280	.025 - .040	2.388	2.048	.040 - .060	2.421	2.125	.020 - .040
2.300	.755	.005 - .020	2.324	1.811	.020 - .040	2.362	1.541	.020 - .050	2.375	.369	.156 - .187	2.389	1.443	.050 - .060	2.422	1.522	.110 - .130
2.300	1.314	.105 - .135	2.325	1.851	.050 - .070	2.362	1.575	.020 - .040	2.375	.375	.104 - .134	2.390	.799	.015 - .030	2.422	2.040	.100 - .125
2.300	1.591	.060 - .080	2.325	2.008	.015 - .060	2.362	1.875	.005 - .010	2.375	.390	.160 - .190	2.390	1.120	.015 - .030	2.422	2.215	.005 - .010
2.300	1.654	.050 - .070	2.325	2.062	.005 - .010	2.362	1.891	.040 - .060	2.375	.503	.015 - .025	2.390	1.188	.050 - .070	2.423	1.422	.005 - .008
2.300	1.678	.005 - .010	2.325	2.148	.005 - .010	2.362	2.075	.015 - .030	2.375	.506	.080 - .100	2.390	1.328	.010 - .050	2.423	1.623	.030 - .050
2.300	1.750	.010 - .020	2.328	.500	.120 - .135	2.362	2.086	.020 - .040	2.375	.640	.040 - .060	2.390	1.850	.020 - .040	2.424	1.125	.110 - .130
2.300	1.950	.030 - .050	2.328	1.199	.030 - .050	2.363	1.010	.005 - .015	2.375	.687	.050 - .075	2.391	2.070	.005 - .010	2.425	1.520	.040 - .060
2.300	2.000	.040 - .060	2.328	2.006	.005 - .010	2.363	1.122	.100 - .120	2.375	.717	.100 - .135	2.391	2.078	.040 - .060	2.425	1.552	.020 - .030
2.301	.625	.005 - .010	2.330	1.200	.005 - .010	2.363	1.526	.120 - .135	2.375	.945	.006 - .020	2.393	1.100	.010 - .050	2.425	1.899	.010 - .020
2.301	1.480	.050 - .125	2.331	1.627	.090 - .110	2.363	1.870	.060 - .080	2.375	.955	.100 - .120	2.395	.813	.040 - .060	2.427	1.187	.010 - .020
2.302	1.620	.050 - .070	2.334	2.162	.010 - .020	2.363	1.889	.010 - .020	2.375	1.067	.120 - .140	2.395	1.435	.050 - .070	2.427	1.191	.050 - .070
2.303	1.811	.005 - .010	2.334	2.164	.025 - .040	2.363	2.206	.010 - .020	2.375	1.269	.100 - .125	2.395	1.443	.050 - .070	2.428	1.510	.050 - .070
2.303	2.000	.005 - .010	2.335	1.968	.050 - .070	2.364	.630	.105 - .125	2.375	1.345	.050 - .070	2.395	2.000	.020 - .030	2.428	2.001	.020 - .030
2.303	2.194	.005 - .010	2.335	1.995	.020 - .030	2.365	.674	.125 - .156	2.375	1.371	.100 - .120	2.395	2.099	.005 - .010	2.428	2.020	.042 - .060
2.304	1.905	.100 - .120	2.338	1.636	.020 - .040	2.365	1.136	.005 - .010	2.375	1.381	.005 - .010	2.396	1.085	.010 - .020	2.430	1.651	.010 - .020
2.304	2.000	.005 - .010	2.339	.430	.060 - .080	2.365	1.750	.015 - .030	2.375	1.490	.025 - .050	2.396	1.783	.005 - .010	2.430	1.938	.010 - .020
2.305	1.498	.008 - .016	2.339	2.235	.020 - .030	2.365	2.266	.015 - .030	2.375	1.500	.010 - .020	2.396	2.099	.010 - .060	2.430	2.000	.020 - .040
2.305	1.681	.050 - .075	2.340	1.752	.005 - .025	2.366	1.508	.030 - .050	2.375	1.639	.100 - .125	2.396	2.151	.030 - .050	2.430	2.118	.015 - .025
2.306	1.899	.048 - .062	2.340	1.753	.030 - .050	2.366	1.570	.030 - .050	2.375	1.645	.005 - .010	2.397	2.024	.030 - .050	2.430	2.121	.005 - .010
2.307	1.199	.030 - .050	2.341	2.200	.005 - .060	2.366	1.827	.030 - .050	2.375	1.688	.030 - .060	2.398	2.170	.005 - .010	2.431	2.090	.005 - .010
2.307	1.893	.110 - .130	2.342	1.770	.075 - .090	2.367	1.520	.100 - .125	2.375	1.766	.050 - .075	2.399	1.393	.080 - .105	2.431	2.091	.020 - .030
2.308	2.208	.005 - .015	2.342	2.001	.050 - .070	2.368	1.379	.040 - .060	2.375	1.785	.015 - .030	2.399	1.560	.025 - .040	2.432	1.005	.015 - .025
2.309	1.061	.015 - .030	2.343	1.773	.005 - .010	2.368	1.380	.015 - .030	2.375	1.812	.060 - .080	2.399	1.681	.025 - .040	2.432	1.267	.025 - .040
2.310	.661	.015 - .030	2.344	1.033	.020 - .040	2.368	1.640	.050 - .070	2.375	1.906							

