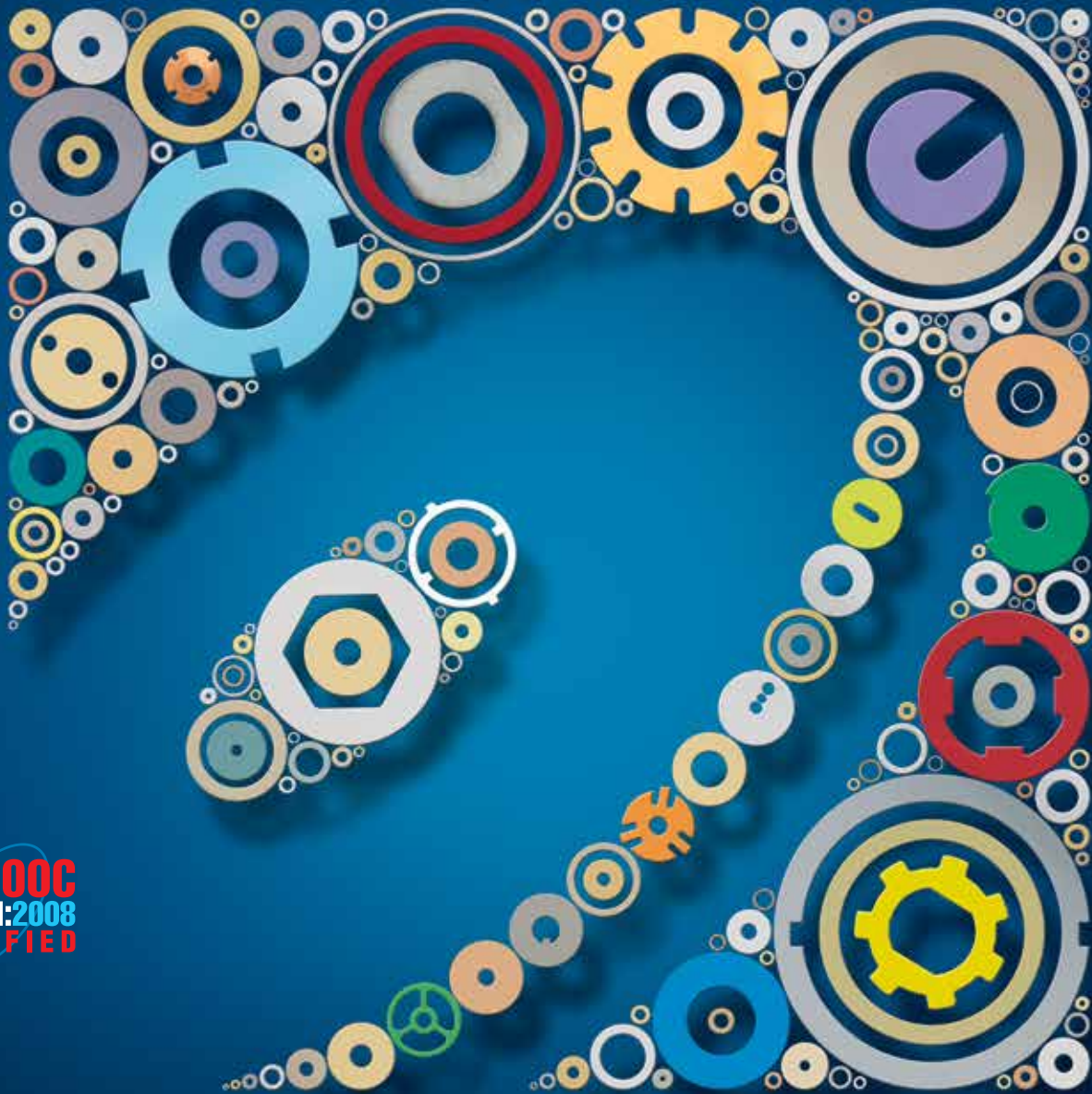


THOUSANDS OF SIZES • 2,000 MATERIALS • ENDLESS POSSIBILITIES • FAST DELIVERY

WASHERS

METRIC EDITION



AS9100C
ISO9001:2008
CERTIFIED



BOKER'S, INC.

WASHERS, SPACERS & SHIMS

SINCE 1919

bokers.com is Your Complete Resource for Made-to-Order Washers, Spacers and Shims

SEARCH
SIZES ONLINE



This complete catalog of washers and spacers is also available by accessing our website at bokers.com. This valuable resource makes finding the right size washer or spacer faster and easier than ever. You simply key in the desired size range by OD or ID and you get an immediate display of all available sizes in inch or millimeter measurements. There's nothing easier! Visit our website today!

Choose from a wide variety of sizes and materials with no tooling charges when you order non-standard flat washers and spacers from Boker's Catalog. With outside diameters of 2 mm to 130 mm and a wide variety of inside diameters and thicknesses as well as material variations, you have endless possibilities. In the 12 mm to 13 mm OD range alone, there are over 800 options available.

Special Shapes and Sizes

As the photo shows, Boker's can make special washer shapes and sizes, up to 305 mm in outside diameter. These custom items are made with very low tooling costs. They can be easily quoted by mailing, faxing or emailing us your print. Tell us what you need, and we'll make it to your exact specifications.



Inches No Problem!

All Boker's washer sizes can be easily converted metric to inches. Send us your prints or call us with the size in inches you need and we'll produce the size washer or spacer you require.

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. In case of an urgent requirement, your order can also be expedited for even faster delivery.



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

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 including 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 several non-metallic materials such as acetal, PTFE, polyester, nylon, fiber, polyethylene, and NEMA grade laminates. Plus varieties of wrought cobalt, iron and nickel-base superalloys for demanding, high-performance applications. Certificates of Compliance or chemical/physical analysis are available upon request. Whatever your needs, if it can be stamped, Boker's can turn it into your washer or spacer.



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 pieces as well. For easy reference, tools listed in **BOLD TYPE** can be considered for non-metallic items from .127 mm to 3.175 mm thick.



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 ten percent of the material thickness depending on the material used and its thickness.

Boker's estimates of these shrinkage factors are as follows:

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

For assistance in determining the actual tool to be used, please contact one of our estimators at +1-612-7299365.

Secondary Operations

Boker's provides the secondary operations you require including deburring, tapping, counterboring, reaming, and spotfacing to name a few. Boker's also has approved vendors for heat treating, grinding and plating. See page 60 for a full list of equipment and capabilities.



Precision Fabrication

It's important for you to know that the washers and spacers you get from Boker's are going to 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 with tolerances as close as the specifications demand, and sometimes even closer. Metallic washers and spacers are flat, tumble deburred, and can be heat treated or plated. As a final check, your parts are sent to the inspection department before your order is shipped.



AS9100C/ISO 9001:2008 Certified

Boker's takes their manufacturing practices very seriously and maintains AS9100C/ISO 9001:2008 certified status. This means when you purchase your products from Boker's you will have the confidence our processes are efficient and effective.



Quality Assurance and Certification

- ✓ C of C
- ✓ PPAP
- ✓ DFARS
- ✓ RoHS
- ✓ S.P.C.
- ✓ F.A.I.
- ✓ AS9102
- ✓ Dock-To-Stock
- ✓ REACH
- ✓ ITAR

Boker's Environmental Compliance Statement

Boker's, Inc. is committed to responsible business practices that portray our dedication to our employees, customers and country. Boker's sources conflict-free material and services, in addition to materials that do not contain regulated or hazardous substances, from validated suppliers. These include, but are not limited to, tin, tantalum, tungsten and gold. It is important that our suppliers adhere to the laws put in place to ensure our values and commitments are reflected in our customer offering.

Selecting the Optimal Washer

Though this catalog's primary focus is to provide you with thousands of non-standard, round flat washer sizes that are available without tool charges, there are many specific applications that demand a more specialized washer type. Following is an overview of just some of the many washer styles Boker's produces, and what they are optimally designed for. To review Boker's complete Optimal Washer Solution guide, visit bokers.com/washerguide.

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.

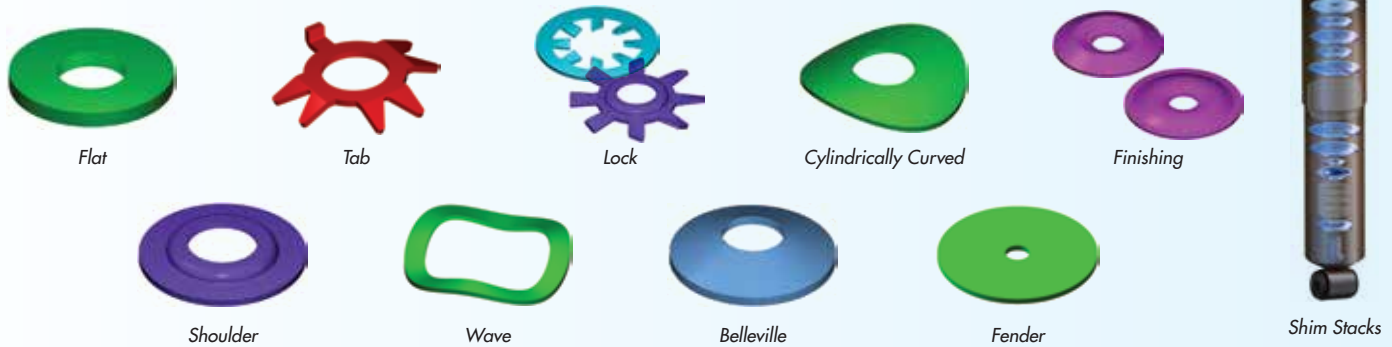
Wave: These washers are ideal for obtaining loads when the load is static or the working range is small and the amount of axial space is limited.

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.

Visit bokers.com/washerguide for more information.



Edge Conditions for Stampings and Washers

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

For more information, please contact one of our estimators for assistance at [+1-612-7299365](tel:+16127299365).

MATERIAL THICKNESS	WHEN DEBURRING IS NOT SPECIFIED	WHEN DEBURRING IS SPECIFIED SUCH AS "MUST BE BURR FREE"
.254 mm or less	.025 mm	.013 mm
.279 – .991 mm	.051 mm	.025 mm
1.016 – 2.007 mm	.076 mm	.051 mm
2.032 – 3.175 mm	.102 mm	.076 mm
3.200 mm or more	.152 mm	.102 mm

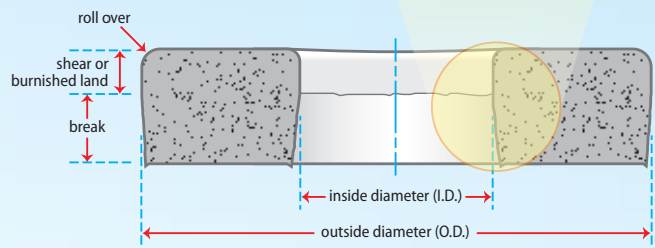
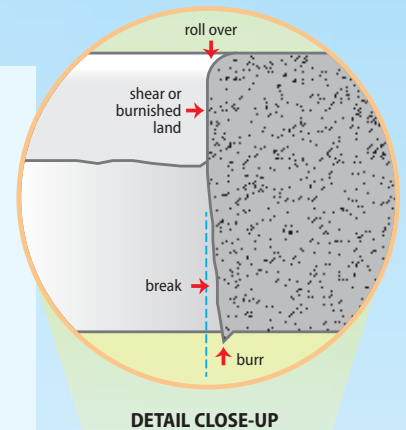
Boker's maximum burr on metallic washers and stampings

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.



WASHER CROSS-SECTION

NEW! Boker's 3D Printing Prototyping Services



Boker's now offers additive manufacturing (3D printing) to provide customers with 3D prototypes. With our Stratasys 3D Printer, you'll be able to see how your product will turn out in advance. No more guess work or uncertainty. Only precision. This service allows customers to test parts for form, fit and function prior to production of the actual stamped part. Make sure to take advantage of our capabilities next time you work with us.

The Widest Range of Disks Available



All of Boker's flat washer sizes are available without the I.D. hole. Disks, commonly referred to as discs, circles, plates and/or slugs, are typically round washers with or without a center hole. Functional uses of disks include providing a precise space between components or materials as well as load disbursement.

Boker's disks are offered with outside diameters ranging from .76 to 305 mm and with material thickness options ranging from .13 to 3.404 mm. Boker's produces disks in more than 2,000 commonly specified and difficult-to-find materials.

100 YEARS

Approaching 100 Years of Dependability and Service

Boker's, Inc. has been a privately held, owner operated company dedicated to providing quality washers and stampings since 1919. Over the years Boker's has built a broad customer base spanning the globe. Our diversity in a variety of industries adds to our strength. We will continue to work hard to meet or exceed our customer's expectations, providing quality products on time. You can rest assured that we are here now and will be in the future.

STAY IN THE LOOP WITH BOKER'S BULLETIN



Your FREE online source for the latest stamping news and offerings from Boker's. This electronic newsletter is sent out on a quarterly basis and contains industry news as well as other metal forming industry information. Subscribe today by going to bokersbulletin.com

Your Source for Quality Stampings Too!

When your needs go beyond washers and spacers, Boker's is there to help you with full stamping capabilities. With years of experience in the stamping business, Boker's has developed the expertise necessary to produce the more complicated stampings with the same precision that goes into every one of your washers and spacers.

Boker's has specialized in producing high-quality metal stampings for over nine decades. Our precision manufacturing covers a complete range of sizes up to 305 x 305 mm (flat) with thicknesses from .127 mm to 3.4 mm and draws of up to 76 mm deep and 203 mm in diameter.

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.

Our process begins with our in-house tool department, where wire EDM-produced tooling provides the dimensional tolerances you require. Complete Statistical Process Control (S.P.C.) is available upon request to further assure accuracy throughout the manufacturing process. Our "Dock-to-Stock" capability saves you inspection time and is another example of our commitment to customer service. Boker's World Class Manufacturing also means we can meet your delivery requirements with flexible Just-In-Time (J.I.T.) programs.



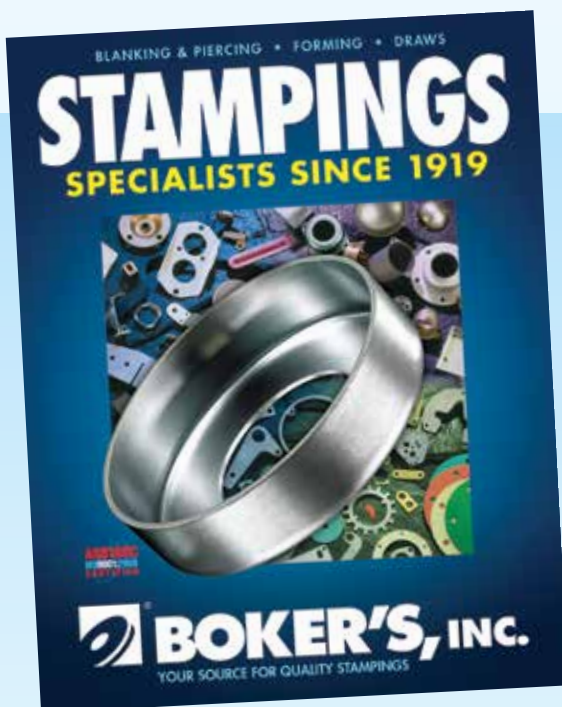
Draws up to 76 mm deep and 203 mm in diameter



Complex metal forming from .127 mm to 3.4 mm thick



Flat blanking and piercings up to 305 mm by 305 mm



Stampings Brochure

Our new Boker's Stampings Brochure offers eight pages of useful metal forming, flat blanking, piercing and draw capabilities information to help you make the most of our products. Inside, you'll find a useful gauge decimal equivalent chart, base elements index, and a comprehensive glossary of stamping terms that will help broaden your understanding of stampings. Contact your Boker's representative for a copy today.

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 metal washers within the tool range indicated. For easy reference, tools in **BOLD TYPE** can be considered for non-metallic items from .127 mm to 3.175 mm thick. 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
2.032	1.245	.127 - .254	2.769	1.702	.203 - .457	3.150	1.854	.127 - .254	3.505	1.245	.254 - .508	3.810	1.956	.254 - .508	3.988	2.184	.127 - .254
2.057	.838	.127 - .254	2.794	.813	.254 - .381	3.175	1.245	.127 - .254	3.505	1.778	.127 - .254	3.810	2.210	.254 - .381	3.988	2.235	.127 - .254
2.134	1.092	.127 - .254	2.794	1.372	.127 - .254	3.175	1.321	.127 - .305	3.505	1.854	.127 - .254	3.810	2.235	.127 - .254	3.988	2.311	.254 - .508
2.134	1.219	.305 - .508	2.794	1.397	.254 - .508	3.175	1.372	.381 - .635	3.505	1.905	.381 - .762	3.810	2.261	.381 - .635	3.988	2.337	.254 - .508
2.134	1.651	.127 - .254	2.794	1.854	.127 - .254	3.175	1.397	.508 - .762	3.505	2.235	.127 - .254	3.810	2.286	.381 - .762	3.988	2.388	.508 - .762
2.159	1.016	.127 - .254	2.819	1.549	.254 - .508	3.175	1.524	.381 - .762	3.505	2.591	.127 - .254	3.810	2.311	.127 - .305	3.988	2.438	.127 - .762
2.159	1.219	.254 - .381	2.819	1.702	.381 - .635	3.175	1.575	.254 - .508	3.531	1.194	.127 - .254	3.810	2.515	.508 - .635	3.988	3.048	.127 - .254
2.184	.686	.254 - .508	2.845	.991	.127 - .254	3.175	1.600	.127 - .508	3.531	1.346	.127 - .305	3.810	2.946	.406 - .508	3.988	3.226	.127 - .254
2.184	.914	.127 - .203	2.845	1.118	.305 - .508	3.175	1.626	.254 - .508	3.531	1.422	.254 - .508	3.835	1.422	.381 - .635	4.013	1.016	.254 - .508
2.184	1.143	.127 - .254	2.845	1.499	.381 - .635	3.175	1.651	.127 - .762	3.531	1.448	.127 - .305	3.835	1.753	.127 - .254	4.013	1.168	.305 - .635
2.184	1.219	.254 - .381	2.845	1.549	.127 - .254	3.175	1.676	.127 - .762	3.531	1.600	.127 - .254	3.835	1.854	.127 - .254	4.013	1.270	.508 - .889
2.210	1.092	.381 - .762	2.845	1.575	.381 - .635	3.175	1.702	.381 - .635	3.531	1.676	.381 - .762	3.835	1.956	.381 - .508	4.013	1.448	.254 - .508
2.235	1.676	.127 - .381	2.845	1.702	.381 - .635	3.175	1.727	.254 - .813	3.531	2.413	.254 - .508	3.835	1.981	.254 - .508	4.013	1.524	.508 - .762
2.261	1.118	.127 - .254	2.845	1.854	.127 - .254	3.175	1.753	.127 - .254	3.531	2.464	.127 - .254	3.835	2.108	.635 - .762	4.013	2.261	.508 - .813
2.261	1.651	.127 - .381	2.870	1.321	.127 - .254	3.175	1.829	.305 - .508	3.556	1.575	.127 - .254	3.861	2.388	.508 - .635	4.013	2.388	.635 - .889
2.286	.762	.254 - .381	2.870	1.880	.127 - .254	3.175	1.930	.508 - .635	3.556	1.854	.127 - .254	3.861	2.413	.381 - .635	4.013	2.413	.127 - .254
2.286	1.270	.254 - .381	2.896	1.118	.127 - .254	3.175	1.981	.127 - .254	3.556	2.083	.127 - .813	3.861	2.489	.127 - .254	4.013	2.489	.127 - .381
2.286	1.372	.254 - .381	2.896	1.676	.127 - .254	3.200	1.067	.203 - .813	3.556	2.286	.127 - .254	3.861	2.540	.127 - .254	4.013	2.540	.381 - .508
2.286	1.626	.203 - .305	2.896	1.854	.127 - .254	3.200	1.270	.127 - .305	3.556	2.413	.127 - .254	3.886	1.422	.254 - .508	4.013	2.565	.127 - .254
2.311	.787	.127 - .254	2.921	.787	.254 - .508	3.200	1.321	.203 - .635	3.556	2.769	.254 - .381	3.886	1.549	.127 - .254	4.013	3.023	.381 - .635
2.311	1.651	.127 - .254	2.921	.838	.127 - .254	3.200	1.448	.635 - .813	3.581	1.549	.127 - .254	3.886	1.575	.127 - .254	4.039	1.956	.127 - .254
2.337	.686	.254 - .381	2.921	1.549	.127 - .254	3.200	1.575	.203 - .508	3.581	1.651	.381 - .635	3.886	1.854	.381 - .635	4.039	2.057	.127 - .254
2.337	1.041	.203 - .305	2.921	2.007	.127 - .381	3.200	1.626	.127 - .254	3.581	1.702	.254 - .406	3.886	1.956	.635 - .889	4.039	2.413	.127 - .254
2.337	1.092	.254 - .508	2.946	.940	.127 - .254	3.200	1.651	.127 - .381	3.581	1.930	.127 - .254	3.886	1.981	.127 - .381	4.039	2.540	.254 - .635
2.337	1.118	.127 - .254	2.946	1.397	.254 - .508	3.200	1.727	.127 - .254	3.581	2.007	.381 - .635	3.886	2.057	.508 - .889	4.039	2.794	.127 - .305
2.337	1.194	.127 - .254	2.946	1.676	.381 - .635	3.200	1.854	.127 - .254	3.581	2.337	.381 - .635	3.886	2.413	.508 - .762	4.064	1.524	.127 - .381
2.337	1.524	.127 - .254	2.946	1.702	.127 - .254	3.200	2.413	.127 - .381	3.607	.965	.381 - .762	3.886	2.540	.254 - .635	4.064	2.235	.254 - .508
2.362	.914	.254 - .508	2.946	1.854	.127 - .254	3.200	2.438	.127 - .254	3.607	1.854	.127 - .254	3.912	1.854	.508 - 1.02	4.064	2.286	.127 - .254
2.362	1.245	.254 - .508	2.972	.813	.127 - .254	3.226	.991	.508 - .813	3.607	1.930	.127 - .254	3.912	2.413	.127 - .254	4.064	2.413	.635 - 1.02
2.362	1.295	.127 - .508	2.972	.889	.127 - .305	3.226	1.067	.254 - .508	3.607	1.981	.127 - .254	3.912	2.565	.127 - .254	4.089	1.600	.381 - .762
2.388	1.575	.254 - .381	2.972	1.422	.254 - .381	3.226	1.194	.381 - .762	3.607	2.108	.127 - .254	3.912	2.794	.508 - .762	4.089	1.753	.254 - .508
2.413	.610	.254 - .381	2.997	1.473	.254 - .508	3.226	1.651	.305 - .508	3.607	2.261	.508 - .762	3.937	1.626	.381 - .762	4.089	1.930	.381 - .762
2.413	1.092	.127 - .254	2.997	1.854	.127 - .508	3.226	1.702	.254 - .508	3.607	2.489	.254 - .381	3.937	1.676	.127 - .254	4.115	1.549	.127 - .508
2.413	1.245	.127 - .254	2.997	1.905	.127 - .381	3.226	1.956	.381 - .635	3.632	1.321	.127 - .254	3.937	1.753	.127 - .381	4.115	1.956	.305 - .508
2.413	1.321	.127 - .254	2.997	2.032	.127 - .305	3.226	2.108	.381 - .762	3.632	2.108	.381 - .635	3.937	1.829	.508 - 1.02	4.115	2.184	.508 - .813
2.413	1.422	.381 - .508	2.997	2.311	.127 - .254	3.226	2.362	.254 - .381	3.632	2.413	.254 - .508	3.937	1.930	.254 - .508	4.115	2.464	.254 - .508
2.464	1.524	.127 - .254	3.048	.991	.254 - .508	3.226	2.388	.203 - .381	3.632	2.464	.127 - .381	3.937	1.981	.203 - .305	4.115	2.845	.127 - .254
2.464	1.880	.127 - .254	3.048	1.016	.254 - .508	3.251	1.422	.381 - .635	3.658	1.651	.127 - .254	3.937	2.057	.127 - .254	4.140	2.083	.381 - .762
2.489	1.016	.127 - .254	3.048	1.041	.127 - .254	3.251	1.854	.127 - .254	3.658	1.854	.127 - .254	3.937	2.134	.127 - .254	4.140	2.794	.381 - .508
2.489	1.626	.254 - .508	3.048	1.270	.127 - .254	3.251	1.930	.381 - .762	3.658	1.930	.254 - .508	3.937	2.388	.381 - .635	4.140	3.251	.127 - .254
2.489	1.651	.127 - .254	3.048	1.575	.254 - .508	3.251	2.261	.127 - .254	3.683	1.422	.127 - .254	3.937	2.819	.127 - .254	4.140	3.277	.127 - .254
2.515	1.270	.127 - .254	3.048	1.600	.381 - .762	3.251	2.616	.127 - .254	3.683	1.727	.127 - .305	3.937	3.150	.254 - .508	4.166	2.057	.254 - .508
2.540	.660	.254 - .381	3.048	1.651	.127 - .254	3.277	2.108	.254 - .508	3.683	2.286	.127 - .254	3.962	1.118	.381 - .889	4.166	2.210	.127 - .254
2.540	.889	.127 - .254	3.048	1.778	.381 - .762	3.302	1.549	.254 - .508	3.683	2.464	.127 - .254	3.962	1.245	.127 - .381	4.166	2.540	.127 - .305
2.540	1.016	.127 - .254	3.048	1.854	.127 - .254	3.302	1.600	.508 - .762	3.683	2.946	.127 - .254	3.962	1.321	.254 - .813	4.166	2.896	.254 - .508
2.540	1.397	.508 - .762	3.048	2.032	.254 - .406	3.302	1.854	.127 - .254	3.708	1.168	.254 - .508	3.962	1.346	.127 - .305	4.191	1.016	.127 - .254
2.540	1.575	.127 - .254	3.073	1.092	.127 - .305	3.327	1.499	.127 - .305	3.708	1.651	.127 - .254	3.962	1.575	.508 - 1.02	4.191	1.295	.254 - .381
2.540	1.651	.127 - .508	3.073	1.194	.127 - .254	3.353	1.854	.127 - .254	3.708	1.854	.127 - .254	3.962	1.626	.406 - .635	4.191		

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
4.267	2.083	.127 - .254	4.572	2.286	.254 - .508	4.724	3.023	.127 - .254	4.851	.965	.127 - .254	5.080	1.448	.127 - .254	5.232	2.388	.127 - .254
4.267	2.438	.635 - 1.02	4.572	2.388	.254 - .635	4.724	3.150	.508 - .762	4.851	.991	.254 - .508	5.080	1.676	.127 - .254	5.232	3.912	.127 - .254
4.267	3.302	.127 - .254	4.572	2.438	.127 - .254	4.724	3.175	.254 - .762	4.851	1.600	.254 - .406	5.080	1.829	.508 - .762	5.232	4.089	.127 - .254
4.293	2.921	.381 - .635	4.572	2.540	.635 - 1.02	4.724	3.200	.127 - .254	4.851	1.651	.635 - 1.27	5.080	1.981	.508 - .762	5.258	2.845	.127 - .254
4.318	.864	.127 - .254	4.572	2.896	.508 - 1.02	4.724	3.226	.254 - .381	4.851	1.753	.635 - 1.02	5.080	2.007	.254 - .508	5.258	3.226	.381 - .635
4.318	1.626	.381 - .813	4.572	2.997	.127 - .254	4.724	3.277	.508 - 1.02	4.851	1.905	1.02 - 1.52	5.080	2.184	.635 - 1.02	5.258	3.353	.508 - .762
4.318	1.702	.254 - .508	4.572	3.251	.127 - .254	4.724	3.454	.254 - .508	4.851	1.956	.127 - .762	5.080	2.210	.635 - 1.02	5.258	3.378	.508 - .762
4.318	1.778	.508 - .762	4.572	3.581	.127 - .254	4.724	3.937	.127 - .254	4.851	2.337	.813 - 1.27	5.080	2.286	.254 - .508	5.258	3.658	.254 - .508
4.318	2.261	.381 - .635	4.597	1.803	.127 - .254	4.750	1.067	.381 - .762	4.851	2.642	.508 - .762	5.080	2.337	.127 - .254	5.258	3.734	.127 - .254
4.318	2.464	.127 - .254	4.597	1.981	.178 - .406	4.750	1.880	.381 - .762	4.851	3.023	.254 - .508	5.080	2.413	.381 - .635	5.283	2.515	.254 - .508
4.318	2.769	.635 - .889	4.597	2.210	.127 - .254	4.750	1.956	.508 - 1.02	4.851	3.607	.127 - .254	5.080	2.438	.127 - .254	5.283	3.048	.127 - 1.52
4.318	3.073	.127 - .254	4.597	2.362	.127 - .254	4.750	1.981	.635 - 1.27	4.851	4.115	.381 - .508	5.080	2.464	.381 - .762	5.283	3.226	.381 - .635
4.343	1.651	.127 - .254	4.597	2.413	.254 - .406	4.750	2.032	.127 - .254	4.877	2.311	.508 - 1.02	5.080	2.489	.381 - .635	5.283	3.251	1.02 - 1.27
4.343	2.184	.762 - 1.27	4.597	2.946	.381 - .762	4.750	2.057	.127 - .254	4.877	2.997	.127 - .254	5.080	2.540	1.02 - 1.27	5.283	3.277	.508 - .762
4.343	2.286	.127 - .762	4.597	3.226	.381 - .635	4.750	2.083	.127 - 1.07	4.877	3.048	.508 - 1.02	5.080	2.565	.127 - 1.02	5.283	3.302	.127 - .254
4.343	2.489	.178 - .381	4.597	3.251	.127 - .635	4.750	2.134	.127 - .254	4.877	3.175	.127 - .254	5.080	2.591	.127 - .762	5.283	3.734	.127 - .254
4.343	2.565	.254 - .508	4.623	1.321	.254 - .508	4.750	2.184	.762 - 1.27	4.877	3.378	.127 - .254	5.080	2.667	.254 - .635	5.283	3.937	.127 - .254
4.343	3.251	.254 - .508	4.623	1.448	.305 - .508	4.750	2.261	.254 - .762	4.877	3.785	.381 - .635	5.080	2.794	.635 - .889	5.283	4.140	.254 - .381
4.343	3.277	.254 - .508	4.623	1.727	.254 - .508	4.750	2.286	.635 - 1.02	4.902	1.905	.381 - .762	5.080	2.946	.254 - .508	5.309	1.981	.127 - .254
4.343	3.302	.127 - .254	4.623	2.108	1.02 - 1.27	4.750	2.311	.381 - .635	4.902	2.413	.508 - 1.02	5.080	3.175	.508 - .914	5.309	2.286	.381 - .762
4.369	1.880	.127 - .508	4.623	2.388	.381 - .762	4.750	2.413	.127 - .254	4.902	2.616	.254 - .508	5.080	3.200	.508 - .914	5.309	2.896	.127 - .254
4.369	2.032	.381 - .635	4.623	2.794	.254 - .508	4.750	2.438	.254 - .635	4.902	2.819	.127 - .254	5.080	3.251	.635 - 1.02	5.309	2.946	.635 - 1.02
4.369	2.057	.508 - .762	4.623	3.302	.127 - .406	4.750	2.489	.381 - .635	4.902	3.302	.127 - .254	5.080	3.632	.381 - .762	5.309	2.972	.127 - .254
4.369	2.438	.508 - .813	4.623	3.404	.127 - .254	4.750	2.540	.127 - .254	4.902	3.378	.127 - .254	5.080	3.886	.127 - .254	5.309	3.251	.381 - .762
4.369	2.616	.254 - .508	4.648	1.702	.305 - .635	4.750	2.642	.813 - 1.07	4.902	4.115	.254 - .305	5.080	4.064	.508 - .762	5.309	3.632	.305 - .508
4.369	2.769	.508 - 1.02	4.648	2.286	.254 - .508	4.750	2.692	.381 - 1.02	4.928	1.651	.508 - .762	5.080	4.496	.254 - .508	5.309	3.708	.381 - .635
4.369	3.251	.127 - .254	4.648	2.438	.508 - .762	4.750	2.743	.127 - .254	4.928	1.727	1.02 - 1.52	5.105	.965	.127 - .254	5.309	3.835	.127 - .254
4.394	1.651	.381 - .762	4.648	2.464	.127 - .254	4.750	2.921	.381 - .813	4.928	2.388	.127 - .254	5.105	1.702	.254 - .508	5.334	2.591	.127 - .254
4.394	1.778	.508 - .762	4.648	2.565	.508 - .914	4.750	2.946	.254 - .508	4.953	.813	.127 - .254	5.105	1.981	.127 - .254	5.334	3.251	.127 - .254
4.394	2.007	.508 - .762	4.648	2.667	.127 - .254	4.750	3.099	.127 - .254	4.953	1.905	.508 - .762	5.105	2.083	.508 - 1.02	5.334	4.115	.508 - 1.02
4.394	2.235	.127 - .254	4.648	2.692	.254 - .508	4.750	3.150	.508 - .762	4.953	1.930	.381 - .762	5.105	2.108	.508 - .762	5.359	2.134	.381 - .762
4.394	2.337	.508 - .889	4.648	2.997	.381 - .762	4.750	3.175	.127 - .254	4.953	1.981	.127 - .203	5.105	2.184	.127 - .254	5.359	2.235	.127 - .254
4.394	2.438	.508 - 1.02	4.648	3.048	.127 - .254	4.750	3.200	.127 - .254	4.953	2.515	.762 - 1.27	5.105	2.438	.508 - 1.02	5.359	2.311	.508 - 1.02
4.394	2.540	.254 - .508	4.648	3.327	.381 - .635	4.750	3.226	.254 - .508	4.953	2.540	.508 - .889	5.105	2.921	.381 - .635	5.359	2.642	.127 - .254
4.394	2.591	.254 - .508	4.648	3.353	.127 - .254	4.750	3.251	.127 - .254	4.953	2.743	.381 - .762	5.105	3.200	.508 - .813	5.359	2.692	.508 - 1.02
4.394	2.642	.406 - .635	4.648	3.581	.127 - .508	4.750	3.277	.127 - .305	4.953	3.200	.127 - .508	5.105	3.404	.127 - .762	5.359	2.819	.254 - .508
4.394	2.896	.254 - .508	4.648	3.632	.203 - .305	4.750	3.429	.127 - .254	4.953	3.251	.127 - .762	5.105	3.581	.127 - .254	5.359	2.845	.127 - .254
4.394	2.972	.127 - .635	4.674	1.575	.254 - .508	4.775	.762	.508 - .813	4.953	3.683	.381 - 1.02	5.105	3.759	.127 - .305	5.359	3.048	.127 - .254
4.420	1.118	.508 - .762	4.674	1.651	.127 - .254	4.775	.787	.127 - .254	4.978	1.270	.254 - .508	5.105	4.089	.127 - .254	5.359	3.277	.381 - .762
4.420	1.956	.254 - .508	4.674	2.184	.381 - .762	4.775	1.168	.127 - .254	4.978	1.397	.635 - 1.02	5.131	1.448	.254 - .508	5.359	3.378	.508 - .889
4.420	2.362	1.02 - 1.52	4.699	1.778	.635 - 1.27	4.775	1.372	.762 - 1.27	4.978	1.905	.254 - .508	5.131	1.676	.381 - .635	5.359	3.607	.635 - .889
4.420	2.413	.508 - .813	4.699	1.905	.508 - .762	4.775	1.549	.635 - 1.02	4.978	2.184	.635 - .889	5.131	1.702	.127 - .381	5.359	4.013	.127 - .254
4.420	2.464	.635 - 1.02	4.699	1.930	.635 - 1.02	4.775	1.600	.254 - .381	4.978	2.286	.127 - .254	5.131	2.565	.381 - .635	5.359	4.140	.508 - .813
4.420	3.480	.254 - .508	4.699	1.981	.381 - .762	4.775	1.803	.127 - .381	4.978	2.591	.127 - .254	5.131	2.946	.381 - .508	5.359	4.242	.127 - .254
4.445	1.422	.127 - .635	4.699	2.032	.127 - .254	4.775	1.905	.762 - 1.27	4.978	2.642	.127 - .254	5.131	3.048	.381 - .813	5.385	2.134	.127 - .254
4.445	2.261	.381 - .762	4.699	2.108	.381 - .762	4.775	1.956	.254 - .381	4.978	2.667	.381 - .762	5.131	3.200	.127 - .254	5.385	2.362	.381 - .762
4.445	2.286	.127 - .762	4.699	2.184	.203 - .508	4.775	2.108	.635 - 1.02	4.978	2.972	.203 - .381	5.131	3.251	.127 - .254	5.385	3.048	.254 - .508
4.445	2.337	.127 - .762	4.699	2.261	.381 - .762	4.775	2.210	.254 - .508	4.978	3.099	.254 - .508	5.131	3.404	.127 - .254	5.385	3.150	.127 - .254
4.445	2.515	.127 - .254	4.699	2.337													

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
5.461	2.692	.127 - .381	5.588	3.175	.508 - .762	5.817	3.531	.381 - .635	5.994	1.981	.127 - .254	6.172	4.115	.508 - .889	6.299	3.251	.127 - 1.02
5.461	2.845	.508 - 1.02	5.588	3.226	.635 - 1.22	5.817	3.785	.127 - .254	5.994	2.032	.508 - .762	6.172	4.318	.254 - .508	6.299	3.277	.762 - 1.27
5.461	3.124	.381 - .889	5.588	3.251	1.02 - 1.27	5.817	4.216	.254 - .508	5.994	2.083	.381 - .762	6.172	4.775	.127 - .254	6.299	3.302	.127 - .254
5.461	3.226	.127 - .305	5.588	3.277	.508 - .889	5.842	.965	.508 - .762	5.994	2.311	.508 - .762	6.172	5.029	.127 - .508	6.299	3.378	.381 - .762
5.461	3.480	.254 - .381	5.588	3.556	.254 - .508	5.842	1.270	.508 - .762	5.994	2.388	.381 - .762	6.198	1.778	.508 - .762	6.299	3.429	.381 - .635
5.461	3.505	.508 - .762	5.588	3.658	.635 - .889	5.842	1.854	.381 - .762	5.994	2.464	.381 - .762	6.198	2.235	.127 - .254	6.299	3.861	.762 - 1.27
5.461	3.658	.762 - 1.27	5.588	3.734	.381 - .635	5.842	2.388	1.07 - 1.57	5.994	2.489	.762 - 1.22	6.198	2.692	.381 - .762	6.299	3.937	.127 - .254
5.461	4.115	.127 - .254	5.588	4.039	.127 - .254	5.842	2.464	.254 - .508	5.994	2.718	.508 - .762	6.198	3.023	.127 - .254	6.299	4.013	.635 - 1.07
5.461	4.166	.127 - .254	5.588	4.216	.381 - .508	5.842	2.743	.127 - .254	5.994	2.997	.127 - .254	6.198	3.226	.254 - .381	6.299	4.470	.254 - .508
5.461	4.216	.127 - .254	5.588	4.496	.381 - .508	5.842	3.048	.127 - .254	5.994	3.226	.127 - .254	6.198	3.734	.127 - .381	6.299	5.283	.254 - .508
5.461	4.267	.254 - .508	5.588	4.547	.127 - .254	5.842	3.073	.254 - .508	5.994	3.277	.127 - .254	6.198	3.810	.381 - .762	6.325	1.905	.381 - .762
5.461	4.318	.127 - .254	5.613	1.549	1.27 - 1.52	5.842	3.302	.127 - 1.52	5.994	3.302	.381 - .762	6.198	4.851	.381 - .762	6.325	2.540	.508 - .813
5.486	1.372	.381 - .813	5.613	1.651	.127 - .254	5.842	3.683	.254 - 1.02	5.994	3.937	.127 - .254	6.198	4.877	.127 - .254	6.325	2.616	.127 - .254
5.486	1.397	.127 - .254	5.613	2.134	.508 - .889	5.842	3.861	.254 - .508	5.994	4.064	.127 - .254	6.198	4.953	.127 - .254	6.325	2.845	.254 - .457
5.486	1.448	.508 - .762	5.613	2.515	.508 - .762	5.842	4.064	.254 - .508	5.994	4.089	.127 - .254	6.198	5.207	.254 - .508	6.325	2.946	.508 - 1.02
5.486	2.794	.254 - .508	5.613	2.992	.254 - .508	5.842	4.242	.127 - .254	5.994	4.623	.127 - .254	6.223	.813	.254 - .381	6.325	3.073	.381 - .635
5.486	3.048	.254 - .508	5.613	2.672	.127 - .254	5.842	4.470	.127 - .254	5.994	4.877	.127 - .254	6.223	1.143	.127 - .254	6.325	3.124	.381 - .762
5.486	3.200	.127 - .254	5.613	3.099	.508 - .889	5.867	1.168	.127 - .254	5.994	5.334	.127 - .254	6.223	1.397	.127 - .254	6.325	3.150	.127 - .254
5.486	3.759	.127 - .254	5.613	3.175	.508 - .889	5.867	1.727	.508 - .762	6.020	1.778	.254 - .508	6.223	2.464	.635 - 1.02	6.325	3.226	.254 - 1.27
5.486	4.115	.254 - .508	5.613	3.200	.508 - .889	5.867	2.438	1.27 - 1.78	6.020	2.743	1.02 - 1.52	6.223	3.226	.254 - .762	6.325	3.251	.508 - .889
5.512	2.032	.508 - .762	5.613	3.302	.762 - 1.07	5.867	2.946	1.02 - 1.52	6.020	2.845	.127 - .254	6.223	3.251	.127 - .254	6.325	3.429	.127 - .254
5.512	2.134	.381 - .762	5.613	3.429	.127 - .254	5.867	3.048	.889 - 1.22	6.020	3.226	.127 - .762	6.223	3.454	.635 - 1.02	6.325	3.480	.635 - 1.27
5.512	2.540	.762 - 1.27	5.613	3.658	.127 - .254	5.867	3.302	.254 - .508	6.020	3.302	.127 - .508	6.223	3.581	.127 - .254	6.325	3.531	.127 - 1.02
5.512	2.692	.381 - .762	5.613	3.962	.508 - .762	5.867	3.708	.127 - .254	6.020	3.759	.762 - 1.27	6.223	4.699	.127 - .254	6.325	3.632	.381 - .762
5.512	2.946	.203 - .406	5.639	2.362	.508 - .762	5.867	3.937	.254 - .508	6.020	3.988	.635 - .914	6.223	5.182	.254 - .508	6.325	3.658	.762 - 1.27
5.512	2.997	1.27 - 1.78	5.639	2.413	.203 - .305	5.867	4.064	.254 - .381	6.020	4.115	.127 - .254	6.248	1.397	.127 - .305	6.325	3.861	.127 - .254
5.512	3.048	.635 - 1.02	5.639	2.896	.254 - .508	5.867	4.394	.127 - .254	6.020	4.166	.203 - .889	6.248	2.032	.127 - .254	6.325	4.013	.508 - .762
5.512	4.216	.127 - .254	5.639	2.946	.635 - 1.14	5.893	1.524	.762 - 1.27	6.020	4.902	.254 - .508	6.248	2.388	.254 - .508	6.325	4.064	.508 - 1.02
5.512	4.851	.127 - .254	5.639	3.277	.508 - .762	5.893	3.048	.381 - .635	6.020	4.928	.254 - .508	6.248	3.099	.635 - 1.02	6.325	4.318	.635 - 1.02
5.537	1.753	.381 - .635	5.639	3.404	1.02 - 1.27	5.893	3.378	.127 - .254	6.045	1.803	.381 - .762	6.248	3.251	.127 - .254	6.325	4.369	.254 - .508
5.537	1.981	.635 - 1.07	5.639	3.556	.254 - .508	5.893	3.404	.254 - .508	6.045	3.200	.762 - 1.27	6.248	3.327	.127 - .254	6.325	4.724	.127 - .254
5.537	2.286	.381 - .762	5.639	3.607	.254 - .508	5.893	3.454	.127 - .254	6.045	3.632	.127 - .254	6.248	3.404	.127 - .254	6.325	4.801	.381 - .813
5.537	2.413	.254 - 1.27	5.664	1.499	.381 - 1.02	5.893	4.039	.152 - .406	6.045	3.708	.762 - 1.02	6.248	3.607	.381 - .762	6.325	4.826	.127 - .203
5.537	2.464	.305 - .635	5.664	2.540	.127 - .254	5.918	1.016	.127 - .254	6.045	4.597	.508 - .762	6.248	4.318	.127 - .254	6.325	4.902	.203 - .305
5.537	2.565	.508 - .762	5.664	2.591	.635 - .889	5.918	1.524	.254 - .635	6.071	1.727	.203 - .406	6.248	4.572	.254 - .508	6.350	.686	.127 - .254
5.537	2.667	.127 - .813	5.664	2.997	.127 - .381	5.918	2.794	.127 - .254	6.071	2.388	.127 - .254	6.248	4.623	.508 - .762	6.350	.991	.127 - .635
5.537	2.692	.508 - .813	5.664	3.226	.635 - 1.07	5.918	2.997	.508 - 1.02	6.071	3.327	.813 - 1.27	6.248	5.004	.381 - .635	6.350	1.118	.127 - .381
5.537	2.743	.203 - .508	5.664	3.302	.127 - .254	5.918	3.150	.254 - .508	6.071	3.581	.381 - .762	6.274	1.295	.254 - .508	6.350	1.321	.127 - .305
5.537	2.870	.635 - 1.02	5.664	3.353	.635 - .889	5.918	3.226	.127 - .254	6.071	3.607	.381 - .762	6.274	1.600	.762 - 1.27	6.350	1.600	.127 - .254
5.537	2.946	.127 - .508	5.664	3.429	.254 - .508	5.918	3.302	.127 - .381	6.071	3.759	.127 - .254	6.274	2.032	.254 - 1.02	6.350	1.829	.127 - .305
5.537	3.023	.127 - .203	5.664	3.531	.381 - .635	5.918	3.937	.127 - .254	6.071	4.089	.762 - 1.27	6.274	2.286	.508 - .762	6.350	1.956	.305 - .635
5.537	3.226	.127 - .254	5.664	3.937	.127 - .254	5.918	4.140	.254 - .381	6.071	4.140	.762 - 1.02	6.274	2.311	.762 - 1.27	6.350	2.083	.127 - .254
5.537	3.251	.127 - .508	5.664	4.851	.127 - .254	5.918	4.318	.508 - .762	6.071	4.597	.127 - .254	6.274	2.413	1.02 - 1.52	6.350	2.108	.381 - .508
5.537	3.353	.203 - .381	5.690	1.905	.635 - 1.02	5.918	4.394	.127 - .254	6.071	4.826	.127 - .381	6.274	2.464	.127 - .508	6.350	2.159	.127 - .762
5.537	3.505	.508 - 1.02	5.690	3.531	.127 - .305	5.918	4.851	.127 - .254	6.096	.610	.127 - .254	6.274	2.540	.127 - .254	6.350	2.311	.508 - .762
5.537	3.556	.381 - .635	5.690	3.581	.127 - .254	5.944	.991	.127 - .254	6.096	1.829	.127 - .254	6.274	2.997	.127 - .508	6.350	2.362	1.57 - 2.10
5.537	3.581	.635 - .914	5.715	1.600	.127 - .254	5.944	1.676	1.07 - 1.57	6.096	2.286	.508 - .762	6.274	3.023	.635 - 1.02	6.350	2.388	.127 - .635
5.537	3.632	.381 - .762	5.715	2.286	.381 - .762	5.944	2.438	1.07 - 1.52	6.096	2.591	.254 - .508	6.274	3.175	.508 - .813	6.350	2.413	.178 - 1.02
5.537	4.293	.381 - .635</															

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
6.350	4.013	.381 - .762	6.452	3.226	.635 - 1.02	6.731	3.200	.508 - 1.02	6.934	2.642	.127 - .254	7.036	5.105	.254 - .508	7.163	5.664	.178 - .381
6.350	4.039	.508 - .914	6.452	4.039	.127 - .254	6.731	3.277	.127 - .254	6.934	2.743	.381 - .762	7.061	2.210	.127 - .254	7.188	2.413	.127 - .254
6.350	4.089	.127 - .254	6.452	4.064	.635 - 1.07	6.731	3.581	.127 - .254	6.934	2.997	.381 - .762	7.061	3.429	1.02 - 1.57	7.188	2.438	.381 - .762
6.350	4.115	.813 - 1.07	6.452	4.928	.635 - 1.07	6.731	3.632	1.02 - 1.57	6.934	3.581	.381 - .635	7.061	3.581	.254 - .508	7.188	2.489	.813 - 1.57
6.350	4.166	.254 - .508	6.452	5.105	.127 - .254	6.731	3.886	.127 - .254	6.934	3.658	.127 - .254	7.061	3.607	.635 - 1.02	7.188	2.819	.254 - .508
6.350	4.191	.254 - .508	6.452	5.207	.127 - .254	6.731	4.064	.127 - .254	6.934	3.759	.127 - .254	7.061	3.835	.381 - .762	7.188	3.556	.635 - 1.07
6.350	4.216	.127 - .305	6.477	2.464	.127 - .254	6.731	4.089	.254 - .762	6.934	3.785	.508 - .762	7.061	3.937	.127 - .254	7.188	3.632	.254 - .381
6.350	4.242	.254 - 1.14	6.477	2.565	.762 - 1.27	6.731	4.216	.254 - .381	6.934	4.140	.508 - 1.02	7.061	4.826	.127 - .254	7.188	4.191	.203 - .381
6.350	4.369	.127 - .254	6.477	2.667	.635 - 1.02	6.731	4.648	.635 - 1.02	6.934	4.394	.127 - .254	7.061	4.851	.381 - .813	7.188	4.216	.127 - .254
6.350	4.394	.635 - 1.02	6.477	2.769	.254 - .508	6.731	4.801	.127 - .254	6.934	5.156	.508 - .762	7.061	5.690	.254 - .508	7.188	4.267	.635 - 1.02
6.350	4.445	.127 - .254	6.477	3.429	.381 - .762	6.756	2.083	.381 - .762	6.960	.813	.127 - .254	7.087	1.143	.127 - .381	7.188	4.394	.762 - 1.02
6.350	4.470	.635 - 1.02	6.477	3.785	1.02 - 1.27	6.756	2.286	.127 - .254	6.960	1.321	.127 - .254	7.087	2.946	.254 - .508	7.188	4.674	.127 - .254
6.350	4.724	.254 - .508	6.477	4.166	.889 - 1.27	6.756	2.692	.127 - .254	6.960	2.362	.127 - 1.02	7.087	3.277	.254 - .381	7.188	4.826	.203 - .381
6.350	4.801	.254 - .508	6.477	4.242	.127 - .254	6.756	2.794	.254 - .508	6.960	2.413	.127 - .254	7.087	3.531	.813 - 1.22	7.188	5.080	.254 - .508
6.350	4.826	.254 - .508	6.477	4.953	1.02 - 1.52	6.756	3.073	.508 - 1.02	6.960	3.073	.127 - 1.52	7.087	3.556	.762 - 1.02	7.188	5.486	.127 - .762
6.350	4.851	.254 - .508	6.502	3.023	1.02 - 1.52	6.756	3.124	.787 - 1.22	6.960	3.226	.762 - 1.54	7.087	3.658	.635 - 1.02	7.188	5.537	.127 - .635
6.350	4.877	.635 - .762	6.502	4.166	.635 - 1.07	6.756	3.327	.914 - 1.52	6.960	3.353	.635 - .889	7.087	3.962	.508 - .762	7.188	6.350	.127 - .254
6.375	.914	.254 - .508	6.528	1.702	.381 - .762	6.756	3.404	.635 - 1.02	6.960	4.318	.762 - 1.27	7.087	4.318	.381 - .635	7.214	2.413	.381 - .635
6.375	1.448	.127 - .305	6.528	1.981	.635 - 1.02	6.756	4.267	.635 - 1.02	6.960	4.369	1.02 - 1.52	7.087	4.953	.127 - 1.02	7.214	3.023	.635 - 1.02
6.375	1.499	.127 - .254	6.528	4.851	.254 - .508	6.756	4.343	.508 - .889	6.960	4.420	.889 - 1.27	7.087	5.004	.381 - .762	7.214	3.175	.127 - .381
6.375	1.600	.635 - 1.02	6.528	5.410	.127 - .254	6.756	4.547	.508 - .762	6.960	4.445	1.02 - 1.27	7.087	5.512	.381 - .762	7.214	4.851	.254 - .457
6.375	1.880	.635 - 1.27	6.553	1.702	.381 - .762	6.756	4.699	.381 - .635	6.960	4.851	.127 - .508	7.087	5.893	.127 - .254	7.214	5.080	.254 - .508
6.375	1.930	.127 - .254	6.553	3.785	.127 - .254	6.756	5.537	.127 - .254	6.960	5.359	.127 - .254	7.087	6.274	.254 - .381	7.214	5.385	.127 - .254
6.375	2.362	.127 - .254	6.553	3.912	.127 - .254	6.782	1.499	.254 - .508	6.960	6.020	.127 - .254	7.112	1.702	.127 - .381	7.239	2.007	.127 - .254
6.375	2.565	.635 - 1.02	6.553	4.140	.381 - .762	6.782	2.540	.762 - 1.27	6.985	2.007	.254 - .508	7.112	2.007	.762 - 1.27	7.239	2.235	.127 - .254
6.375	2.743	.508 - 1.02	6.553	4.293	.508 - .762	6.782	3.175	.127 - .254	6.985	2.057	.508 - 1.02	7.112	2.667	.381 - .813	7.239	2.718	.508 - .813
6.375	2.870	.762 - 1.27	6.553	4.496	.127 - .381	6.782	3.556	.381 - .762	6.985	2.311	.508 - 1.02	7.112	2.921	.381 - .762	7.239	2.921	.381 - .762
6.375	2.921	1.02 - 1.52	6.579	2.946	.127 - .254	6.782	3.632	.254 - .635	6.985	2.438	.127 - .254	7.112	2.997	.254 - .508	7.239	3.226	.254 - .889
6.375	3.099	.889 - 1.27	6.579	4.064	.127 - .254	6.782	3.658	.508 - .762	6.985	2.489	.762 - 1.27	7.112	3.099	.635 - 1.22	7.239	3.251	.254 - .889
6.375	3.175	.254 - .508	6.579	5.410	.127 - .254	6.782	4.267	.127 - .254	6.985	2.921	.127 - .254	7.112	3.200	.508 - .762	7.239	3.327	.127 - .254
6.375	3.226	.254 - .635	6.604	2.261	.254 - .508	6.782	4.318	.762 - 1.27	6.985	2.997	.508 - 1.02	7.112	3.226	.127 - .254	7.239	3.734	.762 - 1.27
6.375	3.302	.381 - .762	6.604	2.743	.381 - .762	6.782	4.521	.635 - 1.02	6.985	3.099	.508 - 1.02	7.112	3.251	.254 - .813	7.239	4.089	.127 - .254
6.375	3.327	.127 - 1.27	6.604	2.870	.381 - .762	6.782	4.826	.127 - .203	6.985	3.429	.127 - .305	7.112	3.378	.508 - 1.02	7.239	4.191	.381 - .762
6.375	3.454	.127 - .254	6.604	3.048	.508 - 1.52	6.782	5.207	.381 - .762	6.985	3.632	.254 - .508	7.112	3.404	.127 - .254	7.239	4.445	.635 - 1.22
6.375	3.505	.127 - .254	6.604	3.073	.178 - .381	6.782	5.359	.508 - .762	6.985	3.658	1.02 - 1.27	7.112	3.429	.508 - .889	7.239	4.877	.508 - .889
6.375	3.683	.381 - 1.22	6.604	3.251	1.02 - 1.52	6.807	2.769	.381 - .762	6.985	4.140	.381 - .635	7.112	3.683	.813 - 1.27	7.239	4.928	.127 - .254
6.375	3.708	.381 - .762	6.604	3.277	.635 - 1.02	6.807	3.150	.381 - .762	6.985	4.216	.508 - .762	7.112	3.759	.127 - .254	7.239	5.182	.254 - .508
6.375	3.785	1.02 - 1.27	6.604	3.658	.508 - 1.02	6.807	3.734	.813 - 1.27	6.985	4.318	.813 - 1.22	7.112	3.937	.635 - 1.14	7.239	5.258	.508 - .762
6.375	3.835	.635 - 1.02	6.604	3.759	.127 - .305	6.807	4.394	.127 - .254	6.985	4.801	.762 - 1.27	7.112	3.962	1.02 - 1.52	7.239	6.071	.254 - .381
6.375	3.988	1.02 - 1.52	6.604	4.013	.127 - .508	6.807	4.547	.127 - .254	6.985	4.826	.127 - .254	7.112	4.089	.381 - .762	7.264	3.175	.813 - 1.22
6.375	4.013	.127 - .381	6.604	4.140	.508 - 1.02	6.807	5.055	.254 - .508	6.985	4.877	.127 - .254	7.112	4.293	.127 - .381	7.264	3.810	.813 - 1.27
6.375	4.064	.127 - .254	6.604	4.242	.127 - .254	6.807	5.131	.127 - .381	6.985	5.080	.127 - .254	7.112	4.902	.254 - .381	7.264	4.318	.254 - .508
6.375	4.115	.635 - 1.07	6.604	4.318	1.02 - 1.52	6.807	5.410	.254 - .508	6.985	5.156	.762 - 1.27	7.112	5.105	.127 - .254	7.264	4.724	.254 - .508
6.375	4.750	.254 - .508	6.604	4.394	.508 - 1.02	6.833	3.531	.508 - .762	6.985	6.147	.254 - .508	7.112	5.131	.635 - 1.02	7.264	4.775	.127 - .254
6.375	4.775	.127 - .203	6.604	4.445	.127 - .254	6.833	3.962	.381 - .635	7.010	2.057	.127 - .254	7.112	5.512	.508 - .762	7.264	4.953	.127 - .254
6.375	4.826	.127 - .381	6.604	4.470	.508 - 1.02	6.833	4.013	.254 - .508	7.010	2.311	.381 - .635	7.112	5.994	.254 - .813	7.264	5.359	.127 - .254
6.375	4.877	.127 - .254	6.604	4.775	.127 - .381	6.833	4.064	.381 - .762	7.010	2.769	.381 - 1.02	7.137	1.321	.254 - .508	7.290	2.997	.127 - .254
6.375	4.953	.127 - .254	6.604	4.826	.254 - .508	6.833	4.089	1.22 - 1.57	7.010	2.845	.762 - 1.27	7.137	1.702	.813 - 1.27	7.290	4.648	.127 - .254
6.375	5.080	.381 - .635	6.604	5.207	.254 - .508	6.833	4.547	.635 - 1.02	7.010	2.896	1.02 - 1.52	7.137	2.388	1.02 - 1.52	7.290	4.953	.152 - .305
6.375	5.207	.178 - .381	6.629	2.642	1.27 - 1.78	6.833	4.826	.127 - .254	7.010	3.099	.203 - .406	7.137	2.438	.127 - .254	7.290	4.978	.127 - .508
6.375	5.436	.127 - .254	6.629	2.794	.127 - .254	6.833	5.410	.127 - .254	7.010	3.200	.508 - .762	7.137	2.845	1.02 - 1.27	7.315	3.251	.762 - 1.27
6.401	1.981	1.52 - 1.83	6.629	2.819	.762 - 1.27	6.858	2.438	.127 - .635	7.010	3.378	.127 - .254	7.137	2.972	.635 - 1.02	7.315	3.327	.635 - 1.02
6.401	2.515	.127 - .254	6.629	5.105	.127 - .254	6.858	2.515	.508 - .762	7.010	3.581	1.02 - 1.52	7.137	3.099	.254 - .508	7.315		