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
2.437	2.000	.005 - .075	2.481	1.673	.105 - .135	2.498	1.881	.020 - .030	2.500	1.165	.020 - .040	2.502	1.796	.070 - .090	2.559	1.639	.010 - .020
2.437	2.187	.025 - .040	2.481	2.185	.005 - .010	2.498	1.910	.060 - .070	2.500	1.192	.040 - .060	2.502	1.800	.070 - .090	2.559	1.897	.105 - .120
2.437	2.250	.020 - .040	2.482	2.142	.025 - .040	2.498	2.002	.005 - .015	2.500	1.262	.010 - .020	2.502	1.999	.125 - .156	2.560	.531	.135 - .187
2.438	.350	.005 - .010	2.482	2.150	.050 - .070	2.498	2.015	.050 - .070	2.500	1.268	.050 - .070	2.502	2.273	.005 - .010	2.560	1.136	.050 - .070
2.438	.390	.042 - .060	2.483	1.591	.080 - .090	2.498	2.032	.015 - .030	2.500	1.272	.015 - .025	2.502	2.282	.025 - .040	2.560	1.220	.040 - .050
2.438	.660	.110 - .120	2.483	2.110	.020 - .030	2.498	2.119	.060 - .080	2.500	1.275	.105 - .125	2.503	.509	.010 - .020	2.560	1.250	.025 - .040
2.438	.691	.105 - .135	2.484	1.640	.005 - .010	2.498	2.198	.005 - .020	2.500	1.279	.100 - .125	2.503	.625	.040 - .060	2.560	1.422	.030 - .050
2.438	.940	.100 - .125	2.485	1.055	.135 - .156	2.498	2.310	.070 - .080	2.500	1.280	.005 - .010	2.503	1.252	.090 - .100	2.560	1.879	.005 - .010
2.438	1.693	.020 - .040	2.485	1.395	.105 - .125	2.499	.325	.060 - .080	2.500	1.295	.010 - .020	2.503	1.578	.020 - .030	2.560	1.898	.090 - .105
2.438	2.007	.040 - .060	2.485	1.667	.010 - .020	2.499	1.026	.005 - .010	2.500	1.300	.070 - .090	2.503	2.076	.070 - .090	2.560	2.366	.005 - .010
2.438	2.160	.015 - .025	2.487	1.015	.134 - .187	2.499	1.061	.050 - .070	2.500	1.306	.005 - .010	2.503	2.139	.030 - .040	2.561	.760	.020 - .040
2.438	2.214	.040 - .060	2.487	1.425	.030 - .050	2.499	1.270	.005 - .010	2.500	1.311	.040 - .060	2.504	.875	.100 - .120	2.561	1.657	.100 - .134
2.439	1.966	.040 - .060	2.487	1.635	.005 - .010	2.499	1.313	.105 - .135	2.500	1.323	.005 - .010	2.504	1.501	.050 - .070	2.561	2.091	.042 - .060
2.439	1.977	.005 - .015	2.488	1.998	.010 - .020	2.499	1.379	.060 - .070	2.500	1.346	.005 - .010	2.504	1.515	.020 - .040	2.561	2.177	.010 - .020
2.439	2.164	.015 - .030	2.489	1.748	.050 - .070	2.499	1.387	.060 - .080	2.500	1.375	.030 - .040	2.505	.145	.025 - .040	2.562	.407	.030 - .050
2.440	.837	.105 - .135	2.489	1.776	.015 - .020	2.499	1.498	.025 - .040	2.500	1.392	.040 - .060	2.505	.195	.060 - .080	2.562	1.521	.020 - .040
2.440	1.274	.050 - .070	2.489	2.002	.005 - .010	2.499	1.749	.005 - .020	2.500	1.394	.040 - .060	2.505	.929	.050 - .070	2.562	1.562	.100 - .125
2.440	1.766	.080 - .090	2.490	1.436	.005 - .010	2.499	1.757	.040 - .060	2.500	1.500	.105 - .125	2.505	1.413	.120 - .135	2.562	1.811	.020 - .035
2.440	1.968	.005 - .010	2.490	1.853	.005 - .010	2.499	1.889	.010 - .020	2.500	1.510	.020 - .050	2.505	1.416	.100 - .134	2.562	2.313	.010 - .020
2.440	1.978	.020 - .030	2.490	1.980	.090 - .110	2.499	1.952	.005 - .010	2.500	1.511	.050 - .060	2.505	1.989	.005 - .010	2.563	.756	.020 - .040
2.440	1.982	.015 - .030	2.490	1.996	.105 - .125	2.499	2.009	.005 - .010	2.500	1.517	.005 - .010	2.507	.562	.050 - .125	2.563	2.003	.020 - .040
2.440	2.175	.005 - .010	2.490	2.060	.005 - .010	2.499	2.040	.010 - .020	2.500	1.523	.050 - .070	2.507	2.310	.015 - .025	2.563	2.006	.015 - .030
2.440	2.219	.090 - .105	2.491	1.011	.120 - .156	2.499	2.061	.015 - .020	2.500	1.529	.070 - .090	2.510	.502	.090 - .105	2.563	2.028	.005 - .010
2.440	2.262	.040 - .050	2.491	1.508	.080 - .125	2.500	.100	.015 - .030	2.500	1.561	.050 - .075	2.511	.698	.105 - .125	2.564	1.706	.080 - .105
2.440	2.290	.005 - .010	2.492	1.069	.005 - .010	2.500	.113	.015 - .035	2.500	1.606	.025 - .042	2.511	.781	.040 - .060	2.564	2.435	.005 - .010
2.440	2.330	.010 - .020	2.493	.752	.048 - .062	2.500	.144	.005 - .020	2.500	1.624	.040 - .060	2.511	1.980	.030 - .060	2.565	.412	.005 - .010
2.441	1.527	.050 - .070	2.493	1.255	.080 - .100	2.500	.149	.080 - .090	2.500	1.625	.005 - .060	2.515	.145	.015 - .030	2.565	2.146	.015 - .045
2.446	.315	.105 - .125	2.493	1.400	.025 - .035	2.500	.188	.090 - .105	2.500	1.635	.090 - .125	2.515	2.218	.080 - .100	2.565	2.434	.005 - .020
2.447	1.500	.005 - .010	2.493	1.562	.080 - .105	2.500	.198	.010 - .020	2.500	1.750	.040 - .060	2.516	1.581	.070 - .090	2.566	2.320	.040 - .060
2.447	2.040	.015 - .030	2.493	1.785	.125 - .156	2.500	.261	.100 - .135	2.500	1.755	.005 - .010	2.516	1.683	.030 - .050	2.567	.407	.030 - .050
2.447	2.059	.005 - .010	2.493	1.850	.120 - .135	2.500	.266	.005 - .010	2.500	1.756	.105 - .125	2.518	1.575	.060 - .080	2.570	1.827	.070 - .090
2.447	2.129	.040 - .060	2.493	2.000	.040 - .060	2.500	.312	.125 - .156	2.500	1.759	.090 - .105	2.518	1.918	.040 - .060	2.570	1.828	.010 - .020
2.448	1.749	.005 - .010	2.493	2.062	.040 - .060	2.500	.346	.040 - .060	2.500	1.770	.040 - .060	2.520	.354	.060 - .080	2.571	.710	.080 - .100
2.448	1.989	.070 - .090	2.494	.616	.030 - .050	2.500	.370	.050 - .070	2.500	1.777	.015 - .062	2.520	.368	.005 - .010	2.574	2.250	.010 - .020
2.448	2.089	.005 - .010	2.494	1.257	.005 - .010	2.500	.375	.080 - .104	2.500	1.787	.040 - .060	2.520	1.921	.020 - .030	2.575	.711	.040 - .060
2.449	1.970	.015 - .035	2.495	.508	.105 - .125	2.500	.385	.125 - .156	2.500	1.796	.075 - .156	2.520	2.091	.005 - .010	2.575	2.424	.010 - .020
2.450	.504	.010 - .020	2.495	.616	.010 - .020	2.500	.390	.090 - .120	2.500	1.814	.010 - .031	2.520	2.121	.015 - .030	2.575	2.424	.030 - .050
2.450	.754	.010 - .030	2.495	.620	.015 - .060	2.500	.400	.005 - .010	2.500	1.820	.005 - .010	2.520	2.194	.050 - .070	2.575	2.425	.005 - .010
2.450	1.192	.040 - .060	2.495	1.150	.005 - .010	2.500	.405	.105 - .135	2.500	1.850	.015 - .030	2.520	2.255	.005 - .010	2.578	1.025	.030 - .060
2.450	2.133	.015 - .032	2.495	1.257	.060 - .080	2.500	.438	.090 - .110	2.500	1.889	.030 - .050	2.522	1.921	.005 - .010	2.578	2.076	.005 - .010
2.450	2.135	.005 - .030	2.495	1.319	.105 - .135	2.500	.440	.080 - .100	2.500	1.890	.020 - .030	2.523	2.040	.035 - .062	2.579	2.060	.090 - .120
2.450	2.140	.012 - .020	2.495	1.400	.005 - .010	2.500	.454	.105 - .135	2.500	1.900	.010 - .025	2.524	.533	.005 - .010	2.580	1.381	.120 - .135
2.450	2.305	.040 - .050	2.495	1.651	.030 - .050	2.500	.475	.120 - .140	2.500	1.945	.010 - .060	2.528	2.328	.020 - .030	2.580	2.137	.020 - .040
2.451	.629	.010 - .020	2.495	2.046	.005 - .010	2.500	.500	.060 - .080	2.500	1.954	.025 - .040	2.530	1.251	.060 - .070	2.580	2.196	.015 - .025
2.451	.814	.005 - .010	2.495	2.060	.050 - .075	2.500	.500	.090 - .135	2.500	1.978	.042 - .062	2.530	1.875	.060 - .080	2.580	2.338	.020 - .040
2.452	1.630	.060 - .080	2.495	2.120	.090 - .110	2.500	.501	.015 - .035	2.500	1.990	.010 - .031	2.530	2.040	.005 - .010	2.582	1.750	.010 - .020
2.453	1.565	.060 - .075	2.496	1.122	.005 - .010	2.500	.504	.005 - .020	2.500	2.001	.005 - .010	2.530	2.192	.005 - .010	2.583	.880	.040 - .060
2.453	1.791	.075 - .095	2.496	1.123	.010 - .050	2.500	.520	.105 - .125	2.500	2.002	.036 - .135	2.530	2.260	.020 - .030	2.585	.536	.110 - .130
2.453	1.820	.060 - .080	2.496	1.665	.080 - .093	2.500	.563	.036 - .060	2.500	2.011	.040 - .060	2.530	2.316	.005 - .010	2.586	2.031	.020 - .040
2.453	1.828	.134 - .156	2.496	2.361	.005 - .010	2.500	.623	.040 - .060	2.500	2.030	.020 - .030	2.531	2.331	.015 - .025	2.588	.391	.060 - .080
2.453	2.050	.120 - .135	2.497	.408	.030 - .050	2.500	.624	.005 - .010	2.500	2.124	.020 - .040	2.533	2.365	.005 - .010	2.589	2.100	.040 - .060
2.454	1.020	.015 - .030	2.497	.813	.045 - .060	2.500	.628	.010 - .020	2.500	2.125	.040 - .050	2.534	2.087	.050 - .060	2.590	.345	.105 - .125
2.454	1.827	.105 - .125	2.497	1.049	.005 - .010	2.500	.630	.010 - .020	2.500	2.146	.005 - .010	2.539	.301	.040 - .060	2.590	.600	.050 - .070
2.460	1.726	.050 - .060	2.497	1.311	.005 - .010	2.500	.635	.015 - .030	2.500	2.175	.005 - .060	2.540	1.528	.030 - .050	2.590	2.253	.050 - .070
2.462	1.727	.050 - .070	2.497	1.314	.040 - .060	2.500	.641	.120 - .135	2.500	2.250	.025 - .040	2.540	1.942	.005 - .010	2.591	2.373	.020 - .030
2.462	1.940	.020 - .040	2.497	1.318	.080 - .105	2.500	.656	.156 - .187	2.500	2.258	.040 - .080	2.540	2.090	.010 - .020	2.591	2.376	.015 - .030
2.467	1.593	.040 - .060	2.497	1.331	.005 - .010	2.500	.660	.105 - .135	2.500	2.271	.020 - .035	2.540	2.095	.030 - .050	2.594	2.368	.020 - .030
2.468	.381	.105 - .135	2.497	1.498	.040 - .060	2.500	.688	.105 - .125	2.500	2.313	.005 - .010	2.541	1.939	.025 - .040	2.595	1.580	.020 - .080
2.469	1.270	.010 - .020	2.497	1.506	.020 - .040	2.500	.751	.060 - .080	2.500	2.314	.020 - .030	2.542	1.897	.005 - .010	2.598	1.625	.080 - .100
2.469	2.123	.010 - .020	2.497	1.518	.030 - .050	2.500	.752	.010 - .020	2.500	2.343	.005 - .010	2.544	1.393	.005 - .010	2.598	2.392	.005 - .010
2.469	2.264	.005 - .010	2.497	1.680	.005 - .010	2.500	.756	.100 - .125	2.501	.253	.010 - .020	2.544	2.241				