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
7.391	6.198	.381 - .635	7.595	2.667	.762 - 1.02	7.696	5.715	.127 - .254	7.849	4.928	.635 - 1.02	7.899	5.461	.127 - .254	7.950	3.124	1.27 - 1.78
7.391	6.350	.127 - .254	7.595	2.946	.254 - .508	7.696	5.944	.127 - .254	7.849	4.953	1.27 - 1.78	7.899	5.512	.508 - 1.02	7.950	3.200	.508 - 1.02
7.417	2.896	1.02 - 1.52	7.595	3.683	.254 - .762	7.696	6.096	.508 - .762	7.849	5.131	.762 - 1.27	7.899	5.563	.508 - .889	7.950	3.277	.127 - .254
7.417	3.683	.635 - 1.02	7.595	5.131	.127 - .254	7.696	6.375	.254 - .508	7.849	5.334	.254 - .508	7.899	5.867	.635 - 1.02	7.950	3.302	.635 - 1.02
7.417	3.708	.127 - .254	7.620	1.143	.635 - 1.02	7.722	2.108	.635 - 1.02	7.849	6.274	.127 - .254	7.899	6.045	.127 - .254	7.950	3.378	.381 - .762
7.417	3.759	.508 - 1.02	7.620	1.422	.127 - .254	7.722	4.140	.254 - .508	7.849	6.375	.381 - .762	7.925	.991	.127 - .305	7.950	3.505	.635 - 1.02
7.417	3.785	.762 - 1.02	7.620	1.651	.203 - 1.02	7.722	4.420	.127 - .254	7.849	6.452	.254 - .762	7.925	1.143	.635 - .889	7.950	3.556	1.02 - 1.52
7.417	4.191	1.27 - 1.52	7.620	1.880	.127 - .254	7.722	5.512	.762 - 1.27	7.849	6.477	.381 - .762	7.925	1.372	.127 - .254	7.950	3.734	.762 - 1.27
7.417	4.343	.127 - .254	7.620	2.057	.127 - .254	7.722	6.121	.254 - .508	7.874	1.194	.635 - .889	7.925	1.575	.381 - .762	7.950	3.835	.127 - .254
7.417	4.877	.254 - .381	7.620	2.413	.254 - .508	7.722	6.223	.381 - .508	7.874	1.524	.254 - .635	7.925	1.676	.254 - .508	7.950	3.962	1.02 - 1.27
7.417	4.902	.508 - .762	7.620	2.464	.406 - 2.30	7.722	6.350	.508 - .762	7.874	1.803	.127 - .254	7.925	1.829	.127 - .254	7.950	3.988	.127 - .254
7.417	5.004	1.02 - 1.27	7.620	2.540	.127 - .381	7.747	2.210	.635 - 1.02	7.874	1.930	.508 - 1.02	7.925	1.854	.381 - .635	7.950	4.013	.381 - .762
7.417	5.994	.127 - .254	7.620	2.946	.508 - 1.02	7.747	3.175	.127 - .254	7.874	2.235	.381 - .635	7.925	2.286	.635 - 1.27	7.950	4.064	.152 - .762
7.442	.864	.381 - .635	7.620	2.972	.635 - 1.02	7.747	3.277	.254 - .508	7.874	2.286	.305 - .635	7.925	2.362	.127 - 1.57	7.950	4.115	.127 - .254
7.442	3.150	.254 - .508	7.620	3.023	.127 - .254	7.747	3.556	.813 - 1.52	7.874	2.362	.635 - 1.02	7.925	2.388	.508 - .762	7.950	4.318	1.52 - 2.00
7.442	3.277	.127 - .254	7.620	3.251	.127 - 1.52	7.747	3.886	.381 - .635	7.874	2.413	.635 - .889	7.925	2.413	.813 - 1.07	7.950	4.394	.635 - 1.27
7.442	3.734	.127 - .254	7.620	3.302	.762 - 1.27	7.747	3.962	.254 - .508	7.874	2.438	.127 - .254	7.925	2.438	.381 - .635	7.950	4.547	.127 - .635
7.442	4.775	.762 - 1.27	7.620	3.429	.127 - .254	7.747	4.064	.635 - 1.02	7.874	2.591	.381 - .762	7.925	2.489	1.52 - 1.78	7.950	4.699	.127 - .254
7.442	4.877	1.02 - 1.27	7.620	3.505	.508 - 1.52	7.747	4.115	.381 - .762	7.874	2.642	.508 - 1.02	7.925	2.515	.254 - .508	7.950	4.750	.127 - .254
7.442	5.563	.127 - .254	7.620	3.658	.381 - .762	7.747	4.293	.635 - 1.02	7.874	2.692	.635 - 1.27	7.925	2.540	1.27 - 1.52	7.950	4.826	.254 - .381
7.468	2.184	.381 - .762	7.620	3.683	.127 - .305	7.747	4.775	.254 - .508	7.874	2.946	.762 - 1.02	7.925	2.642	.127 - .203	7.950	5.080	.254 - .508
7.468	2.261	.381 - .762	7.620	3.988	.508 - .762	7.747	5.004	.127 - .254	7.874	3.023	.635 - 1.27	7.925	2.667	.381 - .635	7.950	5.232	.762 - 1.27
7.468	3.099	.381 - .762	7.620	4.115	.635 - 1.02	7.747	5.182	.635 - 1.22	7.874	3.048	.762 - 1.52	7.925	2.845	.254 - .508	7.950	5.258	.508 - 1.02
7.468	3.200	.381 - .762	7.620	4.216	.127 - .254	7.747	5.207	.635 - 1.07	7.874	3.099	.635 - .889	7.925	2.946	.127 - .254	7.950	5.283	.127 - .254
7.468	4.496	1.02 - 1.52	7.620	4.242	.762 - 1.07	7.747	5.613	.127 - .254	7.874	3.150	.127 - .254	7.925	3.099	.381 - .762	7.950	5.690	.508 - 1.02
7.468	4.750	.762 - 1.27	7.620	4.293	.381 - .762	7.747	5.715	.254 - .508	7.874	3.226	.508 - 1.91	7.925	3.200	.127 - .254	7.950	5.842	.127 - .381
7.468	4.877	.127 - .305	7.620	4.445	.635 - 1.02	7.772	1.143	.254 - .635	7.874	3.302	.762 - 1.27	7.925	3.200	1.78 - 2.30	7.950	5.893	.127 - .381
7.468	5.690	.127 - .254	7.620	4.470	.127 - .254	7.772	3.226	.635 - 1.02	7.874	3.353	.381 - .762	7.925	3.226	.254 - .508	7.950	6.147	.127 - .254
7.493	2.007	1.27 - 1.52	7.620	4.496	.254 - .508	7.772	3.505	.508 - 1.02	7.874	3.404	.381 - .762	7.925	3.251	.508 - 1.02	7.950	6.426	.508 - .762
7.493	2.692	.203 - .406	7.620	4.572	.381 - .635	7.772	3.556	.127 - .254	7.874	3.556	.381 - .635	7.925	3.277	.254 - .762	7.950	6.477	.381 - .635
7.493	3.226	.635 - 1.02	7.620	4.623	.127 - .254	7.772	4.826	.381 - .762	7.874	3.734	.127 - .254	7.925	3.302	.127 - .381	7.976	.991	.254 - .508
7.493	3.302	.254 - 1.02	7.620	4.699	.254 - .508	7.772	4.928	.762 - 1.27	7.874	3.861	.381 - .635	7.925	3.353	.254 - .635	7.976	1.092	.127 - .254
7.493	3.505	.381 - .762	7.620	4.877	.127 - .254	7.772	5.156	.127 - .381	7.874	3.937	.762 - 1.07	7.925	3.404	.254 - .381	7.976	2.235	.381 - .889
7.493	3.759	.762 - 1.02	7.620	5.080	.127 - .254	7.772	5.791	.406 - .635	7.874	4.089	.127 - .254	7.925	3.531	.127 - .203	7.976	2.616	.635 - 1.14
7.493	4.115	.508 - 1.02	7.620	5.156	.254 - .508	7.772	6.172	.127 - .254	7.874	4.115	.762 - 1.02	7.925	3.607	.152 - .762	7.976	2.819	.254 - .635
7.493	4.242	.635 - 1.02	7.620	5.486	.406 - .635	7.798	2.032	.127 - .254	7.874	4.343	.254 - .508	7.925	3.632	.127 - .305	7.976	2.896	.813 - 1.27
7.493	4.293	.127 - .254	7.620	5.588	.381 - .635	7.798	2.057	1.52 - 2.00	7.874	4.420	.254 - .508	7.925	3.658	.127 - .508	7.976	3.099	.635 - 1.22
7.493	4.318	1.02 - 1.27	7.620	5.842	.254 - .508	7.798	2.413	.508 - 1.02	7.874	4.775	.762 - 1.27	7.925	3.708	2.03 - .406	7.976	3.251	.127 - .381
7.493	4.394	.762 - 1.27	7.620	6.299	.381 - .762	7.798	3.302	2.00 - 2.54	7.874	4.801	.254 - .508	7.925	3.759	1.02 - 1.52	7.976	3.531	1.02 - 1.52
7.493	4.420	.508 - .813	7.620	6.604	.127 - .305	7.798	3.632	.635 - 2.00	7.874	4.826	.305 - .635	7.925	3.912	.127 - 1.52	7.976	3.759	.635 - 1.57
7.493	4.496	.254 - .508	7.645	2.769	.635 - 1.02	7.798	4.039	.762 - 1.27	7.874	4.851	.127 - .254	7.925	3.962	.406 - 2.00	7.976	3.861	.889 - 1.27
7.493	4.547	1.27 - 1.52	7.645	3.226	.381 - .635	7.798	4.089	.127 - .254	7.874	4.902	.635 - 1.02	7.925	3.988	.127 - .889	7.976	4.013	1.52 - 2.00
7.493	4.750	.127 - .254	7.645	3.302	.381 - .762	7.798	4.216	.127 - .254	7.874	4.953	.127 - .254	7.925	4.013	.254 - .508	7.976	4.089	1.02 - 1.52
7.493	4.877	.127 - 1.02	7.645	3.353	.127 - .254	7.798	4.420	.127 - .254	7.874	5.055	.762 - 1.27	7.925	4.064	1.02 - 1.52	7.976	4.115	1.02 - 1.52
7.493	4.902	.381 - .762	7.645	3.607	1.52 - 2.00	7.798	4.496	.381 - .635	7.874	5.105	.813 - 1.27	7.925	4.191	.508 - 1.02	7.976	4.470	.762 - 1.27
7.493	4.953	.127 - .254	7.645	3.658	.508 - 1.02	7.798	4.801	.127 - .508	7.874	5.410	.762 - 1.27	7.925	4.242	.381 - .635	7.976	4.801	.381 - .813
7.493	5.055	.508 - .762	7.645	3.708	.127 - .254	7.798	5.156	.635 - 1.07	7.874	5.436	.254 - .508	7.925	4.343	1.02 - 1.52	7.976	5.563	.762 - 1.27
7.493	5.334	.254 - .508	7.645	3.861	.508 - .762	7.798	5.182	.635 - 1.02	7.874	5.893	.127 - .254	7.925	4.369	.508 - .762	7.976	5.588	.381 - .762
7.518	3.023	.381 - .762	7.645	4.089	.635 - 1.02	7.798	5.258	.127 - .254	7.874	5.969	.127 - .254	7.925	4.394	.127 - .254	7.976	5.715	.381 - .635
7.518	3.048	.508 - .762	7.645														

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
8.026	3.988	.127 - .254	8.230	4.191	1.52 - 2.00	8.407	4.013	.127 - .254	8.636	4.801	.305 - .508	8.763	4.039	.127 - .254	8.915	4.216	.203 - .381
8.026	4.242	.127 - .254	8.230	4.826	.127 - .254	8.407	4.242	.508 - .762	8.636	4.826	.127 - .254	8.763	4.318	.127 - .254	8.915	4.343	.127 - .381
8.026	4.572	.508 - .762	8.230	5.080	.254 - .508	8.407	4.978	.127 - .254	8.636	4.851	.635 - 1.27	8.763	4.801	.127 - .254	8.915	4.674	.127 - .254
8.026	5.055	.762 - 1.27	8.230	5.182	1.02 - 1.52	8.407	5.029	.381 - .762	8.636	4.928	.127 - .254	8.763	4.877	.127 - 1.91	8.915	5.080	.635 - 1.27
8.026	5.105	.127 - 1.27	8.230	5.232	1.02 - 1.52	8.407	5.080	1.02 - 1.52	8.636	4.978	.508 - 1.02	8.763	4.902	.635 - 1.52	8.915	5.105	.508 - .762
8.026	5.258	.127 - .254	8.230	5.258	.508 - .762	8.407	5.994	.381 - .762	8.636	5.004	.127 - .889	8.763	5.207	.127 - .254	8.915	5.283	.762 - 1.52
8.026	5.309	.127 - .254	8.230	6.147	.635 - 1.07	8.407	6.020	.508 - .762	8.636	5.182	.914 - 1.27	8.763	5.486	.127 - .254	8.915	5.842	1.02 - 1.52
8.026	6.401	.127 - .254	8.230	6.452	.127 - .254	8.407	6.452	.127 - .203	8.636	5.258	.762 - 1.27	8.763	5.664	.254 - 1.27	8.915	6.121	.508 - 1.02
8.026	6.477	.152 - .254	8.255	2.997	.127 - .254	8.433	4.166	.127 - .254	8.636	5.334	.762 - 1.27	8.763	5.791	.381 - .762	8.915	6.401	.254 - .508
8.052	2.413	.203 - .508	8.255	3.175	.381 - .635	8.433	4.445	1.27 - 1.91	8.636	5.385	.508 - 1.02	8.763	6.401	.254 - .508	8.915	6.807	.508 - .762
8.052	2.540	.152 - .762	8.255	3.302	.381 - .635	8.433	4.877	.406 - .762	8.636	5.639	.635 - 1.57	8.763	7.010	.381 - .762	8.915	7.849	.254 - .508
8.052	2.896	.127 - .254	8.255	3.566	1.02 - 1.52	8.433	5.410	.127 - .203	8.636	5.918	1.27 - 1.52	8.763	7.036	.127 - .254	8.941	.787	.254 - .508
8.052	3.353	.127 - .254	8.255	3.607	.203 - .457	8.433	5.994	.127 - .762	8.636	6.096	.762 - 1.27	8.788	1.168	.635 - 1.02	8.941	2.286	.254 - .381
8.052	3.759	1.27 - 1.78	8.255	4.166	.381 - .762	8.458	3.124	.508 - 2.00	8.636	6.528	.254 - .508	8.788	2.134	.762 - 1.27	8.941	3.277	.508 - .762
8.052	5.207	.254 - .508	8.255	4.293	.127 - .254	8.458	4.394	.813 - 1.22	8.636	7.188	.381 - .635	8.788	2.946	.127 - .254	8.941	4.242	.762 - 1.27
8.052	5.817	.127 - .254	8.255	5.080	.127 - 1.27	8.458	4.445	.508 - 1.27	8.661	1.321	.635 - 1.02	8.788	3.251	1.27 - 1.78	8.941	4.267	.203 - .508
8.052	6.096	.635 - .889	8.255	5.969	.127 - .254	8.458	5.385	.508 - 9.14	8.661	1.549	.127 - .254	8.788	3.632	1.02 - 1.52	8.941	4.674	.381 - .762
8.052	7.137	.127 - .254	8.255	5.994	.635 - 1.02	8.458	5.715	.254 - .508	8.661	2.286	1.52 - 2.00	8.788	3.785	1.91 - 2.30	8.941	4.851	.889 - 1.27
8.077	3.175	.254 - .508	8.255	6.198	.381 - .635	8.458	6.528	.381 - .635	8.661	2.362	.508 - 1.02	8.788	3.861	.127 - .254	8.941	5.994	.762 - 1.27
8.077	3.353	.254 - .508	8.255	6.452	.381 - .635	8.484	.991	.381 - .635	8.661	3.048	.127 - .254	8.788	4.013	.127 - .635	8.941	6.096	1.02 - 1.52
8.077	3.632	.203 - .508	8.280	3.505	.127 - .254	8.484	1.016	.127 - .254	8.661	3.327	1.78 - 2.30	8.788	4.140	.152 - .381	8.941	6.452	.127 - .254
8.077	4.851	.254 - .508	8.280	3.810	.762 - 1.27	8.484	1.168	.127 - .254	8.661	3.581	2.00 - 2.30	8.788	4.216	.127 - .254	8.941	6.477	.762 - 1.27
8.077	5.029	.762 - 1.52	8.280	4.572	.127 - .254	8.484	3.099	.127 - .254	8.661	4.013	.635 - 1.02	8.788	4.369	1.02 - 2.30	8.941	6.680	.254 - .508
8.077	5.791	.203 - 4.06	8.280	4.597	.127 - .254	8.484	3.226	.127 - .254	8.661	4.089	.381 - .889	8.788	4.572	.127 - .254	8.966	1.575	.381 - .635
8.077	6.020	.127 - .254	8.280	4.801	1.27 - 1.78	8.484	4.064	.381 - .762	8.661	4.166	.254 - .635	8.788	4.978	.127 - .254	8.966	3.251	.508 - 1.02
8.103	3.566	.381 - .762	8.280	4.978	.127 - .254	8.484	4.978	.127 - .254	8.661	5.131	.381 - .762	8.788	5.258	.762 - 1.52	8.966	3.632	.508 - 1.91
8.103	3.708	.508 - .762	8.280	6.502	.127 - .254	8.484	5.004	.813 - 1.22	8.661	7.137	.635 - .889	8.788	5.486	.508 - .762	8.966	3.988	.381 - .762
8.103	4.521	.127 - .254	8.306	2.870	.635 - 1.07	8.484	5.588	.127 - 1.27	8.687	2.337	.127 - .508	8.788	5.563	.254 - .508	8.966	4.013	.127 - .762
8.103	5.791	.254 - .508	8.306	3.048	.635 - 1.02	8.484	5.740	.635 - 1.02	8.687	2.997	.813 - 1.22	8.788	6.426	.127 - .254	8.966	4.039	.762 - 1.27
8.128	1.549	.127 - .254	8.306	3.302	.762 - 1.27	8.484	6.147	.254 - .508	8.687	3.683	.127 - .203	8.788	7.341	.127 - .254	8.966	4.369	.635 - 1.02
8.128	1.702	.762 - 1.07	8.306	4.826	.762 - 1.27	8.484	6.553	.508 - .762	8.687	4.115	.762 - 1.27	8.814	3.988	.508 - .762	8.966	4.826	.381 - .762
8.128	1.981	.127 - .254	8.306	4.928	.254 - .508	8.484	6.604	.127 - .254	8.687	4.166	.381 - .762	8.814	4.420	.762 - 1.27	8.966	5.715	.813 - 1.27
8.128	2.134	.762 - 1.02	8.306	5.512	.762 - 1.27	8.484	6.985	.127 - .254	8.687	4.902	.127 - 1.27	8.814	5.156	.635 - 1.02	8.966	5.740	.508 - 1.07
8.128	2.362	1.07 - 1.52	8.306	6.350	1.27 - 1.52	8.484	7.493	.254 - .381	8.687	5.029	.381 - 1.762	8.814	5.588	.381 - .762	8.966	5.893	.508 - 1.02
8.128	2.870	.127 - .254	8.306	6.553	.254 - .635	8.509	.864	.254 - .508	8.687	5.105	.635 - 1.02	8.814	5.944	1.02 - 1.52	8.966	6.020	.127 - .254
8.128	3.099	.381 - .762	8.306	6.655	.127 - .254	8.509	3.277	.381 - .635	8.687	5.232	.381 - .762	8.814	6.426	.406 - .635	8.966	6.147	.381 - .635
8.128	3.150	.127 - .254	8.331	2.667	.127 - .254	8.509	4.039	1.52 - 1.91	8.687	5.385	.381 - .635	8.814	6.502	.152 - .406	8.966	6.452	.127 - .254
8.128	3.327	.127 - .254	8.331	4.115	1.02 - 1.52	8.509	4.293	.381 - .762	8.687	6.477	.508 - .762	8.814	6.680	.127 - .254	8.966	7.137	.127 - .254
8.128	3.683	.635 - 1.07	8.331	4.445	.762 - 1.27	8.509	4.369	.254 - .508	8.712	2.210	.762 - 1.27	8.814	7.290	.127 - .254	8.992	1.219	.127 - .254
8.128	3.708	.381 - .762	8.331	4.496	.127 - .254	8.509	4.978	.635 - 1.02	8.712	2.235	1.52 - 1.91	8.839	4.267	.508 - 1.02	8.992	1.321	.762 - 1.27
8.128	3.785	.127 - .254	8.331	4.547	.381 - .762	8.509	5.080	.508 - 1.02	8.712	2.337	.127 - .254	8.839	4.369	.127 - .254	8.992	1.549	.381 - .635
8.128	4.318	.381 - .635	8.331	4.877	.762 - 1.27	8.509	5.182	.127 - 1.02	8.712	2.388	.635 - 1.02	8.839	4.394	.254 - 1.07	8.992	1.778	.381 - .635
8.128	4.521	.254 - .508	8.331	5.004	.635 - 1.02	8.509	5.461	.762 - 1.27	8.712	2.464	.254 - .508	8.839	4.420	.127 - .254	8.992	2.515	.254 - .508
8.128	4.623	1.27 - 1.78	8.331	5.080	.127 - .381	8.509	5.969	.254 - .508	8.712	2.794	.635 - 1.02	8.839	5.715	.635 - 1.07	8.992	3.175	.127 - 1.78
8.128	5.588	1.02 - 1.27	8.331	5.436	.254 - .813	8.509	6.528	.254 - .762	8.712	2.946	.381 - 1.762	8.865	3.124	.254 - .508	8.992	3.251	.635 - 1.02
8.128	5.613	1.27 - 1.57	8.331	5.563	.762 - 1.27	8.509	6.553	.127 - .254	8.712	3.404	1.78 - 4.06	8.865	4.470	.254 - .381	8.992	3.658	.762 - 1.27
8.153	1.575	.127 - .254	8.331	5.639	.254 - .635	8.509	6.579	.127 - .381	8.712	3.505	1.02 - 1.52	8.865	4.851	.889 - 1.27	8.992	3.683	.508 - 1.02
8.153	1.956	.508 - .762	8.331	5.715	.127 - 1.02	8.534	1.219	.127 - .254	8.712	4.089	.127 - .203	8.865	4.877	.381 - .762	8.992	3.734	.508 - .889
8.153	3.429	.508 - .889	8.331	6.223	.178 - .406	8.534	2.972	1.02 - 1.52	8.712	4.242	.254 - .508	8.865	5.004	.508 - .762	8.992	4.089	.254 - .508
8.153	3.734	.254 - .508	8.331	6.401	.508 - .787	8.534	2.997	1.02 - 1.52	8.712	4.902	.127 - 1.52	8.865	5.588	.381 - .762	8.992	4.115	.254 - .508
8.153	5.156	.127 - .254	8.331	6.426	.127 - .254	8.534	3.505	.813 - 1.22	8.712	4.928	1.52 - 1.98	8.865	6.401	.381 - .762	8.992	5.182	1.02 - 1.52
8.153	5.740	.254 - .508	8.331	6.502	.254 - .508	8.534	4.851	.762 - 1.27	8.712	4.953	.152 - 1.78	8.865	7.239	.508 - .762	8.992	5.740	.127 - .254
8.153	6.426	.508 - .762	8.331	6.604	.508 - 1.02	8.534	5.004	.127 - .254	8.712	4.978	.254 - .508	8.865	7.366	.127 - .254	8.992	6.045	.127 - 1.02
8.179	1.270	.127 - .254	8.331	6.934	.127 - .254	8.534	5.537	.127 - .254	8.712	5.004	.635 - 1.02	8.865	7.544	.127 - .254	8.992	6.223	.127 - .254
8.179	3.251	.254 - .508	8.357	.762	.254 - .508	8.534	5.842	.254 - .508	8.712	5.512	1.02 - 1.27	8.890	1.524	.127 - .254	9.017	1.778	.381 - .762
8.179	3.683	.381 - .762	8.357	2.540	.635 - 1.02	8.534	6.528	.508 - 1.02	8.712	5.563	.813 - 1.27	8.890	2.261	.127 - .254	9.017	2.108	.762 - 1.27
8.179	5.232	.127 - .254	8.357	2.743	.127 - .254	8.534	6.858	.127 - .254	8.712	5.715	.508 - .762	8.890	2.286	.127 - .254	9.017	2.616	1.78 - 2.00
8.179	5.690	.254 - .508	8.357	2.819	.254 - .508	8.534	6.985	.127 - .254	8.712	5.817	.127 - .254	8.890	3.073	.254 - .508	9.017	3.327	1.27 - 1.98
8.179	5.791	.635 - 1.02	8.357	5.232	.127 - .254	8.534	7.772	.127 - .254	8.712	5.842	.635 - .889	8.890	3.099	.127 - .254	9.017	4.013	.635 - 1.07

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
9.068	4.851	1.52 - 2.00	9.271	2.489	.508 - 1.02	9.398	.864	.508 - .635	9.449	6.452	.254 - 1.52	9.525	3.048	.762 - 1.52	9.550	3.962	.254 - .508
9.068	4.953	1.52 - 2.00	9.271	4.521	.127 - .254	9.398	2.235	.254 - .635	9.449	6.477	.127 - .254	9.525	3.124	.762 - 1.91	9.550	3.988	.254 - 2.30
9.068	6.604	1.02 - 1.27	9.271	4.801	.178 - .381	9.398	2.565	.127 - .508	9.449	6.502	.127 - .381	9.525	3.175	.254 - 1.78	9.550	4.013	1.27 - 1.78
9.068	7.696	.254 - .508	9.271	5.080	.127 - .254	9.398	2.794	.635 - 1.02	9.449	6.528	.508 - .762	9.525	3.200	.254 - .508	9.550	4.039	1.27 - 1.91
9.068	8.077	.127 - .254	9.271	5.105	.762 - 1.02	9.398	3.023	.127 - .254	9.449	6.553	1.02 - 1.27	9.525	3.277	.254 - .914	9.550	4.089	.127 - .254
9.093	3.200	.635 - 1.02	9.271	5.283	.508 - 1.02	9.398	3.175	.127 - 1.52	9.449	6.909	.127 - .254	9.525	3.353	2.00 - 2.30	9.550	4.293	.127 - .254
9.093	3.226	.381 - .635	9.271	5.385	1.27 - 1.78	9.398	3.200	.127 - .254	9.449	7.061	.635 - 1.07	9.525	3.378	1.27 - 1.57	9.550	4.369	.127 - 1.52
9.093	4.318	.152 - .254	9.271	5.740	.127 - .254	9.398	3.556	.254 - 1.07	9.449	7.899	.381 - .762	9.525	3.429	.127 - .254	9.550	4.420	1.91 - 2.30
9.093	4.521	.762 - 1.27	9.271	6.274	1.27 - 1.78	9.398	3.708	.635 - 1.22	9.449	7.925	.127 - .889	9.525	3.632	1.91 - 2.30	9.550	4.496	.508 - .889
9.093	5.156	.127 - .254	9.271	6.350	.127 - .508	9.398	4.013	.254 - .508	9.449	8.001	.127 - .254	9.525	3.658	.127 - 1.02	9.550	4.623	.254 - .508
9.093	5.182	.508 - .762	9.271	6.426	.635 - 1.02	9.398	4.039	.889 - 1.52	9.474	.991	.635 - .889	9.525	3.683	.635 - 1.02	9.550	4.724	1.52 - 2.00
9.093	5.410	.127 - .254	9.271	6.452	.127 - .254	9.398	4.064	1.78 - 2.00	9.474	1.041	.254 - .508	9.525	3.734	.762 - 1.27	9.550	4.750	.762 - 1.27
9.093	6.045	.635 - 1.02	9.271	6.477	.381 - .635	9.398	4.343	.127 - .508	9.474	1.727	.381 - .762	9.525	3.759	.762 - 1.27	9.550	4.801	.127 - .254
9.093	6.401	.127 - .254	9.271	6.528	.381 - .762	9.398	4.394	.508 - 1.02	9.474	2.057	1.02 - 1.57	9.525	3.810	.508 - 2.70	9.550	4.826	.508 - 2.00
9.093	6.528	.254 - .508	9.271	6.731	1.07 - 1.57	9.398	4.572	.508 - .762	9.474	3.226	.127 - .381	9.525	3.861	2.00 - 2.54	9.550	4.851	1.02 - 1.52
9.119	1.753	.762 - 1.27	9.271	6.807	.127 - .254	9.398	4.801	.508 - 1.02	9.474	3.607	1.57 - 1.98	9.525	3.886	.127 - 1.27	9.550	4.928	.762 - 1.27
9.119	3.226	.635 - 1.02	9.271	6.858	.508 - 1.02	9.398	4.851	.127 - .254	9.474	3.988	.508 - 1.02	9.525	3.962	.127 - .305	9.550	4.978	.127 - .254
9.119	3.480	.254 - .508	9.271	7.798	.127 - .254	9.398	4.978	.254 - .508	9.474	4.039	.508 - 1.02	9.525	4.013	.127 - .254	9.550	5.004	.127 - .254
9.119	4.013	.254 - .508	9.271	7.925	.127 - .508	9.398	5.055	.381 - .635	9.474	4.191	.127 - .381	9.525	4.064	.254 - .508	9.550	5.182	.254 - .508
9.119	4.039	.508 - .889	9.271	8.001	.127 - .254	9.398	5.131	1.52 - 2.00	9.474	4.267	.254 - .508	9.525	4.089	.508 - 1.02	9.550	5.207	.127 - .254
9.119	4.826	.508 - 1.02	9.296	1.956	.127 - .254	9.398	5.207	.127 - .254	9.474	4.420	.127 - .254	9.525	4.115	1.52 - 2.54	9.550	5.512	1.02 - 1.52
9.119	4.953	.762 - 1.27	9.296	3.277	.381 - .635	9.398	5.232	.635 - 1.02	9.474	4.445	1.27 - 1.98	9.525	4.140	.127 - 1.52	9.550	5.588	.508 - .813
9.119	5.182	.254 - .635	9.296	4.013	.381 - .762	9.398	5.359	1.52 - 2.00	9.474	4.801	.762 - 1.27	9.525	4.191	1.07 - 1.57	9.550	5.639	.127 - .254
9.119	5.334	.635 - 1.07	9.296	4.826	1.02 - 1.52	9.398	5.385	1.02 - 1.27	9.474	4.851	.762 - 1.83	9.525	4.293	.381 - 1.27	9.550	5.664	.127 - 1.07
9.119	5.613	.635 - 1.02	9.296	5.232	.127 - .508	9.398	5.537	1.02 - 1.52	9.474	4.877	.254 - 1.52	9.525	4.369	.127 - 1.27	9.550	5.944	.762 - 1.27
9.119	6.528	.254 - .508	9.296	5.537	.406 - .813	9.398	5.588	.381 - .762	9.474	4.902	.127 - 1.52	9.525	4.394	.508 - .762	9.550	6.198	.813 - 1.27
9.119	6.553	.508 - 1.02	9.296	5.563	.381 - .762	9.398	6.401	.127 - .254	9.474	4.978	.127 - .254	9.525	4.445	.127 - .305	9.550	6.375	.508 - .813
9.119	6.604	.787 - 1.07	9.296	5.715	.508 - 1.02	9.398	6.452	.508 - 1.02	9.474	5.080	.127 - .254	9.525	4.496	1.52 - 1.91	9.550	6.401	1.02 - 2.17
9.119	6.782	.508 - .813	9.296	6.426	.127 - .381	9.398	6.502	.381 - .762	9.474	5.334	.127 - .254	9.525	4.572	1.52 - 2.00	9.550	6.452	.635 - 1.22
9.119	7.214	.254 - .508	9.296	6.452	.127 - .762	9.398	6.629	.127 - .254	9.474	5.639	.381 - .762	9.525	4.775	.127 - .762	9.550	6.477	1.02 - 1.52
9.119	7.442	.127 - .381	9.296	6.807	.762 - 1.27	9.398	6.833	1.02 - 1.52	9.474	6.045	.762 - 1.27	9.525	4.801	2.00 - 2.60	9.550	6.604	.127 - .813
9.144	.965	.127 - .254	9.296	6.909	.635 - .889	9.398	7.620	.508 - .762	9.474	6.426	1.02 - 1.52	9.525	4.826	2.00 - 2.60	9.550	6.629	.254 - .508
9.144	2.032	.127 - .254	9.296	6.960	.254 - .508	9.398	8.382	.127 - .254	9.474	6.502	1.07 - 1.52	9.525	4.851	1.02 - 2.30	9.550	6.680	.127 - .508
9.144	2.413	.127 - .254	9.296	7.468	.127 - .305	9.423	2.515	.635 - 1.02	9.474	6.833	.127 - .254	9.525	4.877	.127 - 2.30	9.550	6.833	.127 - .254
9.144	2.591	.381 - .762	9.296	7.747	.406 - .635	9.423	3.277	1.27 - 1.78	9.474	8.052	.254 - .508	9.525	4.902	.127 - .381	9.550	6.883	.254 - 1.02
9.144	3.454	.127 - .508	9.296	7.925	.381 - .635	9.423	3.302	1.27 - 1.91	9.474	8.077	.127 - .254	9.525	4.928	1.02 - 1.52	9.550	7.010	1.02 - 1.52
9.144	4.166	.508 - .813	9.322	2.489	.762 - 1.27	9.423	3.327	.508 - .762	9.500	1.245	.127 - .254	9.525	4.953	.127 - 1.07	9.550	7.645	.127 - .254
9.144	4.343	.635 - 1.02	9.322	2.667	.381 - .635	9.423	3.810	.127 - .254	9.500	2.108	.914 - 1.27	9.525	4.978	.127 - 1.52	9.550	8.026	.127 - .254
9.144	4.445	.127 - .508	9.322	3.175	2.30 - 3.00	9.423	4.470	.127 - .254	9.500	2.515	.127 - .254	9.525	5.080	1.02 - 1.52	9.576	.787	.127 - .254
9.144	4.496	1.27 - 1.78	9.322	4.470	1.27 - 1.57	9.423	4.674	.254 - .508	9.500	3.048	1.02 - 1.52	9.525	5.131	.254 - .813	9.576	.889	.381 - .635
9.144	4.699	.127 - .254	9.322	4.724	.127 - .254	9.423	4.953	1.27 - 1.78	9.500	3.302	.254 - .508	9.525	5.156	.381 - 1.52	9.576	1.194	.762 - 1.07
9.144	4.724	1.02 - 1.52	9.322	6.553	1.27 - 1.52	9.423	5.105	1.02 - 1.52	9.500	3.505	.127 - .381	9.525	5.182	1.52 - 2.00	9.576	1.727	.762 - 1.07
9.144	4.775	.381 - .762	9.322	6.604	.381 - .762	9.423	5.232	1.52 - 2.10	9.500	3.785	.254 - .381	9.525	5.207	.203 - .381	9.576	1.803	.127 - .254
9.144	4.826	.762 - 1.27	9.322	6.706	.127 - .254	9.423	5.639	.762 - 1.27	9.500	3.988	.635 - 1.02	9.525	5.309	.635 - 1.57	9.576	2.540	.381 - .762
9.144	4.877	1.52 - 2.30	9.322	6.909	.508 - 1.02	9.423	5.918	.127 - .254	9.500	4.267	.635 - 1.02	9.525	5.359	.254 - .508	9.576	2.565	.508 - .762
9.144	4.902	.127 - .381	9.322	6.934	.127 - .254	9.423	6.223	1.27 - 1.91	9.500	4.369	1.02 - 1.52	9.525	5.410	.381 - .635	9.576	2.794	.508 - .762
9.144	5.156	.762 - 1.07	9.347	1.549	.127 - .254	9.423	6.350	.127 - .813	9.500	4.394	1.02 - 1.52	9.525	5.537	1.52 - 2.00	9.576	2.896	.508 - 1.02
9.144	5.258	1.27 - 1.57	9.347	1.600	.127 - .254	9.423	6.401	.889 - 1.27	9.500	4.445	1.02 - 1.52	9.525	5.588	.127 - .254	9.576	2.921	.127 - .254
9.144	5.842	.254 - .508	9.347	2.032	.508 - .762	9.423	6.426										

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
9.601	4.064	.254 - .508	9.703	3.353	.635 - 1.02	9.906	5.105	1.78 - 2.30	10.03	4.420	.381 - .762	10.16	4.877	.127 - 1.52	10.29	4.445	1.02 - 1.52
9.601	4.166	.254 - .762	9.703	4.140	.762 - 1.27	9.906	5.512	.381 - .762	10.03	4.445	2.30 - 2.70	10.16	5.029	.381 - 1.27	10.29	4.674	.127 - .254
9.601	4.343	.813 - 1.27	9.703	4.445	.381 - .762	9.906	5.969	1.27 - 2.00	10.03	4.724	1.78 - 2.30	10.16	5.080	.381 - .635	10.29	5.105	.127 - .254
9.601	4.521	.127 - .254	9.703	4.801	1.27 - 1.83	9.906	5.994	.127 - 2.00	10.03	4.851	.635 - 2.40	10.16	5.131	.127 - .254	10.29	5.131	.508 - 1.83
9.601	5.080	.254 - .508	9.703	4.953	.127 - .254	9.906	6.121	1.52 - 2.00	10.03	4.953	.127 - .254	10.16	5.156	.127 - .254	10.29	5.182	1.27 - 1.52
9.601	5.131	.381 - .762	9.703	5.182	.127 - .254	9.906	6.502	.127 - .254	10.03	5.080	.127 - .254	10.16	5.232	1.27 - 1.78	10.29	6.172	.254 - .381
9.601	6.198	.127 - .254	9.703	5.258	.762 - 1.27	9.906	6.528	.381 - .762	10.03	5.334	.635 - 1.02	10.16	5.334	.127 - .508	10.29	6.350	.508 - .762
9.601	6.375	.508 - .762	9.703	5.715	.762 - 1.27	9.906	6.553	.127 - .254	10.03	5.563	.254 - .508	10.16	5.486	.127 - .254	10.29	6.401	.762 - 1.27
9.601	6.401	.254 - 1.52	9.703	6.401	.381 - .635	9.906	6.604	.127 - .508	10.03	5.588	.381 - .889	10.16	5.715	1.27 - 1.78	10.29	6.426	.635 - 1.02
9.601	6.477	.381 - .635	9.703	7.620	1.22 - 1.57	9.906	6.655	1.02 - 1.52	10.03	5.715	.254 - .808	10.16	6.096	.381 - .508	10.29	6.528	.127 - 1.02
9.601	6.553	.508 - .762	9.703	8.331	.381 - .635	9.906	6.756	.635 - 1.02	10.03	5.994	1.02 - 1.52	10.16	6.401	.127 - .254	10.29	6.629	.254 - .508
9.601	6.604	.127 - .254	9.728	2.515	.762 - 1.27	9.906	7.214	.127 - .254	10.03	6.172	.127 - .381	10.16	6.452	.254 - .508	10.29	7.010	.635 - 1.22
9.601	6.833	.203 - .406	9.728	2.921	.381 - .762	9.906	7.772	.127 - .254	10.03	6.248	.381 - .762	10.16	6.477	.127 - .762	10.29	7.087	1.27 - 1.52
9.601	7.341	.305 - .635	9.728	3.937	.762 - 1.27	9.906	7.976	.635 - 1.02	10.03	6.299	1.52 - 1.91	10.16	6.604	.127 - .254	10.29	7.696	.381 - .635
9.601	7.417	.127 - .254	9.754	3.226	.508 - .762	9.931	2.667	.127 - .254	10.03	6.375	.508 - .762	10.16	6.807	.762 - 1.27	10.31	2.388	.127 - .254
9.627	3.632	1.27 - 1.78	9.754	3.658	.762 - 1.27	9.931	3.353	3.00 - 4.00	10.03	7.036	1.02 - 1.27	10.16	6.934	.635 - 1.02	10.31	3.048	.813 - 1.22
9.627	4.115	.381 - .889	9.754	4.039	.762 - 1.27	9.931	4.140	1.02 - 1.52	10.03	7.112	1.02 - 1.52	10.16	7.264	.762 - 1.02	10.31	3.150	.508 - 1.02
9.627	4.140	.508 - .889	9.754	5.436	.762 - 1.27	9.931	4.496	1.02 - 1.52	10.03	7.214	.127 - 1.22	10.16	7.315	.381 - .762	10.31	3.226	.635 - 1.02
9.627	4.166	1.02 - 1.78	9.754	6.045	.508 - .762	9.931	5.004	.381 - .762	10.03	7.468	.914 - 1.27	10.16	7.976	.635 - 1.02	10.31	3.251	.381 - .762
9.627	4.394	.127 - .254	9.754	6.883	.381 - .508	9.931	5.740	.254 - .508	10.03	8.179	.127 - .254	10.16	8.814	.127 - .254	10.31	3.556	.635 - 1.07
9.627	5.029	.127 - .254	9.754	7.239	.381 - .762	9.931	6.147	.127 - .254	10.03	8.585	.127 - .254	10.16	9.144	.127 - .254	10.31	3.937	1.27 - 1.91
9.627	5.080	.127 - .254	9.779	3.962	.508 - .813	9.931	7.239	.508 - .889	10.06	1.397	.254 - .508	10.19	2.591	.127 - .254	10.31	4.089	1.27 - 1.91
9.627	5.613	.127 - .254	9.779	4.775	.635 - 1.02	9.931	7.772	.127 - .254	10.06	4.928	.254 - .381	10.19	3.073	.762 - 1.27	10.31	4.318	.254 - .635
9.627	6.350	.127 - .254	9.779	4.928	1.52 - 2.00	9.931	7.976	.381 - .508	10.06	5.156	.508 - 1.02	10.19	3.175	.762 - 2.70	10.31	4.343	1.22 - 1.83
9.627	6.401	.127 - .254	9.779	6.121	.762 - 1.78	9.957	3.277	.635 - 1.02	10.06	5.613	.127 - .381	10.19	3.251	.635 - 1.02	10.31	4.801	.305 - .508
9.627	6.528	1.02 - 1.57	9.779	6.325	.635 - 1.22	9.957	4.826	.127 - .254	10.06	6.579	.762 - 1.27	10.19	3.302	.127 - .254	10.31	4.826	.127 - .254
9.627	7.544	.762 - 1.07	9.779	6.401	.127 - .305	9.957	5.258	.381 - .762	10.06	6.604	.762 - 1.27	10.19	4.191	.127 - .254	10.31	5.105	1.27 - 1.78
9.652	2.362	.381 - .762	9.779	6.604	.127 - .254	9.957	5.563	.127 - .254	10.06	7.036	.508 - 1.02	10.19	4.293	.787 - 1.22	10.31	5.156	.127 - .254
9.652	2.413	.381 - .762	9.779	6.655	1.27 - 1.52	9.957	7.112	.889 - 1.27	10.06	7.061	.508 - 1.02	10.19	4.343	.127 - .254	10.31	5.182	.762 - 1.27
9.652	2.438	1.52 - 2.00	9.779	7.366	.254 - .508	9.957	8.331	.127 - .254	10.06	7.239	.635 - 1.07	10.19	5.131	.508 - 1.52	10.31	5.309	.762 - 1.27
9.652	2.464	1.02 - 1.52	9.804	3.073	.762 - 1.27	9.957	8.560	.127 - .254	10.06	8.077	.127 - .254	10.19	5.563	.508 - 1.02	10.31	5.537	.635 - 1.02
9.652	2.946	.127 - .254	9.804	3.302	.508 - .762	9.982	1.067	.127 - .254	10.06	8.458	.127 - .762	10.19	5.613	1.52 - 1.91	10.31	5.588	.635 - 1.07
9.652	3.200	.762 - 1.27	9.804	3.581	.254 - .508	9.982	2.616	.254 - .508	10.06	8.585	.127 - .203	10.19	6.020	.889 - 1.27	10.31	5.613	.254 - .508
9.652	3.759	.635 - 1.02	9.804	4.115	1.27 - 1.57	9.982	2.819	.635 - 1.02	10.08	.635	.127 - .254	10.19	6.121	.762 - 1.27	10.31	5.690	.127 - .254
9.652	3.785	2.00 - 2.54	9.804	4.597	1.02 - 1.52	9.982	3.048	.127 - .254	10.08	.813	.127 - .254	10.19	6.375	.635 - 1.02	10.31	6.147	1.57 - 2.00
9.652	4.115	1.02 - 1.52	9.804	5.715	.508 - 1.02	9.982	4.013	.127 - .508	10.08	2.667	.203 - .406	10.19	6.553	.381 - .635	10.31	6.350	.508 - .889
9.652	4.394	.127 - .254	9.804	6.020	1.02 - 1.27	9.982	4.978	1.02 - 1.27	10.08	2.769	.127 - .381	10.19	6.680	.127 - .254	10.31	6.401	1.27 - 1.78
9.652	4.445	.381 - 2.30	9.804	6.350	.381 - 1.02	9.982	5.105	.762 - 1.27	10.08	3.886	.635 - 1.02	10.19	7.569	.127 - .254	10.31	6.528	.635 - 1.07
9.652	4.572	.127 - .254	9.804	7.645	.508 - 1.02	9.982	5.309	.127 - .254	10.08	4.470	.127 - .254	10.19	8.331	.127 - .762	10.31	6.604	.127 - .254
9.652	4.724	.381 - 1.02	9.804	7.950	.508 - .762	9.982	5.436	.127 - .254	10.08	4.648	.254 - .508	10.21	2.515	.381 - .635	10.31	6.655	.635 - 1.02
9.652	4.826	.127 - .254	9.830	2.311	.762 - 1.27	9.982	5.842	.635 - 1.02	10.08	4.978	.254 - .381	10.21	3.683	.381 - 1.52	10.31	6.706	.914 - 1.27
9.652	4.851	.508 - 1.02	9.830	2.997	.508 - .762	9.982	6.020	.127 - .254	10.08	5.385	.127 - .381	10.21	3.988	.127 - .254	10.31	6.833	.127 - .254
9.652	4.877	.127 - .254	9.830	4.343	1.52 - 2.30	9.982	6.071	.127 - .254	10.08	5.867	.127 - .254	10.21	4.115	1.52 - 2.00	10.31	7.010	1.07 - 1.57
9.652	4.928	.127 - .254	9.830	4.801	.813 - 1.22	9.982	6.096	.127 - 1.27	10.08	6.350	.127 - 2.54	10.21	4.902	.381 - .635	10.31	7.061	.127 - .254
9.652	4.953	.127 - .635	9.830	6.553	.508 - 1.02	9.982	6.502	.508 - 1.02	10.08	6.477	1.78 - 2.30	10.21	5.969	1.27 - 1.78	10.31	7.214	.508 - 1.02
9.652	5.182	.305 - .635	9.830	7.112	.127 - .254	9.982	7.036	.127 - .254	10.08	6.782	.508 - 1.02	10.21	6.502	.762 - 1.27	10.31	7.722	.127 - .254
9.652	5.461	.762 - 1.27	9.830	8.077	.203 - .508	9.982	7.087	.127 - .254	10.08	7.112	1.02 - 1.27	10.21	6.858	1.02 - 1.52	10.34	1.600	.127 - .254
9.652	5.740	.127 - .254	9.830	8.331	.254 - .508	9.982	7.239	.254 - .508	10.08	7.569	.381 - 1.762	10.21	7.137	1.22 - 1.57	10.34	4.445	.127 - .254
9.652	6.477	.127 - .254	9.855	2.286	.381 - .635	9.982	7.290	.127 - .381	10.08	8.001	.813 - 1.07	10.21	7.620	.381 - .762	10.34	5.258	.127 - .381
9.652	6.655	.127 - .254	9.855	3.266	.203 - .508	9.982	7.976	.635 - .889	10.08	8.128	.508 - 1.02	10.21	9.119	.127 - .254	10.34	5.715	.508 - 1.02
9.652	6.706	.635 - 1.02	9.855	3.454	.127 - .254	9.982	8.001	.127 - .254	10.08	8.255	.381 - .635	10.24	3.658	.127 - .254	10.34	6.020	.508 - 1.02
9.652	7.010	.127 - .254	9.855	4.343	1.91 - 2.30	9.982	8.230	.254 - .508	10.11	2.972	.508 - .889	10.24	4.801	.635 - .914	10.34	6.426	.254 - .381
9.652	7.036	.254 - .508	9.855	5.207	.635 - 1.02	9.855	5.359	.127 - .254	10.11								

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
10.41	6.452	.127 - .254	10.67	3.277	.508 - .762	10.82	5.563	.127 - .254	10.97	3.048	.381 - .762	11.05	6.350	.381 - .762	11.10	6.579	1.27 - 1.78
10.41	6.502	.762 - 1.07	10.67	4.318	.381 - .762	10.82	5.715	.254 - .508	10.97	3.099	.762 - 1.27	11.05	6.401	.381 - .762	11.10	6.604	.254 - .635
10.41	6.629	.127 - .254	10.67	4.547	.127 - .254	10.82	5.944	.635 - 1.02	10.97	3.175	.813 - 1.57	11.05	6.452	.127 - .203	11.10	6.629	.127 - .254
10.41	7.620	.127 - .254	10.67	4.902	.127 - .254	10.82	6.502	1.02 - 1.52	10.97	3.302	.254 - .508	11.05	6.528	.635 - 1.02	11.10	6.655	.762 - 1.07
10.41	7.772	.381 - .762	10.67	5.182	.762 - 1.27	10.82	6.528	1.27 - 1.91	10.97	3.378	1.27 - 2.30	11.05	6.629	.635 - 1.14	11.10	6.731	.127 - .305
10.41	7.976	.127 - .254	10.67	5.944	.127 - .254	10.82	6.858	1.27 - 1.78	10.97	3.429	1.02 - 1.52	11.05	6.782	.254 - .508	11.10	6.985	.508 - 1.02
10.41	8.052	.508 - .889	10.67	6.045	.508 - .762	10.82	6.909	.127 - .254	10.97	5.055	.127 - .254	11.05	6.807	.254 - .508	11.10	7.137	1.07 - 1.57
10.41	9.093	.508 - .762	10.67	6.121	.127 - .254	10.82	7.976	.127 - .254	10.97	6.604	2.00 - 2.54	11.05	7.214	1.02 - 1.83	11.10	7.214	.381 - .762
10.44	2.311	.127 - .254	10.67	6.375	.762 - 1.02	10.82	8.128	.254 - .508	10.97	6.680	.381 - .635	11.05	7.366	.635 - 1.27	11.10	7.290	.254 - .508
10.44	2.413	.127 - .254	10.67	6.452	.152 - .305	10.82	8.763	.254 - .508	10.97	7.544	.127 - .254	11.05	7.518	.127 - .254	11.10	7.671	.127 - .305
10.44	3.226	.508 - 1.02	10.67	6.553	.127 - .254	10.85	2.718	.254 - .508	10.97	7.950	.508 - 1.22	11.05	7.747	.127 - .254	11.10	7.925	.127 - .254
10.44	5.715	.127 - .254	10.67	7.087	.127 - .406	10.85	3.404	.762 - 1.27	10.97	8.001	.127 - .254	11.05	8.153	.762 - 1.27	11.10	8.026	.254 - .381
10.44	6.553	.508 - 1.27	10.67	7.112	.254 - .635	10.85	5.410	.762 - 1.27	10.97	8.026	1.02 - 1.52	11.05	8.306	.762 - 1.27	11.10	8.153	.508 - 1.02
10.44	7.417	.254 - .508	10.67	7.899	.127 - .254	10.85	5.842	.254 - .508	10.97	8.052	.127 - .254	11.05	9.652	.254 - .508	11.10	8.255	.127 - .254
10.44	7.874	.254 - .508	10.67	7.976	.762 - 1.27	10.85	5.918	1.27 - 1.78	10.97	8.103	.762 - 1.27	11.07	4.775	1.78 - 2.30	11.10	8.331	.508 - .762
10.44	7.976	.762 - 1.27	10.67	8.103	.127 - .254	10.85	6.604	.127 - .254	10.97	9.042	.381 - .635	11.07	5.740	.254 - .635	11.10	8.357	1.02 - 1.52
10.44	8.001	.127 - .508	10.69	1.473	.127 - .254	10.85	6.731	.381 - .762	10.97	9.246	.127 - .254	11.07	6.121	.635 - .889	11.10	8.712	.127 - 1.52
10.46	3.454	.178 - .381	10.69	3.073	.127 - .254	10.85	7.087	1.02 - 1.52	11.00	1.067	.787 - 1.22	11.07	6.375	2.00 - 2.54	11.10	9.271	.127 - .254
10.46	4.089	.762 - 1.27	10.69	4.521	.508 - 1.02	10.85	8.255	.381 - .762	11.00	1.321	.381 - .762	11.07	6.426	.762 - 1.27	11.10	9.550	.127 - .635
10.46	4.826	.127 - 1.78	10.69	5.182	.508 - 1.02	10.85	8.814	.127 - .254	11.00	1.372	.381 - .762	11.07	6.452	.254 - .508	11.10	9.652	.127 - .254
10.46	4.978	.127 - .381	10.69	5.309	.127 - .254	10.87	.864	.406 - .635	11.00	3.988	.762 - 1.27	11.07	6.502	.127 - .254	11.13	1.219	.127 - .254
10.46	5.359	.127 - .254	10.69	5.944	.635 - 1.02	10.87	2.565	.254 - .508	11.00	4.521	2.70 - 3.00	11.07	6.680	.127 - .254	11.13	1.473	.508 - .889
10.46	5.867	1.52 - 2.00	10.69	6.375	.381 - .762	10.87	3.353	.127 - .254	11.00	5.131	.381 - .762	11.07	7.087	.254 - .635	11.13	2.362	.127 - .254
10.46	5.994	.127 - .254	10.69	6.401	.127 - .254	10.87	3.632	1.27 - 1.78	11.00	5.156	.127 - .762	11.07	7.163	.635 - 1.91	11.13	2.388	.635 - 1.02
10.46	7.366	1.02 - 1.52	10.69	6.807	.635 - 1.02	10.87	4.547	2.30 - 2.70	11.00	5.588	.127 - .254	11.07	7.188	.254 - .508	11.13	3.023	.381 - .762
10.46	8.280	.254 - 1.02	10.69	7.087	.127 - .254	10.87	5.410	.508 - 1.02	11.00	5.690	.127 - .254	11.07	7.290	.127 - .381	11.13	3.175	.635 - 1.07
10.49	4.293	.127 - .254	10.69	7.112	.127 - .254	10.87	5.588	1.02 - 1.52	11.00	6.020	.762 - 1.27	11.07	7.976	.127 - .254	11.13	3.277	.381 - .762
10.49	4.750	.254 - .508	10.69	7.391	.127 - .254	10.87	6.121	.127 - .254	11.00	6.045	.127 - .254	11.07	8.026	.254 - 1.07	11.13	3.454	.254 - .381
10.49	5.385	.254 - .508	10.69	8.103	.508 - .762	10.87	7.595	.127 - .254	11.00	6.071	.127 - .254	11.07	8.077	.127 - .254	11.13	3.505	.127 - .254
10.49	5.639	1.07 - 1.83	10.69	8.179	.127 - .254	10.87	7.899	.635 - 1.02	11.00	6.172	.508 - 1.27	11.07	8.484	.381 - .762	11.13	3.734	.762 - 1.27
10.49	5.664	.127 - .254	10.72	.965	.508 - .914	10.87	8.026	.635 - 1.02	11.00	6.375	.254 - .762	11.07	9.525	.381 - .762	11.13	4.115	.762 - 1.52
10.49	5.817	.127 - .254	10.72	3.124	.127 - .254	10.87	8.077	.254 - .508	11.00	6.426	.203 - 1.78	11.07	9.601	.127 - .254	11.13	4.293	.127 - .254
10.49	8.103	.127 - .254	10.72	3.277	.254 - .635	10.90	3.429	.127 - .254	11.00	7.010	.508 - 1.02	11.07	10.08	.127 - .254	11.13	4.902	1.27 - 1.78
10.49	8.280	.127 - .254	10.72	3.302	.381 - .635	10.90	4.089	.508 - 1.02	11.00	8.001	.127 - .762	11.10	.991	.127 - .254	11.13	4.953	.762 - 1.02
10.49	9.627	.254 - .508	10.72	3.886	.127 - .254	10.90	4.081	.254 - .508	11.00	8.052	.127 - .254	11.10	2.438	.381 - .635	11.13	4.978	.127 - .508
10.52	2.057	.762 - 1.27	10.72	4.801	.635 - .889	10.90	5.055	.127 - .254	11.00	8.153	.889 - 1.27	11.10	3.048	1.02 - 1.52	11.13	5.029	.635 - .889
10.52	4.115	.762 - 1.27	10.72	7.163	1.02 - 1.52	10.90	6.528	.254 - .508	11.00	8.382	.127 - .254	11.10	3.175	.127 - .381	11.13	5.080	.127 - 2.30
10.52	5.385	2.00 - 2.54	10.72	8.509	.254 - .508	10.90	6.604	.381 - 1.52	11.00	8.814	.381 - .762	11.10	3.200	.635 - 1.27	11.13	5.105	.635 - 1.27
10.52	5.994	1.78 - 2.00	10.72	9.525	.127 - .254	10.92	2.819	.127 - .254	11.00	8.839	.762 - 1.02	11.10	3.226	.381 - 1.52	11.13	5.131	.508 - 1.02
10.52	6.401	.127 - 1.52	10.74	3.277	.127 - .254	10.92	2.921	.254 - .508	11.00	8.915	.381 - .762	11.10	3.251	.762 - 1.27	11.13	5.156	1.91 - 2.30
10.52	6.629	.127 - .254	10.74	3.886	.127 - .381	10.92	3.048	.127 - .305	11.02	1.092	.127 - .254	11.10	3.277	.254 - 1.07	11.13	5.207	1.78 - 2.30
10.52	7.036	.889 - 1.14	10.74	5.740	1.02 - 1.52	10.92	3.251	.813 - 1.07	11.02	2.007	.762 - 1.27	11.10	3.302	.635 - 1.07	11.13	5.232	.508 - .762
10.52	7.163	.508 - .762	10.74	6.350	.508 - .889	10.92	3.302	.762 - 1.27	11.02	2.388	1.02 - 1.52	11.10	3.378	1.27 - 1.57	11.13	5.258	.127 - .254
10.52	8.001	.254 - .508	10.74	6.452	.508 - .762	10.92	4.039	.508 - 1.02	11.02	2.616	1.02 - 1.52	11.10	3.581	1.22 - 1.83	11.13	5.334	1.07 - 1.52
10.54	2.337	1.02 - 1.52	10.74	6.833	1.52 - 1.98	10.92	4.089	.254 - .508	11.02	4.064	2.30 - 3.00	11.10	3.607	1.02 - 1.52	11.13	5.486	.127 - 2.54
10.54	4.547	1.02 - 1.78	10.74	6.858	1.52 - 2.00	10.92	4.445	.381 - .762	11.02	4.470	.508 - 1.02	11.10	3.632	1.02 - 1.52	11.13	5.893	.889 - 1.27
10.54	4.877	1.78 - 2.30	10.74	6.883	1.27 - 1.78	10.92	4.572	.508 - 1.02	11.02	4.978	.127 - .254	11.10	3.658	.635 - .889	11.13	5.994	.127 - .254
10.54	6.172	.203 - .508	10.74	7.061	.635 - 1.27	10.92	4.801	.762 - 1.27	11.02	5.029	.127 - .254	11.10	3.734	.508 - 1.02	11.13	6.274	.127 - .254
10.54	6.350	1.07 - 2.00	10.74	7.976	.254 - .508	10.92	4.8										