BOKER'S METAL WASHERS ARE FLAT AND TUMBLE DEBURRED

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
2.603	1.250	.020 - .040	2.625	1.880	.050 - .070	2.676	1.003	.040 - .060	2.799	.755	.020 - .030	2.967	.786	.040 - .060	3.123	2.151	.015 - .025
2.603	1.932	.050 - .070	2.625	1.882	.010 - .020	2.677	2.362	.030 - .050	2.800	.628	.010 - .020	2.969	2.156	.010 - .025	3.123	2.153	.010 - .020
2.603	2.180	.020 - .031	2.625	1.926	.050 - .075	2.677	2.382	.060 - .080	2.800	1.867	.020 - .030	2.977	2.330	.020 - .040	3.125	.625	.050 - .070
2.604	1.559	.050 - .070	2.625	1.998	.050 - .070	2.677	2.440	.020 - .032	2.800	2.000	.010 - .020	2.980	2.450	.010 - .020	3.125	1.900	.048 - .062
2.605	1.685	.050 - .070	2.625	1.998	.105 - .125	2.684	2.178	.020 - .032	2.800	2.600	.010 - .030	2.986	2.230	.060 - .080	3.125	1.902	.040 - .060
2.605	1.810	.050 - .070	2.625	2.002	.005 - .010	2.685	.843	.020 - .040	2.810	.169	.015 - .025	2.992	2.323	.010 - .030	3.125	2.000	.020 - .040
2.607	2.015	.010 - .030	2.625	2.010	.020 - .030	2.685	.844	.030 - .050	2.810	2.375	.006 - .010	2.994	2.394	.010 - .020	3.130	.315	.105 - .125
2.607	2.063	.050 - .070	2.625	2.367	.040 - .060	2.685	2.177	.010 - .030	2.810	2.400	.010 - .020	2.995	.949	.010 - .015	3.138	1.566	.020 - .030
2.608	2.063	.025 - .040	2.626	.440	.005 - .010	2.687	1.635	.090 - .105	2.812	.192	.050 - .062	2.997	2.187	.010 - .020	3.138	1.578	.020 - .030
2.608	2.200	.035 - .050	2.626	.500	.104 - .115	2.692	.126	.005 - .010	2.815	1.969	.020 - .040	2.998	2.380	.050 - .060	3.140	1.446	.020 - .030
2.610	.513	.090 - .135	2.626	.895	.105 - .135	2.692	1.267	.005 - .010	2.816	2.200	.020 - .035	3.000			3.149	.722	.090 - .125
2.610	2.185	.020 - .040	2.626	1.516	.100 - .125	2.694	2.081	.080 - .093	2.816	2.406	.020 - .040				3.149	1.671	.020 - .050
2.610	2.262	.005 - .010	2.626	1.532	.006 - .015	2.700	.780	.040 - .060	2.819	2.565	.030 - .040				3.150	.630	.010 - .030
2.611	2.303	.030 - .050	2.626	1.562	.015 - .025	2.700	2.370	.020 - .040	2.825	2.440	.010 - .020				3.150	1.673	.040 - .060
2.612	2.300	.050 - .070	2.626	1.577	.030 - .050	2.700	2.540	.005 - .010	2.828	1.435	.030 - .040				3.150	2.835	.015 - .025
2.613	1.697	.025 - .040	2.626	1.658	.060 - .090	2.713	2.380	.020 - .035	2.829	1.192	.010 - .015	3.000	.250	.030 - .050	3.175	2.700	.010 - .020
2.615	.560	.100 - .125	2.626	1.745	.060 - .090	2.720	1.125	.020 - .040	2.829	2.270	.020 - .040	3.000	.253	.005 - .060	3.181	2.230	.040 - .050
2.615	1.684	.015 - .030	2.626	1.807	.025 - .040	2.725	2.010	.035 - .050	2.830	1.810	.020 - .040	3.000	.312	.040 - .060	3.185	1.023	.005 - .010
2.615	2.136	.010 - .020	2.626	1.825	.060 - .090	2.730	2.007	.020 - .035	2.830	2.263	.050 - .060	3.000	.343	.010 - .015	3.185	2.940	.020 - .030
2.615	2.140	.050 - .075	2.626	1.836	.060 - .080	2.730	2.060	.040 - .060	2.835	.267	.020 - .040	3.000	.375	.020 - .040	3.191	1.955	.040 - .060
2.615	2.354	.020 - .030	2.626	1.849	.005 - .010	2.734	2.323	.020 - .030	2.840	2.540	.010 - .020	3.000	.531	.090 - .105	3.195	1.260	.005 - .010
2.615	2.380	.015 - .030	2.626	1.871	.010 - .020	2.735	1.985	.030 - .040	2.843	.781	.010 - .015	3.000	.535	.040 - .060	3.195	1.355	.020 - .035
2.617	1.549	.050 - .075	2.626	1.933	.060 - .090	2.735	2.000	.050 - .060	2.843	2.538	.010 - .015	3.000	.560	.050 - .070	3.200	2.500	.010 - .075
2.618	1.760	.105 - .125	2.626	2.000	.015 - .050	2.736	2.253	.010 - .020	2.845	2.540	.005 - .040	3.000	.750	.090 - .105	3.220	3.024	.020 - .030
2.618	2.007	.015 - .030	2.626	2.062	.060 - .080	2.738	2.267	.030 - .050	2.850	2.370	.005 - .010	3.000	.890	.020 - .040	3.240	2.629	.010 - .030
2.619	1.754	.015 - .030	2.626	2.074	.060 - .080	2.739	2.403	.020 - .040	2.850	2.650	.020 - .040	3.000	.981	.015 - .030	3.244	1.425	.005 - .010
2.619	2.124	.015 - .025	2.627	.394	.010 - .020	2.740	1.501	.010 - .030	2.854	1.583	.010 - .020	3.000	1.020	.020 - .035	3.248	2.776	.010 - .015
2.620	.412	.010 - .020	2.627	.395	.005 - .010	2.740	2.200	.020 - .030	2.855	2.295	.015 - .025	3.000	1.218	.010 - .015	3.249	1.001	.005 - .010
2.620	.553	.005 - .010	2.627	.500	.135 - .187	2.740	2.250	.010 - .020	2.867	2.476	.015 - .025	3.000	1.748	.048 - .062	3.250	.190	.010 - .020
2.620	1.124	.005 - .008	2.627	1.266	.025 - .040	2.742	1.728	.030 - .040	2.869	1.765	.005 - .010	3.000	1.750	.050 - .070	3.250	.628	.010 - .020
2.620	1.255	.040 - .060	2.627	1.296	.060 - .075	2.743	2.520	.030 - .040	2.869	1.900	.030 - .050	3.000	2.000	.020 - .040	3.250	.750	.010 - .015
2.620	1.322	.005 - .010	2.627	1.317	.060 - .080	2.745	.888	.005 - .010	2.870	1.780	.048 - .062	3.000	2.125	.030 - .050	3.250	1.013	.005 - .010
2.620	2.381	.010 - .020	2.627	1.461	.060 - .075	2.745	2.345	.020 - .030	2.871	1.316	.020 - .030	3.000	2.255	.010 - .020	3.250	1.338	.005 - .010
2.622	.252	.120 - .134	2.627	1.561	.060 - .075	2.747	1.400	.025 - .040	2.872	1.700	.010 - .020	3.000	2.444	.020 - .040	3.250	2.375	.030 - .050
2.622	.341	.075 - .090	2.627	1.674	.105 - .125	2.749	1.376	.040 - .050	2.873	1.371	.005 - .010	3.000	2.500	.048 - .062	3.250	2.510	.020 - .030
2.622	1.067	.015 - .030	2.627	1.949	.025 - .040	2.749	2.497	.005 - .010	2.875	.755	.040 - .060	3.000	2.527	.040 - .060	3.250	2.563	.010 - .020
2.622	1.130	.050 - .075	2.627	2.263	.010 - .020				2.875	1.500	.005 - .030	3.000	2.550	.020 - .040	3.250	2.670	.010 - .030
2.622	1.637	.030 - .050	2.627	2.321	.040 - .060				2.875	2.255	.020 - .040	3.000	2.625	.010 - .030	3.259	2.694	.010 - .060
2.622	1.868	.040 - .060	2.628	.351	.005 - .010				2.875	2.275	.030 - .050	3.009	1.650	.048 - .062	3.263	2.558	.030 - .040
2.622	2.002	.015 - .030	2.628	.634	.080 - .100				2.880	2.020	.030 - .040	3.010	2.530	.030 - .040	3.265	2.465	.020 - .030
2.623	.514	.005 - .010	2.628	1.878	.040 - .060	2.750			2.880	2.263	.050 - .060	3.015	2.665	.008 - .015	3.290	2.280	.020 - .035
2.623	2.025	.075 - .090	2.628	1.881	.005 - .010				2.880	2.500	.015 - .030	3.029	2.184	.050 - .070	3.290	3.115	.020 - .035
2.623	2.372	.010 - .020	2.628	2.253	.050 - .070				2.880	2.528	.030 - .050	3.030	2.917	.010 - .020	3.300	.630	.015 - .030
2.623	2.376	.005 - .010	2.629	1.920	.050 - .070				2.883	2.000	.008 - .016	3.031	2.185	.030 - .040	3.300	2.270	.020 - .035
2.624	.124	.030 - .050	2.629	2.065	.005 - .010	2.750	.629	.010 - .020	2.885	2.177	.020 - .040	3.031	2.310	.050 - .060	3.306	2.505	.040 - .050
2.624	.750	.105 - .125	2.629	2.290	.005 - .010	2.750	.505	.010 - .020	2.885	2.475	.015 - .030	3.031	2.435	.050 - .060	3.312	2.375	.015 - .025
2.624	.754	.040 - .060	2.630	.254	.020 - .040	2.750	.563	.090 - .125	2.890	2.390	.005 - .010	3.032	2.913	.030 - .050	3.313	2.188	.010 - .020
2.624	1.533	.080 - .100	2.630	.411	.015 - .030	2.750	.628	.010 - .030	2.895	2.420	.020 - .030	3.037	.820	.020 - .035	3.313	2.753	.025 - .040
2.624	1.571	.110 - .130	2.630	1.419	.030 - .050	2.750	.629	.010 - .020	2.900	.630	.010 - .030	3.047	1.795	.040 - .050	3.325	3.145	.015 - .025
2.624	1.781	.030 - .050	2.630	1.610	.090 - .105	2.750	.760	.020 - .040									

O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To
3.482	2.703	.032 - .042	3.551	3.015	.020 - .030	3.858	2.765	.010 - .020	4.000	2.780	.040 - .060	4.358	.485	.048 - .062	4.975	3.165	.025 - .040
3.484	2.880	.035 - .048	3.557	2.782	.010 - .020	3.870	1.370	.020 - .032	4.000	3.000	.008 - .025	4.368	3.273	.020 - .035	4.994	4.904	.020 - .040
3.490	2.990	.010 - .030	3.570	.259	.030 - .050	3.874	1.642	.050 - .062	4.000	3.360	.010 - .030	4.370	3.670	.010 - .020			
3.491	2.000	.010 - .015	3.570	1.070	.040 - .060	3.875	1.150	.040 - .060	4.000	3.362	.010 - .020	4.373	3.776	.010 - .015			
3.494	.636	.090 - .125	3.570	1.090	.030 - .040	3.880	2.515	.030 - .050	4.000	3.410	.020 - .030	4.375	4.083	.030 - .040			
3.497	2.670	.060 - .080	3.572	3.134	.030 - .050	3.881	2.396	.050 - .060	4.000	3.426	.020 - .030	4.376	3.258	.025 - .040			
3.498	2.798	.030 - .040	3.572	3.135	.030 - .050	3.889	2.315	.020 - .030	4.000	3.544	.015 - .025	4.380	3.375	.006 - .012			
			3.575	1.020	.036 - .050	3.900	2.700	.050 - .060	4.015	3.572	.040 - .060	4.398	3.986	.015 - .030			
			3.586	3.275	.020 - .032	3.900	3.360	.020 - .040	4.025	3.060	.040 - .060	4.402	2.778	.010 - .020			
			3.590	3.375	.020 - .040	3.904	3.513	.030 - .040	4.026	3.309	.050 - .060	4.420	3.890	.020 - .030			
			3.609	2.250	.025 - .040	3.908	2.352	.020 - .040	4.055	1.299	.050 - .060	4.432	3.810	.020 - .035	5.000	.270	.040 - .060
			3.609	2.500	.025 - .040	3.924	.492	.030 - .050	4.055	3.750	.005 - .010	4.434	3.153	.010 - .015	5.000	1.562	.030 - .050
			3.620	.750	.040 - .060	3.925	2.224	.020 - .030	4.065	3.275	.020 - .030	4.435	.756	.050 - .070	5.125	4.393	.015 - .025
			3.625	2.030	.062 - .080	3.937	1.673	.010 - .020	4.095	3.858	.010 - .020	4.470	3.470	.020 - .030	5.140	2.860	.006 - .012
			3.625	2.562	.020 - .040	3.937	2.008	.015 - .025	4.096	3.267	.010 - .020	4.471	3.468	.020 - .030			
			3.625	3.032	.010 - .020	3.937	2.362	.020 - .032	4.120	2.549	.020 - .030	4.480	4.030	.025 - .035			
			3.625	3.196	.020 - .030	3.937	3.150	.005 - .010	4.120	3.150	.035 - .050	4.490	4.223	.030 - .050			
			3.640	2.072	.020 - .040	3.940	3.150	.050 - .060	4.125	1.781	.040 - .050	4.499	2.058	.010 - .020			
			3.647	2.346	.015 - .036	3.945	3.505	.020 - .040	4.125	3.430	.020 - .030	4.500	.504	.040 - .060			
			3.661	2.992	.010 - .030	3.960	3.612	.030 - .050	4.125	3.750	.020 - .040	4.500	2.500	.048 - .062			
			3.663	2.427	.040 - .060	3.987	1.891	.010 - .015	4.127	3.214	.048 - .062	4.550	.243	.040 - .060			
			3.700	2.899	.040 - .060	3.995	1.509	.005 - .010	4.130	.660	.020 - .030	4.570	3.870	.020 - .030			
			3.700	2.960	.020 - .040	3.997	1.381	.005 - .010	4.150	3.576	.020 - .030	4.623	4.328	.010 - .015			
			3.733	3.332	.020 - .035	3.998	2.998	.010 - .020	4.195	2.136	.010 - .020	4.666	3.410	.030 - .042			
			3.735	3.300	.010 - .020				4.200	3.505	.020 - .032	4.688	3.560	.005 - .010			
			3.740	2.953	.040 - .054				4.218	1.618	.020 - .040	4.688	3.879	.005 - .010			
			3.750	.656	.090 - .105				4.224	1.520	.020 - .032	4.700	3.865	.010 - .020			
			3.750	.875	.020 - .035				4.224	2.020	.020 - .040	4.706	3.140	.020 - .030			
			3.750	3.015	.005 - .010				4.240	2.525	.020 - .032	4.710	3.873	.010 - .020			
			3.750	3.250	.035 - .045				4.250	.780	.010 - .020	4.720	3.884	.020 - .035			
			3.761	1.870	.030 - .050	4.000	.504	.040 - .060	4.250	.801	.020 - .030	4.730	4.083	.030 - .050			
			3.780	3.049	.020 - .040	4.000	.690	.040 - .060	4.250	3.550	.050 - .060	4.850	4.450	.005 - .010			
			3.781	1.435	.030 - .050	4.000	1.010	.050 - .070	4.250	3.570	.020 - .030	4.860	.390	.090 - .125			
			3.800	3.300	.020 - .035	4.000	2.000	.008 - .015	4.250	3.660	.015 - .025	4.860	4.350	.020 - .036			
			3.800	3.350	.020 - .040	4.000	2.031	.040 - .060	4.254	3.018	.040 - .050	4.860	4.600	.015 - .030			
			3.819	3.415	.040 - .060	4.000	2.281	.008 - .015	4.270	3.935	.020 - .040	4.875	3.018	.020 - .030			
			3.823	3.332	.030 - .040	4.000	2.530	.030 - .050	4.300	3.200	.020 - .040	4.935	4.763	.015 - .025			
			3.850	1.780	.020 - .040	4.000	2.562	.048 - .062	4.308	2.746	.020 - .040	4.950	4.393	.010 - .020			
			3.850	2.805	.005 - .010	4.000	2.577	.020 - .040	4.320	2.385	.020 - .040	4.960	4.260	.020 - .030			