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
11.15	4.420	.127 - 1.27	11.25	8.534	1.02 - 1.52	11.43	5.664	.381 - .635	11.61	9.220	.127 - .254	11.84	3.226	.508 - 1.02	11.94	5.791	.254 - .508
11.15	4.699	2.30 - 2.70	11.28	4.191	.127 - .254	11.43	6.020	.762 - 1.27	11.61	10.34	.381 - .635	11.84	4.801	.508 - 1.02	11.94	6.071	.127 - .254
11.15	4.801	.254 - 1.91	11.28	4.978	.381 - .762	11.43	6.096	.127 - .254	11.63	4.369	1.52 - 2.30	11.84	4.851	.508 - 1.14	11.94	6.477	1.19 - 2.20
11.15	4.826	1.52 - 2.00	11.28	8.077	.762 - 1.27	11.43	6.375	.508 - 2.54	11.63	6.350	1.02 - 1.57	11.84	5.029	1.02 - 1.52	11.94	6.731	.813 - 1.22
11.15	4.877	.127 - .254	11.28	8.814	.508 - 1.02	11.43	6.401	.127 - .508	11.66	4.369	1.27 - 1.91	11.84	5.207	.508 - .762	11.94	6.883	.254 - .508
11.15	5.156	1.02 - 2.30	11.28	8.865	.127 - .254	11.43	6.452	.635 - 1.02	11.66	4.394	.127 - 1.27	11.84	5.334	.508 - .889	11.94	7.010	1.27 - 1.91
11.15	5.258	1.02 - 1.52	11.30	2.413	.762 - 1.27	11.43	6.502	.254 - .508	11.66	4.928	1.02 - 1.27	11.84	5.537	1.27 - 1.78	11.94	7.366	.381 - .762
11.15	6.375	1.52 - 2.00	11.30	2.946	1.27 - 1.78	11.43	6.604	.635 - 1.02	11.66	7.366	1.52 - 2.00	11.84	6.375	.635 - 1.02	11.94	7.925	.508 - .762
11.15	6.401	1.52 - 2.00	11.30	3.454	.254 - .508	11.43	6.706	1.27 - 1.78	11.66	7.925	1.02 - 1.52	11.84	6.579	2.00 - 2.54	11.94	8.026	.127 - .254
11.15	6.426	.254 - .635	11.30	3.607	1.02 - 1.27	11.43	7.112	1.27 - 1.91	11.66	8.560	1.02 - 1.52	11.84	6.706	.127 - .254	11.94	8.052	.127 - .254
11.15	6.604	.635 - 1.02	11.30	5.232	.889 - 1.27	11.43	7.366	2.00 - 2.54	11.66	8.814	.508 - .762	11.84	7.366	.508 - .762	11.94	8.103	.381 - .762
11.15	6.706	1.52 - 1.91	11.30	5.385	.127 - .254	11.43	7.417	.381 - .635	11.66	8.890	.508 - .762	11.84	7.442	.127 - .254	11.94	8.230	.508 - 1.02
11.15	7.010	.127 - .254	11.30	6.401	.381 - .635	11.43	7.493	.381 - .762	11.68	1.016	.254 - .508	11.84	8.103	.254 - .508	11.94	8.382	.508 - .762
11.15	8.001	.127 - .254	11.30	6.731	1.02 - 1.52	11.43	8.026	.127 - .762	11.68	3.632	.508 - 1.02	11.84	8.153	.127 - .254	11.94	8.585	.127 - .254
11.15	8.052	1.02 - 1.52	11.30	8.255	.254 - .508	11.43	8.052	.127 - .635	11.68	4.039	.127 - .254	11.84	8.738	.381 - .762	11.94	8.636	.127 - .305
11.18	.610	.127 - .254	11.30	8.407	.762 - 1.27	11.43	8.128	.127 - 1.52	11.68	4.928	.127 - .254	11.84	9.652	.127 - .254	11.94	8.661	1.27 - 1.91
11.18	1.321	.635 - 1.02	11.30	8.839	.508 - 1.02	11.43	8.890	.381 - .635	11.68	7.772	.127 - .254	11.86	2.616	.254 - .508	11.94	8.788	.254 - .508
11.18	2.286	.889 - 1.27	11.30	9.728	.127 - 1.02	11.43	9.347	.254 - .508	11.68	8.103	.508 - 1.02	11.86	4.801	1.91 - 2.70	11.94	8.890	.152 - .381
11.18	2.667	.127 - .254	11.30	9.779	.127 - .254	11.43	9.398	.381 - .762	11.68	9.601	.762 - 1.07	11.86	5.105	.381 - .762	11.94	9.144	.127 - .254
11.18	3.226	.254 - .508	11.30	9.906	.254 - .381	11.43	9.525	.635 - 1.07	11.68	9.652	.127 - .381	11.86	5.182	.127 - .254	11.94	9.373	.127 - .254
11.18	3.277	.762 - 1.27	11.30	10.13	.127 - .254	11.46	3.708	.508 - .762	11.71	2.311	.127 - .254	11.86	5.410	.381 - .762	11.94	9.474	.508 - .889
11.18	3.556	.635 - 1.02	11.33	1.245	.254 - .508	11.46	4.775	.508 - .762	11.71	5.461	1.14 - 1.52	11.86	5.537	.381 - .508	11.94	9.652	.762 - 1.02
11.18	4.013	.762 - 1.27	11.33	3.835	1.57 - 2.30	11.46	6.121	.635 - 1.02	11.71	8.484	.127 - .254	11.86	6.223	.635 - 1.02	11.94	9.754	.381 - .635
11.18	4.267	1.02 - 1.52	11.33	4.115	.127 - .254	11.46	6.782	.762 - 1.27	11.71	9.017	.381 - .635	11.86	6.375	1.27 - 1.83	11.94	10.62	.127 - .254
11.18	4.318	.635 - 1.27	11.33	4.343	1.02 - 1.52	11.46	6.960	.127 - .254	11.73	1.575	.762 - 1.27	11.86	6.604	.762 - 1.27	11.96	3.200	1.02 - 1.27
11.18	4.394	.127 - .254	11.33	5.004	.254 - .508	11.46	8.001	1.02 - 1.57	11.73	2.286	.635 - 1.07	11.86	7.468	.508 - .762	11.96	3.302	.762 - 2.00
11.18	4.826	2.54 - 3.00	11.33	5.283	1.27 - 1.78	11.46	8.052	.127 - .254	11.73	4.013	1.02 - 1.52	11.86	8.204	.127 - .381	11.96	3.785	.127 - .254
11.18	4.953	.889 - 1.27	11.33	6.502	.127 - .254	11.46	8.484	.508 - .762	11.73	4.191	.127 - .254	11.86	9.652	.127 - .254	11.96	4.318	.508 - .762
11.18	5.131	1.78 - 2.30	11.33	6.858	.127 - 1.02	11.46	8.738	.762 - 1.27	11.73	5.156	.254 - .762	11.86	9.703	.127 - .254	11.96	4.420	.127 - .254
11.18	5.334	.254 - .508	11.33	7.798	.762 - 1.27	11.46	8.966	.254 - .508	11.73	7.315	.127 - .254	11.86	10.67	.127 - .254	11.96	5.004	.762 - 1.02
11.18	5.359	.127 - .254	11.33	8.103	.813 - 1.52	11.46	9.601	.508 - .762	11.73	8.077	1.78 - 2.00	11.89	2.134	.254 - .635	11.96	5.156	2.90 - 3.00
11.18	5.512	1.78 - 2.30	11.33	8.255	1.13 - 1.52	11.46	10.03	.127 - .254	11.73	8.230	.127 - .254	11.89	3.251	.127 - .381	11.96	5.207	2.54 - 3.00
11.18	5.537	.127 - .508	11.35	3.226	.508 - 1.02	11.48	.914	.254 - .508	11.73	8.534	1.27 - 1.52	11.89	3.810	.762 - 1.27	11.96	5.232	.127 - .254
11.18	5.791	.381 - 1.02	11.35	4.928	.762 - 1.27	11.48	2.591	.381 - .762	11.73	9.576	.381 - .635	11.89	5.639	1.02 - 1.52	11.96	5.537	.127 - .254
11.18	6.020	1.27 - 1.91	11.35	5.131	.635 - 1.02	11.48	6.528	.254 - .508	11.76	1.854	.381 - .762	11.89	6.452	.254 - .381	11.96	5.639	.508 - .762
11.18	6.223	.127 - .254	11.35	5.664	.635 - 1.27	11.48	7.214	.127 - .254	11.76	4.216	.381 - .762	11.89	6.528	.127 - .254	11.96	5.664	1.02 - 1.27
11.18	6.350	.127 - .254	11.35	5.842	.635 - 1.02	11.48	8.331	1.02 - 1.52	11.76	4.775	1.52 - 2.00	11.89	6.579	.254 - 2.30	11.96	5.690	.508 - 1.02
11.18	6.401	.254 - .635	11.35	5.994	.127 - .254	11.51	5.994	.762 - 1.27	11.76	4.801	.635 - 1.02	11.89	6.629	.127 - .381	11.96	6.452	.127 - .254
11.18	6.426	.127 - .254	11.35	6.350	.508 - 1.02	11.51	6.172	.508 - .762	11.76	5.639	.635 - 1.02	11.89	7.290	.127 - .254	11.96	6.502	.889 - 1.27
11.18	6.604	.254 - 1.78	11.35	6.452	.254 - .508	11.51	6.985	.254 - .508	11.76	5.690	.254 - .508	11.89	7.925	1.27 - 1.78	11.96	6.579	.127 - .254
11.18	6.731	.127 - .254	11.35	6.858	.508 - .762	11.51	7.620	.762 - 1.27	11.76	6.223	.762 - 1.52	11.89	8.128	.127 - .254	11.96	7.290	.127 - .381
11.18	6.985	.508 - 1.14	11.35	7.950	.381 - .635	11.51	8.382	.787 - 1.22	11.76	6.553	1.27 - 1.91	11.89	8.153	.127 - 1.83	11.96	8.077	1.27 - 1.78
11.18	7.188	1.02 - 1.57	11.35	8.560	.127 - .254	11.51	8.992	1.02 - 1.52	11.76	6.680	1.52 - 1.91	11.89	9.906	.381 - .762	11.96	8.103	.254 - .508
11.18	7.722	.762 - 1.27	11.35	9.525	.508 - .914	11.51	9.601	.787 - 1.07	11.76	6.782	.762 - 1.27	11.89	10.16	.508 - 1.02	11.96	8.179	.127 - .254
11.18	7.976	1.02 - 1.52	11.35	9.652	.381 - .762	11.51	10.11	.254 - .508	11.76	6.858	.127 - .254	11.89	10.29	.127 - .254	11.96	8.839	.635 - 1.07
11.18	8.026	.508 - 1.27	11.38	2.388	.127 - .254	11.53	2.718	.127 - .254	11.76	7.315	.127 - .254	11.91	2.540	.508 - 1.02	11.96	9.601	.127 - .305
11.18	8.331	1.02 - 1.52	11.38	3.531	.762 - 1.02	11.53	3.454	.762 - 1.27	11.76	8.128	1.02 - 1.27	11.91	3.785	2.00 - 2.60	11.96	9.830	.127 - .254
11.18	9.017	.381 - .635	11.38	4.597	.152 - .305	11.53	4.902	1.78 - 2.30	11.76	8.153	.762 - 1.27	11.91	4.674	.127 - .254	11.99	2.464	.127 - .508
11.18	9.677	.254 - .508	11.38	4.801	.127 - .254	11.53	5.791	.127 - .254	11.76	8.179	.381 - .762	11.91	4.877	.127 - .762	11.99	2.515	.508 - 1.02
11.18	9.906	.127 - .254	11.38	4.851	.762 - 1.22	11.53	8.128	.635 - 1.02	11.76	8.458	.762 - 1.27	11.91	5.232	1.91 - 2.54	11.99	3.175	.127 - .254
11.20	1.067	.254 - .508	11.38	5.156	.381 - .762	11.53	9.042	.508 - .762	11.76	9.931	.508 - .762	11.91	5.791	.254 - .508	11.99	3.988	.127 - .254
11.20	2.362	.127 - .508	11.38	5.207	.762 - 1.52	11.53	9.906	.127 - .254	11.79	3.277	.127 - .254	11.91	6.452	.762 - 1.27	11.99	4.064	.254 - .508
11.20	3.632	.127 - .508	11.38	5.461	.508 - 1.02	11.53	10.69	.127 - .254	11.79	4.039	1.52 - 2.00	11.91	6.680	.762 - 1.27	11.99	4.191	.381 - .762
11.20	3.835	.762 - 1.27	11.38	5.664													

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
12.01	6.172	.254 - .508	12.19	4.318	.127 - .254	12.32	10.95	.127 - .254	12.47	6.452	1.27 - 1.91	12.57	3.632	2.54 - 3.00	12.62	6.401	.127 - .635
12.01	6.299	.508 - .762	12.19	4.877	.127 - .254	12.34	1.575	.762 - 1.27	12.47	6.502	1.02 - 1.52	12.57	4.013	.762 - 1.52	12.62	6.426	.127 - .254
12.01	6.655	.127 - .254	12.19	4.978	1.02 - 1.52	12.34	3.251	.381 - .762	12.47	6.731	2.30 - 2.70	12.57	4.115	1.22 - 1.91	12.62	6.452	.381 - 1.52
12.01	7.214	.762 - 1.27	12.19	5.461	.762 - 1.27	12.34	5.588	.635 - 1.02	12.47	6.756	.254 - .762	12.57	4.318	.127 - .254	12.62	6.579	.254 - 1.02
12.01	7.341	.762 - 1.27	12.19	6.020	1.02 - 1.52	12.34	5.690	1.02 - 1.52	12.47	6.782	.127 - .254	12.57	4.674	1.78 - 2.30	12.62	7.112	.381 - .762
12.01	8.001	.127 - .254	12.19	6.350	.127 - .254	12.34	5.842	.762 - 1.27	12.47	6.807	.127 - .254	12.57	4.826	.254 - .508	12.62	7.290	.127 - .381
12.01	8.052	.254 - .508	12.19	6.375	.762 - 1.27	12.34	6.604	.254 - .508	12.47	8.052	.254 - .508	12.57	4.851	.508 - .762	12.62	8.001	.127 - .305
12.01	8.077	.127 - .254	12.19	6.604	.381 - .762	12.34	8.001	.381 - .762	12.47	8.128	.254 - .508	12.57	4.953	.127 - .254	12.62	8.026	.889 - 1.27
12.01	8.103	.127 - .254	12.19	7.010	.254 - .508	12.34	8.306	.127 - 1.27	12.47	8.585	.762 - 1.27	12.57	5.080	.762 - 1.27	12.62	8.077	.381 - .762
12.01	8.128	.127 - .508	12.19	8.890	.508 - 1.02	12.34	9.017	.127 - .254	12.47	9.779	.381 - .762	12.57	5.156	1.27 - 1.78	12.62	8.103	.381 - .762
12.01	8.153	.127 - .254	12.19	8.992	.127 - .254	12.34	10.26	.254 - .508	12.47	9.982	.127 - .254	12.57	5.334	.635 - 1.02	12.62	8.230	.127 - .254
12.01	10.08	.127 - .762	12.19	9.347	.381 - .635	12.37	1.067	.635 - 1.07	12.50	3.150	2.80 - 3.00	12.57	5.461	.254 - .508	12.62	8.560	.127 - .254
12.04	3.200	.254 - .508	12.19	9.398	.381 - .762	12.37	1.803	.254 - .508	12.50	4.902	.762 - 1.27	12.57	5.664	1.27 - 1.78	12.62	8.738	1.57 - 1.91
12.04	6.045	.127 - .254	12.19	9.423	.508 - .762	12.37	3.048	.127 - .254	12.50	5.105	1.02 - 1.27	12.57	5.715	1.91 - 2.30	12.62	8.814	.127 - .762
12.04	6.604	.508 - 1.78	12.19	9.652	.127 - .254	12.37	5.715	.254 - .813	12.50	5.182	2.70 - 3.00	12.57	5.994	.254 - .508	12.62	10.31	.127 - .254
12.04	6.629	1.02 - 1.52	12.19	9.931	.127 - .254	12.37	5.918	1.02 - 1.52	12.50	6.350	.508 - 1.02	12.57	6.401	1.02 - 1.52	12.62	10.41	.508 - .762
12.04	7.061	.127 - .254	12.19	10.59	.127 - .254	12.37	6.502	.635 - 1.02	12.50	6.452	.762 - 1.52	12.57	7.163	1.07 - 1.83	12.62	11.10	.127 - .254
12.04	7.087	.127 - .254	12.22	2.261	.127 - .254	12.37	6.528	.254 - .508	12.50	6.477	.762 - 1.27	12.57	7.239	.381 - 1.02	12.62	11.23	.127 - .762
12.04	7.214	.127 - .254	12.22	3.200	.508 - 1.02	12.37	6.858	2.30 - 2.80	12.50	6.502	.254 - .508	12.57	7.264	.381 - 1.02	12.65	1.600	1.27 - 1.57
12.04	8.052	.127 - .381	12.22	4.089	.127 - .254	12.37	6.909	.127 - .254	12.50	6.604	1.78 - 2.30	12.57	7.569	.635 - 1.14	12.65	1.981	1.02 - 1.52
12.04	8.128	.762 - 1.27	12.22	4.775	.508 - .762	12.37	8.153	1.02 - 1.52	12.50	7.010	.127 - .254	12.57	7.874	.254 - .762	12.65	2.083	1.07 - 1.57
12.04	9.677	.127 - .305	12.22	6.223	.381 - .762	12.37	8.306	.762 - 1.02	12.50	7.137	.762 - 1.27	12.57	7.925	.127 - .254	12.65	2.438	.762 - 1.27
12.04	10.06	.381 - .635	12.22	6.274	.635 - 1.02	12.37	8.534	.635 - 1.02	12.50	7.366	.508 - .762	12.57	8.179	.508 - 1.02	12.65	3.099	.508 - 1.02
12.07	3.734	.508 - 1.02	12.22	6.502	.127 - .254	12.37	8.560	.508 - 1.02	12.50	8.331	.305 - .508	12.57	8.255	.508 - .762	12.65	3.200	.254 - .381
12.07	4.877	1.52 - 2.00	12.22	8.077	.127 - .254	12.37	9.017	.127 - .508	12.50	9.576	.762 - 1.27	12.57	8.306	2.00 - 2.54	12.65	3.302	.127 - .254
12.07	4.978	.127 - .254	12.22	8.534	.127 - .254	12.37	9.246	.127 - .254	12.50	9.627	.127 - .254	12.57	8.357	.381 - .762	12.65	3.404	.254 - .508
12.07	5.766	.508 - .762	12.22	9.169	1.02 - 1.52	12.37	10.13	.127 - .254	12.50	9.652	.127 - .254	12.57	8.560	1.52 - 2.00	12.65	3.759	1.52 - 2.00
12.07	6.579	.254 - .762	12.22	9.728	.254 - .508	12.37	10.21	.127 - .254	12.50	9.982	.508 - 1.07	12.57	8.814	.889 - 1.27	12.65	4.394	.508 - 1.02
12.07	7.087	.127 - .254	12.22	9.830	.254 - .508	12.40	1.372	.635 - 1.02	12.52	3.175	.381 - .762	12.57	9.169	1.27 - 1.65	12.65	4.445	2.54 - 3.00
12.07	7.264	.127 - .254	12.22	9.906	1.27 - 1.52	12.40	2.438	1.52 - 2.30	12.52	3.327	.508 - 1.02	12.57	9.220	1.02 - 1.52	12.65	4.674	.127 - .254
12.07	7.772	.127 - .254	12.22	10.21	.127 - .254	12.40	2.997	2.00 - 2.60	12.52	3.683	1.78 - 2.30	12.57	9.677	.254 - .508	12.65	4.750	.381 - .762
12.07	8.484	1.02 - 1.52	12.24	4.394	.762 - 1.27	12.40	4.902	1.27 - 1.78	12.52	4.902	1.91 - 2.30	12.57	10.19	.254 - .635	12.65	5.004	1.02 - 1.57
12.07	9.144	.127 - .254	12.24	4.826	.508 - 1.02	12.40	7.137	.813 - 1.57	12.52	5.029	.127 - .254	12.57	11.18	.127 - .203	12.65	5.461	.254 - .813
12.07	9.347	.381 - 1.02	12.24	8.001	.508 - 1.02	12.40	8.001	.127 - .254	12.52	5.258	.127 - .254	12.60	1.041	.762 - 1.07	12.65	5.486	.635 - 1.07
12.07	9.601	.127 - .254	12.24	8.357	1.27 - 1.91	12.40	9.271	.254 - .508	12.52	6.198	1.27 - 1.78	12.60	2.159	.127 - .254	12.65	5.588	1.27 - 1.83
12.07	9.652	.254 - .508	12.24	8.433	.508 - 1.02	12.40	10.16	.127 - .254	12.52	7.163	1.27 - 1.91	12.60	3.251	.508 - 1.02	12.65	5.842	.508 - 1.07
12.07	10.08	.508 - .762	12.24	8.484	.127 - .254	12.42	4.572	.762 - 1.27	12.52	7.214	.762 - 1.27	12.60	3.302	.254 - .508	12.65	5.893	.508 - .914
12.07	10.16	.508 - 1.02	12.24	9.119	.254 - 1.02	12.42	4.801	.635 - 1.02	12.52	7.620	.762 - 1.27	12.60	3.962	.127 - .305	12.65	6.071	.635 - 1.07
12.07	10.44	.254 - .508	12.24	10.06	.127 - .254	12.42	4.877	.508 - .762	12.52	8.026	.635 - 1.02	12.60	4.115	.889 - 1.27	12.65	6.274	.381 - .762
12.07	10.77	.381 - 1.02	12.27	.838	.254 - .508	12.42	5.207	.762 - 1.52	12.52	8.890	.127 - .254	12.60	4.318	.508 - .762	12.65	6.299	.127 - .254
12.09	3.658	.813 - 1.52	12.27	1.956	.508 - 1.02	12.42	5.232	1.02 - 1.52	12.52	8.992	.635 - 1.02	12.60	4.724	1.78 - 2.30	12.65	6.375	.127 - .254
12.09	4.140	.381 - .762	12.27	3.785	.127 - 1.52	12.42	5.842	.127 - .254	12.52	9.373	.127 - .254	12.60	4.928	.762 - 1.27	12.65	6.401	.127 - .254
12.09	4.293	1.78 - 2.00	12.27	3.861	.762 - 1.52	12.42	7.696	.254 - .508	12.52	9.474	.127 - .254	12.60	5.156	.127 - .305	12.65	6.528	.254 - .508
12.09	4.597	.762 - 1.02	12.27	5.131	1.07 - 1.57	12.42	7.722	.508 - 1.02	12.52	9.525	.508 - 1.02	12.60	5.207	.127 - 1.52	12.65	6.579	2.30 - 3.00
12.09	4.826	.381 - .762	12.27	6.274	.127 - .254	12.42	8.001	.127 - .254	12.52	9.550	.127 - .254	12.60	5.537	.127 - .254	12.65	6.655	.813 - 2.60
12.09	5.334	2.70 - 3.00	12.27	9.144	.762 - 1.02	12.42	8.128	1.02 - 1.52	12.52	9.855	.127 - .254	12.60	6.299	.127 - .254	12.65	6.731	1.27 - 1.91
12.09	6.096	.254 - .635	12.27	9.525	.635 - 1.02	12.42	8.458	.508 - .762	12.52	10.01	.635 - 1.02	12.60	6.325	.127 - .254	12.65	6.833	1.27 - 1.78
12.09	7.341	.254 - .762	12.27	9.627	.762 - 1.02	12.42	8.585	.889 - 1.27	12.55	.813	.127 - .254	12.60	6.401	.508 - 1.02	12.65	7.620	.508 - .762
12.09	8.230	.635 - 1.02	12.29	3.023	.508 - 1.02	12.45	3.226	.635 - 1.02	12.55	2.057 </							

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
12.67	5.156	2.00 - 2.54	12.70	5.080	1.02 - 1.91	12.70	9.550	.381 - .762	12.75	6.680	.762 - 1.27	12.90	9.017	1.02 - 1.52	13.08	9.906	.254 - 1.02
12.67	5.461	.254 - .508	12.70	5.105	.254 - .508	12.70	9.576	.127 - 1.52	12.75	7.696	1.91 - 2.54	12.90	9.296	.127 - .254	13.08	9.931	1.27 - 1.52
12.67	5.817	.127 - .254	12.70	5.131	1.52 - 3.00	12.70	9.601	.127 - 1.52	12.75	8.001	.127 - 1.02	12.90	10.92	.762 - 1.02	13.08	10.01	.127 - .203
12.67	6.071	.762 - 1.02	12.70	5.156	.305 - .508	12.70	9.728	.762 - 1.27	12.75	8.357	.508 - .762	12.93	.787	.762 - 1.27	13.08	10.08	.127 - .254
12.67	6.096	1.22 - 1.78	12.70	5.182	.381 - 1.91	12.70	9.779	1.02 - 1.27	12.75	9.601	.635 - 1.02	12.93	1.626	.762 - 1.27	13.08	10.67	.508 - .813
12.67	6.172	.127 - .254	12.70	5.207	.127 - 1.27	12.70	9.855	.508 - .914	12.75	9.804	.127 - 2.54	12.93	2.032	.762 - 1.27	13.11	3.962	.762 - 1.27
12.67	6.248	.127 - .254	12.70	5.309	1.27 - 1.78	12.70	9.906	.127 - 1.52	12.78	3.327	.127 - 3.00	12.93	5.563	.635 - 1.07	13.11	4.953	.203 - .381
12.67	6.452	.889 - 1.52	12.70	5.334	.254 - .635	12.70	10.06	.127 - .762	12.78	3.607	.762 - 1.52	12.93	7.239	.254 - .508	13.11	6.071	.127 - .254
12.67	6.553	.381 - .762	12.70	5.512	1.02 - 1.52	12.70	10.21	.127 - .381	12.78	3.886	1.02 - 1.27	12.93	7.264	.254 - .508	13.11	6.248	.127 - .508
12.67	6.579	.762 - 1.27	12.70	5.537	.127 - 2.30	12.70	10.46	.127 - .254	12.78	3.988	1.27 - 1.57	12.93	7.569	1.27 - 1.78	13.11	8.001	.127 - .254
12.67	6.706	.254 - .508	12.70	5.588	1.57 - 2.00	12.70	10.54	.305 - .406	12.78	4.039	.127 - .254	12.93	10.92	.508 - .889	13.11	8.128	.127 - .254
12.67	6.731	.635 - 1.02	12.70	5.613	.508 - 3.00	12.70	11.20	.254 - .508	12.78	5.207	.762 - 1.02	12.95	1.346	.381 - .635	13.11	9.830	.508 - 1.02
12.67	7.137	2.00 - 2.54	12.70	5.639	.254 - .508	12.70	11.33	.127 - .254	12.78	7.112	1.91 - 2.54	12.95	3.962	.635 - 1.07	13.11	9.855	.127 - .254
12.67	7.950	.127 - .254	12.70	5.740	.635 - 1.02	12.70	11.43	.127 - .254	12.78	7.137	.254 - .508	12.95	5.334	1.91 - 2.30	13.11	11.13	.508 - .813
12.67	8.077	1.27 - 1.78	12.70	5.842	.813 - 1.22	12.70	11.48	.254 - .508	12.78	8.001	.127 - .254	12.95	6.833	.127 - .254	13.11	11.30	.127 - .254
12.67	8.204	.254 - 1.52	12.70	5.867	.127 - .254	12.73	1.549	.254 - .508	12.78	8.026	.127 - .254	12.95	7.112	1.02 - 1.91	13.13	8.407	.762 - 1.27
12.67	8.357	.127 - .254	12.70	5.918	2.54 - 3.00	12.73	2.515	1.27 - 1.91	12.78	8.077	1.27 - 1.78	12.95	7.620	.254 - .508	13.13	8.636	.381 - 1.02
12.67	9.474	.127 - .254	12.70	5.944	2.54 - 3.00	12.73	3.302	.762 - 1.27	12.78	9.220	.127 - .254	12.95	8.661	1.07 - 1.57	13.13	8.661	1.02 - 1.52
12.67	9.677	.127 - 1.52	12.70	5.969	.127 - .254	12.73	3.327	.635 - 1.02	12.78	9.728	.127 - .254	12.95	10.11	1.02 - 1.27	13.13	8.788	.127 - 1.78
12.67	10.01	.127 - .254	12.70	6.020	.203 - 3.00	12.73	3.454	.127 - .508	12.78	9.830	.127 - .254	12.95	10.52	.178 - .508	13.13	10.21	.127 - .254
12.67	10.39	.635 - 1.07	12.70	6.045	2.70 - 3.00	12.73	3.531	1.91 - 2.70	12.78	10.44	.127 - .254	12.98	3.810	.127 - .254	13.13	10.59	.127 - .254
12.70	.889	.127 - .203	12.70	6.223	.508 - .762	12.73	3.632	1.78 - 2.30	12.80	3.175	2.30 - 2.60	12.98	4.191	1.02 - 1.52	13.13	11.13	.127 - .254
12.70	1.270	.127 - .254	12.70	6.350	.254 - 3.00	12.73	4.013	.127 - .254	12.80	6.553	.762 - 1.27	12.98	6.020	.127 - .254	13.13	11.20	.508 - .762
12.70	1.626	.127 - .254	12.70	6.375	.381 - .762	12.73	4.267	1.14 - 1.52	12.80	6.833	.127 - .254	12.98	6.350	.127 - 1.83	13.16	4.445	.203 - .406
12.70	1.778	.127 - .254	12.70	6.426	.127 - 1.27	12.73	4.318	.127 - .254	12.80	7.188	.254 - .508	12.98	6.502	.127 - .254	13.16	5.436	.381 - .762
12.70	1.803	.127 - .254	12.70	6.452	.127 - 2.10	12.73	4.623	.254 - 2.60	12.80	8.153	.762 - 1.27	12.98	6.579	.254 - .508	13.16	6.426	.127 - .254
12.70	1.829	1.02 - 1.57	12.70	6.477	.127 - .762	12.73	4.851	2.30 - 2.54	12.80	8.712	1.78 - 2.30	12.98	8.026	.127 - .254	13.16	8.585	.127 - .254
12.70	1.956	.127 - .254	12.70	6.528	.127 - 2.60	12.73	4.877	.508 - 1.02	12.80	9.169	.127 - .254	12.98	8.128	.381 - .762	13.16	11.13	.127 - .254
12.70	2.083	.203 - .635	12.70	6.553	2.54 - 3.00	12.73	4.953	1.22 - 1.57	12.80	9.195	.127 - .254	12.98	8.306	.508 - 1.02	13.16	11.18	.508 - .762
12.70	2.184	.127 - .254	12.70	6.579	2.54 - 3.00	12.73	4.978	.127 - .254	12.80	9.627	.508 - .762	12.98	9.728	.381 - .762	13.16	11.35	.254 - .508
12.70	2.235	1.02 - 1.52	12.70	6.604	.127 - .508	12.73	5.055	.127 - .254	12.80	9.703	.127 - .254	13.00	5.029	1.27 - 1.78	13.18	2.057	.381 - .635
12.70	2.261	.381 - .635	12.70	6.629	1.27 - 1.91	12.73	5.131	.127 - .254	12.80	9.906	.762 - 1.27	13.00	5.156	.127 - .254	13.18	2.616	.127 - .254
12.70	2.362	.127 - .254	12.70	6.680	.127 - 3.00	12.73	5.207	.762 - 2.54	12.83	2.286	.381 - .762	13.00	5.309	.254 - .508	13.18	4.318	1.27 - 1.78
12.70	2.438	.127 - .254	12.70	6.731	.127 - 2.60	12.73	5.258	.635 - 1.02	12.83	2.565	1.27 - 1.78	13.00	6.045	.127 - .254	13.18	7.366	.762 - 1.02
12.70	2.489	.254 - .508	12.70	6.756	.127 - .635	12.73	5.283	1.52 - 1.83	12.83	3.277	1.27 - 1.78	13.00	6.985	1.02 - 1.52	13.18	9.576	.127 - .254
12.70	2.591	.203 - .381	12.70	6.807	.127 - .508	12.73	5.334	2.54 - 3.00	12.83	3.785	.254 - 1.91	13.00	7.061	.127 - .254	13.18	10.08	.127 - .254
12.70	2.667	.127 - .254	12.70	6.833	.508 - .914	12.73	5.664	.127 - .254	12.83	4.242	.635 - 1.02	13.00	7.925	.254 - .508	13.21	3.048	.254 - .508
12.70	2.845	.762 - 1.27	12.70	6.858	.127 - 2.30	12.73	5.791	1.52 - 2.00	12.83	4.928	.127 - .254	13.00	8.052	.127 - .508	13.21	4.928	1.27 - 1.52
12.70	2.870	.508 - 1.02	12.70	6.985	.127 - .254	12.73	5.842	.127 - .254	12.83	6.350	.508 - .762	13.00	8.128	.127 - .254	13.21	5.283	.381 - 1.02
12.70	2.896	.127 - .762	12.70	7.010	1.52 - 2.00	12.73	6.121	2.00 - 2.54	12.83	6.452	.254 - .508	13.00	8.153	.127 - .254	13.21	7.899	.508 - .889
12.70	2.946	.508 - 1.02	12.70	7.112	1.07 - 1.98	12.73	6.426	.127 - 3.00	12.83	7.493	2.00 - 2.30	13.00	8.179	.127 - 2.00	13.21	8.230	.127 - .254
12.70	3.073	.127 - .305	12.70	7.137	.127 - 1.02	12.73	6.452	1.22 - 1.83	12.83	7.645	.127 - .762	13.00	9.220	.762 - 1.02	13.21	8.458	.127 - .254
12.70	3.175	.178 - 1.57	12.70	7.188	.762 - 2.60	12.73	6.477	2.00 - 2.70	12.83	8.230	1.27 - 1.78	13.00	10.01	.127 - .254	13.21	8.788	.508 - .762
12.70	3.277	.635 - 1.91	12.70	7.264	.762 - 1.27	12.73	6.502	.508 - 2.30	12.83	8.509	.635 - 1.02	13.00	10.03	.381 - .635	13.21	9.652	.127 - .254
12.70	3.327	.254 - 1.52	12.70	7.315	.254 - .508	12.73	6.680	.127 - .254	12.83	8.661	.635 - 1.91	13.00	11.00	.127 - .254	13.21	9.957	.127 - .254
12.70	3.353	1.02 - 1.52	12.70	7.341	.381 - .762	12.73	6.909	2.30 - 2.70	12.83	9.017	.635 - 1.02	13.03	3.480	.127 - .254	13.21	10.92	.254 - .508
12.70	3.378	.127 - .254	12.70	7.391	.635 - 1.02	12.73	7.137	1.27 - 2.60	12.83	9.804	.508 - .762	13.03	3.886	1.02 - 1.52	13.21	11.18	.127 - .254
12.70	3.454	.305 - .508	12.70	7.417	.127 - .254	12.73	7.188	.254 - 2.54	12.83	9.906	.762 - 1.27	13.03	4.420	.762 - 1.27	13.21	11.56	.127 - .254
12.70	3.556	.254 - .508	12.70	7.493	.635 - 1.02	12.73	7.620	.127 - .254	12.83	10.06	.127 - .254	13.03	5.004	.381 - .762	13.23	3.683	1.91 - 2.30
12.70	3.581	.203 - .406	12.70	7.518	.254 - .635	12.73	7.950	.127 - 1.78	12.83	10.13	.508 - 1.02	13.03	6.020	1.78 - 2.30	13.23	6.071	1.02 - 1.27
12.70	3.607	.762 - 3.00	12.70	7.569	.127 - .635	12.73	8.077	.127 - 2.30	12.83	10.19	.762 - 1.27	13.03	6.096	.762 - 1.27	13.23	8.255	.254 - .508
12.70	3.658	.127 - .762	12.70	7.620	.127 - .254	12.73	8.										

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
13.34	7.823	.127 - .254	13.49	5.232	.127 - .762	13.67	8.687	1.02 - 1.52	13.89	4.064	.254 - .381	14.00	8.001	.127 - .254	14.12	6.680	.127 - .254
13.34	8.788	1.52 - 2.00	13.49	5.410	.127 - .254	13.67	9.779	1.27 - 1.91	13.89	5.436	.127 - .254	14.00	8.026	.127 - 1.27	14.12	7.137	1.91 - 2.60
13.34	9.093	1.78 - 2.00	13.49	5.842	2.70 - 3.00	13.67	11.18	.127 - .254	13.89	6.502	.127 - .254	14.00	8.052	.127 - .254	14.12	8.052	1.02 - 1.52
13.34	9.525	.127 - .254	13.49	6.452	1.52 - 2.10	13.67	11.61	.127 - .254	13.89	6.553	.127 - .254	14.00	8.077	1.27 - 1.78	14.12	9.728	1.02 - 1.52
13.34	9.601	.762 - 1.27	13.49	6.528	.254 - 1.52	13.69	4.953	.635 - 1.27	13.89	7.442	1.52 - 1.78	14.00	8.128	.127 - .254	14.15	6.147	.254 - .508
13.34	9.906	1.52 - 2.00	13.49	6.706	.762 - 1.27	13.69	6.401	1.52 - 2.00	13.89	7.925	.127 - .254	14.00	8.153	.127 - .254	14.15	8.052	.508 - 1.52
13.34	10.19	.508 - 1.02	13.49	6.883	.635 - .889	13.69	7.061	.381 - .762	13.89	8.052	1.27 - 1.78	14.00	8.179	.127 - .254	14.15	9.652	1.02 - 1.52
13.34	10.87	.127 - .381	13.49	7.493	.381 - .762	13.69	8.077	.127 - .254	13.89	8.128	.762 - 1.27	14.00	9.068	.381 - .762	14.15	9.830	.635 - 1.02
13.36	4.953	.762 - 1.27	13.49	8.052	.254 - 1.52	13.69	9.296	.127 - .254	13.89	9.271	.127 - .254	14.00	9.576	.254 - .508	14.15	10.06	1.27 - 1.78
13.36	6.502	.762 - 1.27	13.49	8.382	1.02 - 1.52	13.69	9.322	.635 - 1.02	13.89	10.31	.127 - .254	14.00	9.601	.254 - 2.54	14.15	10.69	.254 - .508
13.36	6.858	.254 - .508	13.49	8.509	2.54 - 3.00	13.69	9.652	.635 - 1.07	13.92	2.413	1.02 - 1.52	14.00	9.779	.127 - .254	14.15	11.33	.508 - 1.02
13.36	11.10	.381 - .762	13.49	8.788	1.07 - 1.57	13.69	10.13	.127 - .762	13.92	4.318	1.27 - 1.78	14.00	9.830	.254 - .508	14.17	7.315	.127 - .254
13.39	3.277	.381 - .635	13.49	8.839	1.27 - 1.83	13.69	10.67	.127 - .254	13.92	7.696	.127 - .406	14.00	10.01	.127 - 1.02	14.17	8.306	1.27 - 1.78
13.39	3.683	.127 - .254	13.49	8.890	1.02 - 1.57	13.69	11.91	.178 - .381	13.92	8.255	1.52 - 2.00	14.00	10.03	1.27 - 1.78	14.17	8.407	.508 - 1.27
13.39	8.788	1.02 - 1.52	13.49	9.804	.254 - .508	13.72	4.115	.813 - 1.57	13.92	8.357	.635 - 1.02	14.00	10.13	.254 - 1.02	14.17	9.144	.127 - .305
13.39	8.839	.813 - 1.27	13.49	10.31	1.27 - 1.52	13.72	4.724	1.52 - 1.78	13.92	10.08	.127 - .254	14.00	10.62	.914 - 1.52	14.17	9.169	.914 - 1.52
13.39	9.373	.127 - .254	13.49	11.76	.381 - .762	13.72	5.817	.762 - 1.27	13.92	10.19	1.27 - 1.78	14.00	11.25	.254 - .635	14.17	10.52	.762 - 1.27
13.39	9.982	.762 - 1.27	13.51	1.854	.254 - .508	13.72	7.112	.762 - 1.52	13.92	11.48	.762 - 1.27	14.00	11.71	.127 - .254	14.17	12.34	.127 - .762
13.39	11.10	.254 - .508	13.51	4.216	2.54 - 3.00	13.72	7.163	1.07 - 1.57	13.92	11.51	.635 - 1.02	14.00	11.99	.127 - .762	14.20	.813	.508 - .762
13.39	11.25	.508 - 1.02	13.51	5.105	.127 - .254	13.72	7.214	.381 - .762	13.94	2.515	.127 - .254	14.02	2.362	.635 - 1.02	14.20	1.524	.381 - .635
13.41	3.251	.254 - .508	13.51	5.258	1.57 - 2.30	13.72	8.153	.254 - .508	13.94	5.486	.127 - .254	14.02	2.388	.127 - .203	14.20	3.251	.127 - .254
13.41	3.861	.127 - .305	13.51	6.350	.127 - .381	13.72	8.458	.381 - .635	13.94	8.026	.127 - .254	14.02	3.277	.787 - 1.22	14.20	3.683	.381 - .762
13.41	5.309	.254 - .508	13.51	8.357	1.02 - 1.91	13.72	8.814	1.98 - 2.60	13.94	8.280	.127 - .254	14.02	4.064	.508 - 1.02	14.20	5.309	1.52 - 2.00
13.41	5.994	1.02 - 1.52	13.51	9.677	.762 - 1.27	13.72	8.839	.381 - .762	13.94	8.484	.635 - 1.02	14.02	5.385	1.52 - 2.00	14.20	5.486	.508 - 1.02
13.41	6.452	.127 - .254	13.51	11.46	.127 - .254	13.72	9.855	1.27 - 1.78	13.94	11.48	.762 - 1.52	14.02	5.588	.127 - .254	14.20	5.715	.127 - .254
13.41	6.731	.762 - 1.52	13.51	11.89	.508 - 1.02	13.72	9.931	.762 - 1.27	13.94	11.56	.254 - .508	14.02	6.020	.254 - .508	14.20	6.579	.254 - 1.02
13.41	6.807	1.02 - 1.52	13.51	12.45	.305 - .508	13.72	9.957	.254 - .508	13.94	12.09	.127 - .254	14.02	6.045	.127 - .254	14.20	7.239	.127 - .254
13.41	7.823	.127 - .254	13.54	1.702	.254 - .508	13.72	10.03	.127 - .254	13.97	.813	.254 - .508	14.02	6.096	.254 - .508	14.20	7.899	.127 - .254
13.41	9.144	.635 - 1.02	13.54	5.105	.254 - .508	13.72	10.13	.635 - 1.02	13.97	2.667	1.07 - 1.52	14.02	7.010	.762 - 1.02	14.20	8.179	2.00 - 2.60
13.41	10.41	1.02 - 1.52	13.54	5.994	.127 - .254	13.72	10.36	.381 - .635	13.97	3.048	.127 - 1.52	14.02	7.264	.254 - .508	14.20	8.814	.635 - 1.07
13.41	11.15	.254 - .508	13.54	6.096	1.27 - 1.78	13.72	10.67	.381 - .762	13.97	3.556	.508 - 1.02	14.02	7.747	.635 - 1.52	14.20	8.865	1.91 - 2.30
13.41	11.51	.127 - .254	13.54	6.756	2.30 - 2.70	13.74	3.861	1.52 - 2.30	13.97	4.013	.127 - .254	14.02	8.103	.127 - .254	14.20	9.627	.762 - 1.27
13.44	3.353	.127 - .254	13.54	6.960	.127 - .254	13.74	7.976	1.27 - 1.52	13.97	4.039	2.30 - 2.54	14.02	8.153	.127 - .254	14.20	9.855	1.52 - 2.00
13.44	4.445	.381 - .762	13.54	9.322	1.78 - 2.30	13.74	9.525	.762 - 1.27	13.97	4.826	.508 - .762	14.02	9.830	1.02 - 1.52	14.20	9.931	.762 - 1.27
13.44	5.944	1.78 - 2.30	13.54	9.881	.508 - .762	13.74	9.601	1.02 - 1.52	13.97	4.902	.127 - 1.52	14.02	10.03	.127 - .381	14.20	11.53	.508 - 1.02
13.44	7.112	.381 - .762	13.54	10.44	.254 - .635	13.74	10.21	.127 - .762	13.97	5.283	1.22 - 1.57	14.02	10.06	1.27 - 1.91	14.20	11.96	.127 - .762
13.44	7.950	.762 - 1.22	13.56	.991	.381 - .762	13.74	10.34	1.02 - 1.52	13.97	6.096	.254 - .508	14.02	10.08	.127 - .254	14.20	12.19	.127 - .254
13.44	8.407	.508 - 1.02	13.56	3.327	.762 - 1.27	13.74	10.54	.127 - .254	13.97	6.350	1.02 - 2.54	14.02	10.11	.127 - .254	14.22	2.870	.381 - .762
13.44	9.525	1.27 - 1.91	13.56	4.724	1.78 - 2.30	13.77	4.369	.254 - .508	13.97	6.477	.508 - .813	14.02	10.16	.635 - 1.02	14.22	2.997	.406 - .762
13.44	9.779	.127 - .254	13.56	4.902	.381 - .762	13.77	4.521	.762 - 1.27	13.97	6.553	.635 - 1.02	14.02	10.19	.254 - .381	14.22	3.048	1.91 - 2.60
13.44	11.15	.381 - .762	13.56	5.258	.762 - 1.27	13.77	7.696	1.52 - 2.00	13.97	6.579	.127 - .762	14.02	10.80	1.02 - 1.27	14.22	3.251	.381 - .762
13.46	1.676	.889 - 1.52	13.56	5.588	.127 - .254	13.77	10.03	.127 - .254	13.97	7.163	.889 - 3.00	14.02	11.02	.381 - .762	14.22	3.327	1.52 - 2.10
13.46	2.286	.254 - .508	13.56	7.214	1.52 - 2.10	13.77	11.10	.254 - .508	13.97	7.620	1.07 - 1.57	14.02	11.13	.127 - .254	14.22	3.429	1.27 - 1.78
13.46	2.515	.381 - .762	13.56	9.169	1.57 - 2.00	13.79	5.029	1.02 - 1.52	13.97	7.722	.762 - 1.52	14.02	12.14	.127 - .254	14.22	3.785	.127 - .508
13.46	3.302	1.02 - 1.52	13.56	10.01	.762 - 1.27	13.79	8.026	.508 - 1.02	13.97	8.001	.127 - 1.22	14.05	4.470	.254 - .508	14.22	4.089	1.02 - 1.57
13.46	3.886	2.00 - 2.60	13.56	11.20	.762 - 1.07	13.79	8.458	.127 - .254	13.97	8.026	.127 - 1.62	14.05	5.385	1.52 - 2.00	14.22	4.369	.127 - .254
13.46	4.572	.127 - .254	13.59	1.626	.305 - .508	13.79	8.788	.762 - 1.27	13.97	8.052	.381 - .762	14.05	5.817	.127 - .254	14.22	4.572	.127 - .381
13.46	4.851	.127 - .254	13.59	5.791	1.91 - 2.60	13.79	9.576	.381 - .635	13.97	8.103	.127 - .254	14.05	6.020	.127 - .254	14.22	4.826	.762 - 1.27
13.46	5.232	2.54 - 3.00	13.59	6.045	.254 - .508	13.79	11.00	.127 - .254	13.97	8.179	.762 - 1.27	14.0					

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
14.22	9.576	.127 - .381	14.27	7.366	.635 - 1.02	14.33	9.957	1.27 - 1.83	14.48	11.30	.635 - 1.02	14.73	5.410	1.27 - 1.91	14.96	11.56	.762 - 1.27
14.22	9.627	.508 - 1.02	14.27	7.544	.254 - .508	14.33	11.30	.127 - .254	14.48	11.71	.762 - 1.27	14.73	5.537	2.40 - 3.00	14.99	2.921	.813 - 1.57
14.22	9.652	.127 - .254	14.27	7.722	.508 - .762	14.33	12.70	.508 - 1.02	14.48	13.08	.127 - .254	14.73	6.350	.762 - 1.02	14.99	3.734	.127 - .508
14.22	9.677	.381 - 1.52	14.27	7.950	.254 - .508	14.33	12.80	.127 - .254	14.50	6.502	.762 - 1.27	14.73	6.375	1.27 - 1.78	14.99	5.055	1.52 - 2.00
14.22	9.754	.127 - .254	14.27	7.976	2.00 - 2.60	14.33	12.88	.127 - .254	14.50	7.188	1.78 - 2.30	14.73	6.477	1.27 - 1.78	14.99	5.105	.127 - .254
14.22	9.906	.762 - 1.52	14.27	8.001	.508 - 1.78	14.35	1.676	.127 - .254	14.50	9.474	.508 - .889	14.73	6.528	1.27 - 1.78	14.99	5.131	.762 - 1.27
14.22	9.957	.889 - 1.52	14.27	8.077	.127 - 1.91	14.35	2.362	2.00 - 2.30	14.53	6.502	.127 - .203	14.73	6.553	2.00 - 2.60	14.99	5.309	3.00 - 4.00
14.22	10.19	.127 - .254	14.27	8.128	.127 - 1.52	14.35	3.048	.381 - .762	14.53	11.94	.762 - 1.02	14.73	7.188	.127 - .254	14.99	6.020	.127 - .254
14.22	10.41	.127 - .254	14.27	8.280	.127 - .762	14.35	4.420	.635 - 1.02	14.55	3.277	1.27 - 1.78	14.73	8.230	.635 - .889	14.99	6.045	.127 - .254
14.22	10.67	.127 - .254	14.27	8.331	1.27 - 1.78	14.35	4.724	.254 - .381	14.55	3.302	1.27 - 1.78	14.73	8.382	2.00 - 2.60	14.99	7.417	.254 - .508
14.22	10.69	.762 - 1.27	14.27	8.357	.635 - 1.02	14.35	5.994	2.10 - 2.70	14.55	5.207	1.27 - 1.78	14.73	8.788	1.07 - 1.57	14.99	7.493	.127 - .254
14.22	11.66	.127 - .381	14.27	8.407	2.00 - 2.54	14.35	6.096	1.27 - 2.00	14.55	6.756	.635 - 1.02	14.73	9.576	2.30 - 2.70	14.99	7.976	1.52 - 2.00
14.22	12.32	.508 - 813	14.27	8.433	.508 - 1.02	14.35	7.112	2.70 - 3.00	14.55	10.01	1.02 - 1.52	14.73	9.627	.127 - .254	14.99	8.026	.127 - .254
14.22	12.70	.508 - 813	14.27	8.712	.127 - 1.27	14.35	7.874	.762 - 1.02	14.55	10.03	.635 - 1.14	14.73	9.652	.254 - .508	14.99	8.052	1.02 - 2.30
14.25	2.667	.381 - .762	14.27	8.738	1.52 - 2.00	14.35	8.001	.127 - .381	14.55	10.21	1.27 - 1.52	14.73	10.11	.127 - .254	14.99	8.077	.762 - 1.27
14.25	3.226	.508 - 1.02	14.27	9.500	.127 - .254	14.35	8.026	1.52 - 2.00	14.55	12.04	.762 - 1.27	14.73	10.57	1.07 - 1.57	14.99	8.306	1.27 - 1.91
14.25	4.089	.127 - .254	14.27	9.525	1.27 - 1.78	14.35	8.966	1.27 - 1.83	14.55	13.34	.381 - 1.635	14.73	10.97	.254 - .813	14.99	8.357	1.07 - 1.57
14.25	4.216	1.52 - 2.10	14.27	9.550	.127 - 1.57	14.35	11.51	.635 - .889	14.58	5.055	.635 - 1.07	14.73	11.28	.635 - 1.02	14.99	8.407	.254 - .508
14.25	4.394	.127 - .254	14.27	9.677	1.02 - 1.52	14.38	3.835	1.02 - 1.52	14.58	7.518	.381 - 1.762	14.73	11.43	.635 - 1.02	14.99	8.484	.127 - .254
14.25	4.420	1.91 - 2.30	14.27	9.703	1.02 - 1.52	14.38	5.105	.127 - .254	14.58	7.544	2.30 - 2.70	14.76	5.004	2.30 - 3.00	14.99	8.611	.889 - 1.52
14.25	4.445	.381 - .762	14.27	9.728	.762 - 1.27	14.38	6.756	.127 - .254	14.58	7.569	.127 - .254	14.76	5.664	1.27 - 1.78	14.99	8.636	.254 - 1.27
14.25	4.801	.381 - 1.635	14.27	9.779	.381 - 1.78	14.38	7.595	1.27 - 1.91	14.58	7.620	.813 - 1.57	14.76	11.10	.762 - 1.27	14.99	8.738	.813 - 1.27
14.25	4.826	.127 - 1.52	14.27	9.804	.508 - 1.02	14.38	8.153	.127 - .254	14.58	10.08	.127 - .254	14.78	1.600	.508 - 1.02	14.99	8.763	1.02 - 1.52
14.25	4.877	.508 - 1.02	14.27	9.830	1.02 - 1.52	14.38	8.331	.254 - .381	14.58	10.31	.508 - .762	14.78	7.264	.508 - 1.02	14.99	9.017	.127 - .254
14.25	5.080	2.00 - 2.70	14.27	9.855	.127 - .381	14.38	8.382	1.02 - 1.52	14.58	12.24	1.78 - 2.30	14.78	10.16	.381 - .762	14.99	9.550	.508 - 813
14.25	5.131	.762 - 1.52	14.27	9.931	1.91 - 2.30	14.38	8.484	.127 - 1.52	14.61	3.835	1.02 - 1.57	14.81	6.579	.127 - .254	14.99	9.601	.127 - .254
14.25	5.283	.762 - 1.27	14.27	9.957	.127 - .254	14.38	8.687	2.40 - 2.60	14.61	4.572	.254 - 1.508	14.81	8.738	1.78 - 2.30	14.99	9.627	.635 - 1.02
14.25	6.477	.508 - 1.02	14.27	10.06	.635 - 1.02	14.38	9.601	1.52 - 2.30	14.61	4.724	1.78 - 2.30	14.81	9.601	.381 - .762	14.99	9.804	.127 - .254
14.25	7.366	.127 - .254	14.27	10.67	.508 - 1.78	14.38	11.33	1.02 - 1.52	14.61	4.801	2.00 - 2.54	14.81	10.41	.762 - 1.27	14.99	9.906	.813 - 1.57
14.25	7.569	1.52 - 2.10	14.27	11.10	.381 - 1.91	14.38	11.35	1.02 - 1.52	14.61	5.055	1.52 - 2.00	14.83	7.645	.127 - .254	14.99	10.06	.127 - .305
14.25	7.874	1.02 - 1.52	14.27	11.15	.254 - .635	14.38	11.38	.254 - .508	14.61	5.080	.635 - 1.07	14.83	8.306	.127 - .254	14.99	10.08	.127 - 1.27
14.25	7.976	.914 - 1.52	14.27	12.70	.127 - .254	14.38	11.43	.381 - .762	14.61	6.375	.254 - .508	14.83	8.890	.127 - .254	14.99	10.41	1.02 - 1.52
14.25	8.128	2.30 - 2.80	14.27	12.83	.508 - .762	14.38	12.83	.381 - .635	14.61	6.553	.127 - .762	14.83	9.093	.127 - .254	14.99	10.82	1.78 - 2.00
14.25	8.407	2.54 - 3.00	14.30	2.565	.635 - 1.02	14.38	12.88	.127 - .254	14.61	6.604	1.91 - 2.30	14.83	10.95	.127 - .254	14.99	10.92	.127 - 1.52
14.25	9.144	.381 - .635	14.30	3.683	.127 - .254	14.40	4.826	.254 - .508	14.61	7.290	.127 - .254	14.83	11.33	.762 - 1.27	14.99	11.15	.127 - .254
14.25	9.322	.127 - .254	14.30	4.470	.635 - 1.02	14.40	5.766	.178 - .305	14.61	7.925	2.54 - 3.00	14.86	2.642	.635 - 1.02	14.99	11.96	.381 - .635
14.25	9.576	.508 - .762	14.30	4.724	2.54 - 3.00	14.40	5.944	.254 - .508	14.61	8.128	.508 - 1.02	14.86	4.648	.381 - .762	14.99	12.19	.127 - .508
14.25	9.677	1.91 - 2.40	14.30	4.851	.508 - .762	14.40	6.604	1.02 - 1.52	14.61	8.179	.254 - .508	14.86	6.706	.635 - 1.02	14.99	12.65	.635 - 1.02
14.25	10.08	.508 - 813	14.30	4.928	2.54 - 3.00	14.40	6.680	.762 - 1.27	14.61	8.509	4.06 - .635	14.86	7.366	2.30 - 2.70	14.99	13.28	.127 - 203
14.25	10.34	.127 - .254	14.30	5.004	.762 - 1.27	14.40	7.645	1.02 - 1.52	14.61	8.788	.127 - .762	14.86	8.306	1.27 - 1.78	15.01	2.007	.508 - .762
14.25	10.69	.127 - .254	14.30	5.537	.127 - 3.00	14.40	8.534	2.30 - 2.60	14.61	9.144	.635 - 1.07	14.86	8.331	1.78 - 2.30	15.01	2.921	.508 - 1.02
14.25	11.05	.254 - .508	14.30	6.274	.508 - .762	14.40	9.627	.381 - .635	14.61	10.01	1.52 - 2.00	14.86	9.246	1.52 - 2.00	15.01	4.089	1.27 - 1.78
14.25	11.18	.889 - 1.52	14.30	6.426	.127 - .381	14.40	10.36	1.02 - 1.52	14.61	10.13	1.52 - 2.30	14.86	9.296	1.02 - 1.27	15.01	5.080	1.02 - 1.52
14.25	11.66	.254 - .508	14.30	6.579	.762 - 1.27	14.40	10.39	.762 - 1.27	14.61	10.46	.254 - .508	14.86	9.449	.635 - 1.02	15.01	5.486	1.27 - 1.78
14.27	2.286	.127 - .254	14.30	7.036	.508 - 1.02	14.40	12.80	.508 - .762	14.61	11.18	1.02 - 1.52	14.86	9.576	.127 - .254	15.01	5.512	.381 - .635
14.27	3.302	.127 - .254	14.30	7.239	2.54 - 3.00	14.43	2.769	1.02 - 1.52	14.61	11.33	2.54 - .762	14.86	9.652	.127 - .254	15.01	6.096	1.91 - 2.30
14.27	3.404	.762 - 1.27	14.30	7.950	.127 - 1.07	14.43	3.505	.127 - .254	14.61	11.79	.508 - 1.02	14.86	10.08	.127 - .254	15.01	7.036	.127 - .254
14.27	3.708	.813 - 1.27	14.30	8.052	.254 - 1.02	14.43	5.334	1.07 - 1.83	14.61	12.32	.127 - 1.02	14.86	10.29	1.27 - 1.78	15.01	7.518	1.27 - 1.78
14.27	3.759	1.02 - 1.52	14.30	8.077	.127 - .254	14.43	5.690	.127 - .254	14.63	3.734	2.30 - 2.60	14.88	3.353	.254 - .508	15.01	8.052	.254 - .508
14.27	3.861	.889 - 1.27	14.30	8.128	.381 - .762	14.43	6.477	1.27 - 1.78	14.63	5.537	.762 - 1.02	14.88	8.306	.381 - .762	15.01	8.153	.381 - .762
14.27	4.013	.914 - 1.91	14.30	8.153	1.83 - 2.30	14.43	7.747	.127 - .254	14.63	12.70	.508 - .762	14.88	10.54	.127 - .254	15.01	8.230	1.02 - 1.52
14.27	4.191	.203 - .381	14.30	8.890	.381 - .635	14.43	7.925	1.27 - 1.57	14.66	2.438	.305 - .635	14.88	11.00	1.02 - 1.52	15.01	8.280	.127 - .254
14.27	4.216	1.27 - 1.78	14.30	9.119	.635 - 1.02	14.43	8.052	.127 - .254	14.66	5.055	1.52 - 2.30	14.88	11.35	.127 - .254	15.01	11.05	1.27 - 1.78
14.27	4.293	.127 - .254	14.30	9.474	.381 - .76												

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
15.06	8.077	.127 - .254	15.21	12.09	1.27 - 1.78	15.34	7.798	.127 - .254	15.52	6.629	.127 - .254	15.65	6.579	.127 - .254	15.75	6.528	1.02 - 1.52
15.06	9.957	1.91 - 2.40	15.21	12.42	.127 - .254	15.34	7.823	.254 - .762	15.52	6.731	2.70 - 3.00	15.65	6.807	.381 - .762	15.75	6.604	.127 - .254
15.06	10.13	.254 - .508	15.24	1.168	.127 - .254	15.34	8.636	1.02 - 1.52	15.52	6.934	.127 - .254	15.65	8.204	.254 - .508	15.75	6.807	.127 - .254
15.06	10.34	2.54 - 3.00	15.24	1.676	.508 - .889	15.34	8.814	.787 - 1.07	15.52	7.061	.127 - .254	15.65	8.331	.635 - 1.02	15.75	7.137	1.02 - 1.52
15.06	10.41	.127 - .254	15.24	1.930	.508 - .762	15.34	9.677	.635 - 1.02	15.52	8.001	1.27 - .254	15.65	9.576	1.27 - 2.30	15.75	8.179	1.02 - 1.52
15.06	11.10	.127 - .254	15.24	1.956	.127 - .254	15.34	9.754	.381 - .762	15.52	8.814	.127 - .254	15.65	9.754	.127 - .254	15.75	8.484	1.27 - 1.78
15.06	11.51	.127 - .254	15.24	2.261	.508 - 1.02	15.34	10.34	.127 - .762	15.52	8.890	.762 - 1.27	15.65	9.804	1.57 - 2.10	15.75	8.788	.406 - .635
15.06	11.79	.381 - .762	15.24	2.997	.381 - .762	15.34	11.15	.762 - 1.27	15.52	8.941	.127 - .254	15.65	10.46	.508 - 1.02	15.75	8.839	1.27 - 1.78
15.06	11.89	.508 - 1.02	15.24	3.023	2.00 - 2.54	15.34	12.75	.254 - .508	15.52	9.627	.635 - 1.02	15.65	11.58	1.02 - 1.27	15.75	8.890	.635 - 1.57
15.06	11.99	.127 - .254	15.24	3.251	.813 - 1.22	15.34	12.90	.381 - .762	15.52	10.29	1.52 - 2.10	15.65	12.19	1.02 - 1.52	15.75	9.398	.381 - .635
15.06	12.14	.127 - .381	15.24	3.505	1.02 - 2.70	15.37	4.140	.381 - .762	15.52	11.68	.635 - 1.02	15.65	12.83	.127 - .254	15.75	9.601	.508 - .889
15.06	12.62	.127 - .254	15.24	3.962	.635 - 1.02	15.37	7.950	.381 - .762	15.52	12.19	1.27 - 1.78	15.67	7.874	.127 - .254	15.75	9.652	2.00 - 2.54
15.06	13.16	.508 - .762	15.24	3.988	.635 - 1.02	15.37	8.052	1.91 - 2.30	15.54	4.928	2.54 - 3.00	15.67	8.077	.381 - .635	15.75	9.677	.381 - .635
15.09	7.188	.127 - .254	15.24	4.267	1.78 - 2.30	15.37	9.119	.635 - 1.02	15.54	5.029	.203 - .508	15.67	8.915	.127 - .254	15.75	9.754	2.54 - 3.00
15.09	8.001	.127 - .254	15.24	4.470	.127 - .254	15.37	9.855	1.78 - 2.30	15.54	5.436	.762 - 1.27	15.67	9.119	.635 - 1.02	15.75	9.906	2.54 - 3.00
15.09	8.255	.127 - .254	15.24	5.080	.127 - .254	15.37	10.57	.127 - .254	15.54	11.00	1.02 - 1.52	15.67	9.195	.127 - .254	15.75	10.01	.254 - .508
15.09	9.093	.381 - .635	15.24	5.156	.508 - 1.02	15.37	11.51	.127 - 1.52	15.54	11.18	1.07 - 1.57	15.67	9.779	.127 - .254	15.75	10.31	.127 - 1.52
15.09	9.525	1.78 - 2.30	15.24	5.334	1.91 - 2.30	15.37	14.38	.127 - .254	15.54	11.28	.254 - .762	15.67	11.38	1.65 - 2.00	15.75	10.36	.762 - 1.27
15.09	9.601	.127 - 2.60	15.24	5.512	1.27 - 1.91	15.39	5.156	.127 - .254	15.54	11.86	.127 - .254	15.67	12.60	.254 - .508	15.75	10.39	.762 - 1.27
15.09	9.728	.381 - .762	15.24	5.994	.127 - .254	15.39	7.239	1.52 - 2.10	15.54	12.95	1.02 - 1.27	15.67	13.06	.127 - .254	15.75	10.41	2.00 - 2.70
15.09	10.29	.127 - .254	15.24	6.020	1.02 - 1.52	15.39	7.925	1.91 - 2.54	15.54	13.21	.127 - .254	15.67	14.22	.127 - .254	15.75	10.67	.508 - 1.52
15.09	10.74	.635 - 1.02	15.24	6.121	.127 - .762	15.39	9.652	1.02 - 1.52	15.57	1.016	.508 - .762	15.70	3.048	.381 - .762	15.75	11.18	.635 - 1.07
15.09	11.48	1.02 - 1.52	15.24	6.401	.127 - .254	15.39	9.881	1.27 - 1.91	15.57	7.061	1.27 - 1.78	15.70	3.150	1.02 - 1.52	15.75	11.23	.813 - 1.22
15.09	12.85	.381 - .635	15.24	6.426	.127 - 1.52	15.39	10.16	.508 - .762	15.57	8.407	1.27 - 1.78	15.70	4.699	1.02 - 1.27	15.75	12.09	.127 - 2.54
15.11	3.658	.203 - .406	15.24	6.452	.381 - .762	15.39	11.73	.508 - 1.02	15.57	8.890	1.27 - 1.78	15.70	5.461	.127 - .254	15.75	12.29	.508 - .762
15.11	4.724	1.78 - 2.30	15.24	6.477	.127 - .254	15.39	12.19	1.02 - 1.52	15.57	9.576	.381 - .762	15.70	5.486	.254 - .508	15.75	12.45	.508 - 1.02
15.11	4.902	1.91 - 2.30	15.24	6.731	.254 - .508	15.42	6.274	.508 - 1.02	15.57	9.931	.635 - 1.02	15.70	6.579	1.02 - 1.52	15.75	12.70	.127 - .254
15.11	4.953	.254 - .508	15.24	6.756	.127 - .254	15.42	6.375	.762 - 1.27	15.57	10.21	.127 - .254	15.70	6.655	.127 - .254	15.75	12.78	.254 - .635
15.11	6.375	.254 - .508	15.24	6.782	.127 - .254	15.42	8.458	.127 - .254	15.57	11.46	.762 - 1.27	15.70	9.246	.127 - 1.98	15.75	12.93	.254 - .635
15.11	6.426	.508 - .762	15.24	6.833	.635 - 1.02	15.42	9.855	2.00 - 2.70	15.57	11.99	.127 - .254	15.70	9.677	1.02 - 1.52	15.75	13.08	.127 - .381
15.11	6.502	.381 - .762	15.24	6.858	.127 - .254	15.42	11.71	.127 - .254	15.57	13.23	.508 - 1.07	15.70	9.703	.508 - 1.02	15.75	13.26	.381 - .762
15.11	8.966	.635 - 1.02	15.24	7.163	.127 - .254	15.42	13.49	.127 - .254	15.60	2.388	1.02 - 1.52	15.70	9.982	.127 - .254	15.75	13.46	.127 - .254
15.11	10.49	1.27 - 1.78	15.24	7.239	.127 - .254	15.44	5.182	.254 - .508	15.60	5.029	1.27 - 2.30	15.70	10.16	2.00 - 2.60	15.75	13.51	.127 - .254
15.11	10.92	1.02 - 1.52	15.24	7.518	.381 - 2.70	15.44	6.325	.762 - 1.27	15.60	5.055	1.52 - 1.98	15.70	11.05	1.27 - 1.91	15.75	13.97	.127 - .254
15.11	11.07	.127 - .254	15.24	7.620	.127 - .254	15.44	6.401	.381 - 1.02	15.60	5.080	1.52 - 2.10	15.70	11.18	.127 - .254	15.77	1.575	.762 - 1.27
15.11	11.10	1.02 - 1.52	15.24	8.179	.762 - 2.00	15.44	6.426	.508 - 1.02	15.60	6.807	.127 - .254	15.70	11.33	.127 - .254	15.77	1.905	.127 - .254
15.11	12.57	.762 - 1.27	15.24	9.169	.381 - .762	15.44	6.452	.508 - 1.02	15.60	8.382	.381 - .762	15.70	12.07	.127 - .254	15.77	2.311	.127 - .254
15.14	2.515	.762 - 1.27	15.24	9.652	.381 - 2.30	15.44	7.188	.508 - 1.02	15.60	8.992	1.27 - 1.78	15.70	12.70	.127 - .254	15.77	3.175	1.27 - 1.78
15.14	3.277	.635 - 1.02	15.24	10.19	.254 - .508	15.44	7.442	1.02 - 1.52	15.60	9.474	1.27 - 1.78	15.70	12.88	.127 - .254	15.77	4.039	.762 - 1.07
15.14	10.19	.508 - 1.02	15.24	10.31	.508 - .762	15.44	8.890	.508 - .813	15.60	9.855	.381 - .762	15.70	13.36	.813 - 1.07	15.77	4.089	2.30 - 3.00
15.14	10.39	.254 - .508	15.24	10.36	1.02 - 1.52	15.44	9.957	.762 - 1.27	15.60	10.21	.254 - .508	15.70	13.49	.127 - .254	15.77	4.369	.127 - .254
15.14	11.25	1.27 - 1.91	15.24	10.49	.254 - .508	15.44	10.08	.127 - .508	15.60	11.02	.762 - 1.27	15.70	13.94	.127 - .254	15.77	4.623	2.70 - 3.00
15.14	12.32	.127 - 1.02	15.24	10.69	.127 - .254	15.44	12.93	.254 - .635	15.60	12.17	.127 - .254	15.70	14.00	.381 - .635	15.77	4.928	.127 - .254
15.14	12.78	.508 - 1.02	15.24	11.02	.127 - .254	15.47	3.251	.762 - 1.27	15.60	12.24	.203 - .508	15.70	14.12	.127 - .254	15.77	6.426	1.57 - 2.00
15.14	12.95	.635 - 1.02	15.24	11.18	.254 - .508	15.47	6.960	.127 - .254	15.60	13.56	.127 - .254	15.70	14.22	.381 - .635	15.77	6.452	.254 - .508
15.16	3.302	.127 - .381	15.24	11.43	1.02 - 1.52	15.47	7.544	.508 - .813	15.60	13.72	.127 - .254	15.72	3.175	1.27 - 1.78	15.77	7.188	.381 - .635
15.16	6.375	1.57 - 1.98	15.24	11.68	.762 - 1.27	15.47	10.16	1.02 - 1.52	15.62	1.041	.381 - .762	15.72	4.013	2.54 - 3.00	15.77	7.315	1.27 - 1.91
15.16	7.747	.635 - 1.02	15.24	12.65	.127 - .254	15.47	12.37	.762 - 1.52	15.62	2.515	.508 - .762	15.72	4.343	.381 - 1.91	15.77	8.534	1.27 - 1.78
15.16	9.855	.127 - .381	15.24	12.78	.127 - .254	15.47	12.85	.508 - .762	15.62	2.794	.508 - .762	15.72	6.045	.762 - 1.27	15.77	9.220	1.27 - 1.78
15.16	10.31	.635 - 1.02	15.24	12.83	.508 - .762	15.47	13.87	.381 - .635	15.62	3.200	.508 - .762	15.72	7.772	.635 - 1.02	15.77	9.347	.762 - 1.27
15.16	11.48	.406 - 1.02	15.24	13.13	.127 - .254	15.47	14.00	.381 - .635	15.62	3.480	.635 - 2.00	15.72	8.230	.508 - .762	15.77	9.550	.254 - .508
15.16	13.00	.508 - .762	15.24	13.97	.127 - .254	15.49	2.388	1.52 - 2.00	15.62	3.556	.381 - .762	15.72	8.280	.508 - 1.02	15.77	9.601	.254 - .508
15.16	13.03	.508 - .762	15.27	4.039	2.00 - 2.54	15.49	2.540	1.02 - 1.52	15.62	3.886	.508 - .762	15.72	8.357	1.78 - 2.30	15.77	9.627	.635 - 1.02
15.19	4.572	.127 - .254	15.27	4.191													

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
15.80	5.842	.152 - 2.30	15.85	2.388	.178 - 2.30	15.88	5.207	.127 - 2.30	15.88	10.31	.152 - 1.91	15.93	5.029	.254 - .635	16.00	6.985	.127 - 3.00
15.80 6.350	.127 - .381		15.85 2.743	.127 - .254		15.88 5.258	.127 - .381		15.88 10.54	.127 - .305		15.93	5.994	2.54 - 3.00	16.00	7.087	.127 - .254
15.80 6.375	.127 - .254		15.85 2.769	.127 - .254		15.88	5.334	2.54 - 3.00	15.88	10.80	.508 - .889	15.93	6.299	2.54 - 3.00	16.00	7.112	.127 - .381
15.80	6.553	.635 - 1.02	15.85	3.251	.635 - 1.02	15.88	5.359	1.02 - 1.52	15.88	11.10	1.02 - 1.52	15.93 6.426	.127 - .254		16.00	7.163	1.27 - 1.78
15.80	6.629	.914 - 1.27	15.85	3.962	1.27 - 1.78	15.88 5.588	.127 - .254		15.88 11.18	.127 - 2.70		15.93	6.731	1.27 - 1.78	16.00	7.188	2.70 - 3.00
15.80	7.214	.254 - 1.07	15.85	4.267	1.52 - 2.00	15.88	5.639	1.27 - 1.78	15.88 11.20	.127 - .254		15.93	6.756	.762 - 1.27	16.00	8.001	.127 - .254
15.80	7.671	1.27 - 1.78	15.85	4.394	.508 - 1.27	15.88 5.664	.127 - .254		15.88 11.23	.127 - .254		15.93	7.112	2.54 - 3.00	16.00	8.026	.127 - 2.30
15.80	7.976	1.91 - 3.00	15.85	4.496	.254 - .508	15.88	5.715	.381 - .508	15.88	11.30	1.52 - 1.91	15.93	7.137	2.54 - 3.00	16.00	8.052	.254 - .508
15.80	8.001	2.54 - 3.00	15.85	4.521	.381 - .762	15.88	5.740	.813 - 1.07	15.88	11.40	1.78 - 2.30	15.93	7.188	.762 - 1.22	16.00	8.103	.127 - 1.27
15.80	8.052	1.02 - 1.52	15.85	4.978	.813 - 1.07	15.88	5.842	1.91 - 2.30	15.88	11.51	.508 - .762	15.93	7.239	1.07 - 1.57	16.00	8.128	.127 - .254
15.80	8.128	.635 - 1.78	15.85 5.182	.127 - .254		15.88	5.994	.635 - 1.07	15.88	11.56	.508 - .762	15.93	7.950	2.30 - 3.00	16.00	8.153	.127 - .254
15.80	8.255	.178 - .635	15.85 5.588	.127 - .254		15.88 6.045	.127 - 1.83		15.88	11.58	.762 - 1.78	15.93	7.976	.381 - .762	16.00	8.280	1.52 - 2.00
15.80 8.712	.127 - .254		15.85	6.325	1.27 - 1.78	15.88	6.071	1.78 - 2.30	15.88	11.61	.254 - 1.02	15.93	8.204	2.70 - 3.00	16.00	8.382	.254 - .508
15.80 9.500	.127 - .254		15.85	6.350	1.27 - 1.91	15.88	6.096	1.27 - 1.78	15.88	11.63	.254 - .508	15.93	8.484	2.54 - 3.00	16.00	8.407	1.27 - 1.78
15.80	9.550	.381 - .635	15.85	6.426	2.54 - 3.00	15.88 6.375	.127 - 1.07		15.88	12.09	1.02 - 1.52	15.93	8.509	2.54 - 3.00	16.00	8.534	.127 - .254
15.80	9.576	.635 - 2.70	15.85 6.452	.127 - .254		15.88	6.401	.914 - 2.70	15.88	12.17	.254 - 1.27	15.93	8.738	1.27 - 3.00	16.00	8.788	1.02 - 1.52
15.80	9.601	.381 - .762	15.85	6.477	1.02 - 1.91	15.88 6.426	.127 - 1.07		15.88 12.32	.127 - 2.03		15.93	8.865	2.00 - 2.60	16.00	8.992	1.27 - 1.78
15.80 9.754	.127 - .254		15.85	6.706	1.27 - 1.78	15.88	6.477	1.91 - 2.60	15.88	12.70	.813 - 1.52	15.93	9.525	.127 - .254	16.00	9.347	1.27 - 1.91
15.80	9.881	1.52 - 1.91	15.85	7.569	1.27 - 1.91	15.88	6.579	3.00 - 4.00	15.88	12.73	.508 - .762	15.93	9.550	2.00 - 2.60	16.00	9.754	.127 - 1.02
15.80 9.906	.127 - .254		15.85 7.925	.127 - .254		15.88 6.604	.127 - .254		15.88	12.85	.762 - 1.27	15.93	9.601	.762 - 1.27	16.00	9.830	.254 - .508
15.80	9.931	1.27 - 2.70	15.85	7.950	.635 - 1.14	15.88	6.629	.762 - 1.91	15.88	13.21	1.02 - 1.27	15.93	9.627	.762 - 1.27	16.00	10.01	1.52 - 1.78
15.80	10.16	.254 - .508	15.85	8.001	2.54 - 3.00	15.88 6.706	.127 - .381		15.88	13.51	.508 - .762	15.93	9.652	1.27 - 1.78	16.00	10.03	.127 - .508
15.80	10.34	.152 - .406	15.85	8.230	.762 - 1.07	15.88	6.731	1.02 - 1.27	15.88	14.48	.381 - .762	15.93	9.779	2.10 - 3.00	16.00	10.08	.127 - 2.30
15.80 10.39	.127 - .381		15.85	8.331	1.27 - 1.78	15.88	6.756	.381 - 2.54	15.90	2.438	.381 - .635	15.93 9.881	.127 - .254		16.00	10.16	.635 - 2.30
15.80	10.44	.635 - 1.02	15.85	8.382	1.52 - 2.30	15.88	6.807	.381 - 2.60	15.90	2.540	.381 - .762	15.93 9.957	.127 - .254		16.00	10.19	.381 - .762
15.80 11.13	.127 - .254		15.85	8.484	.762 - 1.27	15.88	6.883	.635 - 1.02	15.90 2.642	.127 - .254		15.93	10.31	1.27 - 2.30	16.00	10.24	.127 - .254
15.80	11.30	.381 - .762	15.85	8.509	.254 - .508	15.88	7.087	1.52 - 2.00	15.90	2.870	.762 - 1.27	15.93 11.23	.127 - .254		16.00	10.26	.127 - .254
15.80	11.43	1.27 - 1.78	15.85	8.712	2.70 - 3.00	15.88	7.112	.762 - 1.52	15.90 3.277	.127 - 3.00		15.93	12.07	.508 - .762	16.00	10.54	2.00 - 2.70
15.80 11.51	.127 - .254		15.85	9.550	2.00 - 3.00	15.88	7.137	3.00 - 3.00	15.90	3.277	3.00 - 3.00	15.93	12.34	.305 - .635	16.00	10.59	1.27 - 1.78
15.80 11.71	.127 - .254		15.85 9.601	.127 - .254		15.88	7.188	.635 - 1.52	15.90	3.378	.762 - 1.52	15.93	12.83	1.27 - 1.78	16.00	11.18	1.78 - 2.30
15.80	12.40	1.27 - 1.78	15.85	9.627	2.00 - 2.54	15.88 7.214	.127 - 1.02		15.90	3.962	.508 - .889	15.93 12.95	.127 - 1.02		16.00	12.07	.254 - .508
15.80	12.70	.254 - .508	15.85	9.652	2.70 - 3.00	15.88	7.366	2.30 - 2.54	15.90	4.902	.508 - 1.91	15.93 13.39	.127 - .254		16.00	12.17	1.02 - 1.27
15.80 12.78	.127 - .762		15.85	9.957	.762 - 1.27	15.88 7.442	.127 - 1.02		15.90	5.029	.635 - 1.02	15.93	13.89	.178 - .305	16.00	12.67	.127 - .254
15.80	13.51	.203 - .381	15.85	10.11	.508 - 1.02	15.88	7.569	.381 - .762	15.90	5.182	.762 - 4.00	15.95	2.438	.762 - 1.27	16.00	13.16	.254 - .508
15.80 13.54	.127 - .381		15.85	10.13	.762 - 1.27	15.88	7.595	.508 - 1.27	15.90	5.258	1.27 - 1.78	15.95 3.175	.127 - .254		16.00	14.07	.127 - .254
15.80 13.56	.127 - .254		15.85	10.24	.762 - 1.27	15.88 7.645	.127 - .254		15.90	5.512	2.54 - 3.00	15.95	4.216	1.27 - 1.78	16.03	3.810	1.02 - 1.52
15.80 13.72	.127 - .254		15.85	10.54	.635 - 1.27	15.88	7.671	1.27 - 1.78	15.90 5.817	.127 - .254		15.95	4.851	1.02 - 1.52	16.03	3.912	1.27 - 1.78
15.82	.762	.254 - .508	15.85	10.80	.889 - 1.27	15.88	7.899	1.07 - 1.57	15.90	6.426	1.52 - 2.00	15.95 5.029	.127 - .254		16.03	6.045	.127 - .254
15.82	1.575	.381 - .762	15.85	11.13	.762 - 1.27	15.88 7.925	.127 - 3.00		15.90	6.528	.381 - .762	15.95	5.283	.508 - 1.02	16.03	6.096	.254 - .508
15.82	2.388	1.52 - 1.91	15.85	11.18	.254 - .508	15.88 7.976	.127 - .762		15.90	6.655	2.54 - 3.00	15.95	5.893	.762 - 1.27	16.03	8.001	.381 - .762
15.82	2.540	1.02 - 1.52	15.85	11.23	.152 - .305	15.88	8.001	.635 - 1.02	15.90	6.807	.508 - 1.52	15.95	6.045	1.27 - 1.78	16.03	8.026	.127 - .254
15.82	3.200	1.02 - 1.27	15.85	11.30	1.27 - 1.78	15.88	8.026	1.02 - 1.52	15.90 7.137	.127 - .508		15.95 6.883	.127 - .254		16.03	8.077	.127 - .254
15.82	3.454	2.00 - 2.60	15.85 11.38	.127 - .381		15.88 8.077	.127 - 3.00		15.90	7.163	.508 - 1.02	15.95	7.290	2.30 - 2.70	16.03	8.103	.127 - .254
15.82	3.480	.762 - 1.52	15.85	11.48	.787 - 1.22	15.88	8.103	.508 - 1.02	15.90	7.925	.889 - 1.27	15.95	8.407	2.70 - 3.00	16.03	8.128	.127 - .254
15.82	3.759	.762 - 1.27	15.85	12.32	1.02 - 1.52	15.88	8.128	.254 - 1.27	15.90 7.976	.127 - 3.81		15.95	9.525	1.52 - 2.10	16.03	9.500	2.70 - 3.00
15.82	3.962	.508 - .889	15.85 12.70	.127 - .254		15.88	8.153	.381 - 1.78	15.90	8.001	1.02 - 1.52	15.95 12.12	.127 - .254		16.03	9.601	1.52 - 2.00
15.82	4.470	1.27 - 1.78	15.85	13.08	.508 - .762	15.88	8.179	1.14 - 1.91	15.90	8.052	.254 - .381	15.95	12.27	.762 - 1.27	16.03	9.804	1.52 - 2.00
15.82	4.547	1.27 - 2.30	15.85 13.54	.127 - .254		15.88	8.204	1.52 - 1.91	15.90	8.280	.508 - .762	15.95	12.95	.254 - .508	16.03	9.830	.254 - .508
15.82	4.826	.254 - 3.00	15.85 14.33	.127 - .254		15.88 8.230	.127 - .254		15.90	8.611	2.54 - 3.00	15.95	12.98	1.02 - 1.52	16.03	10.06	.127 - .254
15.82	4.851	.762 - 1.52	15.88 1.600	.127 - .254		15.88	8.306	1.78 - 2.00	15.90	8.738	.635 - 1.02	15.95	14.10	.508 - .762	16.03	10.13	.254 - .508
15.82	5.131	1.27 - 2.30	15.88	1.702	.203 - .406	15.88 8.331	.127 - 3.00		15.90 9.576	.127 - .254		15.98	2.413	1.57 - 1.98	16.03	10.24	1.52 - 2.00
15.82	5.588	1.27 - 2.30	15.88 2.210	.127 - .254		15.88	8.357	.508 - .762	15.90 9.627	.127 - .254		15.98	3.785	.381 - .762	16.03	10.44	.508 - .762
15.82	6.096	1.27 - 2.30	15.88 2.438	.127 - .254		15.88	8.382	.635 - 1.02	15.90 9.677	.127 - .254		15.98 4.496	.127 - .254		16.03	11.10	.127 - .254
15.82	6.274	.508 - .889	15.88	2.591	.508 - 1.02	15.88 8.407	.127 - .254		15.90 9.804	.127 - 1.91		15.98 5.740	.127 - .254		16.03	11.48	1.52 - 2.00
15.82 6.350	.127 - .254		15.88 2.921	.127 - .254		15.88	8.534	2.30 - 3.00	15.90 9.957	.127 - .254		15.98	7.366	1.27 - 2.10	16.05	4.064	.762 - 1.02
15.82	6.452	2.00 - 2.54	15.88	3.226	.254 - .508	15											

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
16.10	4.928	.381 - .635	16.28	13.54	.762 - 1.52	16.51	6.604	1.07 - 1.52	16.64	9.677	.508 - .762	16.76	12.88	.127 - .254	16.99	10.85	.762 - 1.27
16.10	8.382	.127 - .254	16.31	3.886	.762 - 1.27	16.51	7.366	.381 - .762	16.64	10.64	.127 - .254	16.76	14.30	.127 - .254	16.99	10.92	.254 - .508
16.10	8.992	.254 - .762	16.31	6.452	.381 - .762	16.51	7.899	1.91 - 2.30	16.64	10.69	1.27 - 1.78	16.76	14.66	.508 - .762	16.99	11.02	1.78 - 2.30
16.10	11.66	.508 - .762	16.31	10.44	.127 - .254	16.51	7.925	.127 - 3.00	16.64	11.81	.127 - .254	16.79	6.858	1.52 - 2.00	16.99	11.99	.762 - 1.27
16.10	12.12	.203 - .406	16.31	11.40	.127 - .254	16.51	8.001	.254 - .508	16.64	12.40	.127 - .254	16.79	8.534	.508 - 1.02	16.99	12.37	.152 - .381
16.10	12.14	.127 - .254	16.31	12.12	1.78 - 2.30	16.51	8.026	.127 - .254	16.64	13.00	.381 - .635	16.79	8.661	.127 - .254	16.99	13.08	.127 - .254
16.10	13.00	.254 - .508	16.31	12.24	.508 - 1.02	16.51	8.052	.127 - .254	16.64	13.34	1.02 - 1.52	16.79	10.24	1.02 - 1.52	16.99	13.79	.381 - .762
16.13	4.547	.254 - .381	16.31	13.61	.178 - .305	16.51	8.103	.127 - .254	16.64	13.41	.127 - .254	16.79	12.37	1.02 - 1.52	16.99	13.97	.381 - .762
16.13	5.080	.635 - 1.02	16.33	4.293	.127 - .254	16.51	8.255	1.27 - 1.91	16.64	13.46	.127 - .254	16.79	13.44	.381 - .635	16.99	14.02	.127 - .254
16.13	5.182	.254 - .508	16.33	4.420	.127 - .254	16.51	9.068	.381 - .762	16.66	2.997	.762 - 1.27	16.79	13.49	.254 - .508	17.02	3.073	1.52 - 2.00
16.13	7.925	.889 - 1.27	16.33	6.502	.254 - .508	16.51	9.500	.381 - .762	16.66	4.826	1.91 - 2.30	16.79	14.00	.127 - .254	17.02	3.124	.127 - .254
16.13	9.042	.254 - .508	16.33	8.179	.381 - .762	16.51	9.576	.508 - .762	16.66	4.953	1.27 - 1.91	16.79	14.81	.127 - .254	17.02	3.302	.127 - .254
16.13	9.525	.813 - 1.07	16.33	9.398	.127 - .254	16.51	9.652	1.27 - 1.78	16.66	4.978	.508 - 1.02	16.81	5.105	1.27 - 1.78	17.02	4.267	1.02 - 1.52
16.13	9.550	.127 - .254	16.33	12.75	.127 - .254	16.51	10.08	.127 - .254	16.66	6.553	.762 - 1.27	16.81	5.563	1.27 - 1.78	17.02	4.293	1.02 - 1.52
16.13	10.41	.127 - .254	16.33	12.78	.381 - .762	16.51	10.26	1.02 - 1.52	16.66	6.782	1.27 - 1.91	16.81	9.982	1.02 - 1.52	17.02	4.826	.381 - .813
16.13	11.25	.508 - .762	16.36	4.343	.127 - .254	16.51	10.41	2.00 - 2.30	16.66	7.061	.127 - .254	16.81	10.97	1.52 - 2.00	17.02	5.944	.127 - .254
16.13	11.94	.762 - 1.07	16.36	8.026	.508 - .889	16.51	10.77	.127 - 2.54	16.66	7.366	1.78 - 2.30	16.81	11.71	.762 - 1.27	17.02	6.020	.127 - .254
16.13	13.49	.635 - 1.02	16.36	8.788	.381 - .762	16.51	11.91	1.27 - 1.78	16.66	8.128	.635 - 1.02	16.81	12.12	.254 - .508	17.02	6.071	.127 - .254
16.15	4.547	.203 - .381	16.36	10.06	.635 - 1.02	16.51	12.70	.127 - .254	16.66	8.661	.762 - 1.27	16.81	12.37	1.52 - 1.78	17.02	6.096	.127 - .254
16.15	9.677	.381 - .762	16.36	11.53	.635 - 1.02	16.51	12.78	.381 - .762	16.66	9.576	.381 - .762	16.81	14.05	.254 - .508	17.02	6.223	.508 - .762
16.15	9.754	.127 - .254	16.36	12.12	.508 - .762	16.51	12.83	.508 - .762	16.66	9.830	.762 - 1.27	16.84	11.61	1.27 - 1.78	17.02	6.426	.127 - .254
16.15	9.982	.508 - .762	16.36	12.78	.508 - 1.02	16.51	12.88	.254 - .508	16.66	10.08	.381 - .635	16.84	12.80	.127 - .254	17.02	6.528	1.02 - 3.00
16.15	10.41	.127 - .381	16.38	3.861	.762 - 1.27	16.51	13.56	.635 - 1.02	16.66	10.26	2.00 - 2.60	16.84	14.12	.254 - .508	17.02	6.604	.508 - .762
16.15	11.53	.381 - .762	16.38	4.318	.889 - 1.27	16.51	14.05	.254 - .508	16.66	10.31	2.30 - 3.00	16.87	6.502	2.54 - 3.00	17.02	7.112	.254 - .508
16.15	14.35	.127 - .254	16.38	5.436	.254 - .508	16.51	14.27	.127 - .254	16.66	11.51	.127 - 1.02	16.87	6.579	.127 - 3.00	17.02	7.620	.127 - .254
16.18	6.198	.508 - 1.02	16.38	8.026	.508 - .813	16.54	3.734	1.07 - 1.52	16.66	11.68	.635 - .889	16.87	10.49	.762 - 1.27	17.02	8.001	.127 - .254
16.18	9.042	.127 - .254	16.38	8.814	.635 - 1.02	16.54	4.064	.508 - .762	16.66	11.94	.889 - 1.27	16.87	12.78	.635 - 1.27	17.02	8.052	.127 - .254
16.18	9.677	.635 - 1.02	16.38	9.982	1.27 - 1.57	16.54	5.817	.127 - .254	16.66	12.42	.127 - .254	16.89	4.394	1.27 - 1.91	17.02	8.103	1.27 - 1.78
16.18	10.80	.305 - .508	16.38	11.02	.813 - 1.22	16.54	8.001	.254 - .508	16.66	12.70	.762 - 1.27	16.89	6.325	.762 - 1.27	17.02	8.382	1.27 - 1.91
16.21	3.962	.813 - 1.22	16.38	11.94	.127 - .254	16.54	9.500	.254 - .508	16.66	12.78	.254 - .508	16.89	6.375	1.91 - 2.30	17.02	8.407	.127 - .254
16.21	6.680	1.02 - 1.52	16.38	12.95	.127 - .254	16.54	9.576	.762 - 1.27	16.66	12.95	.127 - .254	16.89	8.484	1.27 - 3.00	17.02	8.890	.508 - 2.54
16.21	10.41	.508 - 1.02	16.38	13.16	1.02 - 1.52	16.54	9.627	.127 - .254	16.66	12.98	.127 - .762	16.89	9.500	3.00 - 4.00	17.02	9.144	1.02 - 1.27
16.21	12.85	.635 - 1.02	16.41	5.182	1.52 - 1.78	16.54	9.652	.381 - .762	16.66	13.08	.381 - .762	16.89	10.08	1.78 - 2.30	17.02	9.601	1.52 - 2.00
16.23	8.255	.254 - .508	16.41	5.334	1.52 - 2.80	16.54	10.01	.127 - .254	16.66	13.41	.381 - .762	16.89	11.02	1.02 - 1.52	17.02	9.703	.762 - 1.52
16.23	10.01	.508 - 1.02	16.41	6.477	.508 - .762	16.54	10.11	.127 - .254	16.66	14.30	.508 - 1.02	16.89	13.08	.635 - 1.02	17.02	10.11	1.02 - 1.52
16.23	10.54	.635 - 1.02	16.41	6.934	.508 - .889	16.54	11.43	.254 - .508	16.66	14.35	.254 - .508	16.89	13.97	.127 - .305	17.02	10.31	.127 - .254
16.23	11.13	.762 - 1.27	16.41	8.026	.127 - .305	16.54	11.81	.254 - .508	16.69	5.486	1.52 - 2.00	16.89	14.63	.762 - 1.22	17.02	11.15	.127 - .254
16.23	11.15	1.02 - 1.27	16.41	8.738	.508 - .762	16.54	12.32	1.02 - 1.52	16.69	6.350	2.00 - 2.70	16.92	3.632	.381 - .762	17.02	12.04	1.78 - 2.30
16.23	11.51	.127 - .254	16.41	9.982	2.30 - 2.70	16.54	12.83	.127 - .254	16.69	6.477	.381 - .762	16.92	4.267	1.91 - 2.30	17.02	12.19	.254 - .508
16.23	13.31	.635 - .889	16.41	10.39	.127 - .254	16.54	14.00	.127 - .762	16.69	8.382	1.91 - 2.54	16.92	4.978	.508 - 1.02	17.02	12.22	1.02 - 1.52
16.23	13.97	.127 - .254	16.41	11.35	.127 - .254	16.56	2.438	1.57 - 1.98	16.69	8.585	2.70 - 3.00	16.92	6.502	1.91 - 2.30	17.02	12.57	1.02 - 1.57
16.23	14.63	.381 - .762	16.41	13.69	.127 - .254	16.56	2.997	1.57 - 2.30	16.69	9.220	.127 - .254	16.92	6.782	1.02 - 1.57	17.02	12.78	.508 - 1.02
16.26	.914	.381 - .762	16.43	3.327	.127 - .254	16.56	4.902	.762 - 1.27	16.69	10.49	.127 - .254	16.92	10.92	.508 - .762	17.02	13.84	.127 - .254
16.26	1.854	.635 - 1.02	16.43	4.851	.762 - 1.27	16.56	9.550	.127 - .254	16.69	10.59	.127 - .254	16.92	11.51	.381 - .635	17.02	14.58	.762 - 1.27
16.26	4.267	.635 - 1.02	16.43	7.188	.762 - 1.27	16.56	10.16	.254 - .508	16.69	13.46	.508 - 1.02	16.92	12.07	.508 - 1.02	17.04	5.080	.635 - 1.07
16.26	4.445	.635 - 1.07	16.43	9.017	.254 - .508	16.56	10.31	.381 - .762	16.69	13.49	1.02 - 1.52	16.92	12.14	.762 - 1.27	17.04	6.071	.127 - .254
16.26	4.724	.762 - 1.27	16.43	9.677	2.70 - 3.00	16.56	10.46	.127 - .254	16.69	13.67	1.02 - 1.52	16.92	13.64	.127 - .254	17.04	6.706	.127 - .254
16.26	6.375	.508 - 1.02	16.43	10.34	.762 - 1.27	16.56	11.05	.127 - .254	16.69	15.57	.406 - .635	16.92	14.33	.254 - .508	17.04	7.899	1.98 - 2.30
16.26	6.502	.127 - .254	16.43	11.99	.381 - .762	16.56	11.15	.508 - 1.02	16.71	6.477	.254 - .508	16.92	14.71	.127 - .254	17.04	8.001	.127 - .254
16.26	8.484	.127 - .254	16.43	12.50	.127 - .254	16.56	11.51	.127 - .254	16.71	7.976	.762 - 1.27	16.94	5.410	.305 - .508	17.04	8.026	.381 - .762
16.26	8.687	1.02 - 1.52	16.46	2.362	.127 - .254	16.56	12.73	.762 - 1.07	16.71	9.525	.254 - .508	16.94	6.858	.635 - 1.02	17.04	8.103	.127 - .254
16.26	9.169	.762 - 1.27	16.46	3.658	.508 - 1.02	16.56	12.95	.254 - .508	16.71	11.10	.127 - .305	16.94	6.985	.635 - 1.07	17.04	8.179	.127 - .254
16.26	9.576	.762 - 1.02	16.46	5.131	.203 - .381	16.59	3.912	1.02 - 1.57	16.71	12.14	.381 - .635	16.94	8.103	1.07 - 1.57	17.04	8.255	.381 - .762
16.26	9.906	1.27 - 1.91	16.46	5.309	.381 - .762												

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
17.09	12.70	.508 - .914	17.27	8.280	1.78 - 2.30	17.40	9.423	2.54 - 3.00	17.45	8.890	1.27 - 1.91	17.50	7.137	1.27 - 1.78	17.60	11.13	.508 - .762
17.12	2.413	.254 - .508	17.27	8.382	.381 - .762	17.40	9.525	.813 - 1.57	17.45	9.119	.635 - 1.22	17.50	7.950	.508 - 1.02	17.60	11.25	.127 - .254
17.12	9.576	.635 - 1.02	17.27	9.373	1.27 - 1.91	17.40	9.550	2.54 - 3.00	17.45	9.423	2.54 - 3.00	17.50	8.103	.635 - 1.02	17.60	13.69	1.27 - 1.78
17.12	10.03	.127 - .254	17.27	10.72	.127 - .381	17.40	9.601	2.00 - 2.54	17.45	9.550	.254 - .508	17.50	8.128	.127 - .254	17.63	9.398	.254 - .508
17.12	11.20	.127 - 2.00	17.27	11.23	1.02 - 1.52	17.40	9.627	.254 - 1.22	17.45	9.601	.254 - .508	17.50	8.255	1.02 - 1.52	17.63	9.627	1.52 - 1.78
17.12	11.43	1.02 - 1.52	17.27	11.30	.127 - .254	17.40	9.652	.635 - 1.52	17.45	9.627	.127 - .254	17.50	8.763	1.02 - 1.52	17.65	4.953	.381 - .635
17.12	12.01	.635 - 1.02	17.27	11.35	.254 - .508	17.40	9.931	2.30 - 2.80	17.45	9.652	.635 - 1.02	17.50	9.525	.254 - .508	17.65	4.978	.813 - 1.57
17.12	12.19	1.78 - 2.30	17.27	11.94	.127 - .254	17.40	9.957	2.30 - 2.80	17.45	9.754	.254 - 1.02	17.50	9.576	1.27 - 1.78	17.65	6.706	.127 - .305
17.12	12.80	1.91 - 2.30	17.27	12.09	.762 - 1.27	17.40	10.41	1.52 - 1.98	17.45	9.779	.127 - 2.02	17.50	10.11	.127 - .254	17.65	6.731	.762 - 1.52
17.12	13.61	1.02 - 1.52	17.27	12.32	1.27 - 1.52	17.40	10.74	2.54 - 3.00	17.45	9.804	1.78 - 2.30	17.50	10.19	.381 - .762	17.65	7.163	.127 - .254
17.12	14.27	.508 - .762	17.27	12.70	.813 - 1.27	17.40	10.85	.813 - 1.07	17.45	9.982	.127 - .381	17.50	10.21	.813 - 1.22	17.65	8.509	.635 - 1.02
17.15	2.413	.127 - 2.02	17.27	12.80	.508 - 1.02	17.40	11.20	.127 - .254	17.45	10.08	1.27 - 1.91	17.50	10.36	2.54 - 3.00	17.65	8.966	.254 - .508
17.15	5.156	.508 - 1.02	17.27	13.06	.508 - 1.02	17.40	11.43	.203 - .508	17.45	10.31	1.02 - 1.27	17.50	11.05	.127 - .254	17.65	10.46	2.00 - 2.60
17.15	5.690	.127 - .254	17.27	13.31	.762 - 1.27	17.40	11.94	1.27 - 1.78	17.45	10.34	1.52 - 1.78	17.50	11.10	.127 - .254	17.65	10.52	.305 - .635
17.15	7.112	1.52 - 2.30	17.27	13.72	.127 - .254	17.40	12.01	1.52 - 2.00	17.45	10.57	1.27 - 1.52	17.50	11.89	.381 - 3.00	17.65	12.34	1.52 - 1.78
17.15	7.214	.813 - 1.27	17.27	14.20	.127 - .254	17.40	12.07	.508 - 1.02	17.45	11.00	1.27 - 3.00	17.50	11.96	.127 - .254	17.65	13.16	.762 - 1.02
17.15	7.645	1.27 - 2.70	17.27	14.33	.762 - 1.27	17.40	12.14	.381 - .762	17.45	11.13	.127 - .508	17.50	11.99	.762 - 1.27	17.65	13.21	.127 - .254
17.15	10.16	.635 - 1.02	17.27	14.35	.127 - 1.27	17.40	12.37	.508 - .762	17.45	11.20	.508 - 1.78	17.50	12.52	1.02 - 1.52	17.65	14.15	.127 - .254
17.15	10.57	.381 - .762	17.30	4.826	.762 - 1.27	17.40	13.21	.254 - .508	17.45	11.25	.762 - 3.00	17.50	12.55	1.27 - 1.91	17.65	14.17	.381 - .762
17.15	11.18	.127 - .254	17.30	6.375	1.27 - 1.78	17.40	13.54	1.52 - 2.10	17.45	11.30	.305 - .508	17.50	12.70	.127 - .254	17.65	15.90	.381 - .635
17.15	11.23	.127 - .254	17.30	6.706	.762 - 1.27	17.40	14.43	.762 - 1.27	17.45	11.48	.254 - .508	17.50	13.13	.762 - 1.27	17.68	.940	.178 - .381
17.15	11.35	2.00 - 2.54	17.30	9.931	.127 - .254	17.40	15.47	.254 - .762	17.45	11.56	1.27 - 2.54	17.50	14.33	.254 - .762	17.68	3.734	.127 - .381
17.15	11.63	.508 - 1.02	17.30	10.03	.127 - 1.27	17.42	1.676	.914 - 1.27	17.45	11.81	2.00 - 2.54	17.50	14.35	.254 - .508	17.68	3.962	.127 - .254
17.15	11.68	.254 - .508	17.30	10.19	.508 - 1.02	17.42	2.388	.127 - .254	17.45	11.89	1.02 - 1.52	17.50	14.66	.762 - 1.27	17.68	4.216	1.57 - 2.30
17.15	12.19	.127 - 1.52	17.30	11.18	.127 - .254	17.42	3.429	.762 - 1.27	17.45	11.91	1.27 - 2.00	17.53	1.930	.254 - .508	17.68	4.521	1.57 - 1.98
17.15	12.70	1.02 - 1.52	17.30	12.78	.381 - .762	17.42	3.454	1.02 - 1.52	17.45	12.07	.381 - .762	17.53	4.242	.127 - .254	17.68	4.978	1.27 - 1.78
17.15	13.08	.635 - 1.22	17.30	13.08	.127 - .254	17.42	3.734	.381 - .635	17.45	12.22	1.27 - 1.78	17.53	4.394	1.27 - 1.78	17.68	7.137	2.30 - 3.00
17.15	14.78	.127 - .254	17.32	3.277	.381 - .635	17.42	4.039	2.00 - 2.54	17.45	12.37	.635 - 1.02	17.53	4.775	1.02 - 1.52	17.68	11.63	.635 - 1.07
17.17	7.315	.254 - .635	17.32	8.458	1.78 - 2.30	17.42	4.089	.127 - .254	17.45	12.70	.254 - 1.27	17.53	4.826	.254 - .508	17.68	12.65	.127 - .254
17.17	9.398	1.78 - 2.00	17.32	8.915	1.27 - 1.78	17.42	4.242	1.02 - 3.00	17.45	12.78	.127 - .254	17.53	4.877	1.52 - 2.00	17.68	13.49	.381 - .762
17.17	11.18	.127 - .254	17.32	9.271	.127 - .254	17.42	5.029	1.07 - 1.52	17.45	12.85	.127 - .254	17.53	5.131	.762 - 1.27	17.70	7.950	2.30 - 2.80
17.17	12.70	.635 - 1.07	17.32	10.03	.127 - .254	17.42	5.131	2.54 - 3.00	17.45	12.95	1.27 - 1.52	17.53	5.232	1.27 - 1.91	17.70	13.51	.635 - 1.02
17.17	13.08	.508 - .762	17.32	10.16	.813 - 1.22	17.42	6.401	1.02 - 1.52	17.45	12.98	.508 - 1.02	17.53	5.588	.508 - .813	17.73	5.867	.127 - .254
17.17	14.35	.508 - 1.02	17.32	11.15	.635 - 1.02	17.42	6.426	1.07 - 1.57	17.45	13.03	1.07 - 1.57	17.53	6.350	3.00 - 3.00	17.73	9.169	.127 - .254
17.20	4.267	.508 - .762	17.32	11.18	.508 - .762	17.42	6.833	1.27 - 1.83	17.45	13.13	.762 - 1.22	17.53	6.452	1.27 - 1.78	17.73	12.12	.127 - .254
17.20	9.830	.127 - .254	17.32	11.99	1.57 - 1.98	17.42	6.858	.127 - .254	17.45	14.33	.127 - .254	17.53	6.706	2.70 - 3.00	17.73	12.70	.127 - .254
17.20	11.20	1.52 - 2.00	17.32	12.34	.127 - .254	17.42	7.950	2.54 - 3.00	17.45	14.38	.127 - .381	17.53	6.731	2.54 - 3.00	17.73	13.39	.127 - .254
17.20	11.63	.635 - 1.02	17.32	14.68	.381 - .762	17.42	8.763	1.52 - 2.00	17.48	3.302	1.27 - 1.52	17.53	7.112	1.27 - 1.91	17.73	13.74	.635 - 1.02
17.20	11.89	.254 - .508	17.32	15.27	.508 - .762	17.42	8.788	.635 - .889	17.48	4.267	1.27 - 1.52	17.53	7.137	1.27 - 1.78	17.73	13.77	.762 - 1.52
17.20	12.09	1.02 - 1.52	17.35	3.073	1.27 - 1.78	17.42	9.144	.381 - .635	17.48	5.207	.635 - 1.02	17.53	8.052	2.00 - 2.54	17.73	14.33	.254 - .508
17.20	13.28	.127 - .254	17.35	4.369	.254 - .635	17.42	9.576	1.52 - 2.00	17.48	5.232	1.02 - 1.52	17.53	8.204	.508 - 1.78	17.73	15.29	.127 - .254
17.20	13.34	.127 - .254	17.35	8.763	1.78 - 2.30	17.42	9.627	.635 - 1.02	17.48	5.486	1.27 - 1.78	17.53	8.534	1.52 - 1.91	17.73	15.90	.127 - .254
17.20	13.56	.127 - .254	17.35	9.550	.127 - .254	17.42	9.677	2.00 - 2.70	17.48	6.426	.254 - .508	17.53	8.712	1.27 - 1.78	17.75	1.778	1.02 - 1.52
17.22	4.902	1.52 - 2.30	17.35	9.601	.381 - .762	17.42	9.779	1.22 - 1.57	17.48	6.579	1.02 - 1.52	17.53	8.738	2.54 - 3.00	17.75	1.930	.381 - .635
17.22	6.502	.889 - 1.52	17.35	10.06	1.78 - 2.30	17.42	9.906	1.22 - 1.57	17.48	6.680	.127 - 3.00	17.53	8.992	.127 - .254	17.75	5.105	1.02 - 1.52
17.22	9.754	.508 - .813	17.35	10.16	.813 - 1.07	17.42	9.957	1.27 - 1.57	17.48	6.680	3.00 - 5.00	17.53	9.271	.127 - .254	17.75	5.334	1.52 - 2.00
17.22	10.29	.254 - .762	17.35	10.31	1.02 - 1.52	17.42	10.03	.254 - .508	17.48	7.214	.127 - .254	17.53	9.550	.254 - .762	17.75	9.550	.127 - .254
17.22	11.18	.127 - .254	17.35	11.18	.381 - .762	17.42	10.11	.127 - .254	17.48	7.899	.254 - 1.02	17.53	9.779	2.30 - 2.60	17.75	9.652	.127 - .254
17.22	11.23	.305 - .508	17.35	12.14	.635 - .889	17.42	10.69	.127 - .254	17.48	7.950	.508 - 4.00	17.53	11.07	2.54 - 3.00	17.75	12.27	.127 - .254
17.22	11.40	1.02 - 1.52	17.35	12.40	2.00 - 2.60	17.42	11.10	.381 - .762	17.48	8.026	.127 - .254	17.53	12.07	.762 - 1.27	17.75	12.70	.254 - .508
17.22	12.80	.381 - .762	17.35	12.95	.762 - 1.57	17.42	11.13	1.27 - 1.91	17.48	8.052	.127 - .254	17.53	12.55	1.91 - 2.30	17.75	12.75	.127 - .254
17.22	12.88	.127 - .254	17.35	14.48	1.02 - 1.27	17.42	12.27	1.27 - 1.91	17.48	8.280	.381 - .762	17.53	12.78	1.27 - 1.78	17.75	12.78	1.78 - 2.30
17.22	13.44	.127 - 1.78	17.35	14.61	1.02 - 1.52	17.42	12.70	.762 - 1.78	17.48	8.382	.762 - 1.27	17.53	13.46	1.02 - 1.52	17.75	13.06	1.52 - 2.00
17.22	13.46	.381 - .762	17.35	14.71	.381 - .635	17.42	12.75	.635 - 1.07	17.48	8.484	.127 - .254	17.53	13.54				

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
18.57	10.82	.254 - .508	18.72	13.64	.762 - 1.27	18.85	11.84	1.52 - 1.91	18.95	2.540	.813 - 1.27	19.00	8.052	.127 - .254	19.02	11.18	.127 - .178
18.57	11.00	.762 - 1.27	18.72	13.87	.127 - .254	18.85	12.04	2.00 - 2.54	18.95	3.175	.381 - .762	19.00	8.103	.127 - .254	19.02	11.30	.127 - .381
18.57	11.51	2.54 - 3.00	18.72	13.97	.635 - 1.02	18.85	12.75	1.52 - 1.78	18.95	4.216	1.27 - 1.91	19.00	8.179	.127 - .254	19.02	11.89	.127 - .254
18.57	12.24	.508 - 1.02	18.75	8.687	1.07 - 1.52	18.85	13.13	.127 - .762	18.95	5.080	1.52 - 2.00	19.00	8.331	2.70 - 3.00	19.02	11.96	1.27 - 1.78
18.57	14.33	.127 - .254	18.75	8.788	.127 - .254	18.85	14.38	.635 - 1.02	18.95	5.156	.762 - 1.27	19.00	8.407	.381 - .762	19.02	12.04	1.27 - 1.78
18.59	1.092	.254 - .508	18.75	13.67	.381 - .762	18.85	15.06	.635 - 1.02	18.95	6.426	1.02 - 1.52	19.00	9.068	1.78 - 2.30	19.02	12.67	.508 - 2.00
18.59	4.039	1.78 - 2.30	18.75	13.72	.381 - .635	18.85	17.04	.254 - .508	18.95	6.604	.127 - .254	19.00	9.550	.127 - .254	19.02	12.78	.127 - .254
18.59	4.140	.381 - .762	18.75	13.82	.127 - .254	18.87	3.658	1.78 - 2.30	18.95	7.239	.127 - .254	19.00	9.576	4.00 - 5.00	19.02	12.80	2.30 - 3.00
18.59	4.191	.127 - .254	18.75	15.11	.127 - .254	18.87	6.883	1.27 - 1.91	18.95	8.026	.127 - .762	19.00	9.754	.508 - 1.02	19.02	12.88	.203 - .406
18.59	5.055	1.07 - 2.00	18.77	5.639	1.02 - 1.52	18.87	9.906	.127 - .254	18.95	8.077	1.98 - 2.30	19.00	9.779	.127 - .254	19.02	13.13	.127 - .254
18.59	6.426	.254 - .381	18.77	7.747	.254 - .508	18.87	10.59	.127 - .254	18.95	8.103	1.02 - 1.52	19.00	9.982	1.52 - 2.00	19.02	13.41	.127 - .254
18.59	6.680	1.02 - 1.57	18.77	8.458	1.27 - 1.78	18.87	12.07	1.02 - 1.27	18.95	9.627	1.02 - 1.52	19.00	10.08	.127 - .254	19.02	13.49	.127 - .254
18.59	7.137	1.27 - 1.91	18.77	10.34	1.52 - 2.00	18.87	12.40	1.52 - 2.00	18.95	9.804	1.52 - 1.78	19.00	10.16	.127 - .254	19.02	14.27	.254 - .508
18.59	7.366	.127 - .254	18.77	10.95	1.78 - 2.30	18.87	13.49	.127 - .254	18.95	9.906	.152 - .254	19.00	11.46	.127 - .254	19.02	14.30	.127 - .254
18.59	8.382	.127 - 1.52	18.77	12.83	.381 - .762	18.87	13.74	.127 - .254	18.95	9.982	2.80 - 3.00	19.00	11.71	.254 - .508	19.02	15.09	.254 - .508
18.59	11.25	.381 - .762	18.77	13.18	.127 - .254	18.87	14.12	.127 - .203	18.95	10.03	.762 - 1.27	19.00	11.73	.127 - .254	19.02	15.11	.889 - 1.57
18.59	12.07	.203 - .381	18.77	13.26	.381 - .762	18.87	14.53	1.02 - 1.52	18.95	10.29	.127 - .254	19.00	12.01	.127 - .381	19.02	15.47	.127 - .254
18.59	12.75	.635 - 1.07	18.77	14.35	.381 - .762	18.87	15.14	.127 - .254	18.95	11.10	1.07 - 1.52	19.00	12.73	2.30 - 2.70	19.02	15.75	.381 - .762
18.59	13.97	1.02 - 1.27	18.77	14.63	.127 - .254	18.87	15.24	.254 - 2.00	18.95	11.13	.127 - .254	19.00	12.78	.254 - 1.02	19.02	15.90	1.02 - 1.52
18.62	4.039	1.78 - 2.30	18.77	15.37	1.02 - 1.52	18.87	15.82	.254 - .508	18.95	11.30	1.02 - 1.52	19.00	12.80	1.27 - 1.78	19.02	16.08	.254 - .508
18.62	9.881	.254 - .508	18.77	16.05	.127 - .254	18.87	16.00	.406 - .635	18.95	11.56	.254 - .508	19.00	12.88	.508 - .914	19.02	16.26	.762 - 1.27
18.62	11.05	.762 - 1.27	18.77	16.10	.127 - .254	18.90	4.750	2.54 - 3.00	18.95	11.91	.762 - 1.52	19.00	12.98	.254 - .508	19.02	16.36	.127 - .254
18.62	13.08	1.27 - 1.78	18.77	16.66	.635 - 1.02	18.90	5.461	.762 - 1.27	18.95	12.19	.381 - .635	19.00	13.03	1.78 - 2.30	19.02	16.51	1.02 - 1.27
18.62	16.51	.254 - .381	18.80	3.632	1.78 - 2.00	18.90	5.994	.254 - .508	18.95	12.19	2.00 - 2.30	19.00	14.05	.127 - .254	19.02	16.99	.127 - .254
18.64	4.115	.381 - .762	18.80	4.064	.127 - .254	18.90	6.655	.381 - .762	18.95	12.67	.508 - 1.02	19.00	14.30	.381 - .762	19.05	1.600	.635 - 1.22
18.64	4.750	.127 - .254	18.80	5.080	.127 - .254	18.90	9.398	.381 - .762	18.95	12.70	.127 - .305	19.00	14.48	.127 - .305	19.05	1.981	.127 - .254
18.64	4.877	2.00 - 3.00	18.80	5.232	.127 - .254	18.90	9.728	.889 - 1.27	18.95	13.23	.127 - .254	19.00	14.55	.305 - .508	19.05	2.286	.254 - .381
18.64	5.029	1.78 - 2.30	18.80	8.077	.127 - .254	18.90	9.855	.127 - .254	18.95	13.49	.127 - .508	19.00	14.78	.127 - .254	19.05	2.438	1.52 - 2.30
18.64	5.156	1.02 - 2.00	18.80	8.661	1.27 - 1.78	18.90	10.24	.787 - 1.22	18.95	13.54	.762 - 1.27	19.00	15.90	1.02 - 1.52	19.05	2.591	.381 - .635
18.64	6.553	1.02 - 1.52	18.80	8.738	.508 - .762	18.90	10.39	1.27 - 1.78	18.95	14.35	1.91 - 2.30	19.00	15.98	.254 - .508	19.05	2.997	.127 - .254
18.64	6.604	.813 - 1.27	18.80	8.941	.508 - 1.02	18.90	10.49	2.70 - 3.00	18.95	14.71	.635 - 1.22	19.00	16.05	.381 - .762	19.05	3.175	.305 - .635
18.64	8.026	.254 - .508	18.80	9.576	1.27 - 2.40	18.90	10.92	.127 - .254	18.95	15.44	1.27 - 1.78	19.00	16.10	.127 - .762	19.05	3.200	.127 - .254
18.64	9.550	.762 - 1.27	18.80	9.652	.762 - 3.00	18.90	11.40	1.52 - 2.00	18.95	15.77	.127 - .254	19.00	16.13	.381 - .635	19.05	3.251	.127 - .254
18.64	9.652	.254 - .381	18.80	9.804	.127 - .254	18.90	11.43	1.27 - 1.91	18.95	16.10	.254 - .508	19.00	16.36	.635 - 1.02	19.05	3.277	2.30 - 2.60
18.64	10.31	1.27 - 3.00	18.80	9.906	.127 - 1.27	18.90	12.70	.127 - .305	18.95	17.02	.127 - .254	19.00	17.02	.127 - .381	19.05	3.404	.127 - .254
18.64	10.67	2.40 - 3.00	18.80	9.931	.127 - .254	18.90	12.80	.127 - .254	18.97	3.327	.635 - 1.02	19.00	17.60	.127 - .254	19.05	3.632	.381 - .762
18.64	11.84	1.52 - 1.91	18.80	10.41	2.70 - 3.00	18.90	12.88	1.02 - 1.91	18.97	3.632	.762 - 1.27	19.02	1.626	.762 - 1.27	19.05	3.708	.254 - 1.98
18.64	12.32	.508 - .762	18.80	10.46	1.57 - 1.91	18.90	13.34	1.02 - 1.27	18.97	5.436	1.65 - 2.00	19.02	2.210	.381 - .762	19.05	3.734	.127 - .381
18.64	13.08	.762 - 1.07	18.80	11.15	.127 - .254	18.90	13.51	.254 - .508	18.97	5.969	.127 - .254	19.02	4.064	.203 - .406	19.05	3.785	.254 - .508
18.64	13.49	.127 - .254	18.80	11.18	.254 - .508	18.90	14.25	.127 - .254	18.97	6.629	.381 - .635	19.02	4.089	1.52 - 2.30	19.05	3.810	.127 - .508
18.64	16.00	.813 - 1.22	18.80	11.51	.508 - 1.02	18.90	15.21	.127 - .305	18.97	8.001	.127 - .254	19.02	4.597	1.52 - 2.30	19.05	3.937	.127 - .254
18.67	4.902	1.27 - 1.78	18.80	12.42	.127 - 2.00	18.92	2.413	.127 - .254	18.97	8.026	.762 - 1.02	19.02	4.826	.254 - .508	19.05	3.962	.635 - 1.91
18.67	7.163	1.27 - 1.78	18.80	12.73	.203 - .381	18.92	3.048	.381 - 1.02	18.97	8.052	1.02 - 1.52	19.02	4.928	2.30 - 3.00	19.05	4.089	2.30 - 2.54
18.67	8.153	.762 - 1.52	18.80	12.75	2.00 - 2.54	18.92	3.200	.813 - 1.27	18.97	8.230	.508 - .762	19.02	5.080	.508 - 1.07	19.05	4.191	1.52 - 2.00
18.67	8.788	1.27 - 2.00	18.80	12.95	1.02 - 1.52	18.92	3.632	.889 - 1.4	18.97	9.550	.254 - .508	19.02	5.156	3.00 - 4.00	19.05	4.216	.635 - .889
18.67	9.373	1.52 - 2.00	18.80	15.32	.127 - .254	18.92	4.674	.254 - .508	18.97	9.576	.254 - .381	19.02	5.182	.127 - 1.52	19.05	4.343	.127 - .254
18.67	9.652	2.70 - 4.00	18.80	15.90	.127 - .254	18.92	4.826	1.02 - 1.52	18.97	9.652	.203 - .406	19.02	5.588	2.70 - 3.00	19.05	4.369	.254 - .508
18.67	9.779	.508 - .762	18.80	15.95	.127 - .254	18.92	4.851	.635 - .889	18.97	10.03	.254 - .508	19.02	5.613	1.02 - 1.52	19.05	4.674	.762 - 1.27
18.67	9.982	.127 - 2.80	18.80	16.03	.127 - .254	18.92	4.902	.508 - 1.52	18.97	10.08	2.70 - 3.00	19.02	5.817	4.00 - 5.00	19.05	4.724	.127 - .381
18.67	10.19	.381 - .635	18.80	16.74	.127 - .254	18.92	5.080	1.27 - 1.78	18.97	11.89	.762 - 1.27	19.02	6.020	.127 - .254	19.05	4.775	1.52 - 2.10
18.67	10.46	.127 - .254	18.80	17.55	.127 - .254	18.92	5.436	.381 - .762	18.97	12.07	.203 - .305	19.02	6.045	.254 - .508	19.05	4.801	.127 - 2.60
18.67	11.46	1.27 - 1.78	18.80	17.68	.254 - .508	18.92	5.944	1.02 - 1.52	18.97	12.14	.127 - .381	19.02	6.401	.635 - 1.02	19.05	4.826	.381 - 3.00
18.67	11.53	2.54 - 3.00	18.82	5.105	.381 - .635	18.92	6.198	.127 - .254	18								

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
23.77	15.93	1.02 - 1.52	23.83	12.88	.127 - .254	23.90	3.023	.762 - 1.52	24.00	12.12	.127 - .254	24.13	12.78	.254 - .508	24.38	19.89	.508 - .762
23.77	16.28	2.54 - 3.00	23.83	13.23	.127 - .254	23.90	3.810	1.52 - 1.78	24.00	12.29	1.27 - 1.91	24.13	12.83	.254 - .508	24.41	11.13	1.27 - 1.78
23.77	16.38	2.70 - 3.00	23.83	13.51	2.70 - 3.00	23.90	6.528	.254 - .508	24.00	12.75	.127 - .254	24.13	13.00	2.54 - 3.00	24.41	12.70	1.02 - 1.27
23.77	16.51	1.27 - 1.78	23.83	13.97	.127 - .254	23.90	6.604	1.27 - 1.78	24.00	13.00	.127 - .254	24.13	13.49	1.52 - 2.00	24.41	15.77	.127 - .254
23.77	16.76	.127 - .203	23.83	14.27	.762 - 1.27	23.90	11.66	.508 - .762	24.00	13.06	5.00 - 5.00	24.13	14.40	.762 - 1.27	24.41	17.17	.508 - .762
23.77	17.45	1.32 - 2.10	23.83	14.30	.381 - .762	23.90	12.29	.127 - .254	24.00	13.18	1.02 - 1.52	24.13	16.26	.762 - 3.00	24.41	18.54	.127 - .254
23.77	18.24	.508 - 1.02	23.83	15.11	.127 - .254	23.90	12.70	1.02 - 1.52	24.00	14.07	.254 - .508	24.13	17.68	.762 - 1.02	24.41	21.44	.254 - .508
23.80	2.032	.508 - .889	23.83	15.14	.127 - .254	23.90	13.51	.762 - 1.27	24.00	15.49	1.52 - 2.00	24.13	19.69	.508 - .889	24.41	22.30	.127 - .254
23.80	2.337	1.27 - 1.78	23.83	16.15	.762 - 1.27	23.90	14.10	.127 - .305	24.00	15.93	.813 - 1.07	24.13	20.50	.254 - .508	24.43	1.143	.381 - .635
23.80	2.794	1.27 - 1.78	23.83	16.18	2.00 - 2.60	23.90	14.38	.508 - 1.02	24.00	16.99	1.27 - 3.00	24.16	3.962	.381 - .762	24.43	1.397	.127 - .254
23.80	4.420	1.57 - 2.00	23.83	17.53	1.02 - 1.52	23.90	16.05	.762 - 1.52	24.00	17.04	.127 - .254	24.16	9.550	.254 - .508	24.43	19.46	.127 - .254
23.80	6.528	.813 - 1.22	23.83	18.31	.508 - 1.02	23.90	17.15	.127 - .254	24.00	17.42	1.52 - 2.70	24.16	9.576	.508 - .762	24.43	19.53	.889 - 1.57
23.80	6.985	.762 - 1.27	23.83	19.10	.381 - 2.30	23.90	18.21	1.27 - 1.78	24.00	17.98	1.52 - 2.00	24.16	9.652	1.02 - 1.52	24.43	20.04	.508 - .762
23.80	7.417	.635 - 1.02	23.83	19.30	.127 - .254	23.90	18.90	.152 - .305	24.00	18.03	.762 - 1.27	24.16	9.855	.254 - .508	24.46	6.883	.127 - .254
23.80	8.001	2.00 - 2.54	23.83	19.33	.381 - .762	23.90	20.73	.711 - 1.02	24.00	18.14	1.52 - 2.00	24.16	12.70	.254 - .508	24.46	7.188	.762 - 1.27
23.80	8.103	.635 - 1.02	23.83	19.46	.508 - .762	23.90	20.85	.254 - .508	24.00	18.26	1.78 - 2.30	24.16	14.88	.381 - .635	24.46	11.46	.762 - 1.27
23.80	8.230	.762 - 1.52	23.83	19.56	.762 - 1.27	23.90	22.35	.508 - .762	24.00	18.72	.127 - .254	24.16	16.79	.127 - .254	24.46	12.70	.254 - .508
23.80	8.661	1.27 - 1.91	23.83	19.91	.381 - .762	23.93	4.343	.635 - 1.02	24.00	21.11	.381 - .762	24.16	18.82	.508 - .762	24.46	12.80	.127 - .254
23.80	8.890	.508 - .762	23.83	21.11	.127 - .254	23.93	10.34	.127 - .254	24.00	21.46	.127 - .381	24.18	3.175	.635 - 1.02	24.46	16.74	2.00 - 2.54
23.80	9.525	.254 - .508	23.85	1.016	.254 - .508	23.93	11.56	.762 - 3.00	24.03	9.804	1.02 - 1.52	24.18	4.216	1.52 - 2.00	24.46	19.25	.508 - .762
23.80	9.677	.635 - 1.02	23.85	3.200	.508 - .762	23.93	12.07	.762 - 1.27	24.03	10.11	.254 - .508	24.18	5.029	1.22 - 1.78	24.46	20.32	.762 - 1.27
23.80	9.906	.127 - .254	23.85	4.801	2.70 - 3.00	23.93	12.29	.254 - .508	24.03	12.01	.127 - .254	24.18	5.410	1.22 - 1.78	24.46	22.48	.254 - .508
23.80	10.13	4.00 - 5.00	23.85	4.953	2.70 - 3.00	23.93	12.80	.762 - 1.27	24.03	13.03	2.70 - 3.00	24.18	9.550	.127 - .254	24.49	12.70	.381 - .762
23.80	10.41	.381 - .762	23.85	5.537	2.54 - 3.00	23.93	12.90	2.30 - 3.00	24.03	15.29	.635 - 1.07	24.18	11.94	.127 - .254	24.49	16.56	2.30 - 3.00
23.80	10.95	1.27 - 1.91	23.85	11.23	.127 - .762	23.93	13.08	.381 - .889	24.03	17.22	.127 - .254	24.18	12.75	1.27 - 1.78	24.51	6.706	.508 - 1.02
23.80	11.10	4.00 - 5.00	23.85	11.61	.203 - .406	23.93	13.46	.127 - .254	24.03	17.42	1.57 - 1.78	24.18	14.48	2.00 - 2.54	24.51	12.85	1.52 - 1.91
23.80	11.18	.508 - 1.02	23.85	12.60	.127 - .254	23.93	15.95	1.52 - 2.00	24.03	18.21	1.52 - 2.00	24.18	15.93	.127 - .254	24.51	13.06	2.30 - 3.00
23.80	11.28	.127 - .203	23.85	14.22	2.00 - 2.60	23.93	17.60	.127 - .254	24.03	19.96	2.27 - 1.78	24.18	17.40	1.52 - 1.78	24.51	14.73	.813 - 1.52
23.80	11.68	.635 - 1.02	23.85	14.30	.127 - .254	23.93	18.39	2.54 - 3.00	24.05	3.251	.127 - .254	24.18	17.45	.127 - .254	24.51	15.49	.508 - .889
23.80	12.19	.381 - .762	23.85	15.49	1.02 - 1.52	23.93	18.90	.127 - .254	24.05	10.08	.254 - .508	24.21	17.60	2.70 - 3.00	24.51	15.75	.635 - 1.02
23.80	12.37	.127 - .254	23.85	15.95	.381 - .762	23.93	20.17	.127 - .254	24.05	11.76	1.52 - 1.78	24.21	18.03	2.70 - 3.00	24.51	16.36	.127 - .254
23.80	12.70	.381 - .762	23.85	16.00	.508 - 1.02	23.95	10.31	.127 - .254	24.05	14.38	.762 - 1.22	24.21	18.85	2.30 - 2.70	24.51	18.01	.127 - .254
23.80	12.95	.508 - 2.80	23.85	16.08	.381 - .762	23.95	10.62	3.00 - 4.00	24.05	15.21	1.07 - 1.52	24.23	8.179	.127 - .254	24.51	19.89	.508 - .914
23.80	13.08	.762 - 1.27	23.85	16.26	.381 - .635	23.95	10.82	.508 - 1.02	24.05	18.54	.762 - 1.27	24.23	16.00	2.70 - 3.00	24.54	9.931	1.02 - 1.52
23.80	13.13	2.70 - 3.00	23.85	16.66	.762 - 1.02	23.95	11.23	.254 - .762	24.05	19.23	.254 - .635	24.23	17.02	1.52 - 1.78	24.54	13.77	.508 - .813
23.80	13.16	.127 - .254	23.85	16.76	1.27 - 1.78	23.95	12.01	1.91 - 2.30	24.05	19.81	.508 - 1.02	24.23	19.13	1.02 - 1.52	24.54	16.33	2.00 - 2.70
23.80	13.21	.508 - 3.00	23.85	17.22	1.02 - 1.52	23.95	12.07	.127 - .254	24.05	19.89	1.22 - 1.57	24.23	20.98	.127 - .254	24.54	17.86	1.52 - 1.91
23.80	14.68	2.00 - 2.60	23.85	17.78	.127 - .254	23.95	13.13	.127 - .254	24.05	20.29	.254 - .508	24.26	12.95	.635 - 1.02	24.56	6.731	.127 - .762
23.80	14.73	.762 - 1.27	23.85	19.89	1.02 - 1.52	23.95	13.89	.762 - 1.27	24.05	20.85	.127 - .254	24.26	18.62	.508 - 1.02	24.56	9.525	2.30 - 3.00
23.80	15.09	1.27 - 1.52	23.85	20.29	.762 - 1.27	23.95	14.43	2.00 - 2.54	24.08	1.499	.127 - .254	24.26	20.96	.254 - .508	24.56	13.77	.381 - .762
23.80	15.85	1.91 - 2.30	23.85	22.07	.381 - .635	23.95	15.14	.762 - 1.27	24.08	6.223	.127 - 1.83	24.26	21.54	.127 - .254	24.56	14.40	1.78 - 2.30
23.80	15.88	.127 - .254	23.88	4.724	.787 - 1.22	23.95	15.16	.127 - .305	24.08	6.655	1.52 - 2.00	24.28	11.15	1.52 - 3.00	24.56	15.06	1.27 - 1.91
23.80	15.98	.762 - 1.27	23.88	4.928	.254 - .508	23.95	18.69	1.78 - 2.30	24.08	9.906	.127 - .254	24.28	16.13	.127 - 1.27	24.56	18.26	1.52 - 2.00
23.80	16.18	.635 - 1.07	23.88	5.867	.127 - .254	23.98	3.810	1.02 - 1.52	24.08	10.11	.127 - .254	24.28	19.84	.127 - .254	24.56	19.33	1.27 - 1.91
23.80	16.26	.813 - 1.52	23.88	6.426	.178 - .381	23.98	6.045	.127 - .254	24.08	10.49	.127 - .254	24.28	20.83	.127 - .254	24.59	13.13	1.27 - 1.91
23.80	16.51	.127 - .254	23.88	8.001	.254 - 1.91	23.98	7.137	.635 - .914	24.08	11.15	.254 - .508	24.31	7.493	.762 - 1.27	24.59	15.88	1.27 - 1.78
23.80	16.66	.813 - 1.52	23.88	10.16	4.00 - 5.00	23.98	7.976	2.00 - 2.54	24.08	12.32	2.30 - 2.54	24.31	15.90	1.02 - 1.52	24.59	16.10	.127 - .381
23.80	17.07	.127 - .254	23.88	10.34	2.30 - 3.00	23.98	8.052	.127 - .508	24.08	12.52	1.57 - 2.00	24.31	18.64	.381 - .762	24.59	16.64	.635 - 1.14
23.80	17.15	1.52 - 1.91	23.88	11.20	1.02 - 1.52	23.98	8.103	.203 - .305	24.08	12.75	.152 - .381	24.31	20.62	.127 - .254	24.59	17.45	.508 - 1.02
23.80	17.45	2.54 - 3.00	23.88	12.22	1.27 - 1.91	23.98	10.01	.127 - .254	24.08	12.78	.127 - .254	24.31	21.36	.381 - .508	24.59	18.24	1.27 - 1.91
23.80	17.60	.381 - .508	23.88	12.45	1.91 - 2.70	23.98	10.74	4.00 - 5.00	24.08	12.85	.127 - .254	24.33	11.23	.127 - .254	24.59	18.52	.381 - .762
23.80	17.86	.254 - .508	23.88	12.75	.381 - .762	23.98	10.97	2.70 - 3.00	24.08	13.06	1.27 - 1.91	24.33	15.39	1.27 - 1.83	24.59	18.82	.127 - .254
23.80	19.15	1.22 - 1.83	23.88	12.90	2.54 - 3.00	23.98	11.23	.127 - .508	24.08	13.16	.762 - 1.52	24.33	19.79	1.78 - 2.00	24.59	22.07	.635 - 1.02
23.80	19.61	1.52 - 2.00	23.88	12.93	1.27 - 1.78	23.98	12.01	.127 - .254	24.08	14.63	.127 - .254	24.36	7.620	.381 - .635	24.61	6.350	1.27 - 1.78
23.80	19.94	.127 - .381	23.88	13.16	1.27 - 1.78	23.98	12.07	.127 - .254	24.08	16.92	.889 - 1.27	24.36	8.331	.762 - 1.27	24.61	9.931	.762 - 1.27

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

Table with columns: O.D., I.D., Choose Any Thickness* From To. Multiple columns of data listing various sizes and thicknesses.