3.500

3.500	.135	.015 - .025
3.500	.504	.040 - .060
3.500	2.000	.040 - .060
3.500	2.030	.040 - .050
3.500	2.250	.020 - .035
3.500	2.500	.010 - .020
3.500	2.500	.030 - .050
3.500	2.750	.005 - .010
3.500	3.060	.010 - .015
3.500	3.125	.020 - .030
3.500	3.158	.020 - .030
3.500	3.250	.010 - .020
3.503	2.702	.040 - .060
3.510	2.510	.020 - .040
3.511	3.207	.040 - .050
3.515	3.050	.050 - .060
3.520	2.750	.020 - .030
3.537	2.186	.020 - .040
3.537	2.280	.030 - .050
3.540	2.890	.015 - .030
3.543	3.150	.015 - .025
3.545	2.756	.040 - .054
3.550	.628	.020 - .030
3.550	2.975	.020 - .030

4.000

4.000	.504	.040 - .060
4.000	.690	.040 - .060
4.000	1.010	.050 - .070
4.000	2.000	.008 - .015
4.000	2.031	.040 - .060
4.000	2.281	.008 - .015
4.000	2.530	.030 - .050
4.000	2.562	.048 - .062
4.000	2.577	.020 - .040

5.000

5.000	.270	.040 - .060
5.000	1.562	.030 - .050
5.125	4.393	.015 - .025
5.140	2.860	.006 - .012

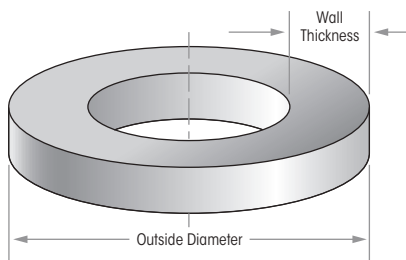
For outside diameters up to 12" contact BOKER'S at (800) 927-4377

NEW TOOLS CONTINUALLY ADDED!

For the most up-to-date list of washer sizes, please visit bokers.com

Washer Wall Thickness

Acceptable limits for minimal wall thickness on flat washers can be determined by reviewing the table below. There can be exceptions but you should always check with a Boker's Sales Associate for more information.



WALL THICKNESS TABLE

O.D. RANGE		MINIMUM WALL THICKNESS	
Inches	Millimeters	Inches	Millimeters
.1875 - .375	4.76 - 9.5	.0625	1.6
.375 - 1	9.5 - 25	.09375	2.4
1 - 2	25 - 51	.125	3.2
2 - 3	51 - 76	.1875	4.76
3 - 5	76 - 127	.25	6.35
For:		Minimum Wall:	
Low carbon steel—annealed 1050 high carbon steel—annealed Copper alloys—all tempers Aluminum alloys—all tempers		Two times material thickness but not less than above chart	
Stainless steel annealed blue steel* Pre-tempered high carbon steel*		Three times material thickness but not less than above chart	

*Note: Contact your Boker's Sales Associate for exceptions. Special tooling or setup procedures sometimes permit a narrower wall thickness. There is a limit of up to .020" maximum thickness of blue steel and pre-tempered high carbon steel.