*With BOKER'S precision metal washers, you can choose the exact thickness you want from the tool range listed.

Tools indicated in BOLD can also be used for non-metallic materials – see page 3 for details.

New tools added continually. Call for sizes not listed — +1-612-7299365, Fax +1-612-7298910.

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
25.37	9.957	.762 - 1.27	25.40	6.858	.127 - .254	25.40	12.90	.127 - .381	25.40	19.46	2.54 - 3.00	25.45	11.23	1.27 - 1.78	25.65	3.302	1.52 - 1.78
25.37	10.19	1.02 - 1.52	25.40	6.909	.762 - 1.27	25.40	12.95	1.52 - 2.10	25.40	19.48	1.27 - 1.91	25.45	11.53	.635 - 1.07	25.65	12.85	.127 - .254
25.37	11.28	.762 - 1.27	25.40	6.934	4.00 - 5.00	25.40	12.98	.813 - 1.52	25.40	19.51	.254 - .508	25.45	11.94	.127 - .191	25.65	12.95	.381 - .762
25.37	11.51	1.52 - 1.78	25.40	7.061	1.27 - 1.91	25.40	13.03	4.00 - 4.00	25.40	19.56	.127 - 1.52	25.45	12.80	2.54 - 3.00	25.65	16.87	.635 - 1.02
25.37	12.83	.127 - .254	25.40	7.112	1.02 - 1.52	25.40	13.08	.127 - 3.00	25.40	19.58	.381 - .762	25.45	13.49	.889 - 2.30	25.65	19.23	.381 - .635
25.37	13.16	1.02 - 1.52	25.40	7.137	.127 - 3.00	25.40	13.08	3.00 - 5.00	25.40	19.71	1.78 - 2.30	25.45	13.51	.127 - .254	25.68	12.73	.381 - .762
25.37	13.39	2.30 - 2.70	25.40	7.163	.152 - 1.78	25.40	13.13	.127 - .254	25.40	19.94	2.54 - 3.00	25.45	13.56	.635 - 1.02	25.70	8.001	.762 - 1.02
25.37	14.30	.381 - .762	25.40	7.188	1.02 - 1.52	25.40	13.16	.381 - 3.00	25.40	19.99	1.52 - 1.78	25.45	14.33	1.57 - 2.10	25.70	9.093	.254 - .508
25.37	14.68	.254 - .508	25.40	7.417	.127 - .254	25.40	13.21	2.54 - 3.00	25.40	20.09	.127 - .508	25.45	14.71	.381 - .762	25.70	14.00	.762 - 1.02
25.37	15.90	.508 - 3.00	25.40	7.442	2.00 - 2.60	25.40	13.49	3.00 - 4.00	25.40	20.22	.254 - .381	25.45	16.56	.381 - .762	25.70	21.56	.381 - .762
25.37	15.98	1.27 - 1.78	25.40	7.645	.127 - .254	25.40	13.56	1.27 - 1.78	25.40	20.24	.635 - 3.00	25.45	16.71	2.54 - 3.00	25.70	22.76	.254 - .508
25.37	16.08	.127 - .254	25.40	7.874	1.57 - 2.30	25.40	13.59	.254 - 1.52	25.40	20.32	.305 - .635	25.45	17.40	1.52 - 2.10	25.73	19.18	.127 - .254
25.37	16.69	2.00 - 2.54	25.40	7.899	3.81 - 5.00	25.40	13.94	2.54 - 3.00	25.40	20.35	.635 - 1.02	25.45	17.86	1.27 - 1.78	25.73	20.47	1.02 - 1.52
25.37	17.12	2.54 - 3.00	25.40	8.001	.787 - 1.07	25.40	13.97	.762 - 2.80	25.40	20.45	.127 - .254	25.45	18.24	.508 - 1.02	25.73	21.54	1.07 - 1.52
25.37	17.15	2.54 - 3.00	25.40	8.026	.127 - .508	25.40	14.12	.635 - 1.02	25.40	20.70	.127 - .254	25.45	18.26	1.57 - 2.10	25.76	12.78	1.52 - 2.00
25.37	17.27	.127 - .254	25.40	8.052	.127 - .305	25.40	14.27	1.27 - 1.91	25.40	21.03	.381 - .635	25.45	19.48	.508 - 1.02	25.76	17.58	1.02 - 1.52
25.37	17.60	.127 - .254	25.40	8.077	1.27 - 2.70	25.40	14.30	.127 - .508	25.40	21.26	1.02 - 1.52	25.45	20.83	.508 - 1.02	25.76	21.54	.127 - .254
25.37	17.78	.508 - .762	25.40	8.128	.254 - 3.00	25.40	14.33	.762 - 1.27	25.40	21.46	.762 - 1.27	25.45	21.39	.762 - 1.27	25.76	21.84	.127 - .254
25.37	18.16	.254 - .508	25.40	8.204	1.27 - 1.78	25.40	14.40	.254 - .508	25.40	21.59	.127 - 2.54	25.45	22.78	.635 - 1.02	25.76	22.20	.381 - .762
25.37	19.15	1.27 - 1.78	25.40	8.280	2.30 - 3.00	25.40	14.43	.127 - .254	25.40	21.62	1.78 - 2.00	25.48	5.359	.254 - .508	25.76	22.45	.635 - 1.02
25.37	19.18	2.30 - 2.70	25.40	8.331	.254 - 1.52	25.40	14.53	.127 - 2.00	25.40	21.72	.127 - .254	25.48	9.576	.127 - .381	25.78	13.56	1.27 - 1.91
25.37	19.38	.127 - .254	25.40	8.382	2.70 - 3.00	25.40	14.68	2.54 - 3.00	25.40	22.23	.406 - .635	25.48	10.41	.127 - .508	25.78	16.56	1.52 - 2.00
25.37	19.99	.635 - 1.02	25.40	8.433	.127 - .254	25.40	14.71	.508 - 1.02	25.40	22.25	.127 - .254	25.48	11.20	.762 - 1.27	25.78	17.04	.254 - .508
25.37	20.07	.127 - .254	25.40	8.585	2.54 - 3.00	25.40	14.99	.508 - 3.00	25.40	22.33	.762 - 1.52	25.48	11.30	.254 - .508	25.78	19.18	.127 - .254
25.37	20.88	1.27 - 1.78	25.40	8.636	.813 - 1.22	25.40	15.09	4.00 - 5.00	25.40	22.35	.254 - .508	25.48	11.56	1.57 - 2.00	25.78	19.63	.508 - .762
25.37	21.13	.635 - 1.02	25.40	8.712	1.27 - 1.78	25.40	15.24	.127 - .254	25.40	22.66	.762 - 1.27	25.48	12.65	.127 - .381	25.78	20.07	.127 - .254
25.37	21.34	.127 - .254	25.40	8.992	2.54 - 3.00	25.40	15.37	.254 - .508	25.40	22.86	.127 - .254	25.48	12.90	.127 - .254	25.78	20.78	2.54 - 3.00
25.37	22.30	.127 - .254	25.40	9.068	.254 - .508	25.40	15.49	.127 - 3.00	25.40	23.14	.508 - .889	25.48	15.95	1.14 - 1.52	25.78	21.39	1.27 - 1.78
25.40	.711	.254 - .381	25.40	9.220	.127 - .254	25.40	15.52	.762 - 1.52	25.40	23.77	.127 - .254	25.48	16.28	.127 - .305	25.81	7.671	2.54 - 3.00
25.40	1.626	.254 - .508	25.40	9.449	.254 - .508	25.40	15.82	.762 - 1.27	25.40	24.31	.381 - .635	25.48	18.36	.635 - 1.02	25.81	12.83	1.27 - 1.78
25.40	1.676	.127 - .254	25.40	9.525	1.52 - 5.00	25.40	15.85	.127 - 3.00	25.40	24.33	.127 - .254	25.48	19.81	.254 - .508	25.81	19.05	.127 - .254
25.40	1.854	.508 - .889	25.40	9.576	.127 - .254	25.40	15.85	3.00 - 5.00	25.43	4.166	.127 - .254	25.48	20.50	.762 - 1.22	25.81	23.37	.127 - .254
25.40	1.956	.381 - .762	25.40	9.601	.127 - 1.27	25.40	15.88	.381 - .762	25.43	5.156	.635 - 1.02	25.48	20.57	.127 - .254	25.81	23.60	.127 - .254
25.40	2.184	.127 - .254	25.40	9.627	1.07 - 3.00	25.40	15.90	1.27 - 1.91	25.43	5.537	.127 - .254	25.50	3.759	2.00 - 2.70	25.83	7.645	1.27 - 1.91
25.40	2.362	.254 - .508	25.40	9.754	1.52 - 2.30	25.40	15.93	2.70 - 3.00	25.43	6.274	2.30 - 2.70	25.50	4.699	.127 - .254	25.83	15.93	.127 - .203
25.40	2.388	.762 - 1.52	25.40	9.804	1.27 - 1.91	25.40	15.95	.127 - .762	25.43	6.350	1.57 - 3.00	25.50	8.128	.508 - 1.02	25.83	19.15	.127 - .381
25.40	2.540	1.27 - 1.78	25.40	9.830	.178 - .406	25.40	15.98	.127 - .254	25.43	6.375	.127 - .254	25.50	10.74	.127 - .254	25.83	20.96	.127 - 1.52
25.40	2.946	1.27 - 1.57	25.40	9.855	.127 - .254	25.40	16.00	.762 - 1.52	25.43	6.426	.254 - .508	25.50	11.63	1.27 - 1.78	25.83	21.97	.127 - .254
25.40	2.972	1.02 - 1.52	25.40	9.881	1.22 - 1.91	25.40	16.03	3.00 - 4.00	25.43	6.604	2.00 - 2.54	25.50	13.49	.127 - .254	25.83	22.30	1.22 - 1.57
25.40	2.997	1.02 - 1.52	25.40	9.957	1.91 - 3.00	25.40	16.05	2.30 - 2.80	25.43	6.655	.127 - .254	25.50	13.94	.127 - .254	25.86	5.156	.203 - .381
25.40	3.277	.127 - .254	25.40	10.03	.254 - .508	25.40	16.10	.635 - 1.52	25.43	6.706	2.30 - 3.00	25.50	14.40	2.54 - 3.00	25.86	17.48	1.27 - 1.78
25.40	3.327	.381 - .762	25.40	10.24	2.70 - 3.00	25.40	16.15	1.52 - 1.91	25.43	6.807	.127 - .254	25.50	15.95	1.57 - 3.00	25.86	17.68	1.27 - 1.78
25.40	3.607	.254 - 1.57	25.40	10.29	1.07 - 2.54	25.40	16.21	2.54 - 3.00	25.43	6.833	1.27 - 1.78	25.50	17.15	2.54 - 3.00	25.86	18.97	1.22 - 1.57
25.40	3.632	.762 - 1.27	25.40	10.31	.508 - .762	25.40	16.26	.508 - 2.00	25.43	7.239	2.70 - 3.00	25.50	17.91	1.02 - 1.52	25.86	20.50	.254 - .508
25.40	3.734	.127 - .254	25.40	10.34	4.00 - 5.00	25.40	16.28	.127 - 3.00	25.43	8.179	2.00 - 2.54	25.50	19.05	2.30 - 2.70	25.86	20.93	.508 - 1.02
25.40	3.988	1.78 - 2.30	25.40	10.39	3.00 - 3.00	25.40	16.28	3.00 - 4.00	25.43	8.738	.381 - .762	25.50	19.30	2.30 - 3.00	25.86	20.98	.127 - .254
25.40	4.318	.762 - 1.27	25.40	10.41	.127 - .254	25.40	16.41	1.02 - 2.00	25.43	9.601	.127 - 3.00	25.50	19.81	.254 - .508	25.86	21.13	.508 - 1.02
25.40	4.369	2.30 - 3.00	25.40	10.52	2.54 - 3.00	25.40	16.48	.127 - .254	25.43	9.652	.635 - 1.02	25.50	19.84	.127 - .254	25.88	4.216	.381 - .762
25.40	4.521	.127 - .254	25.40	10.54	.635 - 1.02	25.40	16.64	.762 - 1.27	25.43	9.779	.127 - .254	25.50	22.17	1.27 - 1.78	25.88	10.54	.508 - .762
25.40	4.572	1.27 - 1.52	25.40	10.62	1.27 - 1.78	25.40	16.66	.127 - .254	25.43	9.881	.762 - 1.27	25.53	5.334	.762 - 1.07	25.88	15.57	.381 - .762
25.40	4.750	1.27 - 3.00	25.40	10.85	2.80 - 3.00	25.40	16.99	.127 - .813	25.43	10.39	.127 - .254	25.53	6.528	2.54 - 3.00	25.88	16.89	.762 - 1.27
25.40	4.877	1.27 - 1.91	25.40	11.02	2.60 - 3.00	25.40	17.02	2.70 - 3.00	25.43	10.57	1.78 - 2.30	25.53	6.655	.254 - .508	25.88	19.23	.127 - .254
25.40	4.953	.254 - 2.80	25.40	11.10	1.27 - 3.00	25.40	17.04	1.52 - 2.30	25.43	10.62	1.27 - 1.78	25.53	6.680	2.54 - 3.00	25.88	19.46	.254 - .762
25.40	4.978	.635 - .889	25.														

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
25.96	15.90	.762 - 1.27	26.16	4.928	.762 - 1.27	26.42	22.23	.635 - 1.02	26.67	20.42	.127 - .254	26.90	13.06	.381 - .762	26.97	11.53	.508 - 1.02
25.96	19.96	2.54 - 3.00	26.16	6.934	1.52 - 1.91	26.42	23.24	.254 - .508	26.67	20.83	.762 - 1.27	26.90	14.78	.762 - 1.27	26.97	11.99	.127 - .254
25.96	20.98	.762 - 1.27	26.16	8.534	4.00 - 5.00	26.42	23.52	.508 - .762	26.67	20.98	.127 - .254	26.90	15.14	1.27 - 1.78	26.97	12.19	.381 - .762
25.96	24.38	.762 - 1.07	26.16	9.576	.508 - .762	26.44	20.02	.381 - .762	26.67	21.03	.127 - .254	26.90	16.10	.127 - .254	26.97	12.29	.813 - 1.52
25.98	1.194	.508 - .762	26.16	9.728	.381 - .762	26.44	23.09	.127 - .254	26.67	22.25	.127 - .254	26.90	19.05	1.27 - 1.78	26.97	13.08	.127 - .254
25.98	3.226	.127 - .254	26.16	9.754	.254 - .381	26.47	13.82	2.30 - 3.00	26.67	22.28	1.27 - 1.78	26.90	19.51	.508 - 1.02	26.97	13.49	2.54 - 3.00
25.98	7.671	.762 - 1.02	26.16	10.59	.762 - 1.27	26.47	19.63	.381 - .762	26.67	22.30	.254 - 2.30	26.90	22.61	1.02 - 1.52	26.97	13.64	.127 - 2.70
25.98	10.03	.127 - .254	26.16	12.83	1.27 - 1.78	26.49	12.01	2.70 - 3.00	26.67	22.76	.127 - .254	26.90	24.51	.381 - .635	26.97	14.33	1.57 - 2.30
25.98	10.11	.127 - .381	26.16	12.95	1.57 - 2.00	26.49	17.17	1.78 - 2.30	26.67	22.86	.762 - 1.27	26.92	3.810	1.52 - 2.00	26.97	14.73	.127 - .254
25.98	12.01	.508 - .762	26.16	13.54	2.80 - 3.00	26.52	4.851	.813 - 1.52	26.67	24.13	.762 - 1.02	26.92	4.369	.254 - .508	26.97	15.88	.508 - .762
25.98	12.04	.127 - .254	26.16	13.77	.381 - .762	26.52	4.902	.178 - .381	26.67	24.64	.127 - .254	26.92	5.334	.254 - .508	26.97	15.90	1.22 - 1.57
25.98	14.02	1.52 - 2.00	26.16	14.86	.127 - .254	26.52	9.601	.508 - 1.02	26.67	24.99	.127 - .254	26.92	6.553	.635 - .889	26.97	16.13	2.54 - 4.00
25.98	14.05	.127 - .254	26.16	16.48	.127 - .254	26.52	13.00	.508 - .762	26.70	6.706	2.30 - 2.80	26.92	7.188	4.00 - 5.00	26.97	16.21	1.27 - 1.78
25.98	16.99	1.52 - 2.00	26.16	17.48	1.27 - 1.52	26.52	19.05	2.54 - 3.00	26.70	8.001	.203 - .381	26.92	7.214	1.02 - 1.57	26.97	16.31	1.52 - 2.00
25.98	18.01	.254 - .508	26.16	17.53	2.30 - 3.00	26.52	21.03	.635 - 1.07	26.70	12.70	.254 - .508	26.92	8.077	.127 - .254	26.97	16.66	1.91 - 2.30
25.98	18.42	1.27 - 1.78	26.16	18.26	2.54 - 3.00	26.52	25.07	.254 - .508	26.70	12.75	.381 - 1.762	26.92	8.661	.254 - .508	26.97	16.69	1.91 - 2.30
25.98	18.54	.127 - .254	26.16	19.02	1.02 - 1.52	26.54	5.334	.762 - 1.07	26.70	12.78	.381 - .635	26.92	9.601	2.70 - 3.00	26.97	17.45	2.54 - 5.00
25.98	21.31	.127 - .254	26.16	20.70	.508 - .762	26.54	5.842	.203 - .406	26.70	12.80	.127 - .254	26.92	10.01	2.54 - 3.00	26.97	18.24	.381 - .813
25.98	22.68	.381 - .762	26.16	22.71	1.27 - 1.91	26.54	6.401	.127 - .254	26.70	19.10	2.80 - 3.00	26.92	10.06	.635 - 1.22	26.97	18.31	1.27 - 1.78
25.98	23.09	.127 - .254	26.16	24.18	.127 - .381	26.54	7.315	.762 - 1.07	26.70	22.38	1.52 - 2.00	26.92	10.90	.127 - .254	26.97	18.47	1.52 - 2.00
26.01	10.01	.254 - .508	26.16	24.56	.508 - .762	26.54	7.620	.127 - .254	26.70	24.49	.127 - .254	26.92	11.46	2.70 - 3.00	26.97	19.05	2.54 - 3.00
26.01	10.03	.127 - .254	26.19	9.576	.381 - .762	26.54	10.34	.762 - 1.27	26.72	15.11	.127 - .254	26.92	11.91	2.70 - 3.00	26.97	19.18	.127 - .381
26.01	10.11	.127 - .254	26.19	9.779	.127 - .254	26.54	11.81	.127 - .254	26.72	18.16	.127 - .254	26.92	12.17	.127 - .254	26.97	19.41	2.54 - 3.00
26.01	12.01	.127 - .254	26.19	10.36	2.70 - 3.00	26.54	15.72	.254 - .508	26.72	19.30	2.70 - 3.00	26.92	12.95	.508 - .889	26.97	19.56	.762 - 1.27
26.01	12.09	.127 - .254	26.19	12.32	.508 - 1.02	26.54	17.88	.762 - 1.27	26.72	22.38	1.27 - 1.91	26.92	13.00	4.00 - 5.00	26.97	20.37	2.54 - 3.00
26.01	15.98	.127 - .254	26.19	13.21	.127 - .254	26.54	19.05	.127 - .813	26.75	13.46	1.91 - 2.30	26.92	13.03	2.70 - 3.00	26.97	20.62	.127 - .305
26.01	20.35	.762 - 1.27	26.19	21.95	2.00 - 2.54	26.54	22.35	.635 - 1.02	26.75	15.93	1.78 - 2.30	26.92	13.49	.254 - .508	26.97	20.75	.254 - .508
26.01	22.38	.254 - .508	26.19	23.11	.254 - .508	26.54	22.71	1.27 - 1.52	26.75	16.81	.635 - 1.27	26.92	14.30	.381 - .762	26.97	21.16	.635 - 1.02
26.04	8.001	.127 - .254	26.19	24.33	.254 - .508	26.57	3.505	.127 - .254	26.75	19.10	2.80 - 3.00	26.92	14.55	1.52 - 2.00	26.97	21.31	.635 - 1.07
26.04	8.077	.127 - .254	26.21	4.445	2.54 - 3.00	26.57	8.763	1.78 - 2.30	26.75	22.68	.127 - .508	26.92	14.73	1.57 - 3.00	26.97	21.84	.254 - .508
26.04	8.382	.508 - 1.02	26.21	6.579	1.57 - 2.30	26.57	13.13	.889 - 1.27	26.77	16.48	.127 - .254	26.92	15.98	.381 - 1.27	26.97	22.25	.254 - 2.00
26.04	9.525	.762 - 1.02	26.21	9.601	.254 - .508	26.57	23.06	.127 - .254	26.77	18.42	.381 - .762	26.92	16.71	.127 - 1.02	26.97	22.28	.508 - 1.02
26.04	10.01	.254 - .508	26.21	13.44	2.54 - 3.00	26.57	23.95	.508 - .889	26.77	19.02	.127 - .254	26.92	16.74	.889 - 1.52	26.97	23.62	.127 - .254
26.04	10.03	.127 - .254	26.21	16.08	2.00 - 2.54	26.59	7.290	.127 - .254	26.77	21.34	.203 - .305	26.92	17.07	1.52 - 2.10	26.97	24.43	.254 - .762
26.04	10.41	.914 - 1.52	26.21	16.66	2.54 - 3.00	26.59	12.19	.127 - .254	26.77	22.33	.381 - .635	26.92	17.48	.254 - .508	26.97	24.46	.254 - .508
26.04	11.00	1.27 - 1.78	26.21	20.02	.508 - .762	26.59	12.67	.152 - .381	26.80	3.886	1.27 - 1.78	26.92	17.83	.127 - .254	26.97	25.65	.127 - .254
26.04	11.18	2.30 - 2.80	26.21	21.56	1.78 - 2.30	26.59	13.26	.127 - .254	26.80	7.925	.508 - 1.02	26.92	18.44	1.52 - 2.00	26.97	26.04	.127 - .254
26.04	12.07	.127 - .254	26.21	23.50	.381 - .762	26.59	15.93	1.78 - 2.30	26.80	8.890	.762 - 1.27	26.92	18.82	.635 - 1.02	27.00	3.607	2.30 - 2.70
26.04	12.12	.127 - .254	26.21	24.26	.508 - 1.02	26.59	21.34	.254 - .508	26.80	9.754	.508 - .889	26.92	19.10	.127 - .254	27.00	4.826	.127 - .254
26.04	12.83	.127 - .508	26.24	12.27	2.00 - 2.54	26.59	23.27	.127 - .254	26.80	11.71	.127 - .254	26.92	19.30	.508 - .762	27.00	5.182	1.91 - 2.30
26.04	13.97	.127 - .305	26.24	19.23	.127 - .254	26.62	4.140	.127 - .254	26.80	11.99	.254 - .635	26.92	19.61	1.52 - 2.00	27.00	8.001	.127 - .254
26.04	15.39	1.22 - 1.57	26.24	20.60	1.27 - 1.91	26.62	7.163	2.30 - 2.70	26.80	12.73	.508 - 1.02	26.92	20.17	2.00 - 2.70	27.00	8.052	.127 - .254
26.04	16.05	.254 - .508	26.24	21.23	.381 - .762	26.62	9.601	2.54 - 3.00	26.80	19.25	.254 - .508	26.92	22.35	1.22 - 1.83	27.00	8.153	2.30 - 3.00
26.04	17.88	.813 - 1.07	26.24	22.43	.381 - .762	26.62	10.95	1.07 - 1.57	26.80	19.96	.381 - .762	26.92	22.38	.635 - 1.02	27.00	8.357	2.00 - 2.54
26.04	18.29	.889 - 1.27	26.24	23.50	.813 - 1.27	26.62	12.80	.152 - .305	26.80	20.09	.127 - .254	26.92	22.40	.254 - .508	27.00	8.712	2.54 - 3.00
26.04	19.69	.254 - .508	26.26	3.302	.127 - .381	26.62	15.98	.203 - .381	26.80	21.74	.127 - .508	26.92	22.43	.254 - .508	27.00	10.01	.127 - .254
26.04	19.71	.508 - 1.02	26.26	8.890	.508 - 1.02	26.62	16.69	.254 - .508	26.80	22.35	1.02 - 1.52	26.92	22.56	.254 - .508	27.00	11.10	.127 - .762
26.04	19.99	.762 - 1.27	26.26	9.677	1.91 - 2.30	26.62	17.48	.127 - .254	26.80	22.45	.889 - 1.27	26.92	22.76	.254 - .508	27.00	11.23	.127 - .254
26.04	20.42	1.02 - 1.27	26.26	12.70	1.78 - 2.30	26.62	22.40	.127 - .381	26.80	23.93	.508 - .889	26.92	22.99	1.02 - 1.52	27.00	12.78	.127 - .254
26.04	22.68	.508 - 1.02	26.26	16.61	.127 - .254	26.62	22.43	.381 - .762	26.80	24.10	.254 - .508	26.95	3.251	.254 - .508	27.00	12.85	1.57 - 2.10
26.04	23.52	.508 - 1.02	26.26	18.57	.381 - .762	26.64	9.576	.254 - .508	26.82	5.207	.127 - .254	26.95	8.026	.127 - .254	27.00	13.72	3.00 - 4.00
26.06	6.071	.127 - .254	26.26	21.01	.127 - .254	26.64	11.76	1.52 - 2.30	26.82	16.10	1.27 - 1.91	26.95	9.804	2.00 - 2.54	27.00	13.84	.127 - .254
26.06	12.19	.762 - 1.27	26.26	21.08	.127 - .305	26.64	14.27	.254 - .508	26.82	16.74	.127 - .254	26.95	11.23	.127 - .508	27.00	14.30	.381 - .762
26.06	16.00	1.52 - 2.00	26.29	16.76	1.78 - 2.30	26.64	16.46	1.02 - 1.52	26.82	17.17	1.02 - 1.52	26.95	12.70	1.27 - 1.78	27.00	14.68	1.52 - 1.91
26.06	19.84	1.02 - 1.52	26.29	20.83	.508 - .762	26.64	22.61	.762 - 1.27	26.82	18.26	.813 - 1.52	26.95	12.83	.254 - .635	27.00	14.71	1.52 - 2.00

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
27.05	10.03	1.57 - 2.10	27.36	19.48	.635 - 1.02	27.69	23.67	1.52 - 2.00	27.89	21.49	2.80 - 3.00	27.94	25.65	.254 - .508	28.12	24.26	.508 - .762
27.05	11.02	.127 - .254	27.36	21.08	.127 - .254	27.71	15.88	.813 - 1.57	27.89	23.60	.127 - .254	27.97	1.905	.127 - .254	28.12	24.97	.254 - .508
27.05	12.95	.381 - .914	27.36	22.10	1.27 - 1.78	27.71	25.17	.381 - .762	27.89	23.85	.127 - .254	27.97	6.477	2.80 - 3.00	28.14	10.34	1.27 - 1.78
27.05	15.90	4.00 - 5.00	27.36	23.04	.508 - 1.27	27.74	1.778	.127 - .254	27.91	6.426	.127 - .254	27.97	6.985	1.52 - 1.78	28.14	13.34	.127 - .381
27.05	16.10	1.91 - 2.30	27.38	5.893	.635 - 1.02	27.74	6.071	.127 - .508	27.91	8.077	.127 - .254	27.97	8.026	.508 - .762	28.14	16.15	1.27 - 1.78
27.05	17.70	.762 - 1.02	27.38	7.061	.254 - .508	27.74	11.00	1.02 - 2.70	27.91	9.576	.127 - .254	27.97	8.052	.127 - .254	28.14	18.14	1.52 - 1.91
27.05	19.48	.127 - .254	27.38	9.957	1.52 - 2.10	27.74	17.65	.635 - 1.02	27.91	9.601	.254 - .381	27.97	9.042	.381 - .762	28.14	19.76	.762 - 1.27
27.05	20.68	1.07 - 1.52	27.38	11.58	.127 - .254	27.74	19.05	.381 - .635	27.91	11.07	.508 - 1.02	27.97	12.01	.127 - .254	28.14	19.96	.381 - .762
27.05	22.23	.254 - .635	27.38	14.58	.508 - 1.02	27.74	19.13	1.22 - 1.78	27.91	11.18	.127 - .254	27.97	12.75	.254 - .508	28.14	20.35	.762 - 1.02
27.05	22.66	.762 - 1.27	27.38	14.73	1.02 - 1.52	27.74	20.09	.254 - .508	27.91	12.70	.127 - .254	27.97	12.83	.381 - .635	28.14	21.13	.127 - .254
27.05	23.44	.813 - 1.07	27.38	15.06	1.27 - 1.91	27.74	20.60	.127 - .254	27.91	12.90	.127 - .254	27.97	16.00	.508 - 1.02	28.14	21.44	1.27 - 1.78
27.05	24.56	.127 - .254	27.38	16.13	.508 - 1.02	27.74	20.62	.381 - .762	27.91	14.17	.254 - .508	27.97	18.26	.635 - 1.02	28.17	8.077	.254 - .508
27.08	13.59	1.27 - 1.91	27.38	16.36	.127 - .254	27.76	6.071	.305 - .508	27.91	16.08	.508 - .762	27.97	20.02	.127 - .254	28.17	12.40	.127 - .254
27.08	16.10	1.91 - 2.54	27.38	17.45	.762 - 1.02	27.76	10.29	.762 - 1.52	27.91	16.51	2.80 - 3.00	27.99	1.778	.127 - .254	28.17	12.80	.762 - 1.27
27.08	16.87	.127 - .254	27.38	19.02	.508 - 1.02	27.76	10.69	1.27 - 1.78	27.91	20.02	.254 - 1.27	27.99	6.020	.127 - .254	28.17	12.85	.635 - 1.02
27.08	18.42	.508 - .762	27.38	19.84	.787 - 1.07	27.76	12.70	1.27 - 1.91	27.91	20.73	.381 - .635	27.99	6.071	.127 - .254	28.17	14.12	.508 - .762
27.08	18.49	2.70 - 3.00	27.38	21.08	.762 - 1.27	27.76	16.28	.381 - .762	27.91	21.34	.381 - .635	27.99	6.223	1.27 - 1.52	28.17	21.08	.127 - .254
27.08	19.46	.762 - 1.52	27.38	21.34	.254 - .508	27.76	17.30	.254 - .762	27.91	22.91	.254 - .762	27.99	6.375	.635 - 1.02	28.17	21.21	.254 - .508
27.08	22.17	.762 - 1.52	27.41	2.896	.127 - .254	27.76	21.08	.762 - 1.27	27.94	4.115	.762 - 1.07	27.99	7.010	5.00 - 5.00	28.17	23.29	1.02 - 1.27
27.08	22.20	.762 - 1.27	27.41	12.93	.762 - 1.27	27.76	22.12	.635 - 1.02	27.94	6.426	.127 - .254	27.99	7.747	.127 - .254	28.19	2.388	.127 - .254
27.08	24.56	.127 - .254	27.41	14.40	.635 - 1.02	27.76	22.25	.635 - 1.27	27.94	7.925	.254 - .508	27.99	8.484	.127 - .254	28.19	2.464	1.14 - 1.52
27.10	5.410	.762 - 1.27	27.41	14.91	.635 - 1.02	27.76	22.30	1.27 - 1.91	27.94	8.026	.127 - .254	27.99	10.01	.127 - .508	28.19	5.791	.762 - 1.07
27.10	8.992	1.52 - 2.00	27.41	19.30	.635 - 1.02	27.76	22.43	.889 - 1.27	27.94	8.788	1.27 - 1.78	27.99	10.03	.127 - .635	28.19	6.045	.457 - .965
27.10	13.08	2.00 - 2.54	27.41	23.70	.127 - .254	27.76	24.31	.127 - .254	27.94	8.992	1.78 - 2.30	27.99	10.06	.127 - .254	28.19	7.163	.381 - .762
27.10	13.59	1.27 - 1.91	27.41	24.26	.127 - .254	27.79	7.950	.127 - .254	27.94	9.576	.254 - .508	27.99	10.19	.127 - .254	28.19	8.280	1.27 - 1.78
27.10	16.87	.254 - .508	27.43	2.235	.127 - .254	27.79	10.03	1.02 - 1.52	27.94	9.601	.381 - .762	27.99	12.01	.127 - .254	28.19	13.13	.127 - .254
27.13	5.207	.762 - 1.27	27.43	8.331	.381 - .762	27.79	14.20	.508 - .762	27.94	9.652	.127 - .254	27.99	12.04	.127 - .254	28.19	15.42	2.00 - 2.70
27.13	6.452	.254 - .508	27.43	14.50	1.78 - 2.30	27.79	16.97	2.00 - 2.54	27.94	10.57	.381 - .762	27.99	12.09	.127 - .508	28.19	15.90	.127 - .254
27.13	8.661	2.54 - 3.00	27.43	15.82	.508 - 1.02	27.79	19.86	.635 - 1.02	27.94	10.82	4.00 - 5.00	27.99	12.12	.127 - .254	28.19	17.37	1.52 - 2.00
27.13	16.15	2.30 - 2.70	27.43	18.75	1.52 - 2.00	27.79	22.86	.127 - .254	27.94	11.15	.127 - .254	27.99	12.98	4.00 - 5.00	28.19	17.78	2.54 - 3.00
27.13	19.05	1.02 - 1.27	27.43	19.30	.508 - 1.02	27.81	9.525	.635 - 2.00	27.94	11.18	.127 - .508	27.99	14.33	2.54 - 3.00	28.19	18.03	.127 - .254
27.13	20.65	.762 - 1.27	27.43	19.56	1.27 - 1.91	27.81	10.29	.635 - 1.22	27.94	11.53	2.54 - 3.00	27.99	14.99	2.30 - 2.70	28.19	18.42	.762 - 1.02
27.15	3.886	.127 - .254	27.43	19.63	.762 - 1.52	27.81	15.01	2.54 - 3.00	27.94	12.14	.127 - .254	27.99	15.19	.762 - 1.27	28.19	19.30	.127 - .203
27.15	9.906	.127 - .254	27.43	19.81	.127 - .254	27.81	15.88	.254 - .508	27.94	12.32	.254 - .508	27.99	16.05	.127 - .508	28.19	19.81	.508 - .889
27.15	15.24	4.00 - 5.00	27.43	21.74	.508 - .889	27.81	16.64	1.07 - 1.57	27.94	12.70	.127 - .254	27.99	16.92	1.02 - 1.52	28.19	20.45	.381 - .762
27.15	23.77	.635 - 1.02	27.43	23.01	.127 - .254	27.81	17.78	1.52 - 2.30	27.94	12.75	.127 - .254	27.99	16.94	1.02 - 1.52	28.19	21.18	2.00 - 2.70
27.18	6.477	2.70 - 3.00	27.43	23.75	.127 - .254	27.81	19.18	1.02 - 1.27	27.94	12.78	.127 - .254	27.99	17.02	.762 - 1.27	28.19	21.21	.127 - .254
27.18	6.756	.508 - .762	27.46	20.14	.762 - 1.27	27.81	20.07	1.52 - 2.00	27.94	12.80	.127 - .508	27.99	17.50	1.27 - 1.78	28.19	22.05	.127 - .254
27.18	19.18	.762 - 1.02	27.46	20.24	.127 - .254	27.81	20.52	.381 - .762	27.94	12.83	.127 - .254	27.99	19.46	.127 - .254	28.19	22.23	1.27 - 1.91
27.18	23.01	.127 - .254	27.51	6.426	1.27 - 1.91	27.81	20.55	.635 - 1.02	27.94	12.85	.127 - .254	27.99	19.58	1.02 - 1.52	28.19	22.35	1.07 - 1.57
27.18	24.41	.508 - .889	27.51	12.07	.254 - .508	27.81	20.65	2.70 - 3.00	27.94	13.08	2.54 - 3.00	27.99	19.99	1.52 - 2.00	28.19	22.68	2.10 - 2.70
27.20	6.579	1.02 - 1.57	27.51	25.81	.508 - .762	27.81	20.78	1.27 - 1.91	27.94	14.22	.127 - .254	27.99	21.56	1.78 - 2.30	28.19	24.51	1.07 - 1.57
27.20	6.756	.254 - .762	27.53	16.03	2.00 - 2.54	27.81	23.01	.127 - .254	27.94	14.27	1.02 - 1.52	27.99	21.69	.127 - .254	28.19	25.55	.254 - .508
27.20	15.90	.127 - .254	27.53	16.38	.635 - 1.02	27.84	9.525	.762 - 1.52	27.94	14.38	.127 - .254	27.99	24.08	.127 - .254	28.19	25.68	.127 - .254
27.20	22.45	.381 - .762	27.53	18.49	1.02 - 1.27	27.84	10.11	1.27 - 2.10	27.94	15.42	1.91 - 2.54	28.02	8.026	.127 - .254	28.22	9.931	1.27 - 1.78
27.23	6.502	.127 - .254	27.53	20.32	.381 - .762	27.84	11.20	1.52 - 1.91	27.94	15.98	.254 - .508	28.02	10.03	.127 - .508	28.22	14.12	1.02 - 1.52
27.23	9.677	.127 - .254	27.53	21.54	.127 - .254	27.84	11.43	1.52 - 1.78	27.94	16.00	.127 - .381	28.02	10.06	2.00 - 2.54	28.22	14.40	2.70 - 3.00
27.23	18.08	.127 - .254	27.53	23.52	.127 - .254	27.84	12.70	1.78 - 2.30	27.94	16.05	.254 - 1.91	28.02	10.08	.254 - .508	28.22	18.06	.508 - .762
27.23	19.05	1.91 - 2.54	27.53	23.55	.254 - .508	27.84	14.66	.381 - .762	27.94	16.13	.127 - .254	28.02	10.11	.127 - .508	28.22	19.08	.127 - .254
27.23	25.43	.127 - .254	27.56	6.223	.762 - 1.27	27.84	17.15	.127 - .381	27.94	16.28	3.00 - 4.00	28.02	12.01	.127 - .254	28.22	19.69	2.54 - 3.00
27.25	8.814	1.52 - 2.00	27.56	7.188	1.27 - 1.91	27.84	17.53	.762 - 1.27	27.94	16.33	1.27 - 1.78	28.02	12.75	.254 - .508	28.24	6.248	1.52 - 2.30
27.25	12.04	.127 - .254	27.56	12.09	.127 - .254	27.84	19.15	.127 - .254	27.94	17.15	1.78 - 2.30	28.02	14.07	.127 - .254	28.24	7.315	1.78 - 2.30
27.25	12.95	.381 - .762	27.56	16.51	.381 - .762	27.84	20.40	.254 - .508	27.94								

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
28.30	16.89	.254 - .508	28.45	10.67	1.02 - 1.52	28.52	10.13	.254 - .508	28.58	6.782	2.54 - 3.00	28.58	19.84	1.27 - 1.78	28.70	14.96	.762 - 1.27
28.30	19.02	.127 - .254	28.45	11.15	1.27 - 1.91	28.52	10.39	4.00 - 5.00	28.58	6.807	.127 - .254	28.58	20.19	.254 - 1.27	28.70	19.08	2.00 - 2.70
28.32	5.182	.127 - .254	28.45	11.43	2.54 - 3.00	28.52	10.59	.508 - .762	28.58	7.188	1.57 - 2.10	28.58	20.22	1.27 - 1.57	28.70	19.28	.127 - .254
28.32	6.502	.381 - .762	28.45	11.99	2.54 - 3.00	28.52	12.73	.127 - .254	28.58	7.341	1.52 - 2.10	28.58	20.37	3.00 - 4.00	28.70	20.09	1.27 - 1.78
28.32	12.70	1.91 - 2.30	28.45	12.60	1.02 - 1.52	28.52	12.78	.254 - 2.80	28.58	7.518	.508 - 1.02	28.58	20.62	2.00 - 2.54	28.70	20.32	.127 - .254
28.32	16.31	.127 - .254	28.45	12.70	1.52 - 2.00	28.52	13.11	3.00 - 4.00	28.58	7.569	1.52 - 2.30	28.58	20.70	.127 - .254	28.70	20.85	.127 - .254
28.32	16.36	.381 - .762	28.45	12.88	.203 - .406	28.52	13.31	.127 - .254	28.58	7.976	.203 - .381	28.58	20.90	.127 - .254	28.70	21.72	1.57 - 2.10
28.32	16.38	.127 - .254	28.45	13.00	.127 - .381	28.52	13.41	2.00 - 2.54	28.58	8.052	2.10 - 3.00	28.58	21.46	.127 - 1.27	28.70	25.43	.762 - 1.27
28.32	16.84	.127 - .254	28.45	13.26	2.54 - 3.00	28.52	13.56	4.00 - 5.00	28.58	8.077	.127 - .254	28.58	21.54	1.57 - 2.10	28.73	6.375	1.27 - 1.78
28.32	16.87	.127 - .254	28.45	14.55	.254 - 1.27	28.52	16.15	.127 - .254	28.58	8.153	.127 - .508	28.58	22.15	2.54 - 3.00	28.73	13.08	1.02 - 1.52
28.32	17.78	.762 - 1.27	28.45	15.01	1.27 - 1.52	28.52	17.55	3.00 - 4.00	28.58	8.306	1.57 - 2.30	28.58	22.23	.813 - 1.52	28.73	16.87	.127 - .254
28.32	19.30	.127 - .254	28.45	15.27	1.52 - 2.00	28.52	17.68	1.02 - 1.52	28.58	8.585	.508 - .762	28.58	22.30	.127 - .254	28.73	19.08	.381 - .635
28.32	19.81	1.27 - 1.78	28.45	15.75	3.00 - 4.00	28.52	17.86	1.02 - 1.52	28.58	8.738	1.57 - 2.10	28.58	22.35	.254 - .508	28.73	21.72	1.52 - 2.00
28.32	20.50	.127 - .254	28.45	15.88	.254 - .508	28.52	19.05	.127 - .254	28.58	9.195	2.70 - 3.00	28.58	22.86	1.02 - 1.52	28.73	24.28	.635 - 1.07
28.32	20.78	2.54 - 3.00	28.45	15.95	.127 - .254	28.52	19.43	.508 - 1.02	28.58	9.474	1.07 - 1.57	28.58	23.06	1.78 - 2.30	28.73	26.26	.635 - 1.07
28.32	22.25	1.27 - 1.91	28.45	16.26	2.06 - .635	28.52	19.56	.127 - .254	28.58	9.525	3.00 - 4.00	28.58	23.37	1.27 - 1.91	28.75	4.318	1.52 - 1.91
28.32	23.62	.762 - 1.02	28.45	16.36	2.54 - 3.00	28.52	19.91	1.02 - 1.52	28.58	9.550	3.00 - 4.00	28.58	23.75	.127 - .203	28.75	24.26	.635 - 1.27
28.35	4.140	.254 - .762	28.45	16.41	.762 - 1.27	28.52	20.70	.762 - 1.52	28.58	9.601	.127 - 2.30	28.58	23.83	.381 - .762	28.78	4.851	.762 - 1.27
28.35	9.677	.508 - .762	28.45	16.97	2.30 - 3.00	28.52	21.67	.127 - .254	28.58	9.652	1.27 - 1.91	28.58	23.85	1.27 - 1.78	28.78	5.055	1.27 - 1.52
28.35	13.89	1.27 - 1.91	28.45	16.99	.381 - .635	28.52	22.35	.762 - 1.27	28.58	9.728	.127 - .305	28.58	23.88	.127 - .254	28.78	24.03	.762 - 1.27
28.35	17.48	.127 - .254	28.45	17.48	1.22 - 1.57	28.52	22.61	2.00 - 2.30	28.58	9.906	.127 - 1.78	28.58	24.13	1.02 - 1.52	28.78	24.66	.127 - .254
28.35	19.23	.254 - .508	28.45	18.95	.127 - .381	28.52	22.68	.508 - .762	28.58	9.931	2.54 - 3.00	28.58	24.33	.508 - 1.02	28.80	13.84	.381 - .762
28.35	19.86	.254 - .381	28.45	19.13	.762 - 1.27	28.52	23.06	.127 - .762	28.58	10.31	1.07 - 1.91	28.58	24.36	.127 - .254	28.80	14.10	.254 - .508
28.35	19.96	.127 - .254	28.45	19.30	.381 - .813	28.52	24.54	.381 - .635	28.58	10.34	.508 - .762	28.58	24.56	.127 - .254	28.80	20.09	1.27 - 1.78
28.35	20.55	.762 - 1.52	28.45	19.43	.127 - .305	28.52	25.37	1.02 - 1.52	28.58	10.36	2.54 - 3.00	28.58	25.53	.254 - .635	28.80	22.96	1.02 - 1.52
28.35	20.73	.127 - .406	28.45	19.79	.635 - 1.07	28.52	27.23	.127 - .254	28.58	10.41	2.54 - 3.00	28.60	4.318	1.27 - 1.91	28.83	5.105	1.27 - 1.52
28.35	21.89	.381 - .762	28.45	19.81	2.54 - 3.00	28.55	4.775	2.54 - 3.00	28.58	10.69	.203 - .381	28.60	6.858	.635 - 1.02	28.83	9.525	.254 - .508
28.35	22.05	1.57 - 2.10	28.45	20.32	1.02 - 1.27	28.55	5.055	.254 - .508	28.58	10.80	.33 - 3.00	28.60	10.31	2.54 - 3.00	28.83	9.550	.381 - 1.72
28.35	22.33	.127 - .254	28.45	20.60	.762 - 1.27	28.55	6.375	.254 - .508	28.58	11.13	2.54 - 3.00	28.60	11.48	.127 - .254	28.83	12.27	.127 - 1.27
28.35	22.43	4.06 - .635	28.45	20.73	1.52 - 2.00	28.55	6.731	.127 - .254	28.58	11.15	1.78 - 2.30	28.60	13.87	1.52 - 2.00	28.83	12.88	2.30 - 3.00
28.35	25.45	.127 - .254	28.45	21.13	.381 - .762	28.55	6.934	.127 - .254	28.58	11.43	.635 - 1.57	28.60	14.30	.381 - .762	28.83	19.56	.508 - 1.02
28.37	4.039	2.70 - 3.00	28.45	22.40	1.52 - 2.10	28.55	8.052	1.27 - 2.30	28.58	11.56	2.30 - 3.00	28.60	16.23	.127 - .254	28.83	19.69	1.02 - 1.52
28.37	8.636	.127 - .381	28.45	22.61	1.52 - 2.30	28.55	8.103	.508 - 1.02	28.58	11.89	2.70 - 3.00	28.60	17.20	.381 - .635	28.83	20.62	2.54 - 3.00
28.37	9.449	1.27 - 1.91	28.45	23.37	.254 - .508	28.55	11.10	1.52 - 2.00	28.58	12.19	1.02 - 1.52	28.60	18.49	.762 - 1.27	28.85	24.03	.762 - 1.27
28.37	9.957	1.27 - 1.78	28.45	24.00	.381 - .762	28.55	11.91	.381 - .762	28.58	12.70	.813 - 1.07	28.60	19.18	1.02 - 1.52	28.85	24.41	1.52 - 1.91
28.37	10.41	4.00 - 5.00	28.45	25.32	.127 - .254	28.55	12.73	.127 - .254	28.58	12.78	.127 - .254	28.60	19.84	.254 - .508	28.88	6.426	3.00 - 3.00
28.37	14.38	.635 - 1.02	28.47	4.064	.254 - .508	28.55	12.75	.127 - .254	28.58	12.80	.381 - .635	28.60	21.62	.127 - 3.00	28.88	17.60	.127 - .254
28.37	15.75	2.54 - 3.00	28.47	6.604	.127 - .254	28.55	12.93	2.54 - 3.00	28.58	13.00	.127 - 3.00	28.60	22.35	.127 - .254	28.88	20.68	1.02 - 1.52
28.37	19.05	2.54 - 3.00	28.47	6.985	1.52 - 1.78	28.55	13.18	.127 - .254	28.58	13.00	3.00 - 5.00	28.60	23.83	.381 - .635	28.88	23.04	.762 - 1.27
28.37	19.20	1.27 - 1.52	28.47	8.738	.127 - .254	28.55	14.27	2.70 - 3.00	28.58	13.08	1.02 - 1.27	28.63	1.600	.508 - .889	28.88	24.21	.762 - 1.27
28.37	19.25	3.00 - 4.00	28.47	9.804	1.27 - 1.78	28.55	14.30	.254 - .508	28.58	13.46	1.52 - 3.05	28.63	4.039	.635 - 1.07	28.91	3.200	.635 - 1.02
28.37	19.30	.508 - 1.02	28.47	11.99	.762 - 1.02	28.55	15.04	.127 - .254	28.58	13.51	4.00 - 5.00	28.63	6.020	.635 - 1.07	28.91	14.43	1.78 - 2.30
28.37	20.65	1.57 - 2.10	28.47	12.98	1.27 - 1.78	28.55	15.42	2.54 - 3.00	28.58	13.87	1.52 - 2.00	28.63	6.426	1.91 - 2.30	28.91	14.48	.635 - 1.02
28.37	22.58	.254 - .508	28.47	13.49	2.70 - 3.00	28.55	15.93	.127 - .254	28.58	14.30	.127 - .254	28.63	6.782	1.22 - 1.57	28.91	17.58	4.00 - 5.00
28.37	23.60	1.07 - 1.57	28.47	15.47	3.00 - 4.00	28.55	15.98	2.00 - 2.54	28.58	14.33	2.00 - 2.60	28.63	10.41	2.54 - 3.00	28.91	18.75	.635 - 1.27
28.37	23.62	1.27 - 1.91	28.47	15.95	1.02 - 1.52	28.55	16.05	1.52 - 2.00	28.58	14.38	.127 - .254	28.63	11.13	.127 - .254	28.91	19.84	1.57 - 2.10
28.37	24.23	1.52 - 2.00	28.47	16.36	2.54 - 3.00	28.55	16.10	3.00 - 4.00	28.58	14.48	1.52 - 2.00	28.63	12.88	.127 - .254	28.91	22.15	2.30 - 2.80
28.37	25.65	.762 - 1.27	28.47	16.87	2.70 - 3.00	28.55	16.23	.762 - 1.27	28.58	14.50	2.54 - 3.00	28.63	13.23	.635 - 1.07	28.91	23.16	1.52 - 1.91
28.40	3.505	2.30 - 2.80	28.47	17.75	.127 - .254	28.55	16.84	.381 - .762	28.58	14.55	2.54 - 3.00	28.63	13.49	1.52 - 2.10	28.91	24.87	.762 - 1.27
28.40	12.85	1.52 - 1.91	28.47	18.29	.127 - .254	28.55	17.45	1.02 - 1.52	28.58	14.99	2.54 - 3.00	28.63	15.90	.127 - 2.00	28.91	26.47	.762 - 1.27
28.40	17.25	.635 - 1.02	28.47	19.33	.508 - 1.02	28.55	17.60	.127 - .254	28.58	15.09	1.27 - 1.91	28.63	16.33	.381 - .635	28.93	8.128	.127 - .254
28.40	19.15	.254 - .508	28.47	19.56	1.27 - 1.78	28.55	17.88	.635 - 1.02	28.58	15.47	1.02 - 1.52	28.63	17.65	.305 - .457	28.93	19.76	.381 - .762
28.40	19.51	.127 - .254	28.47	22.12	.508 - .762	28.55	19.13	2.80 - 3.00	28.58	15.88	.127 - .254	28.63	19.63	1.91 - 2.30	28.96	3.404	1.52 - 1.91
28.40	20.37	.127 - .254	28.47	22.30	.127 - .254	28.55	19.18	2.80 - 3.00	28.58	15.90	.508 - .762	28.63	22.48	2.00 - 2.54	28.96		

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
29.01	3.353	.254 - .508	29.26	14.30	1.02 - 1.52	29.54	25.65	.254 - .508	29.79	21.62	.635 - 1.02	29.97	3.556	.406 - .813	30.00	24.00	.254 - .635
29.01	11.99	.127 - .254	29.26	17.09	3.00 - 3.00	29.57	8.915	.127 - .254	29.79	22.63	.508 - .762	29.97	3.962	1.52 - 2.00	30.00	24.13	.127 - .254
29.01	13.51	2.00 - 2.54	29.26	26.62	.254 - .508	29.57	19.99	2.10 - 3.00	29.79	25.35	.508 - .762	29.97	6.045	.127 - .254	30.00	24.51	.305 - 1.02
29.01	14.02	.127 - .254	29.29	1.575	.635 - 1.07	29.57	20.35	1.52 - 2.00	29.82	5.258	2.54 - 3.00	29.97	6.071	2.70 - 3.00	30.00	25.40	.254 - .508
29.01	16.21	.762 - 1.02	29.29	15.90	.254 - .813	29.57	20.37	1.02 - 1.52	29.82	6.629	3.00 - 4.00	29.97	6.375	4.00 - 5.00	30.00	25.91	.127 - .254
29.01	19.08	.127 - .508	29.29	18.57	2.54 - 3.00	29.57	24.03	.787 - 1.22	29.82	10.64	2.30 - 2.70	29.97	8.001	.635 - 1.02	30.02	8.052	.127 - .508
29.01	19.13	2.30 - 2.80	29.29	21.41	.381 - .762	29.59	18.67	.254 - .508	29.82	22.25	.762 - 1.27	29.97	8.052	2.30 - 2.80	30.02	10.03	.254 - .508
29.01	20.98	2.00 - 2.60	29.31	4.039	.762 - 1.52	29.59	19.84	1.78 - 2.30	29.82	22.63	1.52 - 2.00	29.97	8.103	.127 - .254	30.02	10.11	.127 - .254
29.01	24.00	1.02 - 2.00	29.31	9.525	2.54 - 3.00	29.59	25.65	.127 - .381	29.82	23.39	.508 - 1.02	29.97	8.407	4.00 - 4.00	30.02	10.90	1.52 - 1.78
29.03	4.750	1.52 - 1.91	29.31	9.830	.127 - .203	29.59	27.05	.127 - .254	29.85	1.372	.508 - 1.02	29.97	8.992	.254 - .508	30.02	12.85	.127 - .508
29.03	5.232	1.02 - 1.52	29.31	12.67	1.27 - 1.91	29.59	27.94	.127 - .254	29.85	1.600	.508 - .813	29.97	9.068	3.81 - 4.00	30.02	13.97	1.27 - 1.52
29.03	6.350	1.52 - 1.91	29.31	14.83	.762 - 1.52	29.59	28.50	.127 - .254	29.85	6.604	2.30 - 3.00	29.97	9.728	1.22 - 1.91	30.02	14.25	.762 - 1.27
29.03	7.950	1.52 - 1.91	29.31	18.03	.127 - .254	29.62	17.50	.254 - .508	29.85	11.13	.381 - .762	29.97	10.11	.127 - .508	30.02	16.13	2.54 - 3.00
29.03	7.976	1.57 - 2.00	29.31	19.99	2.30 - 2.54	29.62	24.31	.635 - .889	29.85	13.06	.508 - .889	29.97	10.39	.127 - .254	30.02	18.14	1.22 - 1.57
29.03	9.525	1.52 - 1.91	29.31	20.40	.762 - 1.27	29.67	4.928	.508 - .762	29.85	15.88	.254 - .508	29.97	11.13	1.27 - 1.78	30.02	19.05	2.30 - 3.00
29.03	9.550	.508 - .889	29.31	21.74	.635 - 1.02	29.67	5.817	.508 - 1.02	29.85	18.16	.254 - .508	29.97	11.99	.127 - .254	30.02	19.10	2.54 - 3.00
29.03	12.80	.127 - .508	29.31	22.23	.254 - .508	29.67	17.70	.635 - 1.02	29.85	18.19	.127 - .254	29.97	12.04	.127 - .254	30.02	19.13	.127 - .254
29.03	16.54	4.00 - 4.00	29.31	22.28	.127 - .254	29.67	17.88	3.00 - 4.00	29.85	19.05	.127 - .254	29.97	12.07	.127 - .254	30.02	20.35	.254 - .508
29.03	18.77	.127 - .254	29.31	26.24	.127 - .254	29.67	19.05	.127 - .254	29.85	20.68	.508 - 1.02	29.97	12.09	.635 - 1.02	30.02	22.02	.254 - .508
29.03	20.62	2.54 - 3.00	29.34	6.350	1.02 - 1.52	29.67	21.41	.127 - .254	29.85	22.05	.127 - .254	29.97	12.32	.254 - .508	30.02	24.38	.127 - .254
29.03	21.54	.381 - 1.02	29.34	6.756	1.27 - 1.91	29.67	23.42	.127 - .254	29.85	22.99	.762 - 1.27	29.97	12.67	.381 - .635	30.02	25.22	.127 - .254
29.03	24.18	1.27 - 1.78	29.34	11.10	1.27 - 1.91	29.67	25.02	.127 - .508	29.85	23.50	.508 - .762	29.97	13.23	1.78 - 2.30	30.05	10.29	.254 - .508
29.08	5.334	.127 - .254	29.34	12.73	1.91 - 2.30	29.67	25.30	.127 - .381	29.85	25.02	2.00 - 2.54	29.97	13.72	.381 - .635	30.05	19.58	1.52 - 2.00
29.08	21.74	.127 - .254	29.34	12.95	.762 - 1.02	29.67	25.40	.127 - .254	29.85	25.37	.381 - .508	29.97	14.30	.254 - .508	30.05	20.50	1.52 - .381
29.08	22.76	.762 - 1.52	29.34	19.46	.508 - .762	29.69	3.200	.254 - .635	29.85	26.19	.127 - .254	29.97	16.13	1.02 - 1.52	30.05	20.57	2.70 - 3.00
29.11	7.341	.381 - .762	29.34	19.69	.762 - 1.27	29.69	9.906	1.52 - 2.10	29.87	3.226	.635 - 1.02	29.97	17.04	3.81 - 4.00	30.05	23.70	1.78 - 2.30
29.11	25.65	.127 - .508	29.34	24.56	.635 - 1.07	29.69	10.41	1.78 - 2.30	29.87	9.423	1.02 - 1.52	29.97	17.63	2.00 - 2.60	30.05	25.40	1.02 - 1.52
29.11	26.29	.254 - .508	29.36	3.175	.127 - .254	29.69	10.64	2.30 - 3.00	29.87	11.15	.127 - .254	29.97	18.14	3.00 - 3.00	30.07	3.226	1.52 - 2.10
29.13	8.026	1.27 - 1.78	29.36	4.775	2.54 - 3.00	29.69	17.55	2.30 - 2.80	29.87	11.25	.127 - .508	29.97	18.97	.762 - 1.27	30.07	14.86	.254 - .508
29.13	19.69	1.78 - 2.30	29.36	9.627	1.02 - 1.52	29.69	17.73	.762 - 1.27	29.87	12.70	1.78 - 2.30	29.97	19.63	.381 - .762	30.07	16.13	1.57 - 2.10
29.16	5.613	1.78 - 2.30	29.36	13.51	.635 - 1.02	29.69	22.30	2.00 - 2.54	29.87	12.85	.127 - .254	29.97	19.99	.254 - .508	30.07	18.54	.635 - 1.02
29.16	6.375	2.70 - 3.00	29.36	14.27	.254 - .508	29.69	22.35	1.02 - 1.52	29.87	14.96	.508 - .762	29.97	20.02	2.30 - 2.70	30.07	19.13	.127 - .254
29.16	16.00	.508 - .762	29.36	14.35	2.54 - 3.00	29.69	22.43	.127 - .254	29.87	15.88	1.02 - 2.70	29.97	20.04	.254 - 1.27	30.07	20.50	.127 - .254
29.16	20.55	.127 - .254	29.36	14.78	1.27 - 1.91	29.69	25.27	.127 - .254	29.87	17.32	.127 - .254	29.97	20.14	2.70 - 3.00	30.07	25.27	.127 - .254
29.16	23.90	.508 - .762	29.36	19.43	2.70 - 3.00	29.69	28.42	.254 - .508	29.87	19.20	.762 - 1.27	29.97	22.61	.254 - .508	30.07	27.25	.127 - .254
29.18	4.750	.762 - 1.27	29.36	20.17	1.02 - 1.57	29.72	5.690	.127 - .254	29.90	6.883	.127 - .381	29.97	22.73	.127 - .254	30.10	2.261	1.52 - 2.30
29.18	7.950	2.30 - 2.80	29.36	20.62	.127 - .305	29.72	6.502	.508 - .762	29.90	11.30	.127 - .762	29.97	22.94	.127 - .254	30.10	6.401	1.02 - 1.52
29.18	9.728	.254 - .381	29.36	22.68	.127 - .508	29.72	11.18	2.30 - 2.70	29.90	19.28	1.27 - 1.78	29.97	24.05	.254 - .508	30.10	7.950	2.54 - 3.00
29.18	16.05	1.52 - 2.00	29.36	23.01	.635 - 1.02	29.72	13.31	.127 - .254	29.90	19.86	.127 - .254	29.97	24.92	.127 - .254	30.10	8.001	1.27 - 1.91
29.18	21.62	.127 - .254	29.36	23.14	.508 - 1.02	29.72	15.52	.508 - 1.02	29.90	20.07	.762 - 1.27	29.97	25.27	.127 - 1.02	30.10	8.331	2.54 - 3.00
29.18	23.95	.762 - 1.27	29.36	24.54	.127 - .254	29.72	17.15	.813 - 1.27	29.90	20.90	2.40 - 3.00	29.97	25.78	1.02 - 1.52	30.10	9.271	1.91 - 3.00
29.18	25.37	1.02 - 1.52	29.36	24.59	.254 - .762	29.72	18.03	.127 - .254	29.90	21.97	1.57 - 2.30	29.97	26.14	.127 - .254	30.10	9.525	2.54 - 3.00
29.21	3.175	1.57 - 2.10	29.39	9.601	1.27 - 1.78	29.72	19.25	1.27 - 1.78	29.90	22.23	.635 - 1.02	30.10	11.05	2.54 - 3.00	30.10	11.05	2.54 - 3.00
29.21	4.724	1.57 - 2.10	29.39	14.48	.508 - 1.02	29.72	20.14	.762 - 1.27	29.90	22.30	2.70 - 3.00	30.10	11.10	1.52 - 2.00	30.10	11.10	1.52 - 2.00
29.21	4.750	.762 - 1.27	29.39	19.00	.381 - .762	29.72	20.70	.127 - .254	29.90	22.43	2.70 - 3.00	30.10	14.43	.127 - .254	30.10	14.43	.127 - .254
29.21	5.156	1.57 - 2.10	29.39	19.94	.508 - .762	29.72	21.84	.508 - 1.02	29.90	22.68	.127 - .254				30.10	15.47	.762 - 1.02
29.21	6.350	1.57 - 2.10	29.41	10.36	.254 - .762	29.72	22.10	.254 - .508	29.90	23.14	1.27 - 1.78				30.10	16.38	.254 - 1.02
29.21	6.401	.127 - .254	29.41	12.09	.127 - .254	29.72	22.35	.762 - 1.27	29.90	24.23	1.52 - 2.00				30.10	17.78	.127 - .381
29.21	7.950	1.57 - 2.10	29.41	24.66	1.27 - 1.52	29.72	23.34	.635 - 1.02	29.90	25.12	1.78 - 2.30				30.10	18.01	2.54 - 3.00
29.21	9.525	.508 - 2.10	29.41	26.72	.381 - .762	29.72	23.37	.127 - .254	29.90	25.15	.635 - 1.02				30.10	19.13	.127 - .254
29.21	9.550	.254 - .508	29.44	7.569	.635 - 1.02	29.72	23.77	.254 - .635	29.90	25.20	.127 - .254	30.00	6.071	.127 - .254	30.10	19.18	.762 - 1.27
29.21	9.576	.381 - .762	29.44	9.982	.381 - .762	29.72	25.02	1.02 - 1.57	29.90	25.40	.127 - .254	30.00	6.401	.127 - .254	30.10	19.51	.127 - .254
29.21	9.703	.508 - .762	29.44	17.45	.508 - 1.02	29.72	25.40	.508 - .813	29.92	9.652	2.30 - 3.00	30.00	6.731	.762 - 1.27	30.10	19.89	1.27 - 3.00
29.21	12.78	.127 - .508	29.44	22.89	.127 - .254	29.72	25.45	.127 - .508	29.92	10.03	2.54 - 3.00	30.00	8.				

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
30.15	9.601	.127 - .254	30.23	13.49	1.27 - 1.78	30.45	14.27	.381 - .762	30.66	9.677	4.00 - 5.00	30.99	24.38	1.27 - 2.10	31.34	25.78	.203 - .406
30.15	9.906	3.00 - 5.00	30.23	13.79	1.52 - 2.00	30.45	18.67	1.27 - 1.78	30.66	24.74	1.27 - 1.78	30.99	25.50	.254 - .508	31.34	26.04	.762 - 1.27
30.15	10.26	.508 - 1.02	30.23	14.33	.508 - .889	30.45	18.72	.508 - 1.02	30.68 6.579	.127 - .254		30.99 27.51	.127 - .254		31.34	27.43	.508 - .762
30.15	12.12	2.54 - 3.00	30.23	15.90	.635 - 1.78	30.45	21.08	1.02 - 1.52	30.68	9.906	.254 - 1.27	30.99	27.69	1.07 - 1.57	31.37	12.70	.254 - .508
30.15	13.00	1.52 - 2.00	30.23	16.66	2.80 - 3.00	30.45	25.70	.381 - .762	30.71	22.68	.508 - .762	30.99	28.35	1.02 - 1.27	31.37 15.90	.127 - .508	
30.15	13.11	1.65 - 2.00	30.23	18.75	1.27 - 1.78	30.45	26.67	1.02 - 1.52	30.73	7.925	.381 - .762	31.01	3.327	.381 - .762	31.37	15.95	1.02 - 1.52
30.15	13.18	.254 - .508	30.23	19.10	1.07 - 1.52	30.45 26.75	.127 - .254		30.73	9.728	1.27 - 1.91	31.01	4.928	.508 - 1.02	31.37	17.65	2.30 - 2.54
30.15	13.97	.635 - 1.02	30.23	19.13	.381 - 1.02	30.48	3.505	1.27 - 1.78	30.73	17.12	1.27 - 1.57	31.01	6.528	1.02 - 1.52	31.37 18.59	.127 - .254	
30.15	15.09	2.00 - 2.54	30.23	19.99	2.00 - 2.60	30.48	4.267	.762 - 1.27	30.73 22.30	.127 - .508		31.01	22.02	.508 - 1.02	31.37	19.46	.254 - .508
30.15	15.88	.762 - 1.27	30.23	20.75	1.22 - 1.57	30.48	4.724	.508 - 1.02	30.73	24.33	2.54 - 3.00	31.01	22.83	.635 - 1.02	31.37 20.37	.127 - .254	
30.15	16.05	.152 - .508	30.23	21.08	1.02 - 1.27	30.48	5.410	1.02 - 1.52	30.73	26.37	1.27 - 1.91	31.01 23.27	.127 - .254		31.37 22.40	.127 - .508	
30.15	16.15	2.90 - 3.00	30.23	22.38	.635 - 1.02	30.48 5.588	.127 - .254		30.76	5.105	.254 - .508	31.01	25.04	.508 - 1.02	31.37	24.00	.254 - .508
30.15	16.26	1.02 - 1.52	30.23	22.61	1.27 - 1.52	30.48	6.350	2.00 - 2.54	30.76	10.24	1.91 - 2.30	31.01	27.79	.254 - .508	31.37	24.43	.254 - .508
30.15	16.66	1.22 - 1.57	30.23	23.32	.254 - .508	30.48 7.976	.127 - .508		30.76	19.08	1.27 - 1.91	31.01	27.89	.889 - 1.27	31.39 3.327	.127 - .254	
30.15	17.12	2.30 - 3.00	30.23	25.40	.762 - 1.02	30.48	8.306	.254 - .508	30.76 25.53	.127 - .254		31.04	4.928	.508 - 1.02	31.39 10.49	.127 - .254	
30.15	17.42	1.52 - 1.91	30.23 28.58	.127 - .254		30.48 8.890	.127 - .254		30.76	26.29	.254 - .508	31.04	21.23	.762 - 1.27	31.39 12.70	.127 - .254	
30.15	17.45	1.27 - 2.10	30.25	11.68	.508 - 1.02	30.48 9.550	.127 - .508		30.78	25.25	.762 - 1.27	31.04 25.78	.127 - .254		31.39	12.73	2.30 - 2.80
30.15	19.13	1.27 - 1.52	30.25	14.22	4.00 - 5.00	30.48	9.576	2.54 - 3.00	30.78	25.78	.508 - 1.02	31.04 27.41	.127 - .254		31.39 16.13	.127 - .254	
30.15	19.18	.508 - 1.02	30.25 22.40	.127 - .254		30.48 9.601	.127 - 3.00		30.78	25.81	.508 - 1.02	31.06	6.401	2.80 - 3.00	31.39	16.36	1.52 - 1.78
30.15	19.23	2.54 - 3.00	30.25	22.86	1.78 - 2.30	30.48	9.728	2.30 - 3.00	30.78	26.47	1.78 - 2.30	31.06	9.779	2.54 - 3.00	31.39	24.56	.508 - 1.02
30.15	19.43	.635 - 2.10	30.25	23.72	1.27 - 1.91	30.48 11.18	.127 - .508		30.81 22.71	.127 - .508		31.06	15.95	.203 - .381	31.39 28.50	.127 - .254	
30.15	20.62	1.57 - 2.10	30.28	18.77	.762 - 1.27	30.48 12.70	.127 - .508		30.81	27.28	.381 - .635	31.06	19.18	.635 - 1.02	31.42	22.02	.762 - 1.27
30.15	20.90	.813 - 3.00	30.28	19.76	1.02 - 1.52	30.48 12.73	.127 - .508		30.84	21.84	.762 - 1.27	31.06	20.14	.508 - 1.02	31.45	8.280	1.02 - 1.52
30.15 20.96	.127 - .254		30.28	25.50	.381 - .635	30.48 12.75	.127 - .508		30.84	22.33	.381 - .635	31.06 25.35	.127 - .762		31.45	16.26	1.78 - 2.30
30.15	22.20	.254 - .508	30.28	25.76	.508 - 1.02	30.48 12.78	.127 - .508		30.86	10.41	.254 - .508	31.06	25.91	.762 - 1.52	31.45	22.61	1.78 - 2.30
30.15	22.35	.254 - .508	30.30 4.039	.127 - .254		30.48 12.80	.127 - .762		30.86 12.04	.127 - .254		31.06 27.56	.127 - .254		31.47 18.24	.127 - .254	
30.15 22.38	.127 - .254		30.30	7.163	1.27 - 1.52	30.48	13.21	1.27 - 1.78	30.86	22.23	1.57 - 2.30	31.09	19.15	1.78 - 2.30	31.47	19.79	.508 - .762
30.15	22.40	.254 - .635	30.30	11.30	1.52 - 1.98	30.48 14.27	.127 - .508		30.89	9.576	1.52 - 2.10	31.09	27.69	1.02 - 1.52	31.47	22.33	1.57 - 2.10
30.15 23.98	.127 - .254		30.30	16.26	1.02 - 1.52	30.48	15.24	2.70 - 3.00	30.89	26.14	1.78 - 2.30	31.12	14.33	.254 - .508	31.47	22.48	.508 - .762
30.15 24.23	.127 - .254		30.30	25.48	.254 - .508	30.48 15.90	.127 - .508		30.89 27.25	.127 - .254		31.12 16.26	.127 - .254		31.47	24.13	.254 - .508
30.15 25.83	.127 - .305		30.33	19.30	1.27 - 1.78	30.48	16.31	.381 - .762	30.91 17.81	.127 - .254		31.12	20.98	1.02 - 1.52	31.47	24.43	.508 - 1.52
30.15	26.04	1.27 - 1.52	30.33	23.67	.762 - 1.27	30.48	16.51	.635 - 1.07	30.91 19.23	.127 - .254		31.12	24.05	.254 - .508	31.47	26.49	.381 - .762
30.15 26.14	.127 - .254		30.33	25.45	1.27 - 1.78	30.48	19.08	.762 - 1.27	30.91 22.91	.127 - .381		31.14	13.34	.381 - .762	31.50	1.651	.762 - 1.02
30.15 26.19	.127 - .254		30.33 25.70	.127 - .254		30.48	19.18	.254 - .508	30.91 25.27	.127 - .254		31.17 9.677	.127 - .254		31.50	3.226	2.30 - 2.70
30.18	2.388	.508 - .762	30.33	25.76	1.52 - 2.00	30.48	19.30	.508 - 1.02	30.91	25.35	.254 - .508	31.17 19.74	.127 - .254		31.50	4.369	.254 - .508
30.18	3.251	.508 - .889	30.33 27.23	.127 - .254		30.48	19.33	3.00 - 3.00	30.91 25.43	.127 - .635		31.17 20.62	.127 - .254		31.50	8.204	1.57 - 2.10
30.18	4.953	1.02 - 1.57	30.33 27.25	.127 - .254		30.48	19.96	2.00 - 2.30	30.91	25.73	.508 - 1.02	31.19	16.79	2.00 - 2.54	31.50	8.255	1.52 - 2.10
30.18	6.096	1.27 - 1.78	30.35 7.925	.127 - .254		30.48 20.22	.127 - .254		30.94	7.036	2.30 - 3.00	31.19	23.52	.254 - .508	31.50 9.601	.127 - .254	
30.18	6.452	1.27 - 1.78	30.35	9.627	1.02 - 1.27	30.48	20.75	2.00 - 2.70	30.94	8.001	.889 - 1.27	31.19 25.70	.127 - .254		31.50	9.652	.762 - 1.27
30.18	7.874	1.27 - 1.78	30.35	16.28	1.02 - 1.52	30.48 21.06	.127 - .254		30.94	9.017	1.02 - 1.52	31.22 10.57	.127 - .254		31.50	11.46	.381 - .762
30.18 7.925	.127 - .254		30.35	17.58	.203 - .508	30.48 23.75	.127 - .254		30.94	9.652	.508 - 1.52	31.22	15.01	1.02 - 1.52	31.50	12.29	1.78 - 2.30
30.18	8.280	1.57 - 2.10	30.35	18.54	.762 - 1.27	30.48	24.18	.762 - 1.02	30.94	11.15	.762 - 1.27	31.22	19.13	.508 - 1.02	31.50	14.22	1.91 - 2.70
30.18	11.15	1.52 - 2.00	30.35	20.19	1.27 - 1.78	30.48 25.15	.127 - .508		30.94 12.04	.127 - .254		31.22	19.23	.635 - 1.78	31.50	16.13	.762 - 1.02
30.18	12.90	.508 - 1.02	30.35	21.97	.381 - .762	30.48 25.40	.127 - 1.52		30.94	14.35	1.07 - 1.57	31.22	19.94	.813 - 1.27	31.50	17.70	.762 - 1.83
30.18	13.08	1.02 - 1.52	30.35 22.15	.127 - .254		30.48 25.73	.381 - .762		30.94	19.25	.635 - .889	31.22	21.87	1.78 - 2.30	31.50	18.03	1.02 - 1.52
30.18	13.46	1.22 - 1.91	30.35	23.16	.254 - .508	30.48 26.62	.127 - .254		30.94	21.72	1.52 - 1.91	31.22	23.29	.635 - 1.07	31.50	19.02	.254 - .508
30.18 14.30	.127 - .191		30.35 23.24	.127 - .254		30.48	26.67	.635 - 1.02	30.94	21.74	1.52 - 1.91	31.22 23.34	.127 - .254		31.50	20.62	.635 - 1.02
30.18	15.77	2.00 - 2.54	30.35	24.49	.813 - 1.22	30.48 27.25	.127 - .762		30.94	22.58	1.27 - 1.57	31.22	23.37	.254 - .508	31.50 20.68	.127 - .254	
30.18	15.82	1.02 - 1.52	30.35 24.89	.127 - .381		30.51 6.528	.127 - .254		30.94	26.37	1.52 - 2.00	31.24	3.683	1.27 - 1.78	31.50	22.23	.762 - 3.00
30.18	15.90	2.70 - 3.00	30.35	24.97	.254 - .508	30.51	7.976	.762 - 1.27	30.94	27.33	.635 - 1.02	31.24 4.470	1.02 - 1.52		31.50	23.80	2.30 - 2.70
30.18	16.66	.635 - 1.02	30.35	26.06	.254 - .762	30.51 10.03	.127 - .762		30.96	6.807	1.52 - 2.00	31.24	5.105	3.00 - 4.00	31.50	23.83	.508 - 1.02
30.18	17.48	1.02 - 1.52	30.35	28.35	.254 - .508	30.51	14.27	.508 - .762	30.96 6.858	.127 - .635		31.24	9.601	1.52 - 2.00	31.50	24.38	.635 - 1.02
30.18	19.28	4.00 - 5.00	30.35	28.45	.381 - .762	30.51	18.31	1.27 - 1.78	30.96	8.001	.889 - 1.27	31.24	9.677	1.07 - 1.57	31.50	25.78	.635 - 1.78
30.18 19.38	.127 - .254		30.38	6.706	.635 - 1.07	30.51 19.18	.127 - .254		30.96 12.01	.127 - .254		31.24	12.73	1.27 - 1.78	31.50	26.31	.762 - 1.27
30.18	19.43	1.78 - 2.30	30.38 9.601	.127 - .254		30.51	19.30	1.27 - 1.78	30.96	13.08	1.27 - 1.91	31.24	15.54	1.27 - 1.78	31.50	26.97	.254 - .508
30.18	20.29	1.27 - 1.78	30.38														

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
31.57	15.60	.127 - .254	31.67	9.601	.127 - .254	31.72	11.28	.914 - 1.52	31.75	9.576	.127 - .254	31.75	20.09	.254 - .508	31.78	16.26	.127 - .254
31.57	17.75	.127 - .254	31.67	9.957	.127 - .254	31.72	11.43	.127 - .254	31.75	9.601	.127 - .762	31.75	20.19	.178 - .381	31.78	16.71	1.02 - 1.57
31.57	21.72	1.78 - 2.30	31.67	11.43	.508 - .762	31.72	12.57	.127 - .254	31.75	9.627	.305 - 1.02	31.75	20.22	2.80 - 3.00	31.78	16.99	1.27 - 1.78
31.57	24.51	2.30 - 2.70	31.67	12.78	.762 - 1.27	31.72	12.95	1.78 - 2.30	31.75	9.703	2.54 - 3.00	31.75	20.27	.381 - .762	31.78	17.58	2.30 - 2.80
31.57	26.04	.762 - 1.02	31.67	14.53	.762 - 1.22	31.72	13.11	.762 - 1.27	31.75	9.728	.762 - 1.27	31.75	20.40	2.00 - 2.54	31.78	17.65	.635 - 1.02
31.57	26.34	.381 - .762	31.67	17.37	2.80 - 3.00	31.72	13.51	4.00 - 5.00	31.75	9.906	.127 - 2.00	31.75	20.52	.254 - .508	31.78	18.42	.508 - 1.02
31.57	27.94	1.07 - 1.52	31.67	17.75	.127 - .254	31.72	14.68	1.52 - 1.78	31.75	10.31	2.54 - 5.00	31.75	20.62	.254 - 2.60	31.78	19.10	.508 - .762
31.60	3.810	.381 - .762	31.67	19.15	1.27 - 1.78	31.72	15.37	.127 - .254	31.75	10.34	.127 - 1.27	31.75	21.03	.508 - .762	31.78	19.18	.381 - .762
31.60	19.51	1.52 - 3.00	31.67	20.73	.127 - 1.27	31.72	15.82	1.02 - 1.52	31.75	10.49	2.54 - 3.00	31.75	21.06	2.30 - 3.00	31.78	19.28	2.70 - 3.00
31.60	19.56	.508 - 2.10	31.67	21.59	1.78 - 2.30	31.72	16.13	.127 - .254	31.75	11.07	2.54 - 3.00	31.75	21.31	3.00 - 3.00	31.78	20.68	1.91 - 2.54
31.60	19.86	1.78 - 2.30	31.67	22.20	.381 - .762	31.72	16.51	.508 - .762	31.75	11.10	.254 - .508	31.75	21.41	.127 - .762	31.78	21.18	.127 - .254
31.60	20.14	.127 - .254	31.67	23.80	.406 - .635	31.72	16.54	.508 - 1.02	31.75	11.18	1.02 - 3.00	31.75	21.46	1.27 - 2.00	31.78	22.20	1.27 - 1.91
31.60	20.35	.635 - 1.02	31.67	24.84	1.27 - 1.78	31.72	16.76	.508 - 1.02	31.75	11.20	.127 - .305	31.75	21.72	1.02 - 1.52	31.78	22.25	.127 - .254
31.60	22.30	2.70 - 3.00	31.67	25.20	1.57 - 2.10	31.72	16.84	1.52 - 2.00	31.75	11.23	1.02 - 1.52	31.75	22.23	3.00 - 3.00	31.78	22.33	.127 - .254
31.60	24.56	2.00 - 2.54	31.67	25.68	.508 - .762	31.72	17.50	1.27 - 1.91	31.75	11.25	2.70 - 3.00	31.75	22.25	.762 - 1.27	31.78	23.04	1.02 - 1.57
31.60	25.40	.635 - 1.02	31.67	26.26	.889 - 1.27	31.72	17.53	2.00 - 2.54	31.75	11.30	2.54 - 3.00	31.75	22.30	1.02 - 1.52	31.78	23.57	.635 - 1.02
31.60	25.86	1.78 - 2.30	31.70	3.683	1.27 - 1.91	31.72	18.31	.762 - 1.27	31.75	11.56	.381 - .762	31.75	22.33	1.27 - 1.78	31.78	23.93	2.30 - 2.70
31.60	29.92	.127 - .254	31.70	3.734	.762 - 1.02	31.72	18.36	.254 - .508	31.75	12.19	1.02 - 1.52	31.75	22.35	.127 - .762	31.78	24.99	.254 - .508
31.62	5.207	.127 - 1.91	31.70	4.521	2.54 - 3.00	31.72	19.20	.914 - 1.52	31.75	12.70	.127 - 1.57	31.75	22.40	2.30 - 3.00	31.78	25.37	.127 - .254
31.62	8.001	4.00 - 5.00	31.70	5.131	1.27 - 1.78	31.72	19.25	.127 - .254	31.75	12.73	1.78 - 2.30	31.75	22.53	.127 - .254	31.78	25.48	.127 - .254
31.62	8.636	.127 - .254	31.70	6.477	.127 - .254	31.72	20.24	.762 - 1.27	31.75	12.78	.127 - .508	31.75	22.56	.305 - .635	31.78	25.53	2.30 - 2.70
31.62	12.73	2.54 - 3.00	31.70	6.655	.127 - .254	31.72	20.32	.762 - 1.27	31.75	12.80	.152 - .381	31.75	22.58	1.52 - 2.30	31.78	26.67	.127 - .254
31.62	13.39	.127 - .254	31.70	6.680	1.27 - 1.91	31.72	20.62	1.27 - 1.78	31.75	12.83	.127 - .508	31.75	22.61	.127 - 2.30	31.78	27.46	1.78 - 2.30
31.62	13.41	1.27 - 1.78	31.70	8.255	.762 - 1.27	31.72	21.59	.381 - .762	31.75	12.88	.127 - .254	31.75	22.68	.381 - .762	31.78	27.48	.508 - 1.02
31.62	13.97	.381 - .889	31.70	8.458	1.27 - 1.78	31.72	22.99	.381 - .762	31.75	12.90	.381 - 1.57	31.75	22.73	.635 - 1.78	31.78	27.91	.254 - .508
31.62	14.22	.127 - .254	31.70	8.738	1.07 - 1.52	31.72	23.37	.127 - .254	31.75	12.95	2.30 - 3.00	31.75	22.91	.127 - .254	31.78	28.19	.508 - .762
31.62	14.35	1.27 - 2.10	31.70	8.992	2.54 - 3.00	31.72	23.50	2.70 - 3.00	31.75	13.16	.127 - .254	31.75	23.04	1.02 - 1.52	31.80	6.807	.762 - 1.27
31.62	15.11	2.00 - 2.54	31.70	9.525	.127 - .254	31.72	24.16	.127 - .254	31.75	13.21	.508 - 1.52	31.75	23.80	2.54 - 3.00	31.80	7.112	2.70 - 3.00
31.62	16.03	.381 - .635	31.70	9.576	.508 - 1.02	31.72	24.41	.178 - .381	31.75	13.56	.914 - 2.30	31.75	23.85	2.54 - 3.00	31.80	8.026	.635 - 1.78
31.62	16.15	1.27 - 1.78	31.70	9.601	1.07 - 1.57	31.72	25.43	.762 - 1.27	31.75	13.72	.127 - 3.00	31.75	24.21	.381 - 2.10	31.80	8.052	3.00 - 4.00
31.62	18.82	.381 - .635	31.70	11.51	.127 - .254	31.72	26.09	.762 - 1.27	31.75	14.27	1.27 - 3.00	31.75	24.43	.381 - .508	31.80	8.103	1.27 - 1.78
31.62	19.15	1.27 - 1.91	31.70	11.56	2.30 - 3.00	31.72	26.34	.635 - 1.02	31.75	14.30	.127 - .762	31.75	25.04	2.30 - 2.70	31.80	8.357	1.22 - 1.57
31.62	19.20	.254 - .508	31.70	11.96	.127 - .254	31.72	27.94	1.91 - 2.30	31.75	14.33	2.60 - 3.00	31.75	25.15	.762 - 1.02	31.80	8.712	4.00 - 5.00
31.62	19.25	1.02 - 1.52	31.70	12.70	3.00 - 5.00	31.72	28.19	.254 - .508	31.75	14.50	1.02 - 1.52	31.75	25.27	1.52 - 2.00	31.80	9.550	.127 - .508
31.62	19.30	1.52 - 2.00	31.70	12.83	.127 - .508	31.72	28.80	.127 - .254	31.75	14.53	1.02 - 1.27	31.75	25.40	2.40 - 3.00	31.80	10.06	1.02 - 1.52
31.62	19.51	.381 - .635	31.70	12.90	2.70 - 3.00	31.72	29.36	.381 - .762	31.75	14.73	3.00 - 4.00	31.75	25.58	1.07 - 1.57	31.80	10.34	2.30 - 2.80
31.62	19.63	.127 - .254	31.70	12.95	.127 - .254	31.75	2.083	.635 - 1.02	31.75	14.88	.381 - .762	31.75	25.65	.254 - .508	31.80	10.36	.635 - 1.07
31.62	20.02	.635 - 1.02	31.70	13.13	.127 - 3.00	31.75	3.175	1.27 - 1.91	31.75	15.11	.381 - 3.00	31.75	25.68	.127 - .254	31.80	10.82	2.54 - 3.00
31.62	21.23	.762 - 1.27	31.70	13.51	.127 - .254	31.75	3.226	.787 - 1.22	31.75	15.88	.508 - 3.00	31.75	25.70	1.27 - 1.78	31.80	11.10	1.52 - 1.91
31.62	21.64	.127 - .254	31.70	13.59	.127 - .254	31.75	3.556	.508 - 3.00	31.75	16.00	1.27 - 2.54	31.75	25.83	1.52 - 2.10	31.80	11.23	3.00 - 4.00
31.62	22.35	.381 - .762	31.70	13.97	1.27 - 1.78	31.75	3.759	.203 - .406	31.75	16.15	.127 - .254	31.75	25.91	2.54 - 3.00	31.80	12.85	.127 - .254
31.62	22.53	1.27 - 1.78	31.70	14.20	4.00 - 5.00	31.75	4.166	.127 - .254	31.75	16.18	.127 - .254	31.75	26.24	.127 - .254	31.80	14.86	.762 - 1.27
31.62	23.39	.762 - 1.27	31.70	15.93	.254 - .508	31.75	4.191	1.52 - 2.10	31.75	16.26	.762 - 2.00	31.75	26.29	1.27 - 1.78	31.80	15.88	.127 - .254
31.62	24.00	.127 - .508	31.70	16.54	2.30 - 2.70	31.75	4.318	.762 - 1.52	31.75	16.28	2.54 - 3.00	31.75	26.31	2.00 - 2.70	31.80	15.98	.508 - .762
31.62	24.05	2.00 - 2.60	31.70	16.66	.127 - .254	31.75	4.623	.127 - .254	31.75	16.41	.127 - .381	31.75	26.70	.254 - .508	31.80	16.00	2.70 - 3.00
31.62	24.08	1.78 - 2.30	31.70	17.50	1.27 - 1.78	31.75	4.750	1.02 - 2.10	31.75	16.43	2.30 - 3.00	31.75	26.87	1.83 - 2.40	31.80	16.08	1.27 - 1.91
31.62	25.15	2.54 - 3.00	31.70	17.65	.127 - .254	31.75	4.877	1.02 - 1.57	31.75	16.51	.127 - .254	31.75	26.95	.635 - 1.02	31.80	16.26	.203 - .406
31.62	25.65	.508 - 2.70	31.70	18.36	.127 - .254	31.75	4.902	.762 - 1.52	31.75	16.66	1.78 - 5.00	31.75	28.32	.254 - .508	31.80	19.13	.127 - .254
31.62	28.12	.254 - .508	31.70	18.85	2.54 - 3.00	31.75	4.953	2.30 - 3.00	31.75	16.71	.127 - .254	31.75	28.52	.635 - 1.02	31.80	19.18	.127 - .254
31.62	28.52	.127 - .254	31.70	19.02	1.27 - 1.78	31.75	5.156	.406 - 3.00	31.75	16.76	.508 - 1.02	31.75	28.96	.381 - .635	31.80	19.43	.127 - .254
31.62	28.60	.127 - .254	31.70	19.05	.127 - .254	31.75	5.283	.127 - .254	31.75	16.81	2.70 - 3.00	31.75	29.08	.508 - 1.02	31.80	19.79	.127 - .381
31.62	28.70	.127 - .254	31.70	19.10	.203 - .381	31.75	5.410	.254 - .508	31.75	16.89	.762 - 1.02	31.75	29.64	.254 - .635	31.80	20.04	1.27 - 1.91
31.62	29.03	.127 - .381	31.70	19.30	.635 - 1.02	31.75	5.512	.381 - .762	31.75	16.99	.127 - .254	31.75	29.97	.127 - .381	31.80	20.07	1.27 - 1.91
31.65	6.401	2.00 - 2.60	31.70	19.81	2.00 - 2.60	31.75	5.766	.127 - .381	31.75	17.15	.381 - .762	31.75	30.00	.127 - .381	31.80	20.24	.254 - .508
31.65	6.452	.381 - .762	31.70	20.57	.127 - .254	31.75	6.350	.508 - .762	31.75	17.27	2.70 - 3.00	31.75	30.15	.127 - .254	31.80	22.40	.203 - .406
31.65	6.629	1.91 - 2.30	31.70	20.60	1.02 - 2.54	31.75	6.401	.305 - 2.30	31.75	17.35	.254 - .508	31.78	3.327	1.27 - 1.78	31.80	23.67	2.54 - 3.00
31.65	9.754	1.27 - 2.10	31.70	20.65	1.02 - 1.57	31.75	6.452	.127 - .305	31.75	17.48	2.30 - 3.00	31.78	3.353	1.78 - 2.30	31.80	24.41	1.78 - 1.02
31.65	14.38	.127 - .254	31.70	22.28	.127 - .254	31.75	6.477	.127 - .254	31.75	17.50	.254 - 1.02	31.78	4.750	.127 - .254	31.80	24.51	.508 - .762
31.65																	

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
31.83	22.50	.127 - 1.78	32.00	10.03	.127 - .254	32.26	24.79	1.02 - 1.52	32.56	7.874	1.91 - 2.30	32.94	29.21	.508 - 1.02	33.05	24.00	2.00 - 2.70
31.83	23.22	.508 - .762	32.00	10.11	.127 - .508	32.26	22.50	.127 - .254	32.56	10.36	.127 - .254	32.94	29.69	.508 - 1.27	33.05	24.43	2.70 - 3.00
31.83	25.40	.635 - 1.02	32.00	11.18	.127 - .254	32.28	23.88	.152 - .305	32.56	10.39	.127 - .254	32.97	5.588	1.52 - 2.00	33.05	27.13	.762 - 1.27
31.83	26.04	.762 - 1.27	32.00	11.40	.254 - .508	32.28	25.53	.635 - 1.02	32.56	14.73	.254 - .508	32.97	6.985	1.27 - 1.91	33.07	11.20	2.54 - 3.00
31.83	28.19	.254 - .508	32.00	12.04	.127 - .254	32.28	27.43	.508 - .889	32.56	23.93	.254 - .508	32.97	10.03	.254 - .508	33.07	12.12	1.27 - 1.78
31.83	28.52	.127 - .254	32.00	12.07	.127 - .254	32.31	13.34	1.27 - 1.78	32.56	25.91	.127 - .254	32.97	11.20	.254 - .508	33.07	15.95	2.54 - 3.00
31.85	13.11	1.22 - 1.91	32.00	12.12	.127 - .254	32.31	16.33	2.30 - 3.00	32.56	26.49	.762 - 1.27	32.97	12.17	2.70 - 3.00	33.07	19.66	1.52 - 2.30
31.85	13.77	.254 - .508	32.00	12.73	.127 - .762	32.31	20.32	1.02 - 1.52	32.56	27.08	1.02 - 1.52	32.97	12.60	.762 - 1.27	33.07	19.99	2.54 - 3.00
31.85	16.00	1.27 - 1.78	32.00	12.78	2.54 - 3.00	32.33	19.81	2.00 - 2.70	32.56	29.51	.254 - .508	32.97	12.80	2.30 - 2.80	33.07	25.58	.305 - .508
31.85	19.00	1.02 - 1.52	32.00	12.83	.127 - .508	32.33	23.04	.762 - 1.27	32.56	29.57	.254 - .508	32.97	16.00	.127 - .254	33.07	30.48	.127 - .254
31.85	19.43	1.27 - 1.91	32.00	14.05	.254 - .508	32.33	23.37	.508 - .762	32.59	2.642	.127 - .254	32.97	16.26	.127 - .254	33.10	4.928	.127 - .254
31.85	19.46	3.00 - 4.00	32.00	16.00	.127 - .254	32.36	18.06	.762 - 1.27	32.59	9.525	.508 - .889	32.97	22.35	1.78 - 2.30	33.10	12.80	.127 - .254
31.85	21.34	1.27 - 1.91	32.00	16.05	.127 - .254	32.36	23.83	.381 - .635	32.59	10.39	.254 - .508	32.97	23.01	.381 - .635	33.10	18.64	.508 - .762
31.85	27.15	.508 - 1.02	32.00	17.32	1.52 - 2.00	32.36	24.61	2.00 - 2.70	32.59	16.51	2.00 - 2.30	32.99	3.556	.508 - 1.02	33.10	22.83	1.02 - 1.52
31.85	27.51	.762 - 1.27	32.00	17.35	1.52 - 2.00	32.36	28.58	.127 - .254	32.59	17.04	.381 - .635	32.99	6.223	.127 - .254	33.12	6.350	1.02 - 1.27
31.85	28.70	.381 - .762	32.00	17.50	.508 - .762	32.39	6.477	.381 - .762	32.59	22.61	.381 - .762	32.99	6.426	.762 - 1.02	33.12	11.94	1.91 - 3.00
31.88	12.73	1.52 - 2.00	32.00	19.05	1.57 - 3.00	32.39	7.544	.635 - 1.07	32.59	28.60	1.02 - 1.52	32.99	9.779	.127 - .254	33.12	12.80	2.30 - 3.00
31.88	16.66	.254 - 3.00	32.00	21.01	1.02 - 1.52	32.39	7.950	1.52 - 2.30	32.59	29.64	.127 - .254	32.99	10.03	.127 - .508	33.12	30.20	.127 - .406
31.88	16.87	2.30 - 2.70	32.00	24.99	.635 - 1.02	32.39	10.39	1.27 - 1.78	32.61	4.877	1.27 - 1.78	32.99	10.06	.127 - .254	33.15	2.032	.127 - .203
31.88	18.14	2.80 - 3.00	32.00	25.45	2.00 - 2.54	32.39	10.41	.635 - 1.07	32.61	8.230	2.00 - 2.60	32.99	11.96	.762 - 1.27	33.15	13.06	2.54 - 3.00
31.88	19.15	1.78 - 2.00	32.00	26.67	.381 - .635	32.39	10.44	.635 - 1.02	32.61	19.99	1.27 - 1.78	32.99	12.01	.127 - .254	33.15	17.91	1.57 - 3.00
31.88	21.41	3.00 - 5.00	32.00	26.80	.254 - .381	32.39	12.70	1.91 - 2.30	32.61	25.88	.254 - .508	32.99	14.05	.127 - .381	33.15	18.64	.508 - .762
31.88	21.46	.127 - .254	32.00	27.94	1.02 - 1.52	32.39	17.07	.635 - 1.07	32.61	27.66	.381 - .762	32.99	15.90	.254 - .508	33.15	20.40	1.02 - 1.52
31.88	22.15	.762 - 1.27	32.00	28.70	.254 - .508	32.39	20.24	.635 - 1.07	32.61	30.68	.127 - .254	32.99	20.62	.635 - 1.02	33.15	20.96	1.02 - 1.52
31.88	24.38	1.02 - 1.52	32.03	3.200	.254 - .305	32.39	24.89	.508 - 1.02	32.64	10.39	3.00 - 3.00	32.99	23.42	1.02 - 1.52	33.15	20.98	2.54 - 3.00
31.88	26.19	.508 - .762	32.03	4.953	.127 - .254	32.39	25.63	2.30 - 2.80	32.64	18.39	.127 - .254	32.99	24.33	1.27 - 1.78	33.15	23.93	.508 - 1.02
31.88	27.41	.508 - .762	32.03	5.512	2.70 - 3.00	32.39	26.54	.635 - 1.07	32.64	28.85	.127 - .254	32.99	24.38	.127 - .254	33.15	25.55	.381 - 1.762
31.90	5.531	1.27 - 2.10	32.03	8.026	2.30 - 3.00	32.39	26.92	.127 - .203	32.66	6.375	1.52 - 2.30	32.99	25.88	.635 - 1.07	33.15	25.68	.127 - .254
31.90	8.357	1.91 - 2.54	32.03	10.52	.127 - .254	32.39	27.74	.127 - .254	32.66	12.93	4.00 - 5.00	32.99	26.16	.406 - .635	33.15	30.51	.254 - .508
31.90	12.88	1.27 - 1.78	32.03	12.83	1.78 - 2.30	32.41	2.667	.635 - 1.02	32.66	20.55	.127 - .254	32.99	27.13	.127 - .254	33.17	19.25	1.02 - 1.52
31.90	13.18	2.54 - 3.00	32.03	12.93	2.70 - 3.00	32.41	20.85	1.27 - 1.78	32.66	20.60	2.30 - 2.70	33.02	3.734	2.00 - 2.60	33.17	24.64	.381 - .635
31.90	15.57	.381 - .762	32.03	16.05	.127 - .254	32.44	16.69	2.10 - 2.70	32.66	23.32	.254 - .508	33.02	7.569	.508 - .762	33.17	25.30	.178 - .381
31.90	23.90	3.00 - 4.00	32.03	25.50	1.78 - 2.30	32.44	24.49	.508 - .762	32.69	4.521	1.27 - 2.10	33.02	7.925	.127 - .254	33.17	25.58	1.27 - 2.30
31.90	27.43	1.57 - 2.00	32.03	25.81	.127 - .254	32.44	26.90	1.27 - 1.78	32.69	6.375	1.52 - 2.30	33.02	8.026	2.70 - 3.00	33.17	27.18	.381 - .762
31.93	15.37	.127 - .254	32.03	27.00	.762 - 1.07	32.46	6.350	.127 - .381	32.69	6.452	1.27 - 1.57	33.02	8.077	.127 - .254	33.17	29.64	.127 - .254
31.93	17.09	.508 - .762	32.05	4.750	.508 - .889	32.46	12.70	2.54 - 3.00	32.69	6.706	.254 - .508	33.02	9.347	.635 - 1.02	33.17	30.07	.127 - .254
31.93	19.99	3.00 - 3.00	32.05	7.493	.508 - 1.02	32.46	13.44	2.54 - 3.00	32.69	29.01	.127 - .254	33.02	9.576	.127 - .508	33.20	12.75	.254 - .508
31.93	23.70	.762 - 1.22	32.05	13.59	.127 - .254	32.46	14.50	.127 - .254	32.72	15.60	1.27 - 1.78	33.02	9.601	.127 - .508	33.20	16.64	.127 - .254
31.93	23.90	3.00 - 4.00	32.05	24.16	.762 - 1.27	32.46	19.05	.381 - .762	32.72	19.33	.762 - 1.27	33.02	9.703	.254 - .508	33.20	27.13	1.91 - 2.30
31.93	24.28	.127 - .254	32.08	22.40	2.70 - 3.00	32.46	20.85	.762 - 1.27	32.72	19.74	2.54 - 3.00	33.02	9.728	.508 - .762	33.22	3.175	1.02 - 1.57
31.93	25.76	.127 - .254	32.08	27.31	2.30 - 2.70	32.46	23.47	.127 - .254	32.72	25.98	.381 - 1.762	33.02	10.01	.127 - .508	33.22	5.588	1.27 - 1.78
31.93	27.94	.127 - .381	32.08	27.56	2.54 - .508	32.49	11.13	.127 - .254	32.72	28.22	.508 - .889	33.02	10.08	.254 - .508	33.22	6.375	.127 - .254
31.93	29.62	.635 - 1.02	32.08	27.66	.635 - .889	32.49	16.08	1.27 - 1.52	32.72	28.27	1.91 - 2.30	33.02	11.10	.127 - .254	33.22	15.72	.127 - .254
31.95	9.652	.127 - .254	32.11	13.92	.762 - 1.27	32.51	3.937	.127 - .381	32.72	28.65	1.02 - 1.52	33.02	11.13	.254 - .508	33.22	19.08	1.27 - 1.91
31.95	12.01	.127 - .254	32.13	8.992	3.00 - 3.00	32.51	4.318	2.54 - 3.00	32.72	29.21	.381 - .762	33.02	11.18	.127 - .508	33.22	19.35	1.78 - 2.30
31.95	12.04	.127 - .254	32.13	9.550	1.52 - 2.00	32.51	5.613	1.78 - 2.30	32.74	28.27	1.91 - 2.30	33.02	12.98	.254 - .508	33.22	22.91	.127 - .254
31.95	12.14	.127 - .254	32.13	12.80	.127 - .254	32.51	8.077	1.27 - 1.57	32.77	3.251	.508 - .762	33.02	13.16	.254 - .508	33.25	7.899	2.70 - 3.00
31.95	13.67	.254 - .508	32.13	13.54	2.54 - 3.00	32.51	11.13	.762 - 1.02	32.77	5.867	2.70 - 3.00	33.02	14.17	.254 - .508	33.25	9.576	.127 - .381
31.95	16.05	.381 - .762	32.13	22.00	2.00 - 2.54	32.51	13.16	.508 - 1.02	32.77	6.706	.127 - .254	33.02	15.95	.508 - .889	33.25	9.957	.762 - 1.22
31.95	17.20	.762 - 1.27	32.13	22.23	1.02 - 1.52	32.51	13.46	.381 - .635	32.77	9.576	.508 - .762	33.02	15.98	.127 - .762	33.25	15.42	.635 - 1.02
31.95	17.42	.127 - .254	32.13	23.62	.254 - .508	32.51	15.95	1.02 - 1.52	32.77	15.93	.508 - .762	33.02	16.00	1.27 - 1.91	33.25	16.13	.254 - .508
31.95	18.34	.762 - 1.27	32.13	25.15	2.54 - 3.00	32.51	16.97	1.57 - 3.00	32.77	19.30	.762 - 1.52	33.02	16.13	.254 - .508	33.25	20.09	.127 - .254
31.95	24.99	.254 - .381	32.13	25.40	1.52 - 1.91	32.51	17.20	.762 - 1.27	32.77	25.40	1.27 - 1.78	33.02	16.51	2.00 - 2.70	33.25	20.65	.508 - .889
31.95	25.50	.381 - .762	32.13	30.63	.127 - .254	32.51	19.30	1.02 - 1.52	32.77	29.11	1.27 - 1.52	33.02	17.20	.762 - 1.27	33.25	20.73	.178 - .406
31.95	25.6																

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
33.27	26.64	.127 - .254	33.35	27.00	1.02 - 1.52	33.63	20.52	2.70 - 3.00	33.96	21.74	.254 - .508	34.16	26.42	.381 - .762	34.42	20.19	2.30 - 2.70
33.27	28.70	.127 - .381	33.35	28.40	.381 - .889	33.63	25.43	.508 - 1.02	33.96	22.45	.127 - .254	34.16	29.79	.381 - .762	34.42	22.83	1.27 - 1.78
33.30	4.801	1.02 - 1.52	33.35	29.16	.508 - .762	33.66	3.175	.254 - .508	33.96	24.00	1.52 - 2.00	34.16	29.82	.381 - .635	34.42	25.65	2.30 - 2.80
33.30	5.131	.508 - 1.02	33.35	29.57	.635 - 1.02	33.66	3.531	1.02 - 1.52	33.96	24.99	.127 - 1.02	34.19	5.105	1.52 - 2.00	34.42	27.03	.381 - .762
33.30	6.629	.508 - 1.02	33.38	6.807	.762 - 1.52	33.66	3.581	.254 - .508	33.96	25.43	1.78 - 2.30	34.19	11.25	.127 - .635	34.42	27.03	.381 - .762
33.30	8.509	2.00 - 2.54	33.38	8.661	1.52 - 2.00	33.66	3.988	.254 - .508	33.96	27.79	.127 - .254	34.21	11.20	.127 - .254	34.42	28.68	1.27 - 1.52
33.30	9.652	.762 - 1.27	33.38	9.957	1.02 - 1.52	33.66	4.343	.127 - .381	33.99	8.128	.127 - .254	34.21	12.70	.127 - .254	34.44	11.28	.635 - 1.07
33.30	9.881	.635 - 1.02	33.38	11.15	1.27 - 1.91	33.66	4.369	.254 - .508	33.99	10.01	.254 - .508	34.21	12.75	.127 - .254	34.44	25.40	.381 - .762
33.30	12.70	.635 - 1.02	33.38	11.20	2.70 - 3.00	33.66	5.182	.254 - .508	33.99	10.06	.254 - .508	34.21	27.31	.381 - .762	34.44	26.16	.381 - .762
33.30	14.55	.127 - .254	33.38	13.26	.381 - .762	33.66	5.537	.254 - .508	33.99	12.01	.127 - .254	34.21	28.96	.381 - .762	34.47	4.826	.508 - 1.02
33.30	15.06	1.91 - 2.30	33.38	15.06	.381 - .762	33.66	6.375	.254 - .508	33.99	12.07	.254 - .508	34.24	11.20	.127 - .254	34.47	8.890	.127 - .254
33.30	16.13	.127 - .254	33.38	15.90	2.54 - 3.00	33.66	6.858	.254 - .508	33.99	12.12	.127 - .254	34.24	12.70	.127 - .381	34.47	12.70	2.54 - 3.00
33.30	16.64	2.30 - 2.80	33.38	17.09	.381 - .635	33.66	7.137	1.02 - 1.52	33.99	12.83	.127 - .508	34.24	12.80	.152 - .305	34.47	16.92	2.00 - 2.54
33.30	17.17	.127 - .254	33.38	21.01	.254 - .508	33.66	7.493	2.00 - 2.60	33.99	14.02	.127 - .381	34.24	14.38	2.00 - 2.54	34.47	21.46	.813 - 1.52
33.30	17.48	4.00 - 5.00	33.38	22.48	1.78 - 2.54	33.66	7.645	.305 - .635	33.99	14.78	.127 - .254	34.24	17.20	.762 - 1.27	34.47	22.61	.508 - 1.02
33.30	21.79	.127 - .254	33.38	24.61	1.02 - 1.52	33.66	8.890	.254 - .508	33.99	19.08	2.54 - 3.00	34.24	17.78	.127 - .254	34.47	24.59	.127 - .254
33.30	22.23	.508 - 1.02	33.38	26.97	.152 - .406	33.66	9.677	.254 - .508	33.99	22.02	.508 - .762	34.24	18.21	1.91 - 2.30	34.47	26.16	.381 - 1.02
33.30	22.45	1.27 - 3.00	33.38	27.69	1.07 - 1.57	33.66	10.41	.254 - .381	33.99	23.80	.635 - 1.02	34.24	20.78	.127 - .381	34.49	3.175	.762 - 1.27
33.30	22.61	.762 - 1.27	33.40	4.496	.127 - .254	33.66	11.18	.254 - 3.00	33.99	24.97	.254 - .508	34.24	27.81	.254 - .635	34.49	5.309	3.00 - 3.00
33.30	24.05	.508 - 1.02	33.40	6.426	2.00 - 2.60	33.66	12.70	.254 - .381	33.99	28.47	.508 - .762	34.24	29.08	.254 - .635	34.49	15.27	1.02 - 1.52
33.30	25.27	.762 - 1.27	33.40	13.26	.254 - .508	33.66	15.24	.254 - .381	34.01	6.909	.381 - .762	34.26	11.96	1.02 - 1.52	34.49	20.40	.127 - .254
33.30	25.43	.127 - .254	33.40	14.22	.127 - .254	33.66	16.26	.254 - .381	34.01	8.026	.127 - .254	34.26	12.73	.127 - .254	34.49	26.06	1.27 - 1.91
33.30	25.53	.762 - 1.27	33.40	15.90	2.54 - 3.00	33.66	17.78	.254 - .381	34.01	12.04	.127 - .254	34.26	12.78	.127 - .508	34.49	26.34	.203 - .381
33.30	25.63	.762 - 1.02	33.40	23.44	.508 - .762	33.66	19.05	.254 - .381	34.01	16.26	2.54 - 3.00	34.26	12.80	.127 - .254	34.49	28.70	.127 - .254
33.30	30.23	.127 - .254	33.40	29.90	.127 - .254	33.66	20.57	.254 - .508	34.01	19.35	.127 - .254	34.26	15.06	1.52 - 2.00	34.52	17.50	.127 - .254
33.32	5.004	.635 - 1.02	33.43	16.64	.127 - .254	33.66	22.86	1.27 - 1.91	34.01	21.03	2.70 - 3.00	34.26	19.02	1.27 - 1.78	34.52	21.84	3.00 - 3.81
33.32	5.944	1.27 - 1.91	33.43	18.92	2.00 - 2.54	33.66	23.37	.254 - .381	34.01	24.97	.127 - .254	34.26	24.99	1.27 - 1.78	34.52	22.56	.127 - .254
33.32	6.375	1.27 - 1.78	33.43	22.38	.508 - 1.02	33.66	26.80	2.00 - 2.60	34.01	30.00	.127 - .254	34.26	32.87	.127 - .254	34.52	26.04	2.54 - 3.00
33.32	7.976	1.91 - 2.30	33.43	22.48	.635 - 1.27	33.66	29.95	2.00 - 2.54	34.01	30.53	.127 - .254	34.29	2.261	.127 - .254	34.52	26.11	2.54 - 3.00
33.32	8.128	.762 - 1.27	33.43	23.88	.254 - .381	33.68	7.976	.635 - 1.02	34.01	30.61	.127 - .254	34.29	2.286	.635 - 1.02	34.52	28.60	1.52 - 2.00
33.32	9.500	.508 - 1.02	33.43	24.84	1.07 - 1.52	33.68	14.48	.381 - 1.78	34.01	30.81	.381 - .762	34.29	6.096	3.00 - 3.00	34.54	5.182	1.27 - 1.91
33.32	9.576	.508 - .762	33.45	12.75	.762 - 1.27	33.68	19.08	.254 - .508	34.04	6.350	1.57 - 3.00	34.29	6.401	.381 - 3.00	34.54	8.585	.127 - .254
33.32	9.957	.762 - 1.52	33.45	18.90	.127 - .254	33.68	25.96	.127 - .254	34.04	6.604	.127 - .254	34.29	7.976	.127 - .508	34.54	8.738	1.27 - 1.78
33.32	12.83	.254 - .381	33.45	26.70	.254 - .508	33.71	17.27	.762 - 1.27	34.04	6.629	.127 - .254	34.29	11.20	.254 - .508	34.54	15.98	.254 - .508
33.32	12.88	1.07 - 1.57	33.45	28.32	2.00 - 2.54	33.73	3.200	.406 - .635	34.04	7.214	.381 - .762	34.29	11.61	.127 - .254	34.54	16.23	.381 - .762
33.32	14.05	.127 - .254	33.45	30.43	.508 - .889	33.73	10.54	4.00 - 5.00	34.04	7.315	1.02 - 1.52	34.29	12.70	.127 - .508	34.54	16.66	2.54 - 3.00
33.32	14.30	.127 - .254	33.45	31.75	.508 - .813	33.73	25.91	.635 - 1.02	34.04	7.341	.127 - .254	34.29	12.78	.127 - .635	34.54	22.30	1.27 - 1.78
33.32	14.33	.508 - 1.02	33.48	4.572	.127 - .254	33.76	4.445	1.27 - 2.10	34.04	16.00	.508 - 1.02	34.29	12.80	.152 - .508	34.54	23.57	2.00 - 2.70
33.32	14.35	2.30 - 2.80	33.48	18.95	1.27 - 1.91	33.76	20.09	2.70 - 3.00	34.04	16.05	.254 - .508	34.29	12.83	.152 - .381	34.54	25.04	1.52 - 2.00
33.32	14.38	.127 - .254	33.48	25.53	1.02 - 3.00	33.76	22.86	1.27 - 1.91	34.04	17.20	1.07 - 1.83	34.29	12.90	.127 - .254	34.54	25.48	.127 - .254
33.32	15.09	1.91 - 2.30	33.50	9.830	2.30 - 3.00	33.76	25.15	2.70 - 3.00	34.04	19.08	1.14 - 1.52	34.29	14.27	.127 - .254	34.54	26.06	1.27 - 1.91
33.32	15.88	2.54 - 3.00	33.50	18.16	.127 - .254	33.76	25.43	2.00 - 2.54	34.04	19.46	1.07 - 1.57	34.29	14.33	.254 - .508	34.54	29.11	.762 - 1.52
33.32	16.10	1.02 - 1.57	33.50	18.19	.127 - .254	33.76	29.82	1.52 - 1.78	34.04	25.40	2.70 - 3.00	34.29	15.90	.127 - .508	34.57	5.563	1.52 - 2.00
33.32	16.64	.381 - .762	33.50	21.62	1.02 - 1.52	33.76	29.97	.127 - .254	34.04	25.50	1.07 - 1.52	34.29	16.10	.508 - 1.02	34.57	22.23	1.91 - 3.00
33.32	17.45	.635 - .889	33.50	27.18	.381 - .762	33.76	30.23	.762 - 1.27	34.04	26.26	.127 - .254	34.29	16.99	2.30 - 2.80	34.57	22.45	1.91 - 2.54
33.32	17.50	1.27 - 1.52	33.50	27.31	1.27 - 1.78	33.78	8.331	.127 - .254	34.04	28.04	1.78 - 2.00	34.29	17.15	.127 - .254	34.57	22.61	1.27 - 1.91
33.32	17.86	2.54 - 3.00	33.50	28.04	.762 - 1.02	33.78	9.931	4.00 - 5.00	34.04	28.40	1.27 - 2.10	34.29	17.78	.762 - 1.52	34.57	26.21	.127 - .254
33.32	18.29	1.27 - 1.78	33.50	28.70	.127 - .254	33.78	18.90	.762 - 1.52	34.04	29.03	.127 - .508	34.29	19.05	.127 - .762	34.59	5.842	.127 - .254
33.32	19.00	1.27 - 1.57	33.53	4.648	.127 - .254	33.78	21.62	1.02 - 1.52	34.06	12.17	.127 - .254	34.29	19.08	.127 - .254	34.59	11.15	.381 - .762
33.32	19.18	2.70 - 3.00	33.53	5.334	.127 - .254	33.78	23.11	.635 - 1.02	34.06	13.64	2.70 - 3.00	34.29	19.30	.127 - 1.02	34.59	16.28	1.57 - 2.30
33.32	19.43	2.30 - 3.00	33.53	8.077	2.70 - 3.00	33.78	27.94	.762 - 1.27	34.06	22.12	.254 - .508	34.29	19.74	.635 - 1.02	34.59	16.66	2.54 - 3.00
33.32	19.46	1.27 - 1.91	33.53	12.09	.254 - .508	33.81	16.13	1.78 - 2.30	34.06	22.68	1.02 - 1.52	34.29	19.79	1.02 - 1.52	34.59	19.05	.254 - 1.52
33.32	19.84	.508 - 3.00	33.53	12.57	1.57 - 3.00	33.81	19.71	1.27 - 1.78	34.09	9.652	3.00 - 4.00	34.29	20.80	1.27 - 1.78	34.59	19.35	2.54 - 3.00
33.32	19.86	1.52 - 2.10	33.53	18.16	.127 - .254	33.81	23.11	.127 - .254	34.09	11.61	2.54 - 3.00	34.29	22.99	1.27 - 1.78	34.59	25.45	.127 - .635
33.32	21.41	.127 - .254	33.53	19.13	.127 - .254	33.81	28.65	.254 - .508	34.09	22.25	3.00 - 4.00	34.29	23.11	.381 - .762	34.59	30.56	.127 - .254
33.32	22.30	1.52 - 2.00	33.53	19.25	2.00 - 2.60	33.83	19.56	3.00 - 4.00	34.09	23.42	1.02 - 1.52	34.29	24.82	.914 - 1.22	34.59	32.05	.381 - .762
33.32	22.61	2.30 - 3.00	33.53	19.33	.381 - 1.52	33.86	10.08	1.02 - 1.52	34.09	25.78	.127 - .254	34.29	24.84	.254 - .508	34.62	23.90	1.52 - 2.00
33.32	22.66	.508 - 1.02	33.53	19.43	.127 - .254	33.86	24.13	.127 - .254	34.11	16.00	.635 - 1.02	34.29	25.40	1.27 - 1.78	34.62	25.50	.381 - .762
33.32	23.01	1.57 -															