Edge Conditions

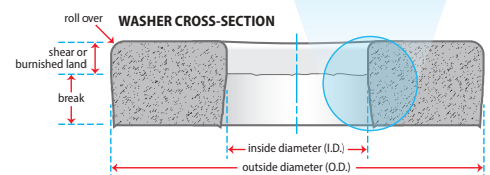
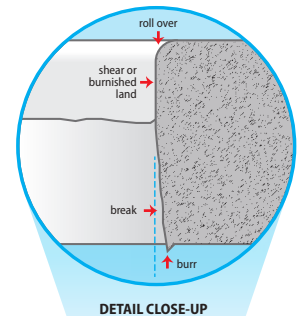
Burrs are a normal by-product of the metal stamping blank and piercing process. They can have ragged, sharp and uneven edges.

Feature Size: This is to be measured only in cut portion of the hole and cut portion of the outside diameter.

Shear or Burnished Land: This is a burnished area which is approximately one third of the material thickness.

Break: This is an area which is tapered about three degrees. This area has a rougher surface than the shear area.

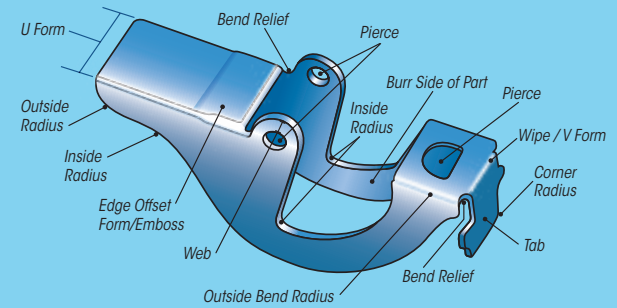
Roll Over: This area is a natural consequence of the punching process and the mechanical properties of the material being punched and the die application techniques employed.



MATERIAL THICKNESS	When deburring is NOT specified	When deburring is specified, such as "Must be burr free"
.010" or less	.001"	.0005"
.011" - .039"	.002"	.001"
.040" - .079"	.003"	.002"
.080" - .125"	.004"	.003"
.126" or more	.006"	.004"

Boker's maximum burr on metallic washers and stampings

Designer's Guide to Precision Metal Stampings

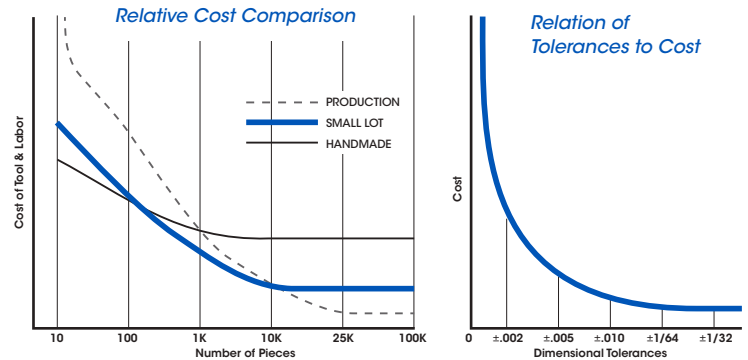
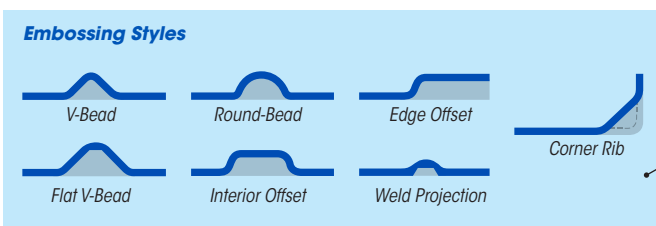
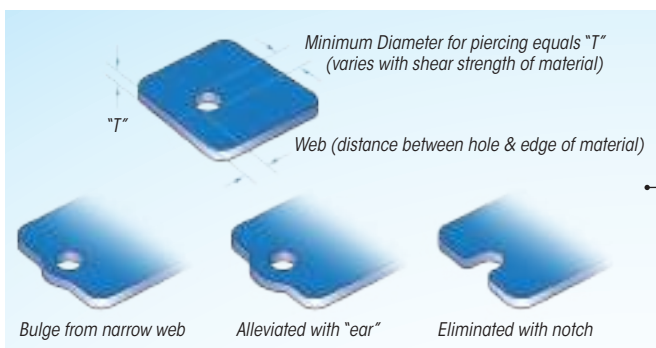
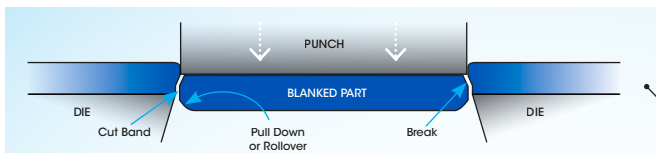


INTRODUCTION

Boker's has been a metal stamping leader for over 100 years. The following is excerpted from a longer white paper authored by Boker's regarding short-run stamped components and considerations for design engineers regarding these crucial pieces.

The basics of metal stampings.

Precision metal stampings are produced by converting flat metal sheet or coil into engineered component parts for manufacturers. Parts can be flat and simple or complex profiles. Stampings are produced using a variety of punch presses that brings to bear ten to hundreds-of-tons of stamping pressure onto the sheet or coil. In their most basic operation, punch presses use a corresponding die and punch tool for flat blanking—a flat metal cutout of the exact periphery shape and size of the part. Additional metal forming stages are often employed to produce complex parts and profiles including piercing, and metal forming operations such as bending, drawing, flanging, embossing, rolling, and others.



What are the advantages of short-run custom stampings?

Compared to permanent production tooling, short-run stamping offers high quality and durability plus considerable manufacturing advantages—primarily in cost and time. Significantly lower initial tooling costs versus permanent tooling offers savings that gives manufacturers greater design and component inventory flexibility. Small quantity needs, customization, pilot runs, testing, frequently-changing designs, functional prototypes and limited production runs are all opportunities for short-run stampings that would be less feasible with expensive permanent tooling.

STAMPING OPERATIONS

Flat Blanking

Flat blanking is the process of stamping out the perimeter of a product from sheet or coil material to produce more complex metal blanks. Blanking can also be performed with flat non-metallic sheet or coil material.