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
34.65	32.54	.127 - .254	34.80	13.67	.203 - .406	34.87	14.43	4.00 - 5.00	34.93	6.858	.127 - .254	34.93	30.35	.127 - .635	35.00	26.95	.305 - .508
34.65	32.56	.127 - .305	34.80	14.43	.127 - .254	34.87	14.48	.152 - .381	34.93	7.137	2.54 - 3.00	34.93	30.48	.508 - .813	35.00	27.31	.762 - 1.27
34.67	7.137	2.30 - 2.80	34.80	17.40	1.91 - 3.00	34.87	14.61	1.27 - 1.91	34.93	7.874	1.57 - 2.00	34.93	30.51	.635 - 1.02	35.00	30.12	1.52 - 2.00
34.67	8.992	1.52 - 2.00	34.80	17.68	.381 - .762	34.87	15.88	.508 - 5.00	34.93	7.925	1.27 - 2.10	34.93	31.78	.254 - .508	35.00	30.51	.127 - .254
34.67	9.550	2.54 - 3.00	34.80	17.73	1.27 - 1.91	34.87	15.93	.254 - .508	34.93	8.026	1.27 - 2.54	34.93	31.83	.127 - .762	35.03	5.156	.508 - 1.02
34.67	11.05	1.27 - 2.10	34.80	19.08	2.00 - 2.54	34.87	16.23	1.02 - 1.27	34.93	8.077	2.54 - 3.00	34.93	32.13	.127 - .254	35.03	11.51	.254 - 1.02
34.67	14.27	.762 - 1.27	34.80	20.14	.508 - .762	34.87	16.28	3.00 - 4.00	34.93	8.153	1.52 - 2.00	34.95	6.553	.127 - .254	35.03	12.95	1.78 - 2.00
34.67	14.83	.762 - 1.52	34.80	20.17	.127 - .254	34.87	18.72	.254 - .508	34.93	8.331	.635 - 1.78	34.95	6.782	3.00 - 5.00	35.03	14.33	.127 - .254
34.67	14.86	.635 - 1.07	34.80	22.50	1.78 - 2.30	34.87	19.02	.127 - .254	34.93	8.712	2.54 - 3.00	34.95	9.728	1.27 - .381	35.03	15.21	.381 - .762
34.67	15.11	.762 - 1.27	34.80	22.61	2.54 - 3.00	34.87	19.05	.127 - .254	34.93	9.017	1.78 - 2.54	34.95	10.31	1.27 - 1.91	35.03	20.62	.127 - .254
34.67	20.52	1.02 - 1.52	34.80	22.86	.127 - .178	34.87	19.43	.254 - .508	34.93	9.474	2.54 - 3.00	34.95	12.78	2.30 - 3.00	35.03	21.21	.127 - .254
34.67	23.88	.762 - 1.27	34.80	23.88	2.00 - 2.54	34.87	19.94	.127 - .254	34.93	9.525	1.57 - 3.00	34.95	13.03	.127 - .254	35.03	27.15	2.30 - 3.00
34.67	28.73	.127 - .254	34.80	24.08	1.57 - 2.00	34.87	22.61	.762 - 1.27	34.93	9.703	1.27 - 1.91	34.95	13.46	4.00 - 5.00	35.03	27.31	.381 - .635
34.67	29.21	1.27 - 1.91	34.80	24.13	.127 - .381	34.87	23.01	.127 - .508	34.93	10.03	1.57 - 2.00	34.95	13.56	.254 - .508	35.03	27.66	.762 - 1.27
34.67	29.46	.508 - .762	34.80	24.38	.813 - 1.27	34.87	23.16	1.02 - 2.30	34.93	10.67	1.22 - 1.57	34.95	15.75	.127 - .254	35.05	6.452	1.02 - 1.52
34.67	30.15	.635 - 1.02	34.80	25.40	1.07 - 1.57	34.87	25.30	.127 - .254	34.93	10.72	1.52 - 1.78	34.95	16.51	2.54 - 3.00	35.05	7.163	1.57 - 5.00
34.67	30.28	.127 - .508	34.80	26.82	1.27 - .381	34.87	25.40	.203 - 1.52	34.93	11.15	4.00 - 5.00	34.95	16.69	.127 - .254	35.05	7.620	.127 - .203
34.67	30.33	.508 - 1.02	34.80	27.05	.127 - .381	34.87	27.81	1.07 - 1.57	34.93	11.18	1.91 - 2.30	34.95	19.30	1.52 - 4.00	35.05	8.788	3.00 - 3.00
34.67	32.05	.508 - .762	34.80	28.60	.127 - .254	34.87	28.60	.508 - 1.02	34.93	11.28	1.27 - 1.78	34.95	19.33	2.30 - 2.70	35.05	10.11	.127 - .254
34.70	4.851	2.70 - 3.00	34.80	28.63	1.02 - 1.52	34.87	30.66	.635 - 1.02	34.93	11.48	4.00 - 5.00	34.95	19.43	2.30 - 2.70	35.05	10.29	2.54 - 3.00
34.70	13.77	.635 - 1.27	34.80	28.70	.254 - .508	34.87	30.71	.762 - 1.52	34.93	12.70	2.54 - 3.00	34.95	19.81	2.80 - 3.00	35.05	15.14	2.54 - 3.00
34.70	19.30	.508 - .762	34.80	28.85	.508 - .762	34.87	30.94	1.02 - 1.52	34.93	12.75	.127 - 1.52	34.95	20.70	1.52 - 2.00	35.05	19.10	.508 - .762
34.70	19.33	.127 - .254	34.80	29.54	1.02 - 1.52	34.87	31.39	.254 - .508	34.93	12.83	.762 - 1.27	34.95	21.51	.127 - .254	35.05	22.35	.508 - 1.02
34.70	19.38	.127 - .254	34.80	30.45	.127 - .254	34.87	31.88	.127 - .508	34.93	13.08	1.52 - 2.00	34.95	22.94	.635 - 1.02	35.05	22.89	.127 - .254
34.70	22.43	2.00 - 2.54	34.80	31.88	.254 - .381	34.90	3.937	.127 - .254	34.93	13.36	1.78 - 2.30	34.95	23.01	.762 - 1.52	35.05	22.91	2.00 - 2.54
34.70	22.66	.127 - .508	34.82	3.759	.127 - .254	34.90	4.826	1.52 - 2.00	34.93	13.46	.127 - 1.91	34.95	24.99	.762 - 1.27	35.05	25.50	.127 - .254
34.70	25.32	.635 - 1.02	34.82	5.944	2.30 - 3.00	34.90	6.223	1.27 - 1.78	34.93	14.12	.127 - 1.52	34.95	25.48	.254 - .508	35.05	25.63	2.70 - 3.00
34.70	26.11	1.78 - 2.30	34.82	7.137	.127 - .254	34.90	6.375	4.00 - 5.00	34.93	14.22	.127 - .254	34.95	25.81	1.27 - 1.78	35.05	25.93	1.27 - 1.91
34.70	26.16	1.27 - 1.91	34.82	13.34	.508 - .762	34.90	6.426	2.10 - 2.60	34.93	14.33	.254 - .508	34.95	25.96	.127 - .254	35.05	29.97	.127 - .254
34.70	27.18	.762 - 2.70	34.82	15.93	1.27 - 1.91	34.90	8.077	1.27 - 1.52	34.93	14.99	2.70 - 3.00	34.95	28.83	2.00 - 2.70	35.05	30.12	2.00 - 2.54
34.70	28.78	1.27 - 1.78	34.82	16.28	2.70 - 3.00	34.90	8.661	2.30 - 2.80	34.93	15.72	.508 - 1.02	34.95	29.39	.254 - .508	35.05	31.83	.127 - .254
34.70	28.96	.508 - .762	34.82	16.54	.762 - 1.27	34.90	9.601	1.27 - 1.78	34.93	16.00	.127 - .178	34.95	31.12	.635 - 1.02	35.08	14.25	2.00 - 2.54
34.70	29.06	.127 - .254	34.82	17.73	1.02 - 1.57	34.90	9.881	1.52 - 1.78	34.93	16.10	.127 - .254	34.95	31.67	.127 - .254	35.08	17.50	1.27 - 1.78
34.70	29.29	.254 - 5.00	34.82	19.28	2.54 - 3.00	34.90	13.16	3.00 - 5.00	34.93	16.28	4.00 - 5.00	34.98	6.833	1.02 - 1.52	35.08	30.48	.635 - 1.02
34.72	19.25	1.78 - 2.30	34.82	19.30	.127 - .254	34.90	14.27	.381 - .635	34.93	16.36	.127 - .254	34.98	8.077	2.54 - 3.00	35.10	13.77	.254 - .762
34.72	19.30	2.80 - 3.00	34.82	20.83	.203 - 1.02	34.90	14.30	.127 - .254	34.93	16.66	1.02 - 1.57	34.98	8.534	1.91 - 2.30	35.10	13.79	1.02 - 1.78
34.72	19.38	2.80 - 3.00	34.82	22.50	.127 - .635	34.90	14.43	.127 - .254	34.93	17.78	3.00 - 3.00	34.98	8.788	2.54 - 3.00	35.10	16.08	.508 - .762
34.72	22.45	2.00 - 2.60	34.82	25.40	3.00 - 3.00	34.90	14.61	2.30 - 2.80	34.93	18.01	1.27 - 1.78	34.98	9.550	2.70 - 3.00	35.10	27.76	.127 - .254
34.72	22.48	1.02 - 1.52	34.82	27.25	.127 - .254	34.90	14.66	.508 - 1.07	34.93	18.26	.254 - .508	34.98	9.576	2.00 - 2.70	35.10	28.88	1.52 - 2.00
34.72	23.14	.254 - .508	34.82	28.52	.508 - 1.02	34.90	16.28	1.27 - 1.78	34.93	19.05	.508 - 1.27	34.98	9.728	.127 - .254	35.10	28.91	.127 - .254
34.72	25.65	1.02 - 1.52	34.82	28.91	1.78 - 2.30	34.90	17.78	4.00 - 5.00	34.93	19.08	1.27 - 1.52	34.98	9.754	.762 - 1.27	35.10	30.28	.508 - 1.02
34.72	26.16	1.52 - 2.00	34.82	29.92	1.78 - 2.30	34.90	17.81	.127 - .254	34.93	19.13	2.54 - 3.00	34.98	12.83	.127 - .508	35.13	15.98	2.30 - 3.00
34.72	27.10	1.02 - 1.52	34.82	30.48	.254 - .508	34.90	18.03	.127 - .254	34.93	19.15	1.52 - 2.00	34.98	13.08	1.27 - 1.91	35.13	25.40	.762 - 1.27
34.72	28.24	.635 - 1.02	34.82	30.78	.127 - .381	34.90	18.21	.127 - .254	34.93	19.23	2.30 - 2.80	34.98	13.13	1.52 - 2.00	35.15	7.976	2.30 - 2.80
34.72	29.29	.508 - .762	34.85	35.81	1.78 - 2.30	34.90	19.05	2.54 - 3.00	34.93	19.25	1.22 - 1.57	34.98	13.49	2.54 - 3.00	35.15	13.79	.508 - .762
34.72	29.97	.127 - .381	34.85	4.851	1.78 - 2.30	34.90	19.20	.508 - .762	34.93	19.56	.127 - .254	34.98	19.15	1.52 - 2.00	35.15	19.25	.127 - .254
34.75	12.65	.127 - .254	34.85	9.601	.762 - 1.27	34.90	19.35	1.78 - 2.30	34.93	19.86	4.00 - 5.00	34.98	19.20	1.27 - 1.91	35.15	29.74	.305 - .635
34.75	12.95	1.91 - 2.30	34.85	14.33	2.00 - 3.00	34.90	19.56	1.02 - 1.52	34.93	20.40	2.30 - 2.54	34.98	21.84	.127 - .254	35.15	33.48	.127 - .254
34.75	15.14	.762 - 1.27	34.85	16.18	.508 - .813	34.90	20.32	.254 - .508	34.93	20.62	.127 - 3.00	34.98	22.73	.813 - 1.22	35.18	14.68	.787 - 1.07
34.75	16.13	.127 - .254	34.85	17.53	.254 - .762	34.90	20.50	2.30 - 2.54	34.93	20.93	.127 - .508	34.98	24.97	1.52 - 2.00	35.18	20.22	.127 - .254
34.75	20.12	1.02 - 1.52	34.85	18.54	2.70 - 5.00	34.90	20.96	1.02 - 1.52	34.93	21.01	2.70 - 3.00	34.98	25.02	.127 - .254	35.18	23.37	.381 - .508
34.75	22.20	1.27 - 1.78	34.85	19.05	.508 - .813	34.90	21.06	.254 - .508	34.93	21.06	1.22 - 1.91	34.98	25.32	.762 - 1.27	35.18	25.65	.762 - 1.52
34.75	23.32	2.54 - 3.00	34.85	20.62	.508 - .813	34.90	22.35	.635 - 1.02	34.93	21.84	.152 - 2.54	34.98	25.43	.635 - 2.30	35.18	25.78	1.91 - 2.30
34.75	24.89	1.27 - 1.78	34.85	22.63	1.78 - 2.30	34.90	22.38	2.80 - 3.00	34.93	22.23							

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
35.41	18.39	1.78 - 2.30	35.71	25.65	1.52 - 1.78	35.99	13.18	2.00 - 2.60	36.27	25.76	1.52 - 2.00	36.50	10.08	.508 - 1.02	36.63	13.74	.127 - .254
35.43	3.353	.635 - .889	35.71	27.71	.635 - 1.02	35.99	13.92	1.27 - 1.78	36.27	27.08	.381 - .813	36.50	10.67	2.00 - 2.60	36.63	22.38	2.00 - 2.70
35.43	10.67	2.70 - 3.00	35.71	31.72	.508 - .762	35.99	14.73	1.91 - 2.30	36.27	31.72	.127 - .254	36.50	12.52	4.00 - 5.00	36.63	25.45	.152 - .305
35.43	13.97	1.27 - 2.10	35.74	7.366	.635 - 1.02	35.99	16.05	.127 - .254	36.30	10.62	.127 - .254	36.50	12.70	.813 - 1.22	36.63	28.70	.762 - 1.02
35.43	29.39	1.02 - 1.52	35.74	9.906	.127 - .762	35.99	20.96	1.27 - 1.78	36.30	19.89	.254 - .508	36.50	12.80	1.57 - 2.00	36.65	15.90	.381 - .762
35.46	14.30	1.52 - 2.00	35.74	15.85	.127 - .254	35.99	23.16	3.00 - 5.00	36.30	27.94	.508 - .762	36.50	14.02	.127 - .381	36.65	22.35	1.78 - 2.30
35.46	15.52	2.70 - 3.00	35.74	16.10	1.52 - 2.30	35.99	24.97	1.52 - 2.00	36.30	28.60	.508 - 1.02	36.50	16.23	.381 - .635	36.65	24.08	1.02 - 1.52
35.46	30.23	.381 - .635	35.74	17.91	.127 - .254	35.99	25.32	1.27 - 1.78	36.30	30.33	1.02 - 1.52	36.50	17.27	2.54 - 3.00	36.65	29.95	1.02 - 1.27
35.46	30.99	.254 - .508	35.74	28.24	.381 - .762	35.99	25.55	.762 - 1.02	36.32	9.550	.381 - .762	36.50	19.33	2.70 - 3.00	36.68	3.454	.127 - .254
35.48	9.677	2.90 - 3.00	35.74	28.58	.127 - .254	35.99	26.19	1.27 - 1.52	36.32	13.18	.127 - .254	36.50	19.41	.508 - .762	36.68	25.55	.762 - 1.27
35.48	10.64	1.52 - 3.00	35.74	30.18	.508 - .762	35.99	27.18	.508 - 1.02	36.32	16.26	2.54 - 3.00	36.50	19.43	1.27 - 1.91	36.68	26.80	.127 - .254
35.48	13.84	.127 - .254	35.76	22.91	.813 - 1.27	36.02	5.182	1.02 - 1.52	36.32	17.73	.127 - .254	36.50	19.46	.381 - .635	36.70	3.353	1.02 - 1.57
35.48	17.91	1.52 - 2.30	35.76	25.50	.127 - .254	36.02	8.179	.254 - .508	36.32	18.19	.254 - .508	36.50	20.12	2.54 - 3.00	36.70	7.925	.254 - .508
35.48	18.03	1.27 - 1.91	35.76	31.90	1.02 - 1.52	36.02	9.525	1.78 - 2.30	36.32	19.02	.254 - .508	36.50	20.19	.508 - 1.02	36.70	8.179	1.52 - 2.30
35.48	20.70	.127 - .508	35.76	32.64	.762 - 1.27	36.02	12.01	.127 - .254	36.32	19.18	.381 - .762	36.50	21.59	1.91 - 2.30	36.70	8.890	.813 - 1.52
35.48	24.92	.381 - .762	35.76	33.83	.127 - .254	36.02	12.04	.254 - .508	36.32	21.01	.254 - .508	36.50	22.17	4.00 - 5.00	36.70	17.53	2.30 - 3.00
35.48	27.13	.127 - .762	35.79	12.75	.127 - .254	36.02	12.12	.127 - .254	36.32	27.00	1.52 - 1.78	36.50	22.33	1.78 - 2.30	36.70	23.72	1.27 - 1.52
35.51	12.83	.127 - .381	35.79	12.78	.127 - .254	36.02	12.14	2.54 - 3.00	36.32	27.05	.127 - .254	36.50	22.50	1.27 - 1.91	36.70	26.52	1.14 - 1.52
35.51	18.21	.127 - .254	35.79	19.46	.381 - 1.78	36.02	20.50	2.00 - 2.60	36.32	28.65	1.27 - 1.91	36.50	22.73	1.02 - 1.52	36.73	4.547	.127 - .254
35.51	22.15	.635 - 1.02	35.79	30.15	.127 - .254	36.02	24.00	.762 - 1.27	36.32	28.68	1.27 - 1.78	36.50	24.13	1.27 - 1.78	36.73	6.096	2.30 - 3.00
35.51	23.01	.762 - 1.27	35.79	30.20	1.27 - 1.52	36.02	24.97	3.00 - 3.00	36.32	29.16	1.91 - 2.30	36.50	25.40	.762 - 1.02	36.73	6.426	2.70 - 3.00
35.51	29.46	.254 - .508	35.79	33.86	.127 - .254	36.02	30.00	2.54 - 3.00	36.32	30.12	.127 - .254	36.50	25.43	4.00 - 5.00	36.73	6.452	2.54 - 3.00
35.51	29.49	.762 - 1.27	35.81	6.731	1.52 - 2.00	36.02	30.18	1.78 - 2.30	36.35	18.19	.127 - .254	36.50	25.60	1.91 - 2.60	36.73	8.001	2.54 - 3.00
35.53	9.576	.127 - .508	35.81	12.70	.381 - .762	36.04	11.05	4.00 - 5.00	36.35	28.68	.254 - .508	36.50	26.19	1.27 - 1.78	36.73	8.077	2.70 - 3.00
35.53	13.31	.127 - 1.52	35.81	16.76	.381 - .762	36.04	17.20	2.00 - 2.54	36.35	31.83	1.52 - 2.00	36.50	27.76	.889 - 1.22	36.73	26.97	.127 - .381
35.53	16.61	.254 - .508	35.81	17.53	2.70 - 3.00	36.04	20.24	.127 - .254	36.37	23.77	2.30 - 2.70	36.50	28.02	2.00 - 2.54	36.75	10.31	2.54 - 3.00
35.53	18.26	.254 - 1.52	35.81	21.72	.762 - 1.27	36.04	20.32	.127 - .254	36.37	25.27	2.54 - 3.00	36.50	28.52	.127 - .762	36.75	15.14	.127 - .254
35.53	22.61	.635 - 1.02	35.81	22.78	1.52 - 2.30	36.04	25.48	.127 - .254	36.37	26.54	.762 - 1.27	36.50	28.75	.762 - 1.27	36.75	21.26	2.54 - 3.00
35.53	23.01	1.27 - 1.78	35.81	26.16	.508 - 1.02	36.04	27.18	2.30 - 3.00	36.37	27.79	1.27 - 1.52	36.50	29.77	.127 - .254	36.75	27.03	2.00 - 2.54
35.53	29.46	.762 - 1.27	35.81	28.19	.762 - 1.27	36.07	7.239	2.80 - 3.00	36.37	28.93	1.02 - 1.52	36.50	30.10	.381 - 1.78	36.75	28.85	2.70 - 3.00
35.53	30.56	.127 - .254	35.81	29.03	.254 - .508	36.07	9.652	.762 - 1.27	36.37	29.46	1.27 - 1.57	36.50	30.51	1.52 - 2.00	36.75	30.56	.813 - 1.52
35.56	3.556	.508 - 1.02	35.81	29.13	2.00 - 2.54	36.07	12.88	.305 - .508	36.40	8.026	.127 - .254	36.50	31.75	.127 - .254	36.78	3.175	.762 - 1.27
35.56	6.833	1.27 - 1.78	35.81	30.15	.127 - .254	36.07	15.52	1.91 - 2.30	36.40	12.95	.203 - .762	36.50	32.54	.635 - 1.02	36.78	9.906	1.02 - 1.27
35.56	9.627	2.00 - 2.54	35.81	30.20	.127 - .203	36.07	17.53	1.27 - 1.78	36.40	14.30	.127 - .254	36.53	6.553	2.70 - 3.00	36.78	11.20	.254 - .508
35.56	12.70	1.02 - 1.52	35.81	30.53	.127 - .254	36.07	19.10	2.00 - 2.54	36.40	19.30	1.02 - 1.52	36.53	7.137	3.00 - 3.00	36.78	14.61	1.27 - 1.78
35.56	12.78	.127 - .381	35.84	21.23	.127 - .254	36.07	21.67	1.27 - 1.52	36.40	26.67	1.02 - 1.52	36.53	8.763	1.02 - 1.52	36.78	16.00	.127 - .254
35.56	12.83	2.00 - 2.54	35.84	32.13	.254 - .635	36.07	27.94	.127 - .254	36.40	27.81	.508 - .762	36.53	9.576	.254 - .762	36.78	26.19	1.91 - 2.30
35.56	13.94	.508 - 1.02	35.86	5.105	1.02 - 1.52	36.07	28.88	1.27 - 1.78	36.40	34.29	.254 - .508	36.53	14.27	.127 - .254	36.78	26.72	.762 - 1.27
35.56	14.33	.254 - .508	35.86	21.23	2.70 - 3.00	36.07	30.45	2.00 - 2.54	36.42	9.169	.127 - .254	36.53	16.99	.508 - .762	36.78	26.75	1.02 - 1.52
35.56	15.93	.381 - .762	35.86	27.18	1.02 - 1.52	36.07	32.26	.254 - .508	36.42	19.08	2.54 - 3.00	36.53	17.32	1.52 - 2.00	36.78	26.85	.127 - .254
35.56	17.68	.508 - .813	35.86	30.30	.762 - 1.27	36.07	32.28	.813 - 1.27	36.42	22.17	3.00 - 3.00	36.53	19.08	2.54 - 3.00	36.78	28.60	2.30 - 2.70
35.56	19.15	.381 - .762	35.86	31.65	.127 - .254	36.07	32.51	.762 - 1.27	36.42	23.77	2.30 - 3.00	36.53	19.43	.127 - .254	36.78	30.23	2.00 - 2.54
35.56	19.18	.127 - .254	35.89	16.10	2.54 - 3.00	36.09	12.57	2.00 - 2.54	36.42	28.58	.381 - .762	36.53	20.60	3.00 - 4.00	36.80	13.26	2.70 - 3.00
35.56	19.20	1.27 - 1.78	35.89	25.27	.127 - .254	36.09	13.16	2.30 - 3.00	36.42	33.40	.254 - .508	36.53	22.38	2.00 - 2.54	36.80	15.98	.254 - .508
35.56	22.33	.127 - .254	35.89	28.40	.127 - .254	36.09	30.12	2.54 - 3.00	36.45	5.258	2.54 - 3.00	36.53	23.83	1.02 - 1.52	36.80	25.15	.254 - .508
35.56	22.48	.127 - .508	35.92	11.02	4.00 - 5.00	36.09	30.23	.254 - .508	36.45	6.858	.127 - .254	36.53	25.35	.127 - .254	36.80	26.11	1.14 - 1.52
35.56	22.53	.254 - .508	35.92	14.30	4.00 - 5.00	36.12	10.36	.127 - .508	36.45	8.026	.381 - .762	36.53	26.39	.762 - 1.27	36.80	26.85	1.02 - 1.52
35.56	25.40	.254 - 2.70	35.92	15.11	2.30 - 2.80	36.12	17.70	1.65 - 2.00	36.45	9.576	.127 - .254	36.53	27.05	.914 - 1.27	36.80	30.43	.127 - .254
35.56	25.83	2.30 - 2.70	35.92	20.17	.127 - .254	36.12	22.35	1.52 - 2.30	36.45	9.627	.508 - 1.02	36.53	27.94	1.27 - 1.78	36.80	33.58	.254 - .508
35.56	27.33	.635 - 1.07	35.94	8.103	.127 - .254	36.12	24.00	2.30 - 2.70	36.45	12.70	.127 - .254	36.53	29.21	.127 - .254	36.83	3.988	.508 - .889
35.56	29.41	.127 - .254	35.94	8.128	.127 - .508	36.12	26.87	1.07 - 1.52	36.45	14.30	.254 - .508	36.53	29.74	.635 - 1.02	36.83	5.105	.635 - 1.02
35.56	30.48	2.00 - 2.30	35.94	9.703	1.02 - 1.57	36.14	3.988	2.00 - 2.60	36.45	19.05	.508 - .762	36.53	30.23	.381 - .762	36.83	5.283	1.27 - 1.91
35.56	31.95	.508 - .762	35.94	10.06	.127 - .508	36.14	21.95	.508 - 1.02	36.45	22.23	.127 - .254	36.55	2.921	.508 - 1.02	36.83	6.655	.508 - .762
35.56	32.00	.762 - 1.07	35.94	10.11	.127 - .254	36.14	22.35	.254 - .508	36.45	27.48	1.78 - 2.30	36.55	11.				

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	O.D.	I.D.	Choose Any Thickness* From To	O.D.	I.D.	Choose Any Thickness* From To						
36.93	27.99	.127 - .254	37.34	27.79	.381 - .762	37.72	13.97	2.54 - 3.00	37.92	31.22	.127 - .254	38.00	32.00	.127 - 1.91	38.05	28.70	2.54 - 3.00	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.93	32.56	1.27 - 1.78	37.34	28.22	1.02 - 1.27	37.72	16.51	2.54 - 3.00	37.92	31.55	.127 - .254	38.00	32.26	.127 - .254	38.05	28.70	2.54 - 3.00	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.96	12.07	3.00 - 3.00	37.34	29.21	.635 - 1.07	37.72	16.76	2.70 - 3.00	37.92	32.33	1.52 - 1.78	38.00	33.30	.254 - .508	38.05	28.70	2.54 - 3.00	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.96	16.18	1.02 - 1.27	37.34	31.14	1.02 - 1.52	37.72	17.12	1.27 - 1.78	37.92	32.99	.127 - .254	38.02	3.683	.508 - 1.02	38.05	28.70	2.54 - 3.00	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.96	16.21	2.20 - 2.54	37.34	34.93	.127 - .254	37.72	20.17	.127 - .254	37.92	33.38	.127 - .254	38.02	4.953	.635 - 1.07	38.05	28.70	2.54 - 3.00	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.96	19.15	.127 - .254	37.36	17.48	1.57 - 2.00	37.72	21.49	.127 - .508	37.95	6.883	.381 - .762	38.02	9.525	1.27 - 2.10	38.05	28.70	2.54 - 3.00	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.96	27.05	1.02 - 1.52	37.36	19.25	2.30 - 3.00	37.72	22.89	3.00 - 4.00	37.95	8.382	.127 - .508	38.02	9.576	2.70 - 3.00	38.05	35.00	.127 - .254	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.96	27.97	1.02 - 1.27	37.36	19.28	2.54 - 3.00	37.72	23.34	.762 - 1.02	37.95	12.04	.127 - .254	38.02	9.627	1.07 - 1.57	38.05	28.70	2.54 - 3.00	38.05	29.69	.635 - 1.02	38.05	29.92	.254 - .508	38.05	32.21	1.02 - 1.52	38.05	33.15	.762 - 1.27
36.98	8.001	.508 - .762	37.36	20.57	1.27 - 1.78	37.72	24.64	.813 - 1.07	37.95	12.12	.127 - .254	38.02	9.804	1.57 - 2.00	38.07	2.489	1.27 - 1.91	38.07	2.489	1.27 - 1.91	38.07	2.489	1.27 - 1.91	38.07	2.489	1.27 - 1.91	38.07	2.489	1.27 - 1.91
36.98	20.98	2.70 - 3.00	37.36	20.85	1.45 - 2.20	37.72	28.14	1.27 - 1.78	37.95	16.18	.127 - .254	38.02	10.69	4.00 - 5.00	38.07	3.226	2.00 - 2.30	38.07	3.226	2.00 - 2.30	38.07	3.226	2.00 - 2.30	38.07	3.226	2.00 - 2.30	38.07	3.226	2.00 - 2.30
36.98	27.08	.762 - 1.27	37.36	22.28	2.54 - 3.00	37.72	31.06	.381 - .762	37.95	16.51	.178 - .508	38.02	12.12	.127 - .254	38.07	4.242	.127 - .254	38.07	2.489	1.27 - 1.91	38.07	2.489	1.27 - 1.91	38.07	2.489	1.27 - 1.91	38.07	2.489	1.27 - 1.91
37.01	12.83	.127 - .508	37.36	23.83	1.70 - 3.00	37.72	31.75	.127 - .305	37.95	19.30	1.52 - 2.00	38.02	13.08	2.54 - 3.00	38.07	4.750	.508 - 1.02	38.07	4.750	.508 - 1.02	38.07	4.750	.508 - 1.02	38.07	4.750	.508 - 1.02	38.07	4.750	.508 - 1.02
37.01	17.15	1.27 - 1.78	37.36	33.81	.127 - 1.02	37.72	34.47	.381 - .635	37.95	21.77	2.00 - 2.60	38.02	14.20	2.54 - 3.00	38.07	5.004	3.00 - 4.00	38.07	5.004	3.00 - 4.00	38.07	5.004	3.00 - 4.00	38.07	5.004	3.00 - 4.00	38.07	5.004	3.00 - 4.00
37.01	25.96	.127 - .254	37.39	11.13	.381 - .762	37.74	16.51	2.54 - 3.00	37.95	23.80	.762 - 1.27	38.02	15.54	.508 - .762	38.07	5.410	.127 - .254	38.07	5.410	.127 - .254	38.07	5.410	.127 - .254	38.07	5.410	.127 - .254	38.07	5.410	.127 - .254
37.01	30.48	.381 - .635	37.39	12.73	.127 - .254	37.74	20.40	.127 - .254	37.95	26.01	.762 - 1.27	38.02	15.75	.254 - 1.52	38.07	6.807	1.78 - 2.30	38.07	6.807	1.78 - 2.30	38.07	6.807	1.78 - 2.30	38.07	6.807	1.78 - 2.30	38.07	6.807	1.78 - 2.30
37.01	32.89	.508 - .762	37.39	19.35	2.54 - .508	37.74	21.08	1.02 - 1.57	37.95	26.85	2.00 - 2.60	38.02	16.05	.254 - .508	38.07	7.137	2.54 - 3.00	38.07	7.137	2.54 - 3.00	38.07	7.137	2.54 - 3.00	38.07	7.137	2.54 - 3.00	38.07	7.137	2.54 - 3.00
37.03	17.02	2.54 - 3.00	37.39	19.43	2.00 - 2.54	37.74	22.68	.127 - .254	37.95	26.92	1.63 - 1.98	38.02	16.64	1.91 - 2.54	38.07	7.696	1.02 - 1.52	38.07	7.696	1.02 - 1.52	38.07	7.696	1.02 - 1.52	38.07	7.696	1.02 - 1.52	38.07	7.696	1.02 - 1.52
37.03	22.17	.762 - 1.27	37.39	21.06	.254 - .508	37.74	23.01	.127 - .254	37.95	27.31	1.27 - 1.52	38.02	18.36	1.52 - 2.10	38.07	7.976	.254 - .508	38.07	7.976	.254 - .508	38.07	7.976	.254 - .508	38.07	7.976	.254 - .508	38.07	7.976	.254 - .508
37.03	24.99	.127 - .254	37.39	25.43	1.78 - 2.30	37.74	27.69	1.27 - 1.91	37.95	27.74	1.02 - 1.52	38.02	19.13	.635 - 1.02	38.07	9.500	.762 - 1.27	38.07	9.500	.762 - 1.27	38.07	9.500	.762 - 1.27	38.07	9.500	.762 - 1.27	38.07	9.500	.762 - 1.27
37.03	28.55	1.07 - 1.57	37.39	31.24	2.30 - 3.00	37.74	31.22	1.78 - 2.30	37.95	29.85	.381 - .635	38.02	19.18	.635 - 1.07	38.07	9.779	3.00 - 4.00	38.07	9.779	3.00 - 4.00	38.07	9.779	3.00 - 4.00	38.07	9.779	3.00 - 4.00	38.07	9.779	3.00 - 4.00
37.06	16.00	.127 - .254	37.41	3.302	1.07 - 1.57	37.74	33.78	.127 - .381	37.95	30.51	.889 - 1.27	38.02	19.23	.254 - .762	38.07	10.13	.127 - .254	38.07	10.13	.127 - .254	38.07	10.13	.127 - .254	38.07	10.13	.127 - .254	38.07	10.13	.127 - .254
37.06	21.36	1.02 - 1.27	37.41	15.47	.254 - .762	37.77	24.10	2.00 - 2.60	37.95	32.13	.127 - .254	38.02	19.38	.127 - .381	38.07	10.67	.127 - .254	38.07	10.67	.127 - .254	38.07	10.67	.127 - .254	38.07	10.67	.127 - .254	38.07	10.67	.127 - .254
37.06	24.16	.762 - 1.27	37.44	8.077	.254 - .508	37.77	28.65	.127 - .254	37.95	32.26	.254 - .381	38.02	19.61	.762 - 1.22	38.07	12.04	.127 - .254	38.07	12.04	.127 - .254	38.07	12.04	.127 - .254	38.07	12.04	.127 - .254	38.07	12.04	.127 - .254
37.06	30.20	.381 - .762	37.44	25.65	1.02 - 1.52	37.77	31.32	.381 - .762	37.95	33.15	.127 - .254	38.02	20.57	.127 - .254	38.07	12.32	1.27 - 1.91	38.07	12.32	1.27 - 1.91	38.07	12.32	1.27 - 1.91	38.07	12.32	1.27 - 1.91	38.07	12.32	1.27 - 1.91
37.08	4.572	.889 - 1.27	37.44	29.97	.127 - .254	37.77	34.75	.508 - .762	37.95	33.99	.254 - .508	38.02	22.63	.127 - .254	38.07	12.78	.127 - .508	38.07	12.78	.127 - .508	38.07	12.78	.127 - .508	38.07	12.78	.127 - .508	38.07	12.78	.127 - .508
37.08	12.70	.635 - 1.02	37.44	34.47	.127 - .254	37.80	9.906	.508 - .762	37.95	34.09	.203 - .381	38.02	23.01	2.54 - 3.00	38.07	12.80	.127 - .508	38.07	12.80	.127 - .508	38.07	12.80	.127 - .508	38.07	12.80	.127 - .508	38.07	12.80	.127 - .508
37.08	14.45	1.27 - 1.78	37.44	34.49	.381 - .635	37.80	13.97	2.54 - 3.00	37.95	35.92	.381 - .635	38.02	26.92	2.54 - 3.00	38.07	13.54	.127 - .254	38.07	13.54	.127 - .254	38.07	13.54	.127 - .254	38.07	13.54	.127 - .254	38.07	13.54	.127 - .254
37.08	16.94	1.27 - 1.78	37.47	12.70	2.80 - 3.00	37.80	20.42	1.27 - 1.78	37.95	36.20	.635 - 1.02	38.02	28.42	1.02 - 1.52	38.07	14.25	.127 - .254	38.07	14.25	.127 - .254	38.07	14.25	.127 - .254	38.07	14.25	.127 - .254	38.07	14.25	.127 - .254
37.08	19.33	.254 - .508	37.47	12.80	.152 - .381	37.80	22.35	.127 - .254	37.97	6.680	.127 - .254	38.02	28.60	3.00 - 4.00	38.07	14.27	.381 - .635	38.07	14.27	.381 - .635	38.07	14.27	.381 - .635	38.07	14.27	.381 - .635	38.07	14.27	.381 - .635
37.08	24.13	1.02 - 1.52	37.47	13.36	2.00 - 2.54	37.80	26.49	.127 - .254	37.97	7.468	.508 - 813	38.02	28.88	.127 - .254	38.07	14.30	.254 - .508	38.07	14.30	.254 - .508	38.07	14.30	.254 - .508	38.07	14.30	.254 - .508	38.07	14.30	.254 - .508
37.08	30.20	.889 - 1.27	37.47	15.90	.127 - .508	37.80	30.91	.254 - .508	37.97	7.493	2.54 - 3.00	38.02	29.21	2.30 - 2.80	38.07	14.58	1.27 - 1.52	38.07	14.58	1.27 - 1.52	38.07	14.58	1.27 - 1.52	38.07	14.58	1.27 - 1.52	38.07	14.58	1.27 - 1.52
37.08	35.41	.508 - .635	37.47	19.08	.127 - .254	37.80	33.35	.762 - 1.07	37.97	8.992	2.70 - 3.00	38.02	29.31	.635 - 1.02	38.07	15.21	.762 - 1.27	38.07	15.21	.762 - 1.27	38.07	15.21	.762 - 1.27	38.07	15.21	.762 - 1.27	38.07	15.21	.762 - 1.27
37.11	4.572	1.78 - 2.00	37.47	21.03	1.57 - 2.30	37.80	33.78	.762 - 1.07	37.97	9.525	.762 - 1.27	38.02	31.55	.762 - 1.27	38.07	15.90	.127 - .254	38.07	15.90	.127 - .254	38.07	15.90	.127 - .254	38.07	15.90	.127 - .254	38.07	15.90	.127 - .254
37.11	22.23	.762 - 1.27	37.47	29.69	1.02 - 1.52	37.80																							

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
38.10	6.579	1.52 - 2.10	38.10	17.78	1.78 - 2.30	38.10	29.39	.635 - 1.07	38.15	28.58	.127 - .254	38.74	33.43	1.78 - 2.30	39.09	30.63	.381 - .762
38.10	6.731	2.54 - 3.00	38.10	17.81	1.27 - 1.78	38.10	29.74	1.78 - 2.30	38.15	29.21	2.30 - 3.00	38.74	33.91	1.02 - 1.52	39.09	30.99	.381 - .762
38.10	6.756	.381 - .635	38.10	17.86	.127 - .254	38.10	29.85	.762 - 1.27	38.15	35.05	.127 - .254	38.76	32.51	1.02 - 1.52	39.09	34.52	.762 - 1.27
38.10	6.782	.127 - .254	38.10	18.11	.127 - .254	38.10	30.12	2.70 - 3.00	38.18	12.93	.127 - .254	38.76	33.27	.635 - 1.07	39.12	13.00	2.70 - 3.00
38.10	6.833	.762 - 1.22	38.10	18.16	.127 - .508	38.10	30.15	.381 - 3.00	38.18	17.81	1.27 - 1.78	38.76	34.16	.127 - .254	39.12	14.30	.127 - .254
38.10	6.985	2.00 - 2.30	38.10	18.42	1.78 - 2.30	38.10	30.23	.127 - .254	38.18	21.46	.635 - 1.02	38.79	36.02	.508 - .762	39.12	23.11	.381 - .762
38.10	7.137	4.00 - 5.00	38.10	19.02	.254 - .635	38.10	30.25	2.70 - 3.00	38.18	25.60	.127 - .254	38.81	4.750	.635 - 1.02	39.12	27.99	.635 - 1.02
38.10	7.163	.203 - .381	38.10	19.13	.254 - 3.00	38.10	30.45	.127 - 1.02	38.18	25.81	.381 - .762	38.81	4.953	1.27 - 2.54	39.12	30.48	.508 - .762
38.10	7.188	.127 - .254	38.10	19.15	1.02 - 1.52	38.10	30.48	2.30 - 2.70	38.18	25.91	1.27 - 1.91	38.81	6.350	.254 - .762	39.12	32.77	1.27 - 1.78
38.10	7.696	.127 - .254	38.10	19.33	2.54 - 3.00	38.10	30.53	.787 - 1.22	38.20	17.45	.254 - .508	38.81	18.49	.127 - .254	39.14	8.077	.508 - .762
38.10	7.899	2.60 - 3.00	38.10	19.43	.508 - 2.00	38.10	30.58	.889 - 1.22	38.20	19.91	1.07 - 1.57	38.81	25.63	1.27 - 1.78	39.14	25.60	.635 - 1.78
38.10	7.925	4.00 - 5.00	38.10	19.51	.508 - .762	38.10	30.78	.381 - .762	38.20	20.04	.127 - .254	38.81	32.41	.254 - .508	39.14	31.75	1.27 - 1.78
38.10	7.950	1.57 - 2.00	38.10	19.84	.381 - 2.80	38.10	30.86	.127 - .254	38.20	20.60	2.54 - 3.00	38.81	32.64	.508 - 1.02	39.17	21.16	.508 - .762
38.10	8.001	.203 - 2.80	38.10	19.86	1.27 - 1.91	38.10	31.72	.127 - .254	38.20	26.31	3.00 - 3.00	38.84	11.84	.127 - .254	39.17	25.35	.127 - .254
38.10	8.255	1.22 - 1.91	38.10	19.89	4.00 - 5.00	38.10	31.78	.635 - 1.02	38.20	31.24	1.57 - 2.30	38.84	20.09	.762 - 1.27	39.17	30.30	.127 - .254
38.10	8.306	.127 - .254	38.10	19.94	.762 - 1.02	38.10	31.80	2.70 - 3.00	38.20	32.69	1.02 - 1.52	38.84	24.99	2.00 - 2.70	39.19	10.95	1.91 - 2.70
38.10	8.382	3.00 - 3.00	38.10	19.96	.127 - .254	38.10	32.11	.508 - .762	38.20	35.00	.254 - .508	38.84	26.72	2.00 - 2.54	39.19	30.48	.508 - .762
38.10	8.636	.127 - .254	38.10	20.02	2.70 - 3.00	38.10	32.13	.127 - .254	38.23	10.36	.381 - .762	38.84	28.37	2.54 - 2.80	39.19	31.88	1.27 - 1.91
38.10	8.763	1.27 - 1.78	38.10	20.12	.127 - 1.02	38.10	32.16	.254 - .508	38.23	11.18	4.00 - 5.00	38.84	31.98	.508 - 1.02	39.19	31.93	.635 - 1.02
38.10	8.788	2.70 - 3.00	38.10	20.42	.127 - .305	38.10	32.36	.254 - .508	38.23	21.46	.635 - .889	38.84	34.54	.508 - 1.02	39.19	32.03	.762 - 1.27
38.10	8.865	.127 - .254	38.10	20.47	2.00 - 2.60	38.10	32.39	.203 - .457	38.23	25.48	.381 - .762	38.84	35.97	.508 - .762	39.22	29.69	.762 - 1.27
38.10	9.246	.127 - .254	38.10	20.57	.635 - 1.02	38.10	32.44	2.30 - 3.00	38.23	28.17	1.02 - 1.52	38.84	36.91	.127 - .254	39.22	30.02	.635 - 1.02
38.10	9.449	1.02 - 1.52	38.10	20.62	1.27 - 2.54	38.10	32.56	.203 - .406	38.23	33.27	.381 - .635	38.86	6.375	.381 - .762	39.22	30.25	.127 - .254
38.10	9.525	1.52 - 5.00	38.10	20.65	1.27 - 2.54	38.10	32.97	.254 - .635	38.25	31.72	1.27 - 1.91	38.86	7.163	1.52 - 2.00	39.22	37.62	.254 - .508
38.10	9.550	.381 - .635	38.10	20.75	.127 - 3.00	38.10	33.02	1.27 - 1.91	38.28	33.63	.127 - .254	38.86	7.925	.762 - 1.27	39.24	6.706	.762 - 1.27
38.10	9.576	.127 - .254	38.10	20.75	3.00 - 3.00	38.10	33.05	1.27 - 1.78	38.30	8.001	2.70 - 3.00	38.86	13.61	.127 - .254	39.24	11.10	.508 - 1.02
38.10	9.627	.762 - 1.27	38.10	20.83	.508 - 1.02	38.10	33.83	.635 - 1.02	38.30	23.11	2.00 - 2.70	38.86	13.92	.127 - .254	39.24	26.92	.127 - .254
38.10	9.754	.254 - .635	38.10	21.08	.381 - 3.00	38.10	34.49	1.27 - 1.78	38.33	7.645	2.30 - 3.00	38.86	21.13	.508 - .762	39.24	29.36	.508 - .762
38.10	9.779	.127 - .254	38.10	21.36	1.02 - 1.27	38.10	34.95	.381 - 1.52	38.33	19.84	2.30 - 2.70	38.86	26.19	1.91 - 2.30	39.24	30.25	.127 - .254
38.10	9.931	1.27 - 1.78	38.10	21.67	2.00 - 2.60	38.10	35.28	.762 - 1.27	38.35	12.95	1.52 - 2.00	38.86	30.53	.254 - .762	39.24	37.01	.635 - .889
38.10	9.957	.254 - .508	38.10	22.12	.254 - .508	38.13	31.75	1.91 - 2.30	38.35	22.86	.762 - 1.27	38.86	32.51	1.27 - 1.52	39.27	30.02	.635 - 1.02
38.10	10.03	1.27 - 2.10	38.10	22.17	4.00 - 5.00	38.13	4.826	.127 - .254	38.35	31.39	.127 - .254	38.89	8.458	.127 - .254	39.27	30.07	.635 - 1.02
38.10	10.08	.762 - 1.27	38.10	22.20	.508 - 1.02	38.13	5.080	2.54 - 3.00	38.35	31.95	.127 - .254	38.89	9.906	2.54 - 3.00	39.29	25.58	1.02 - 1.63
38.10	10.11	.127 - .381	38.10	22.25	2.54 - 3.00	38.13	7.112	1.52 - 2.30	38.35	33.32	1.52 - 1.78	38.89	13.11	1.52 - 2.00	39.32	11.20	.254 - .508
38.10	10.31	.127 - 3.00	38.10	22.28	2.54 - 3.00	38.13	8.534	2.70 - 3.00	38.38	5.410	2.30 - 2.54	38.89	15.88	.127 - .254	39.32	24.16	2.30 - 2.80
38.10	10.31	3.00 - 5.00	38.10	22.35	.254 - .508	38.13	9.449	1.27 - 1.78	38.38	20.90	4.00 - 5.00	38.89	17.50	1.52 - 2.00	39.32	25.53	.254 - .508
38.10	10.49	1.91 - 2.30	38.10	22.40	2.80 - 3.00	38.13	9.703	.127 - .305	38.38	25.78	.127 - .254	38.89	19.71	.635 - 1.02	39.32	26.37	.787 - 1.22
38.10	11.10	1.02 - 3.00	38.10	22.43	1.02 - 3.00	38.13	9.779	2.30 - 3.00	38.38	28.24	1.27 - 1.91	38.89	20.52	.762 - 1.27	39.32	27.94	1.02 - 1.27
38.10	11.18	.127 - 2.00	38.10	22.50	4.00 - 5.00	38.13	11.10	.127 - .254	38.38	28.27	1.02 - 1.52	38.89	25.40	.508 - .813	39.34	9.169	1.27 - 1.78
38.10	11.20	.254 - .508	38.10	22.66	2.70 - 3.00	38.13	12.90	.762 - 1.27	38.38	34.32	.127 - .254	38.89	25.78	.635 - 1.07	39.34	12.78	.381 - .762
38.10	11.23	.127 - .254	38.10	22.68	1.57 - 2.30	38.13	13.06	.127 - .254	38.46	28.60	1.57 - 2.00	38.89	31.06	.254 - .508	39.34	12.83	.127 - .508
38.10	11.25	.508 - .813	38.10	23.06	.66 - 1.22	38.13	15.90	.254 - .508	38.48	14.81	3.00 - 3.00	38.91	2.489	.762 - 1.27	39.34	19.15	1.02 - 1.57
38.10	11.43	2.54 - 3.00	38.10	23.11	4.00 - 4.00	38.13	18.16	.127 - .254	38.48	19.43	1.27 - 1.78	38.91	19.43	.127 - .254	39.34	25.48	1.27 - 1.78
38.10	11.46	.127 - .254	38.10	23.72	1.02 - 1.52	38.13	19.18	.254 - .508	38.48	22.66	1.14 - 1.52	38.91	26.59	.381 - .635	39.34	25.53	1.02 - 1.52
38.10	11.53	2.54 - 3.00	38.10	23.75	.762 - 1.02	38.13	19.63	2.54 - 3.00	38.48	34.54	1.02 - 1.52	38.91	33.17	1.78 - 2.30	39.34	25.58	.127 - .254
38.10	12.17	4.00 - 5.00	38.10	23.80	1.27 - 1.91	38.13	20.75	2.54 - 3.00	38.48	34.93	.508 - 1.02	38.94	25.48	1.02 - 1.52	39.34	31.14	.762 - 1.27
38.10	12.62	2.70 - 3.00	38.10	23.83	2.40 - 2.80	38.13	20.83	1.02 - 1.52	38.48	35.00	.254 - .508	38.94	35.03	1.27 - 1.52	39.37	6.223	1.07 - 1.91
38.10	12.70	.127 - 1.52	38.10	23.93	2.70 - 3.00	38.13	21.34	.254 - .508	38.51	7.442	1.27 - 1.91	38.96	8.255	2.00 - 2.60	39.37	9.347	.508 - .889
38.10	12.83	.127 - 1.27	38.10	24.64	2.00 - 2.54	38.13	22.25	1.02 - 1.52	38.51	23.24	1.27 - 1.78	38.96	12.83	.127 - .508	39.37	11.13	.127 - .762
38.10	12.85	.127 - 3.00	38.10	25.22	.635 - 1.02	38.13	23.09	1.27 - 1.78	38.51	30.33	.127 - .254	38.96	26.06	2.70 - 3.00	39.37	11.18	.127 - .254
38.10	13.00	1.52 - 4.00	38.10	25.30	1.27 - 1.78	38.13	25.60	2.00 - 2.54	38.51	30.45	.127 - .254	38.96	26.57	.381 - .762	39.37	12.70	1.27 - 1.78
38.10	13.03	2.54 - 3.00	38.10	25.43	.127 - .381	38.13	25.63	.127 - .254	38.56	30.35	1.27 - 1.78	38.96	27.86	.508 - 1.02	39.37	12.75	.127 - .254
38.10	13.08	2.54 - 3.00	38.10	25.45	1.02 - 2.30	38.13	25.65	.127 - .254	38.56	35.69	.127 - .254	38.96	35.48	.508 - .889	39.37	12.83	.254 - .508
38.10	13.18	2.00 - 2.60	38.10	25.48	.127 - 3.00	38.13	28.47	.508 - .762	38.58	15.82	.127 - .254	38.99	8.17				

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				
39.50	26.92	.813 - 1.52	39.67	14.30	4.00 - 5.00	39.80	32.00	.127 - .254	<h1>40 mm</h1>				40.36	12.83	.635 - 1.02	40.64	36.45	.254 - .508			
39.50	27.94	2.30 - 3.00	39.67	14.33	.127 - .508	39.80	33.30	.381 - .762					40.39	12.45	2.30 - 3.00	40.64	36.55	.127 - .254	40.64	36.55	.127 - .254
39.50	28.24	2.00 - 2.70	39.67	18.95	1.91 - 2.70	39.80	34.19	.381 - .762					40.39	15.09	2.54 - 3.00	40.67	16.03	.127 - .254	40.67	16.03	.127 - .254
39.50	28.78	2.30 - 2.70	39.67	19.05	.254 - 2.54	39.80	35.05	1.02 - 1.57					40.39	32.99	.508 - .889	40.67	36.47	.127 - .254	40.67	36.47	.127 - .254
39.50	30.38	.381 - .762	39.67	19.35	.127 - .254	39.83	1.524	1.02 - 1.27	40.39	34.16	.254 - 1.52	40.67	37.08	.127 - .254	40.67	37.08	.127 - .254				
39.50	31.75	1.52 - 2.00	39.67	19.43	2.30 - 3.00	39.83	17.15	.127 - .254	40.01	9.017	2.54 - 3.00	40.39	34.59	1.52 - 2.00	40.69	16.00	2.54 - 3.00				
39.52	4.166	1.27 - 1.57	39.67	19.84	2.10 - 2.70	39.83	17.58	1.52 - 2.00	40.01	9.982	3.00 - 3.00	40.44	10.34	1.22 - 1.57	40.69	24.71	2.54 - 3.00				
39.52	12.98	2.00 - 2.70	39.67	19.86	2.00 - 2.60	39.83	28.19	1.27 - 1.78	40.01	12.01	.127 - .254	40.44	29.74	1.02 - 1.52	40.69	36.37	.127 - .254				
39.52	30.28	1.27 - 1.78	39.67	20.62	1.57 - 2.00	39.83	34.21	.127 - .254	40.01	12.12	.127 - .254	40.44	31.04	.254 - .508	40.69	37.90	.127 - .254				
39.52	32.00	.381 - .762	39.67	21.95	3.00 - 4.00	39.83	36.07	.127 - .254	40.01	12.75	.508 - .762	40.46	13.08	.254 - .508	40.72	8.661	2.54 - 3.00				
39.52	32.05	.508 - 1.02	39.67	22.20	.508 - 1.02	39.85	9.169	1.02 - 1.52	40.01	12.78	.127 - .254	40.46	22.86	1.52 - 2.00	40.72	20.32	1.91 - 2.30				
39.52	35.69	.254 - .508	39.67	22.23	.381 - .762	39.85	12.80	1.78 - 2.30	40.01	12.80	2.54 - 3.00	40.46	26.26	.254 - .508	40.72	25.70	.635 - 1.02				
39.52	36.50	813 - 1.27	39.67	22.96	1.02 - 1.27	39.85	14.96	.127 - .762	40.01	14.33	.254 - .508	40.46	29.74	2.54 - 3.00	40.72	38.10	.508 - .762				
39.55	10.06	.127 - .381	39.67	23.01	1.02 - 1.27	39.85	19.20	2.70 - 3.00	40.01	15.01	1.27 - 1.52	40.46	29.77	1.27 - 1.91	40.74	17.12	2.90 - 3.00				
39.55	10.34	1.52 - 2.00	39.67	23.50	.762 - 1.52	39.85	20.50	2.30 - 2.70	40.01	16.00	.127 - .254	40.46	30.33	1.57 - 2.00	40.74	25.58	.127 - .254				
39.55	19.56	2.80 - 3.00	39.67	23.67	1.27 - 1.91	39.85	22.45	2.70 - 3.00	40.01	16.33	1.78 - 2.30	40.46	33.58	1.52 - 2.00	40.77	9.601	.762 - 1.27				
39.55	25.45	1.91 - 2.30	39.67	23.80	2.54 - 3.00	39.85	26.16	.635 - 1.02	40.01	18.01	.381 - .762	40.49	16.69	.762 - 1.52	40.77	9.906	.127 - .254				
39.55	26.37	1.02 - 1.52	39.67	23.83	.381 - .635	39.85	28.96	1.78 - 2.30	40.01	20.04	.635 - 1.02	40.49	20.68	.381 - .635	40.77	25.63	2.70 - 3.00				
39.55	33.38	2.70 - 3.00	39.67	23.85	.762 - 1.27	39.85	30.15	1.02 - 1.52	40.01	20.17	.127 - .254	40.49	32.46	2.00 - 2.54	40.77	28.80	.254 - .762				
39.55	34.42	.635 - 1.02	39.67	25.30	1.57 - 2.30	39.85	32.64	.254 - .508	40.01	21.01	1.02 - 1.52	40.49	33.10	.254 - .508	40.77	34.24	.762 - 1.27				
39.55	34.49	.127 - .254	39.67	25.32	.508 - .762	39.85	33.53	.381 - .762	40.01	22.33	.127 - .254	40.49	35.97	.127 - .381	40.79	11.81	2.70 - 3.00				
39.57	6.502	1.91 - 2.54	39.67	25.43	3.00 - 3.00	39.85	33.81	1.02 - 1.52	40.01	24.21	2.30 - 2.54	40.49	36.86	.762 - 1.27	40.79	13.11	2.70 - 3.00				
39.57	9.525	1.91 - 2.30	39.67	25.45	3.00 - 3.00	39.88	4.267	.203 - .305	40.01	25.02	2.54 - 4.00	40.49	38.20	.381 - .762	40.79	25.40	2.70 - 3.00				
39.57	9.601	1.52 - 2.00	39.67	25.60	1.02 - 1.52	39.88	6.502	2.00 - 2.54	40.01	26.04	.762 - 1.27	40.54	22.35	.254 - .508	40.82	14.27	3.00 - 4.00				
39.57	10.41	2.30 - 2.70	39.67	26.21	2.10 - 2.70	39.88	8.788	.254 - .508	40.01	29.92	4.00 - 5.00	40.56	5.080	1.27 - 1.78	40.82	16.00	2.30 - 3.00				
39.57	19.02	.508 - 1.02	39.67	27.00	.381 - .635	39.88	13.36	2.00 - 2.54	40.01	30.48	1.02 - 1.27	40.56	19.18	.254 - .508	40.82	25.96	.762 - 1.52				
39.57	19.56	2.70 - 3.00	39.67	28.65	.762 - 1.22	39.88	18.29	.127 - .254	40.01	30.99	.127 - .381	40.56	22.38	2.30 - 3.00	40.82	32.28	.635 - 1.02				
39.57	25.50	.635 - 1.02	39.67	29.34	.381 - .813	39.88	20.65	.762 - 1.27	40.01	31.50	.762 - 1.27	40.59	5.055	2.00 - 2.30	40.82	33.83	.254 - .508				
39.57	36.40	.127 - .254	39.67	30.15	.127 - .254	39.88	22.10	.127 - .254	40.01	33.99	.127 - .254	40.59	8.128	2.00 - 2.30	40.84	20.60	.762 - 1.27				
39.60	19.71	.127 - .254	39.67	30.18	.508 - 1.02	39.88	23.01	2.54 - 3.00	40.01	35.28	1.78 - 2.30	40.59	12.83	.127 - .254	40.84	28.70	2.54 - 3.00				
39.60	22.23	2.80 - 3.00	39.67	30.56	.635 - 1.22	39.88	25.48	.889 - 1.52	40.01	37.44	.127 - .254	40.59	13.11	1.27 - 1.78	40.84	36.68	.381 - .762				
39.60	27.20	.127 - .254	39.67	33.35	.127 - .254	39.88	26.19	2.00 - 2.70	40.03	10.52	4.00 - 5.00	40.59	15.88	.762 - 1.27	40.87	20.57	.635 - 1.02				
39.60	32.72	.254 - .508	39.67	33.53	1.52 - 2.00	39.88	26.21	2.54 - 3.00	40.03	12.12	.254 - .508	40.59	16.00	.254 - .508	40.87	21.46	.305 - .508				
39.60	33.40	.152 - 1.02	39.67	33.60	2.70 - 3.00	39.88	30.23	.813 - 1.07	40.03	16.00	.127 - .254	40.59	18.29	.127 - .254	40.87	25.78	.406 - .635				
39.60	36.55	.127 - .508	39.67	34.19	.762 - 1.27	39.88	30.25	3.00 - 4.00	40.03	17.02	.381 - .762	40.59	25.40	2.00 - 3.00	40.87	32.00	1.27 - 1.91				
39.62	6.147	.381 - .762	39.67	34.21	1.02 - 1.52	39.88	30.99	1.27 - 1.78	40.03	27.74	1.27 - 1.78	40.59	32.23	1.27 - 1.78	40.87	32.39	2.54 - 3.00				
39.62	9.677	3.00 - 4.00	39.67	34.24	1.57 - 1.91	39.88	31.75	.127 - .254	40.03	31.62	.635 - 1.02	40.61	9.601	.127 - .508	40.87	35.56	.508 - .813				
39.62	9.931	2.00 - 2.70	39.67	34.39	.127 - .254	39.88	31.98	.762 - 1.02	40.06	16.05	1.02 - 1.52	40.61	12.42	2.30 - 2.80	40.87	37.29	1.22 - 1.57				
39.62	9.957	2.00 - 2.70	39.67	34.90	.635 - 1.02	39.90	9.627	2.00 - 2.54	40.06	19.58	.762 - 1.52	40.61	12.78	.127 - .254	40.89	28.19	.381 - 1.02				
39.62	11.56	2.54 - 3.00	39.67	34.93	.508 - 1.02	39.90	22.10	2.54 - 3.00	40.06	25.25	.381 - .762	40.61	12.80	.254 - .508	40.89	29.16	2.30 - 2.70				
39.62	12.90	2.54 - 3.00	39.67	34.95	.127 - .254	39.90	25.86	2.54 - 3.00	40.06	27.23	2.30 - 2.80	40.61	12.83	.127 - .254	40.89	30.48	.508 - .762				
39.62	14.30	.381 - .762	39.70	11.15	.127 - .254	39.90	26.37	.127 - .381	40.06	34.06	1.78 - 2.30	40.61	15.90	.381 - .635	40.89	31.98	.127 - .254				
39.62	15.72	.127 - .254	39.70	16.21	.127 - .254	39.90	29.11	1.78 - 2.30	40.08	19.58	.635 - 1.02	40.61	16.00	.127 - .254	40.89	32.39	2.54 - 3.00				
39.62	19.61	.127 - .254	39.70	17.53	.813 - 1.52	39.93	12.09	.127 - .254	40.08	27.00	.762 - 1.27	40.61	36.50	.254 - .508	40.89	35.66	1.78 - 2.30				
39.62	21.31	1.27 - 1.78	39.70	19.35	.127 - .254	39.93	14.45	1.27 - 1.52	40.08	32.82	.508 - .762	40.64	4.318	1.27 - 1.57	40.89	36.12	.508 - .889				
39.62	21.46	.635 - 1.22	39.70	22.30	.635 - 1.02	39.93	15.88	1.27 - 1.78	40.08	32.97	.254 - .381	40.64	7.137	1.27 - 1.91	40.92	28.83	.127 - .254				
39.62	27.00	3.00 - 4.00	39.70	22.66	1.91 - 2.54	39.93	19.15	.127 - .254	40.11	14.48	.127 - .254	40.64	7.874	.762 - 1.27	40.92	35.81	.254 - .508				
39.62	27.94	.127 - .254	39.70	25.37	2.70 - 3.00	39.93	19.33	.508 - 1.02	40.11	31.29	.254 - .508	40.64	9.576	.127 - .381	40.94	28.83	.127 - .508				
39.62	28.96	.127 - .254	39.70	25.53	2.80 - 3.00	39.93	31.85	.762 - 1.27	40.11	35.00	.762 - 1.02	40.64	9.601	.127 - .381	40.94	33.43	.762 - 1.27				
39.62	30.66	.254 - .508	39.70	26.97	.127 - .254	39.93	31.88	.635 - 1.02	40.13	20.19	.508 - 1.02	40.64	10.54	1.91 - 2.54	40.94	38.07	.127 - .254				
39.62	32.03	1.78 - 2.00	39.70	28.73	1.27 - 1.78	39.93	31.95	.178 - .406	40.13	27.46	.254 - .508										