Metal Piercing

Piercing metal is a shearing process used to produce holes, slots and/or notches with tight tolerances within a component part or raw material. The punched side of pierced metal produces a clean cut with high output rates often making it a more productive method than drilling, machining, or using a laser. Boker's utilizes a CAD drawing system, over 70 different punch presses, digital servo feeders and compound as well as progressive dies to transform raw material into your most complex components.

Metal Forming

Metal forming is the process of converting a flat piece of metal into a three-dimensional part. Metal forming can be done in a variety of ways including bending, drawing, embossing, rolling etc.

Selecting the Optimal Washer



Flat: Most common washer category generally used for load disbursement. Internal and external shape may be round, symmetrically square, hexagonal or rectangular.



Tab: A type of lock washer designed with one or more tabs or notches to effectively lock a part into place, generally used where heat or heavy vibrations are a factor.



Lock: Designed to secure fasteners that have a tendency to rotate or lose friction. Often paired with a flat washer to evenly disburse load without deforming the assembly.



Cylindrically Curved: They offer the most uniform spring constant of any of the spring washer types.



Finishing: Also referred to as "countersunk" washers, finishing washers are often found on consumer products and used as an appearance part where the washer catches the head of a fastener, allowing it to sit flush with its surrounding surface.



Shoulder: Shoulder washers, also known as "step" or "flange" washers, have an appearance of a low-crowned top hat and an integral cylindrical sleeve. The sleeve is designed to mate with a cutout and segregates the fastener from the material it is secured to.



Wave: These washers are ideal for obtaining loads when the load is static or the working range is small and the amount of axial space is limited.



Belleville: Deliver the highest load capacity of all the spring washers and are very common in thermal expansion applications.



Fender: Fender washers have an outside diameter that is much larger in proportion to the center hole to distribute a load evenly across a large surface area.



Shim Stacks: Ideal for simple and complex applications as they offer exact dimensions for precise spacing.



Estimated Non-Metallic I.D. Shrinkage Factor

MATERIAL	FACTOR %	MATERIAL	FACTOR %
Polycarbonate	10-12	Polypropylene	5-10
Nylon	10	PTFE	5
Polyethylene	10	Polyester	5
Acetal	10	Linen Phenolic	5
PVC	10	Vulcanized Fiber	0-5
A.B.S.	10	FR-4	0-5
MD Nylon	10	G-10	0-5

Non-Metallic Washers and Spacers

The thickness ranges stated in this catalog are minimum and maximum values for metallic washers and spacers but may be suitable for non-metallic parts as well.

When determining the proper sized tool for your washer or spacer, the outside diameter (O.D.) listed in the catalog typically remains the same for both the metallic and non-metallic part. The inside diameter (I.D.), however, may shrink by as much as twelve percent of the material thickness depending on the material used and its thickness. Rely on Boker's experienced Sales Associates to determine the proper tool to manufacture the size part you specify.



Equipment & Capabilities

Housed in over 165,000 square feet, Boker's manufactures domestically at our single site manufacturing plant. All equipment, listed below, as well as all tooling are protected by a central station security and fire system.

Tool & Die Department

- CAD CAM Drawing & Programming Systems
- Kitamura Vertical Machine Center
- Mori Seiki Vertical Machine Center (20" x 40")
- (2) Mori Seiki High Precision C.N.C. Lathes
- (4) Fanuc Wire E.D.M.
- Okamoto Precision Grinder
- Mitsui Precision Grinder
- (2) Clausing Surface Grinders
- CNC E.D.M. Drill
- Hardinge Toolroom Lathe
- (2) Manual Lathes
- (3) Bridgeport Mills
- Trinco Sandblaster
- Torit Dust Collection



Washer Department

- (20) Punch Presses (10 to 75 tons)
- Digital Servo Feeders
- Electric Coil Reels (1,200 lb. capacity)
- Coil Straighteners
- Tonnage Monitors

Stamping Department

- (46) Punch Presses (10 to 180 tons)
- Aida Servo Press
- (2) High Speed Minster Progressive Die Presses (60 to 150 tons)
- Digital Servo Feeders
- Electric Coil Reels (6,000 lb. capacity)
- 48" Press Brake
- Optical Part Detection Systems
- Press Control Automation
- Tonnage Monitors
- (2) Material Handling Conveyors

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Heat Treating Department

- Electric High Temperature Hardening Furnaces
- Electric Tempering Furnaces (all furnaces calibrated)

Raw Stock & Shear Department

- (3) 10' Shears (.20" thick maximum)
- Stanat Model Rolling Mill
- IRM Rolling Mill
- Cooper Weymouth Roller Levelers
- Coil Set Straightener
- Wilder Coil Slitter
- Computer Inventory & Control System
- (2) Material Slitting Machines

Secondary Operations Department

- Trimming Lathes
- Production Milling Machines
- Pneumatic Presses
- Tapping Machines
- 6 Spindle Machine Centers (multiple head drilling, tapping, and reaming)
- 4 Straight-liners up to 18"
- Parts Washing System



Shipping Department

- Toledo Electronic Scales & Printer
- Precision Electronic Scales & Printers
- Automated Protective Packaging Bagger
- Polychem Automatic Plastic Strapping System
- Hercules Ergo Container Handling System
- Wulftec Pallet Wrapper

Cleaning & Deburring Department

- Agitated Chemical Washing System
- Rotary Deburring Machines
- Vibratory Deburring Machines
- Centrifugal Tumblers
- Heated Centrifugal Dryers
- Lewis Ultrasonic Cleaner
- High Energy Deburring Machines
- Mass Finishing Machines
- Custom Parts Dryer
- Custom Automated Multi-Station Deburring System
- Custom Multi-Station Vibratory Deburring Machine
- Peeling Centrifuge - Water Recycler



Inspection Department

- Numerex Coordinate Measuring Machine
- Digital Optical Comparator
- Digital Buehler Hardness Tester
- Digital Profilometer
- Ceramic Gauge Block Sets
- Plug Gauge Sets
- Height Gauges
- Thread Gauges
- Statistical Process & Capability Studies Available
- Climate-controlled & Monitored
- Keyence Vision System

Material Capabilities

- Material Thickness: .005" to .190" (varies by material)
- Blank Size: 12" x 12" maximum (flat)
- Draws: 8" diameter, 3" deep

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