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
41.07	20.45	1.02 - 1.52	41.25	17.55	1.27 - 1.91	41.28	25.81	.508 - .914	41.40	30.48	3.00 - 4.00	41.91	3.353	.254 - .508	42.14	19.15	.635 - 1.02
41.07	26.92	1.27 - 1.78	41.25	17.65	.381 - .762	41.28	26.21	2.54 - 3.00	41.40	32.36	.127 - .254	41.91	9.576	.762 - 1.27	42.14	38.56	1.27 - 1.57
41.07	31.95	.635 - 1.07	41.25	22.23	1.02 - 1.52	41.28	26.97	3.00 - 3.00	41.40	32.59	.508 - 1.02	41.91	10.77	2.54 - 3.00	42.16	9.525	1.27 - 1.78
41.07	35.31	.762 - 1.27	41.25	23.01	2.54 - 3.00	41.28	28.58	.127 - 3.00	41.40	33.78	1.02 - 1.52	41.91	11.18	.254 - .508	42.16	16.10	.254 - .508
41.10	6.502	2.54 - 3.00	41.25	23.29	.762 - 1.27	41.28	28.58	3.00 - 3.00	41.40	37.82	.762 - 1.02	41.91	11.20	.127 - .254	42.16	22.17	1.78 - 2.30
41.10	16.54	1.02 - 1.52	41.25	25.53	1.02 - 1.52	41.28	28.63	.127 - .254	41.40	38.18	.381 - .762	41.91	12.70	.127 - .254	42.16	24.49	.254 - .508
41.10	17.53	.381 - .762	41.25	25.78	1.27 - 2.54	41.28	28.70	2.30 - 3.00	41.43	25.65	.254 - .508	41.91	12.78	.127 - 1.52	42.16	34.93	2.30 - 3.00
41.10	22.83	.762 - 1.27	41.25	25.93	1.52 - 2.30	41.28	28.80	.813 - 1.07	41.43	35.00	.127 - .254	41.91	14.30	.127 - .508	42.16	35.28	2.30 - 2.70
41.10	24.46	2.80 - 3.00	41.25	26.21	.508 - 1.02	41.28	30.99	1.27 - 1.91	41.43	36.53	.508 - .889	41.91	15.75	.381 - 3.00	42.16	35.31	2.80 - 3.00
41.10	25.65	2.70 - 3.00	41.25	27.51	2.54 - 3.00	41.28	31.75	.381 - .762	41.45	13.03	1.02 - 1.52	41.91	15.90	.508 - .762	42.19	28.98	2.00 - 2.54
41.10	26.29	1.52 - 2.30	41.25	27.94	1.27 - 1.78	41.28	31.88	2.54 - 3.00	41.45	14.35	.127 - .254	41.91	16.10	.508 - 1.02	42.19	30.33	.635 - 1.07
41.10	28.80	.127 - .254	41.25	28.68	1.57 - 2.00	41.28	31.90	.762 - 1.27	41.45	30.53	.762 - 1.27	41.91	17.42	1.57 - 2.00	42.19	34.52	2.70 - 3.00
41.10	29.97	1.52 - 2.00	41.25	28.83	.381 - .762	41.28	32.54	1.02 - 1.52	41.48	12.73	.381 - .762	41.91	17.50	4.00 - 5.00	42.19	35.08	.127 - .254
41.10	35.10	.508 - .762	41.25	28.98	.127 - .254	41.28	32.69	.127 - .254	41.50	30.53	.762 - 1.27	41.91	19.05	4.00 - 5.00	42.21	34.93	1.02 - 1.52
41.12	21.29	1.02 - 1.52	41.25	30.02	.508 - 1.02	41.28	32.92	1.91 - 2.10	41.53	19.99	.508 - .762	41.91	27.79	1.02 - 1.52	42.21	35.81	1.02 - 3.00
41.12	23.80	1.52 - 1.78	41.25	30.15	2.54 - 3.00	41.28	33.10	.635 - 1.07	41.53	25.35	1.27 - 1.91	41.91	30.00	.635 - 1.52	42.24	8.636	.127 - .254
41.12	37.34	.254 - .508	41.25	30.61	1.27 - 1.78	41.28	33.15	.127 - .254	41.53	33.68	.508 - 1.02	41.91	31.75	.127 - .762	42.24	32.97	1.52 - 2.30
41.15	7.544	2.00 - 2.70	41.25	30.94	.508 - .889	41.28	33.73	1.52 - 2.00	41.53	36.37	1.27 - 1.78	41.91	31.80	2.70 - 4.00	42.27	37.36	.381 - .762
41.15	10.36	.127 - .254	41.25	32.00	.127 - .254	41.28	34.01	1.27 - 1.91	41.55	10.44	2.70 - 3.00	41.91	31.83	.508 - .762	42.29	31.90	1.27 - 1.78
41.15	10.62	.127 - .254	41.25	32.21	1.27 - 1.78	41.28	34.93	1.27 - 1.78	41.55	31.75	1.02 - 1.52	41.91	32.05	.127 - .254	42.29	36.50	1.78 - 2.30
41.15	13.46	.127 - .254	41.25	33.76	.127 - .508	41.28	35.10	2.30 - 2.70	41.55	34.98	1.57 - 2.30	41.91	33.55	2.54 - 3.00	42.29	37.36	.254 - .406
41.15	14.86	2.30 - 3.00	41.25	34.47	.254 - .635	41.28	35.46	2.00 - 2.54	41.58	33.38	1.27 - 1.57	41.91	33.73	.127 - .254	42.29	40.16	.127 - .254
41.15	15.04	.305 - .508	41.25	34.95	.127 - .254	41.28	35.51	.127 - .635	41.61	14.07	.254 - .508	41.91	35.53	1.27 - 1.78	42.32	22.73	.127 - .203
41.15	16.36	.127 - .254	41.25	35.00	.127 - .254	41.28	35.71	1.78 - 2.30	41.61	25.91	.762 - 1.27	41.91	35.89	.381 - .635	42.34	35.56	.127 - .254
41.15	16.43	.127 - .254	41.25	35.71	2.30 - 2.80	41.28	36.50	1.52 - 2.00	41.61	32.05	.762 - 1.27	41.94	7.010	.762 - 1.02	42.37	25.65	1.07 - 1.52
41.15	18.11	.127 - .254	41.25	36.63	.254 - .508	41.30	6.375	1.27 - 1.78	41.61	34.93	2.70 - 3.00	41.94	17.53	.127 - .254	42.37	29.06	.127 - .254
41.15	19.28	1.02 - 1.52	41.28	3.175	.508 - 1.02	41.30	12.80	.254 - .508	41.63	18.72	1.52 - 2.00	41.94	20.78	1.02 - 1.52	42.37	32.11	.127 - .254
41.15	22.45	.127 - .254	41.28	3.480	1.02 - 1.52	41.30	12.93	2.70 - 3.00	41.63	33.27	2.00 - 2.54	41.94	31.78	.127 - .254	42.42	16.13	.127 - .254
41.15	23.09	.127 - .254	41.28	4.369	1.02 - 1.52	41.30	13.11	1.27 - 1.52	41.63	34.95	.127 - .254	41.94	33.02	.381 - .635	42.42	25.63	2.54 - 3.00
41.15	23.37	.254 - .508	41.28	5.055	1.27 - 1.91	41.30	14.27	.127 - .254	41.66	16.38	.127 - .254	41.94	35.89	.508 - .762	42.42	26.92	.508 - 1.02
41.15	23.88	2.54 - 3.00	41.28	6.756	.127 - .254	41.30	19.23	.254 - .381	41.66	34.87	.254 - .889	41.96	14.27	.127 - .508	42.42	28.73	1.78 - 2.00
41.15	24.46	3.00 - 3.00	41.28	8.738	1.52 - 2.00	41.30	19.81	.254 - .508	41.66	36.58	.127 - .254	41.96	19.96	1.78 - 2.30	42.42	31.88	.635 - 1.07
41.15	28.45	2.80 - 3.00	41.28	9.195	.127 - .254	41.30	25.58	.635 - 1.02	41.66	36.63	1.27 - 1.78	41.99	12.04	.508 - .762	42.42	33.38	.127 - .254
41.15	28.96	1.78 - 2.40	41.28	9.525	.813 - 2.70	41.30	28.58	1.02 - 1.52	41.68	26.52	.914 - 1.52	41.99	12.07	.127 - .254	42.42	35.05	.762 - 1.27
41.15	29.06	1.27 - 1.78	41.28	10.03	2.70 - 3.00	41.30	30.15	.127 - 1.02	41.71	17.32	2.70 - 3.00	41.99	12.50	2.30 - 3.00	42.42	35.99	.127 - .254
41.15	30.23	1.52 - 2.30	41.28	10.31	1.27 - 1.78	41.30	33.55	1.27 - 1.91	41.71	26.39	.127 - .254	41.99	12.75	.127 - .254	42.42	36.07	.508 - 1.02
41.15	32.03	.381 - .762	41.28	10.46	1.57 - 2.30	41.30	34.98	.635 - 1.02	41.71	33.78	1.27 - 2.00	41.99	16.03	.127 - .254	42.44	23.42	.127 - .254
41.15	33.30	.127 - .254	41.28	10.92	2.54 - 3.00	41.30	35.61	.127 - .254	41.73	17.22	2.00 - 2.60	41.99	16.08	.508 - 1.02	42.44	29.26	.762 - 1.27
41.15	35.13	.127 - .254	41.28	11.81	.381 - .762	41.33	4.394	.254 - .508	41.73	19.18	1.27 - 2.00	41.99	32.33	1.27 - 1.52	42.44	30.48	1.91 - 2.70
41.15	37.34	.508 - .762	41.28	12.07	2.70 - 3.00	41.33	7.976	.381 - .762	41.76	23.14	.635 - 1.02	41.99	32.36	1.27 - 1.78	42.47	22.20	2.70 - 3.00
41.17	8.103	.635 - .914	41.28	12.65	.127 - .254	41.33	9.652	1.02 - 1.52	41.76	23.22	.762 - 1.27	41.99	33.68	1.78 - 2.30	42.47	30.43	.127 - .254
41.17	19.25	1.27 - 1.91	41.28	12.70	.635 - 2.00	41.33	9.779	2.30 - 3.00	41.76	25.15	1.02 - 1.52	41.99	35.97	1.78 - 2.30	42.47	38.48	.127 - .254
41.17	32.13	.127 - .254	41.28	12.80	.127 - .254	41.33	14.10	4.00 - 5.00	41.76	26.39	.381 - .762	41.99	37.62	1.02 - 1.52	42.49	18.14	.127 - .254
41.17	32.39	.508 - 1.02	41.28	12.90	.127 - 1.07	41.33	15.93	1.57 - 2.00	41.76	33.27	1.78 - 2.30	41.99	37.74	.762 - 1.27	42.52	29.21	1.02 - 1.52
41.17	33.45	.635 - 1.07	41.28	13.06	.127 - .254	41.33	17.60	2.70 - 3.00	41.76	33.73	1.91 - 2.30	42.01	12.07	.254 - .508	42.55	6.350	.127 - .254
41.17	37.59	.635 - .889	41.28	13.49	2.54 - 3.00	41.33	20.73	.635 - 1.07	41.76	35.26	2.30 - 2.80	42.01	16.05	.254 - .508	42.55	19.58	1.52 - 1.91
41.20	8.661	1.91 - 2.30	41.28	13.59	.254 - .762	41.33	22.25	.381 - .762	41.76	35.69	1.02 - 1.52	42.01	16.23	2.30 - 2.70	42.55	20.32	1.07 - 1.91
41.20	10.34	.914 - 1.22	41.28	13.72	.254 - 1.52	41.33	25.55	2.70 - 3.00	41.76	37.03	.508 - 1.02	42.01	17.55	.127 - .254	42.55	21.72	.127 - .254
41.20	16.38	2.54 - 3.00	41.28	13.77	2.30 - 3.00	41.33	28.58	2.00 - 2.60	41.76	38.81	.762 - 1.27	42.01	20.83	.127 - .254	42.55	32.64	1.52 - 2.00
41.20	19.48	3.00 - 4.00	41.28	14.30	.635 - 1.07	41.33	28.70	.127 - .254	41.78	15.88	.381 - 1.27	42.01	26.67	2.00 - 2.54	42.60	28.98	.762 - 1.27
41.20	22.71	2.30 - 3.00	41.28	14.33	1.27 - 1.91	41.33	30.00	2.00 - 2.54	41.78	24.28	2.70 - 3.00	42.01	32.13	1.27 - 1.78	42.60	30.43	.127 - .254
41.20	25.20	.635 - 1.02	41.28	14.35	.254 - 3.00	41.33	31.75	.127 - .254	41.78	31.75	4.00 - 4.00	42.01	32.31	.254 - .508	42.60	38.07	.508 - .762
41.20	29.49	1.02 - 1.27	41.28	14.38	2.54 - 3.00	41.33	33.07	.254 - .508	41.78	33.73	1.52 - 2.00	42.01	36.04	.508 - 1.02	42.62	18.21	.508 - .762
41.20	30.18	1.27 - 2.54	41.28	14.50	.381 - .762	41.33	33.53	.635 - 1.02	41.81	31.39	.762 - 1.27	42.01 </					

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
42.70	22.71	1.27 - 1.78	43.08	25.45	1.52 - 2.10	43.59	10.29	2.30 - 3.00	44.02	16.10	.254 - .508	44.32	29.59	.127 - .254	44.40	29.49	1.02 - 1.52
42.70	30.30	.508 - 1.02	43.08	30.48	.508 - 1.02	43.59	18.29	1.27 - 1.91	44.02	31.93	.762 - 1.27	44.32	34.80	.635 - 1.02	44.40	32.11	.381 - .762
42.70	33.02	1.02 - 1.52	43.08	35.48	.127 - .254	43.59	24.21	1.27 - 1.78	44.02	34.47	1.02 - 1.27	44.32	34.93	.127 - .254	44.40	32.84	1.78 - 2.30
42.70	34.85	.127 - .508	43.08	36.88	2.00 - 2.70	43.59	33.32	.508 - 1.02	44.02	38.25	1.27 - 1.91	44.32	36.78	.508 - .762	44.40	32.99	.127 - .254
42.70	35.56	.127 - .254	43.10	11.51	2.54 - 3.00	43.61	10.41	1.91 - 2.30	44.02	40.01	.254 - 1.02	44.32	38.38	.127 - .254	44.40	33.43	1.78 - 2.30
42.72	25.81	1.52 - 2.00	43.10	21.87	2.30 - 3.00	43.61	30.12	.381 - .762	44.04	6.426	2.70 - 3.00	44.32	39.62	.254 - .508	44.40	33.53	1.02 - 1.52
42.75	20.80	.254 - .508	43.10	33.22	2.70 - 3.00	43.61	41.12	.381 - .762	44.04	23.47	.127 - .254	44.32	39.65	.381 - .635	44.40	34.90	2.54 - 3.00
42.75	23.32	.254 - .508	43.10	33.73	.127 - .254	43.64	9.144	1.27 - 1.78	44.04	35.10	1.78 - 2.30	44.35	9.474	1.52 - 2.00	44.40	35.05	.508 - 1.02
42.75	25.55	1.27 - 1.91	43.10	33.99	.254 - .508	43.64	16.00	.381 - .762	44.04	35.53	.127 - .254	44.35	11.25	.127 - .254	44.40	38.07	.381 - .762
42.75	32.97	2.30 - 2.70	43.13	3.327	.381 - .762	43.64	16.66	2.54 - 3.00	44.04	36.86	.127 - .254	44.35	12.62	.635 - 1.02	44.40	38.38	1.57 - 2.10
42.77	30.18	.127 - .254	43.13	11.51	2.54 - 3.00	43.64	17.91	3.00 - 4.00	44.04	39.01	.381 - .762	44.35	15.11	.127 - .254	44.40	41.91	.127 - .254
42.77	35.28	.635 - 1.02	43.13	12.75	.381 - .762	43.64	28.70	1.52 - 2.10	44.07	9.601	.762 - 1.27	44.35	19.84	2.54 - 3.00	44.42	2.540	.635 - 1.02
42.77	36.63	.127 - .254	43.13	15.90	.254 - .508	43.64	30.15	2.54 - 3.00	44.07	22.76	2.00 - 2.70	44.35	23.01	2.54 - 3.00	44.42	5.359	2.70 - 3.00
42.77	38.74	.381 - .762	43.13	18.16	2.30 - 2.70	43.64	35.61	.127 - .254	44.07	31.98	3.00 - 4.00	44.35	25.43	1.02 - 1.57	44.42	6.858	1.91 - 2.30
42.77	39.67	1.02 - 1.27	43.13	19.13	1.52 - 2.30	43.66	12.22	2.30 - 2.80	44.07	32.13	.381 - .762	44.35	26.57	1.91 - 2.30	44.42	7.137	1.27 - 1.91
42.80	8.636	.635 - 1.02	43.13	19.30	2.00 - 2.54	43.66	27.00	.762 - 1.27	44.07	35.53	.127 - .254	44.35	27.08	.127 - .254	44.42	8.509	.127 - .254
42.80	10.80	1.27 - 2.10	43.13	36.80	.127 - .254	43.66	28.78	2.54 - 3.00	44.07	36.53	1.91 - 2.30	44.35	28.78	1.02 - 1.52	44.42	9.525	.127 - .254
42.80	12.57	.813 - 1.52	43.15	15.88	.381 - .762	43.66	32.39	1.78 - 2.30	44.07	38.43	2.40 - 2.70	44.35	28.98	.127 - .254	44.42	9.677	.127 - .254
42.80	19.86	.508 - 1.02	43.15	19.15	.254 - .508	43.66	35.00	1.27 - 1.78	44.07	39.75	.127 - .254	44.35	29.69	1.52 - 2.00	44.42	9.881	4.00 - 5.00
42.80	27.05	.813 - 1.52	43.15	24.10	1.27 - 1.52	43.66	35.56	.508 - .762	44.09	12.07	.127 - .254	44.35	30.23	2.30 - 3.00	44.42	12.75	.381 - .635
42.80	27.18	1.02 - 1.27	43.15	38.18	.381 - .762	43.66	39.50	.127 - .254	44.09	29.18	.762 - 1.52	44.35	31.85	2.54 - 3.00	44.42	13.87	4.00 - 5.00
42.80	30.23	.254 - .508	43.18	3.175	2.54 - 3.00	43.66	40.44	.762 - 1.27	44.09	31.83	1.52 - 2.00	44.35	33.53	.127 - .254	44.42	17.81	1.27 - 1.78
42.80	32.23	1.57 - 2.00	43.18	5.182	2.54 - 3.00	43.69	5.512	1.02 - 1.78	44.12	8.890	.381 - .762	44.35	36.78	1.27 - 1.91	44.42	19.84	1.02 - 1.52
42.80	33.02	1.27 - 1.52	43.18	5.232	2.54 - 3.00	43.69	6.350	1.07 - 1.57	44.12	10.19	.127 - .254	44.35	38.99	1.52 - 2.00	44.42	19.89	.127 - .254
42.80	34.54	.508 - .762	43.18	9.246	2.54 - 3.00	43.69	6.528	1.78 - 2.00	44.12	38.13	1.02 - 1.52	44.37	7.163	.635 - 1.02	44.42	20.17	1.78 - 2.30
42.80	39.80	.813 - 1.27	43.18	12.83	.254 - .508	43.69	6.731	1.32 - 2.10	44.12	38.15	.127 - .254	44.37	7.264	.127 - .254	44.42	22.71	.127 - .254
42.82	8.052	.508 - 1.02	43.18	14.71	2.30 - 2.54	43.69	12.78	.127 - .254	44.15	19.58	.381 - .635	44.37	7.976	2.54 - 3.00	44.42	23.37	.127 - .381
42.82	8.763	1.27 - 1.78	43.18	25.15	.762 - 1.02	43.69	16.64	.635 - 1.02	44.15	22.40	2.30 - 2.70	44.37	8.458	2.30 - 2.80	44.42	23.80	.508 - 1.02
42.82	8.890	.127 - .254	43.18	25.40	1.52 - 2.10	43.69	18.24	.127 - .254	44.15	25.17	.254 - .508	44.37	12.75	.813 - 1.22	44.42	25.40	.635 - 1.02
42.82	27.18	.127 - .305	43.18	30.23	.508 - 2.00	43.69	25.40	1.52 - 2.10	44.15	31.72	.127 - .254	44.37	13.08	.127 - .254	44.42	25.43	1.27 - 1.78
42.82	32.26	.381 - .762	43.18	30.28	2.54 - 3.00	43.69	31.12	.203 - .381	44.15	31.93	.127 - .508	44.37	13.49	.381 - .762	44.42	25.53	3.00 - 3.00
42.82	35.13	4.06 - .635	43.18	31.06	1.27 - 1.91	43.69	35.56	.381 - .762	44.15	32.00	1.78 - 2.30	44.37	13.79	2.54 - 3.00	44.42	25.78	.381 - .762
42.82	39.62	.127 - .254	43.18	31.75	.127 - .305	43.69	37.19	.254 - .508	44.15	39.32	.127 - .381	44.37	14.35	1.27 - 1.91	44.42	25.91	2.70 - 3.00
42.85	6.477	2.00 - 2.60	43.18	34.04	.127 - .254	43.71	33.17	1.27 - 1.91	44.17	28.30	.762 - 1.27	44.37	15.75	1.27 - 1.91	44.42	26.19	2.70 - 3.00
42.85	9.525	.762 - 1.27	43.18	35.18	1.02 - 1.52	43.71	35.76	.127 - .254	44.17	33.07	.508 - 1.02	44.37	15.90	.813 - 1.52	44.42	26.37	.254 - .508
42.85	10.31	2.70 - 3.00	43.18	35.28	.127 - .254	43.71	38.46	.508 - .762	44.17	36.73	1.02 - 1.52	44.37	17.81	3.00 - 3.00	44.42	27.28	2.30 - 2.70
42.85	12.29	1.52 - 2.00	43.18	36.86	.127 - .254	43.74	10.59	.127 - .254	44.20	9.195	1.27 - 1.78	44.37	20.70	.254 - .508	44.42	27.43	1.27 - 1.52
42.85	14.27	.127 - .508	43.18	38.20	.762 - 1.27	43.74	19.10	1.14 - 1.52	44.20	12.73	.635 - 1.02	44.37	22.48	2.54 - 3.00	44.42	28.55	2.54 - 3.00
42.85	16.10	.762 - 1.27	43.18	38.48	.305 - .508	43.74	38.48	1.52 - 2.00	44.20	12.78	1.78 - 2.30	44.37	22.66	1.91 - 2.70	44.42	28.58	.254 - .508
42.85	19.20	.762 - 1.27	43.18	39.17	.254 - .508	43.76	6.731	1.27 - 2.10	44.20	19.43	.813 - 1.52	44.37	23.01	3.00 - 4.00	44.42	28.96	.762 - 1.27
42.85	22.68	.127 - .254	43.21	32.16	.381 - .762	43.76	8.992	1.52 - 2.00	44.20	22.30	2.54 - 3.00	44.37	23.06	.254 - .508	44.42	29.34	2.00 - 2.54
42.85	31.14	.762 - 1.27	43.21	35.18	.762 - 1.27	43.76	17.42	2.80 - 3.00	44.20	30.45	.635 - 1.02	44.37	23.32	1.78 - 2.30	44.42	30.15	.406 - .635
42.85	33.32	.762 - 1.02	43.21	36.83	1.02 - 1.52	43.76	35.94	.508 - 1.02	44.20	31.39	2.70 - 3.00	44.37	25.55	2.80 - 3.00	44.42	31.75	3.00 - 3.00
42.85	38.61	1.52 - 1.78	43.23	5.283	1.02 - 1.52	43.76	38.43	1.78 - 2.30	44.20	32.00	.254 - 1.52	44.37	26.16	.508 - 1.02	44.42	31.78	.762 - 1.02
42.88	16.13	.381 - .762	43.23	20.83	2.00 - 2.54	43.79	9.525	1.02 - 1.52	44.20	32.03	.152 - .305	44.37	31.83	.127 - .254	44.42	31.88	1.02 - 1.52
42.88	17.42	2.54 - 3.00	43.23	25.40	.254 - .508	43.79	30.35	1.52 - 2.00	44.20	33.35	1.57 - 2.40	44.37	31.88	.127 - .635	44.42	31.90	.127 - .254
42.88	27.69	1.78 - 2.30	43.23	28.45	1.27 - 1.78	43.82	34.29	1.02 - 1.57	44.20	38.86	.127 - .254	44.37	33.25	1.27 - 1.91	44.42	32.84	4.00 - 5.00
42.88	27.86	.762 - 1.27	43.26	2.896	.127 - .381	43.82	35.81	.127 - .254	44.22	25.65	.635 - 1.02	44.37	33.40	1.52 - 1.78	44.42	37.95	.127 - .254
42.88	32.05	1.27 - 1.91	43.26	33.53	1.27 - 1.91	43.84	28.80	1.27 - 1.78	44.22	31.47	.762 - 1.27	44.37	34.04	.127 - .254	44.42	38.07	.127 - .254
42.88	36.37	.762 - 1.27	43.26	35.20	.127 - .254	43.84	35.18	.762 - 1.27	44.25	5.029	1.27 - 1.91	44.37	34.95	.508 - .762	44.42	38.35	.254 - .508
42.88	38.28	1.02 - 1.52	43.28	2.896	.127 - .254	43.87	41.22	.508 - .889	44.25	25.91	.508 - 1.52	44.37	35.41	1.07 - 1.57	44.42	39.83	.635 - 1.02
42.90	13.13	1.91 - 2.70	43.28	4.293	.254 - .635	43.89	22.30	2.54 - 3.00	44.25	37.06	.254 - .508	44.37	35.43	.127 - .254	44.45	3.810	1.02 - 1.52
42.90	23.88	2.30 - 3.00	43.31	31.75	.127 - .305	43.92	22.10	.508 - 1.02	44.25	38.40	1.52 - 1.78	44.37	36.80	.127 - .254	44.45	3.937	1.02 - 2.00
42.90	31.24	2.54 - 3.00	43.31	36.02	.381 - .762	43.94	16.05	.127 - .254	44.25	39.50	1.27 - 1.78	44.37	36.86	.381 - .635	44.45	4.928	1.91 - 2.54
42.90	34.95	.5															

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
44.45	12.80	.254 - 1.52	44.45	30.15	.762 - 2.00	44.50	38.10	2.00 - 2.30	45.01	34.54	.127 - .254	45.69	9.576	.127 - .254	46.00	25.73	2.54 - 3.00
44.45	12.83	.127 - 1.52	44.45	30.20	2.54 - 3.00	44.50	38.28	1.27 - 1.78	45.01	34.57	.127 - .254	45.69	19.13	1.07 - 1.52	46.00	29.06	.508 - .762
44.45	12.90	1.02 - 1.52	44.45	30.23	.127 - .254	44.50	38.43	1.07 - 1.57	45.01	37.34	.381 - .635	45.69	20.19	.914 - 1.27	46.00	33.38	2.54 - 3.00
44.45	12.95	1.22 - 3.00	44.45	31.14	.508 - 1.02	44.50	38.81	1.78 - 2.30	45.03	5.131	1.27 - 1.78	45.69	24.00	2.54 - 3.00	46.00	35.03	.127 - .254
44.45	13.08	3.00 - 3.00	44.45	31.75	.254 - .508	44.53	8.712	2.00 - 2.60	45.03	11.96	3.00 - 3.81	45.69	25.91	1.02 - 1.52	46.00	38.63	.635 - 1.02
44.45	13.11	.127 - .254	44.45	31.75	.381 - .762	44.53	9.830	1.02 - 2.00	45.03	12.73	.127 - .508	45.69	26.14	3.00 - 3.00	46.00	39.12	2.30 - 3.00
44.45	13.49	.381 - 3.00	44.45	31.80	.254 - .508	44.53	19.08	2.00 - 2.54	45.03	25.98	1.27 - 1.78	45.69	35.05	1.27 - 1.91	46.02	5.410	.254 - 3.00
44.45	13.51	2.54 - 3.00	44.45	31.83	.127 - .254	44.53	19.10	2.70 - 3.00	45.03	29.18	1.27 - 1.78	45.69	35.48	.381 - .762	46.02	8.331	4.00 - 5.00
44.45	13.56	2.70 - 3.00	44.45	31.85	.508 - 2.10	44.53	27.10	.127 - .254	45.03	35.20	1.78 - 2.30	45.72	3.734	2.00 - 2.60	46.02	11.58	1.52 - 2.00
44.45	13.59	2.70 - 3.00	44.45	31.88	.254 - .508	44.53	32.21	.127 - .254	45.06	3.226	.381 - .762	45.72	3.912	1.27 - 1.52	46.02	19.08	4.00 - 5.00
44.45	13.79	1.02 - 1.52	44.45	31.98	2.00 - 2.70	44.53	33.35	2.00 - 2.54	45.06	34.59	.127 - .254	45.72	4.953	.127 - .254	46.02	20.12	.889 - 1.22
44.45	14.27	.127 - 3.00	44.45	32.00	.127 - 1.07	44.53	35.18	.127 - .203	45.06	37.69	.508 - .762	45.72	12.01	.635 - 1.02	46.02	26.97	1.91 - 2.54
44.45	14.27	3.00 - 5.00	44.45	33.02	1.02 - 1.52	44.53	39.73	1.27 - 1.78	45.09	32.39	2.54 - 3.00	45.72	12.83	.127 - .508	46.02	28.55	1.27 - 1.91
44.45	14.33	.254 - .508	44.45	33.43	.254 - .508	44.55	22.71	2.54 - 3.00	45.09	38.38	.635 - 1.02	45.72	19.15	.127 - .254	46.02	28.70	2.30 - 3.00
44.45	14.99	2.30 - 2.80	44.45	33.48	.127 - .203	44.55	31.85	1.57 - 2.10	45.09	38.53	.762 - 1.02	45.72	22.35	.254 - .508	46.02	29.36	2.00 - 2.60
44.45	15.82	.508 - 1.91	44.45	33.50	.127 - .254	44.55	35.23	.508 - .762	45.09	38.61	.635 - 1.02	45.72	22.66	1.57 - 2.10	46.02	30.18	1.27 - 2.00
44.45	15.85	2.54 - 3.00	44.45	33.63	.889 - 1.27	44.58	7.137	2.00 - 2.54	45.11	17.40	.127 - .254	45.72	23.01	.127 - 2.54	46.02	33.32	.254 - .381
44.45	15.88	.254 - 4.00	44.45	33.76	.762 - 1.27	44.58	8.179	1.27 - 1.78	45.11	19.10	2.54 - 3.00	45.72	25.20	1.52 - 2.00	46.02	35.08	1.27 - 1.91
44.45	15.90	.254 - .508	44.45	34.32	1.52 - 2.00	44.58	23.01	1.02 - 1.57	45.11	31.37	1.52 - 2.00	45.72	25.65	3.00 - 3.00	46.02	35.61	.381 - .762
44.45	15.93	.127 - 2.54	44.45	34.37	1.02 - 1.52	44.58	32.64	1.52 - 2.00	45.11	32.05	1.52 - 2.00	45.72	29.77	2.00 - 2.54	46.02	35.81	.762 - 1.27
44.45	15.95	.127 - .813	44.45	34.93	.127 - .508	44.58	39.01	1.27 - 1.78	45.11	36.88	.762 - 1.27	45.72	29.79	2.10 - 3.00	46.02	36.47	1.02 - 1.52
44.45	15.98	.127 - 2.30	44.45	35.13	.127 - .254	44.60	12.29	2.70 - 3.00	45.11	40.03	.381 - .635	45.72	32.21	.508 - .762	46.02	36.68	1.02 - 1.52
44.45	16.00	.254 - .508	44.45	35.15	.381 - .635	44.63	6.401	2.00 - 2.60	45.14	25.35	.254 - .508	45.72	35.05	.127 - 2.54	46.02	36.70	.508 - 1.02
44.45	16.13	3.00 - 3.00	44.45	35.18	2.54 - 3.00	44.63	15.98	2.54 - 3.00	45.14	28.19	.381 - .762	45.72	36.32	1.02 - 1.52	46.02	37.59	1.27 - 1.91
44.45	16.18	.635 - 1.02	44.45	35.28	1.52 - 2.00	44.63	36.50	.127 - .254	45.16	5.055	.508 - 1.02	45.72	36.86	.381 - .762	46.02	38.05	.254 - .508
44.45	16.28	4.00 - 5.00	44.45	35.41	2.30 - 3.00	44.65	14.27	.127 - .254	45.19	25.37	1.27 - 1.78	45.72	38.10	.127 - .508	46.02	38.35	.127 - .254
44.45	16.64	2.54 - 3.00	44.45	35.51	.813 - 1.27	44.65	37.49	1.27 - 1.78	45.19	26.85	.127 - .254	45.72	39.32	.127 - .254	46.02	38.66	.508 - 1.02
44.45	16.66	.254 - 1.52	44.45	35.56	.127 - 1.27	44.70	16.03	.254 - .508	45.21	6.350	.508 - .813	45.72	39.67	.127 - .254	46.02	38.68	.762 - 1.27
44.45	16.69	1.02 - 1.52	44.45	35.81	.254 - .508	44.70	19.48	.178 - .406	45.21	12.93	.508 - 1.02	45.72	39.85	.635 - 1.02	46.02	38.71	.381 - .762
44.45	17.42	1.27 - 1.91	44.45	35.84	.203 - .381	44.70	28.96	.178 - .406	45.21	18.29	.127 - .254	45.75	12.83	.254 - .508	46.02	39.70	.381 - .762
44.45	17.45	.127 - .254	44.45	36.45	.127 - 1.02	44.70	32.66	.127 - .254	45.21	19.15	.762 - 1.22	45.75	19.08	.127 - .254	46.05	6.375	2.10 - 2.60
44.45	17.48	2.54 - 3.00	44.45	36.47	3.00 - 3.00	44.73	10.36	.381 - .762	45.21	24.21	3.00 - 3.00	45.75	38.13	1.27 - 1.78	46.05	19.08	.635 - 1.02
44.45	17.58	.127 - .254	44.45	36.65	2.30 - 2.70	44.75	10.36	.381 - .762	45.21	31.75	.381 - .762	45.75	40.89	.508 - .762	46.05	19.15	.762 - 1.02
44.45	17.86	.254 - .508	44.45	37.36	1.27 - 1.91	44.75	24.13	4.00 - 4.00	45.21	40.94	.762 - 1.27	45.75	40.92	.254 - .508	46.05	23.01	.635 - 1.02
44.45	18.62	.381 - .635	44.45	38.10	.635 - 1.02	44.75	35.26	1.52 - 2.00	45.21	42.95	.508 - .762	45.77	10.80	1.02 - 1.52	46.05	23.83	.127 - .254
44.45	19.02	1.27 - 1.78	44.45	38.15	.127 - .254	44.78	28.60	3.00 - 4.00	45.24	23.77	2.00 - 2.70	45.77	31.93	.127 - .254	46.05	28.96	4.00 - 5.00
44.45	19.05	2.54 - 4.00	44.45	38.79	.508 - 1.02	44.81	11.51	.254 - 1.02	45.24	29.39	.508 - 1.02	45.80	23.01	.508 - .813	46.05	32.16	2.30 - 2.70
44.45	19.08	2.30 - 2.80	44.45	38.89	.762 - 2.00	44.81	12.80	2.30 - 3.00	45.24	38.53	.381 - .762	45.80	34.59	1.02 - 1.52	46.05	33.60	.254 - .508
44.45	19.15	.381 - .762	44.45	38.91	.635 - 1.14	44.81	13.06	2.70 - 3.00	45.26	10.06	.127 - .254	45.82	32.26	.254 - .508	46.05	35.41	1.02 - 1.52
44.45	19.18	1.52 - 2.30	44.45	39.37	.254 - .381	44.81	24.13	2.80 - 3.00	45.26	16.38	.127 - .254	45.82	34.70	.127 - .254	46.05	40.26	.254 - .508
44.45	19.25	.127 - .254	44.45	39.75	.127 - .254	44.81	32.21	1.52 - 2.30	45.29	22.35	.254 - .762	45.85	8.585	.127 - .254	46.08	25.40	2.54 - 3.00
44.45	19.81	4.00 - 5.00	44.45	39.78	.127 - .254	44.81	37.47	2.00 - 2.60	45.31	28.85	.508 - 1.02	45.85	9.525	2.30 - 2.70	46.08	33.02	.635 - 1.27
44.45	20.62	1.07 - 4.00	44.45	39.80	.254 - .508	44.83	7.544	1.07 - 1.52	45.31	33.78	.254 - .508	45.85	13.97	.635 - 1.02	46.10	8.204	.127 - .406
44.45	20.70	.127 - .762	44.45	40.13	1.02 - 1.52	44.83	7.823	1.07 - 1.57	45.31	41.05	1.52 - 2.00	45.85	28.37	.508 - 1.02	46.10	10.41	1.78 - 2.80
44.45	20.83	2.54 - 3.00	44.48	8.255	.127 - .254	44.83	12.80	2.54 - 3.00	45.34	22.38	1.27 - 1.78	45.85	34.93	.762 - 1.52	46.10	13.28	.254 - .508
44.45	21.08	.127 - .254	44.48	11.46	2.70 - 3.00	44.83	16.00	.203 - 4.06	45.34	27.53	.813 - 1.22	45.85	35.51	.127 - .254	46.10	19.61	2.54 - 3.00
44.45	21.13	1.27 - 1.78	44.48	12.98	.127 - .254	44.83	25.22	2.54 - 3.00	45.34	32.11	2.70 - 3.00	45.85	39.75	.254 - .508	46.10	19.69	3.00 - 3.00
44.45	22.25	.762 - 2.70	44.48	14.22	.254 - 1.52	44.83	25.53	.254 - .508	45.42	17.73	1.27 - 1.91	45.85	40.23	.381 - .762	46.10	30.28	2.00 - 2.54
44.45	22.30	.152 - .406	44.48	15.90	.635 - 1.02	44.83	26.01	.914 - 1.52	45.42	28.55	.254 - .381	45.85	40.41	1.78 - 2.30	46.10	38.68	.381 - .762
44.45	23.01	2.54 - 3.00	44.48	15.95	2.54 - 3.00	44.83	26.52	2.30 - 2.70	45.42	36.20	1.91 - 2.54	45.85	43.64	.127 - .254	46.18	16.03	.508 - .762
44.45	23.04	2.80 - 3.00	44.48	15.98	.762 - 1.27	44.83	34.29	.762 - 1.27	45.42	40.28	2.30 - 2.70	45.87	5.232	1.02 - 1.27	46.18	27.05	.381 - .762
44.45	23.37	.762 - 2.60	44.48	18.29	4.00 - 5.00	44.83	34.57	1.27 - 1.78	45.42	40.31	1.27 - 1.65	45.87	8.890	.127 - .254	46.18	35.66	.635 - 1.02
44.45	23.80	2.54 - 3.00	44.48	22.61	2.70 - 3.00	44.83	35.10	1.57 - 2.10	45.42	40.77	.508 - 1.02	45.87	34.14	.381 - .762	46.18	35.71	.508 - .762
44.45	23.95	1.52 - 2.00	44.48	25.45	2.70 - 3.00	44.86	35.10	1.52 - 2.00	45.44	19.33	2.00 - 3.00	45.87	42.04	.762 - 1.27	46.18	38.05	1.02 - 1.52
44.45	24.13	2.70 - 4.00	44.48	25.68	.127 - .254</												

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
46.53	3.962	.762 - 1.22	46.99	9.296	1.27 - 1.78	47.50	25.50	.508 - .762	47.63	9.525	1.02 - 1.52	47.68	38.79	1.27 - 1.78	48.11	38.99	1.27 - 1.78
46.53	19.41	.381 - .762	46.99	11.18	.127 - .508	47.50	26.21	2.70 - 3.00	47.63	10.36	1.52 - 2.00	47.68	39.70	.635 - 1.02	48.13	9.601	2.54 - 3.00
46.56	35.10	1.27 - 1.57	46.99	12.83	.254 - .508	47.50	32.33	.254 - .508	47.63	10.39	2.30 - 3.00	47.68	41.58	.762 - 1.02	48.13	29.44	.127 - .254
46.56	35.10	1.27 - 1.78	46.99	12.95	.127 - .254	47.50	35.36	.254 - .381	47.63	11.10	.127 - .254	47.70	15.77	.127 - .508	48.13	40.18	.381 - .762
46.56	40.36	.381 - .762	46.99	14.25	4.00 - 5.00	47.50	36.02	.127 - .254	47.63	11.43	2.70 - 3.00	47.70	16.64	2.30 - 3.00	48.16	12.90	2.70 - 3.00
46.58	19.41	.508 - .813	46.99	15.88	.762 - 1.02	47.50	36.04	.254 - .508	47.63	12.95	2.30 - 3.00	47.70	17.53	.127 - .254	48.16	19.10	.127 - .254
46.58	35.10	.127 - .254	46.99	15.90	.254 - .508	47.50	38.20	.635 - 1.02	47.63	15.75	1.57 - 1.91	47.70	19.15	3.00 - 4.00	48.16	19.33	.127 - .254
46.58	35.15	.127 - .254	46.99	24.56	2.54 - 3.00	47.50	38.43	1.52 - 2.30	47.63	15.90	.381 - .762	47.70	20.62	2.70 - 3.00	48.18	7.849	.127 - .254
46.58	39.98	.381 - .762	46.99	27.20	1.52 - 2.00	47.50	43.51	1.27 - 1.52	47.63	15.98	1.02 - 1.52	47.70	26.75	.127 - .254	48.18	35.92	.127 - .254
46.61	6.477	.508 - .762	46.99	28.12	.127 - .254	47.52	25.63	.127 - .254	47.63	16.05	2.60 - 3.00	47.70	38.10	1.52 - 2.00	48.21	12.98	3.00 - 3.00
46.61	10.92	.127 - .254	46.99	28.50	.127 - .508	47.52	32.00	4.00 - 5.00	47.63	18.24	1.57 - 1.91	47.70	38.23	.254 - .508	48.21	15.98	.254 - .508
46.61	35.10	.762 - 1.52	46.99	30.45	1.02 - 1.27	47.52	34.98	1.27 - 1.78	47.63	19.23	.127 - .254	47.70	41.91	.762 - 1.02	48.21	16.15	3.00 - 3.00
46.61	38.13	.127 - .254	46.99	33.27	.127 - .178	47.52	35.99	1.52 - 2.00	47.63	19.84	1.91 - 2.30	47.73	13.28	.127 - .254	48.21	19.15	.127 - .254
46.61	41.15	.254 - .508	46.99	35.33	.254 - .508	47.52	44.96	.381 - .762	47.63	22.23	.381 - .762	47.73	26.14	3.00 - 3.00	48.21	23.11	1.27 - 1.91
46.63	41.81	.127 - .254	46.99	36.53	2.54 - 3.00	47.55	15.90	1.27 - 1.91	47.63	22.25	.254 - .508	47.73	28.70	.127 - .254	48.23	4.928	.127 - .254
46.66	34.11	.127 - .254	46.99	39.88	.508 - 1.27	47.55	16.05	4.00 - 5.00	47.63	22.61	2.80 - 3.00	47.73	28.96	.127 - .254	48.23	8.636	4.00 - 5.00
46.66	34.16	.127 - .381	46.99	41.94	3.00 - 3.00	47.55	19.20	.127 - .254	47.63	22.63	1.02 - 1.52	47.73	31.88	1.78 - 2.30	48.23	9.652	.762 - 1.27
46.69	3.200	.762 - 1.27	46.99	42.80	.381 - .635	47.55	22.63	.127 - .254	47.63	23.01	2.70 - 3.00	47.73	36.35	1.52 - 1.78	48.23	11.10	4.00 - 5.00
46.69	10.64	.127 - .254	47.02	38.23	.635 - 1.02	47.55	23.09	.254 - .635	47.63	23.77	2.70 - 3.00	47.73	37.16	.381 - .762	48.23	15.98	.381 - .762
46.69	34.82	1.02 - 1.52	47.02	40.39	.127 - .305	47.55	32.00	1.91 - 3.00	47.63	26.19	.635 - 1.02	47.73	38.13	.381 - .762	48.23	16.00	.127 - .254
46.69	39.90	.762 - 1.27	47.02	41.40	.127 - .635	47.55	33.48	1.02 - 1.52	47.63	26.95	1.27 - 1.78	47.73	39.70	.635 - 1.02	48.23	25.78	1.02 - 1.52
46.71	31.78	.635 - .762	47.04	7.366	.508 - .762	47.55	38.33	.127 - .254	47.63	27.23	1.78 - 2.30	47.73	40.77	.635 - 1.02	48.26	9.601	.762 - 1.91
46.71	35.10	.127 - .254	47.04	14.22	1.78 - 2.30	47.57	4.496	1.27 - 1.78	47.63	27.76	.635 - 1.02	47.73	42.85	.254 - .508	48.26	15.90	.127 - .508
46.74	6.325	1.52 - 1.91	47.04	29.59	.889 - 1.14	47.57	6.401	.127 - .381	47.63	28.27	2.00 - 2.60	47.75	14.86	4.00 - 5.00	48.26	16.00	.127 - .254
46.74	12.93	1.27 - 1.78	47.04	40.39	.203 - .381	47.57	9.804	2.30 - 3.00	47.63	28.83	1.27 - 1.78	47.75	24.38	.127 - .254	48.26	21.72	.127 - .254
46.74	17.25	1.27 - 1.78	47.09	42.11	.508 - .762	47.57	15.88	2.54 - 3.00	47.63	28.96	.254 - 1.07	47.75	25.40	1.27 - 1.78	48.26	22.10	1.52 - 2.00
46.74	25.53	.127 - .254	47.12	38.10	3.00 - 3.00	47.57	19.05	2.54 - 3.00	47.63	29.01	.178 - .406	47.75	28.73	.635 - 1.02	48.26	22.38	2.30 - 3.00
46.74	25.60	2.30 - 2.70	47.17	14.88	.508 - .762	47.57	21.44	2.70 - 3.00	47.63	29.26	.127 - .254	47.75	30.30	.381 - .762	48.26	25.45	1.91 - 2.70
46.74	33.93	1.27 - 1.91	47.17	18.03	2.30 - 3.00	47.57	22.40	.381 - .762	47.63	29.36	.813 - 3.00	47.75	35.36	1.78 - 2.00	48.26	25.55	1.02 - 1.52
46.74	34.11	.254 - .508	47.17	36.45	.127 - .305	47.57	28.96	2.54 - 3.00	47.63	29.74	2.54 - 3.00	47.75	37.21	.127 - .254	48.26	27.81	1.02 - 1.52
46.74	36.17	1.27 - 1.91	47.19	34.54	.635 - 1.02	47.57	32.00	1.65 - 2.00	47.63	30.18	.381 - 1.78	47.75	44.68	.127 - .254	48.26	31.90	2.00 - 2.60
46.74	36.20	1.65 - 2.00	47.22	9.881	1.27 - 1.91	47.57	34.26	.762 - 1.27	47.63	31.60	1.02 - 1.57	47.78	19.96	.254 - .635	48.26	33.53	1.02 - 1.52
46.74	37.57	1.02 - 1.52	47.22	20.78	.127 - .254	47.57	35.08	2.30 - 3.00	47.63	31.75	.508 - 1.02	47.78	30.58	.381 - .762	48.26	33.55	1.02 - 1.52
46.74	38.58	1.02 - 1.52	47.22	36.45	.127 - .254	47.57	35.20	2.54 - 3.00	47.63	31.85	.127 - .254	47.78	32.54	1.02 - 1.52	48.26	34.93	1.27 - 1.91
46.76	9.576	2.80 - 3.00	47.22	41.71	1.52 - 2.00	47.57	36.50	2.54 - 3.00	47.63	31.95	.762 - 1.27	47.78	36.17	.127 - .254	48.26	36.91	.508 - 1.02
46.76	10.21	1.02 - 1.52	47.24	5.105	1.27 - 1.91	47.57	36.68	1.57 - 1.91	47.63	32.00	1.52 - 2.30	47.80	22.53	1.52 - 2.54	48.26	38.10	.152 - 1.52
46.76	30.20	.381 - 1.02	47.24	15.75	2.70 - 3.00	47.57	38.30	.127 - .508	47.63	33.27	1.02 - 1.57	47.83	26.29	1.52 - 2.00	48.26	38.13	2.30 - 2.70
46.76	35.66	.127 - .254	47.24	16.03	.254 - .508	47.57	38.94	.127 - .254	47.63	34.42	1.78 - 2.30	47.83	40.26	1.02 - 1.52	48.26	38.86	.254 - .508
46.76	35.74	.127 - .254	47.24	32.21	.635 - 1.27	47.57	41.63	.127 - .254	47.63	34.80	1.52 - 2.10	47.85	25.65	.381 - 1.02	48.26	40.64	.762 - 1.27
46.76	39.85	.127 - .254	47.24	34.16	.762 - 1.02	47.57	42.44	.127 - .381	47.63	34.93	.152 - .762	47.85	37.95	1.27 - 1.91	48.26	41.35	.762 - 1.27
46.79	9.601	2.54 - 3.00	47.24	36.70	1.27 - 1.91	47.57	44.04	.254 - .508	47.63	35.03	.127 - 1.91	47.85	40.06	1.02 - 1.27	48.26	41.91	.635 - 1.52
46.79	16.26	.635 - 1.02	47.27	36.73	.127 - .254	47.60	5.563	2.54 - 3.00	47.63	35.15	1.07 - 1.57	47.85	40.26	.762 - 1.52	48.26	41.94	2.00 - 2.54
46.79	21.03	.127 - .254	47.29	38.35	.305 - .635	47.60	6.401	.127 - .254	47.63	35.20	.762 - 1.27	47.88	8.306	.635 - .889	48.26	42.16	.127 - .254
46.79	27.89	2.00 - 2.54	47.32	16.51	.127 - .254	47.60	6.756	1.78 - 2.30	47.63	36.91	1.02 - 1.52	47.88	9.550	1.52 - 2.00	48.29	15.90	.635 - 1.02
46.79	31.78	2.30 - 3.00	47.32	34.57	2.80 - 3.00	47.60	7.137	.508 - 1.27	47.63	38.15	2.70 - 3.00	47.88	24.28	1.57 - 2.30	48.29	18.44	2.70 - 3.00
46.79	38.89	1.02 - 1.52	47.32	34.93	2.30 - 2.80	47.60	7.163	.381 - 1.52	47.63	38.18	.127 - .813	47.88	26.92	1.07 - 1.57	48.29	19.30	3.00 - 4.00
46.79	41.73	.635 - 1.02	47.32	38.13	2.70 - 3.00	47.60	9.525	2.54 - 3.00	47.63	38.23	1.02 - 2.10	47.88	28.85	1.52 - 2.00	48.29	19.84	2.70 - 3.00
46.81	8.026	.381 - .762	47.37	8.992	1.78 - 2.30	47.60	9.550	1.78 - 3.00	47.63	39.37	.508 - 1.27	47.88	29.39	1.57 - 2.30	48.29	38.13	.254 - .508
46.81	20.73	.635 - .889	47.37	22.56	1.27 - 1.57	47.60	10.11	.762 - 1.02	47.63	39.83	1.52 - 2.30	47.88	35.05	1.57 - 2.30	48.31	16.03	.127 - .254
46.81	22.35	.127 - .254	47.37	25.98	2.54 - 3.00	47.60	10.39	2.54 - 3.00	47.63	40.26	.254 - .508	47.90	25.02	2.54 - 3.00	48.31	27.97	1.02 - 1.57
46.81	30.18	.508 - 1.27	47.37	28.52	2.54 - 3.00	47.60	11.18	4.00 - 5.00	47.63	41.66	1.27 - 1.78	47.90	30.18	.127 - .254	48.31	28.93	2.30 - 3.00
46.81	35.08	.127 - .254	47.37	28.80	1.91 - 2.54	47.60	15.88	.381 - .762	47.63	42.70	1.27 - 1.78	47.90	35.10	1.52 - 2.00	48.31	31.90	2.10 - 2.60
46.81	36.96	.965 - 1.52	47.37	35.31	1.02 - 1.52	47.60	15.95	1.02 - 1.52	47.63	42.88	.127 - .381	47.90	35.48	.127 - .254	48.31	39.88	.127 - .254
46.81	36.98	.762 - 1.27	47.37	38.15	.635 - 1.02	47.60	16.03	2.70 - 3.00	47.63	43.36	.635 - 1.02	47.90	35.51				

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
48.51	36.50	2.54 - 3.00	49.02	46.33	.127 - .762	49.45	42.19	.127 - .254	49.99	12.83	.127 - .254	50.42	35.51	.254 - .762	50.72	18.29	.508 - .889
48.51	36.53	2.70 - 3.00	49.02	47.75	.254 - .508	49.48	27.51	1.78 - 2.30	49.99	16.00	2.70 - 3.00	50.42	40.39	.254 - .508	50.72	19.46	.254 - .508
48.51	40.89	.254 - .508	49.05	4.597	.381 - .635	49.48	40.08	.127 - .254	49.99	21.01	2.70 - 3.00	50.42	43.05	1.02 - 1.52	50.72	23.19	.127 - .254
48.54	41.43	.127 - .254	49.05	14.38	4.00 - 5.00	49.48	44.42	.254 - .508	49.99	22.00	4.00 - 5.00	50.44	13.72	.127 - .254	50.72	25.93	.762 - 1.27
48.56	44.65	.762 - 1.27	49.05	40.51	.127 - .508	49.48	46.23	.127 - .508	49.99	24.99	.127 - .254	50.47	17.04	2.54 - 3.00	50.72	26.95	1.27 - 1.91
48.59	27.84	.127 - .254	49.07	28.60	3.00 - 3.81	49.50	11.66	.508 - .762	49.99	25.27	.127 - .254	50.47	22.56	1.27 - 1.78	50.72	27.20	.127 - .254
48.59	44.58	.127 - .254	49.07	41.30	1.02 - 1.52	49.50	20.83	.127 - .254	49.99	25.60	.762 - 1.27	50.50	22.35	1.27 - 1.78	50.72	31.85	.127 - .254
48.59	45.19	.127 - .254	49.07	43.05	.635 - 1.02	49.50	26.97	.762 - 1.27	49.99	26.06	2.30 - 2.54	50.50	22.83	.127 - .254	50.72	35.92	.127 - .254
48.64	6.477	.508 - .762	49.07	45.19	.127 - .254	49.50	28.42	2.00 - 2.54	49.99	26.11	.127 - .254	50.50	38.02	.127 - .254	50.72	38.18	2.00 - 2.70
48.64	31.98	2.54 - 3.00	49.10	19.05	3.00 - 3.81	49.50	38.76	.127 - .254	49.99	29.21	.127 - .254	50.50	40.01	1.27 - 1.91	50.72	40.23	.127 - .254
48.64	40.28	.178 - .381	49.10	38.20	.381 - .762	49.50	41.15	.762 - 1.02	49.99	30.05	.127 - .254	50.50	40.28	.508 - 1.07	50.72	46.96	.127 - .254
48.67	24.54	1.27 - 1.78	49.10	39.52	1.27 - 1.52	49.50	42.27	.889 - 1.27	49.99	31.83	.762 - 1.27	50.52	19.05	.508 - .762	50.75	8.331	.127 - .254
48.69	31.95	3.00 - 4.00	49.10	39.75	.762 - 1.27	49.53	4.826	.381 - 1.02	49.99	35.41	.127 - .254	50.52	19.96	2.70 - 3.00	50.75	10.82	.127 - .254
48.72	35.18	.381 - .635	49.12	25.45	.762 - 1.27	49.53	8.128	.127 - .254	49.99	35.59	1.52 - 1.78	50.52	22.23	2.54 - 3.00	50.75	11.20	3.00 - 3.00
48.72	35.81	1.57 - 2.10	49.12	39.67	1.27 - 1.57	49.53	12.45	.127 - .254	49.99	38.13	.381 - .762	50.52	44.53	.762 - 1.27	50.75	12.70	.508 - 1.27
48.72	41.45	.127 - .254	49.15	12.01	1.52 - 2.20	49.53	12.83	3.00 - 4.00	49.99	40.08	.381 - 3.00	50.55	7.137	3.00 - 3.00	50.75	13.49	3.00 - 3.00
48.74	35.31	1.52 - 2.00	49.15	12.70	1.52 - 2.10	49.53	35.76	.127 - .254	49.99	41.28	.381 - .762	50.55	8.052	.127 - .254	50.75	14.27	1.02 - 1.52
48.74	38.13	.254 - .508	49.15	26.21	4.00 - 5.00	49.53	40.64	.127 - 1.27	49.99	43.97	.127 - .254	50.55	8.077	.178 - .305	50.75	17.53	1.27 - 1.91
48.74	40.51	1.52 - 2.00	49.15	30.23	.127 - .254	49.53	46.23	.635 - .889	50.55	13.36	.127 - .254	50.75	19.18	3.00 - 4.00	50.75	19.18	3.00 - 4.00
48.74	44.55	.381 - .762	49.15	33.25	2.70 - 3.00	49.56	12.80	2.80 - 3.00	50.55	16.54	2.70 - 3.00	50.75	22.38	.381 - .762			
48.77	21.82	2.00 - 2.60	49.15	38.10	2.30 - 2.54	49.56	25.40	2.70 - 3.00	50.55	17.48	1.27 - 1.78	50.75	22.40	.508 - .762			
48.77	25.40	1.78 - 2.30	49.15	39.50	1.52 - 2.10	49.56	30.51	.762 - 1.27				50.55	19.15	.127 - .254	50.75	25.93	1.78 - 2.30
48.77	32.08	1.57 - 2.10	49.15	42.06	.254 - .508	49.56	45.24	.127 - .254				50.55	22.68	.127 - .254	50.75	26.14	.127 - .254
48.77	35.81	1.52 - 2.30	49.15	42.19	.813 - 1.22	49.58	20.62	1.02 - 1.52				50.55	34.95	1.02 - 1.52	50.75	27.36	.127 - .254
48.77	35.84	2.30 - 2.70	49.15	42.85	2.30 - 2.70	49.58	40.44	.762 - 1.27				50.55	35.03	2.40 - 3.00	50.75	27.76	.635 - 1.02
48.77	37.36	2.00 - 2.54	49.17	17.48	.635 - 1.02	49.61	34.93	1.02 - 1.52	50.01	12.75	.127 - .254	50.55	38.58	1.52 - 2.00	50.75	28.55	.762 - 1.78
48.77	41.53	.762 - 1.02	49.17	19.81	1.52 - 2.00	49.61	36.09	.127 - .254	50.01	22.38	.381 - .762	50.55	45.19	.381 - .762	50.75	28.60	.127 - .254
48.77	46.38	.254 - .508	49.17	20.78	.127 - 1.52	49.63	9.576	1.27 - 1.91	50.01	34.01	1.27 - 1.52	50.57	8.052	2.70 - 3.00	50.75	28.85	2.80 - 3.00
48.79	11.13	2.30 - 2.80	49.17	30.12	1.27 - 1.91	49.63	10.69	1.27 - 1.78	50.01	35.05	1.78 - 2.30	50.57	16.59	2.30 - 3.00	50.75	31.70	3.00 - 4.00
48.79	14.38	.381 - .762	49.17	39.73	1.52 - 2.00	49.63	28.14	3.00 - 4.00	50.01	36.58	.254 - .508	50.57	17.45	.762 - 1.27	50.75	35.79	.635 - 1.02
48.79	38.10	.254 - .508	49.17	40.11	.381 - 1.07	49.63	41.33	.127 - .254	50.01	37.29	.254 - .508	50.57	25.35	.381 - 1.27	50.75	35.99	.762 - 1.27
48.79	42.44	1.57 - 2.10	49.17	40.28	2.30 - 2.54	49.66	10.69	1.27 - 1.78	50.01	37.31	.762 - 1.78	50.57	33.66	.508 - 1.02	50.75	38.13	1.27 - 1.52
48.82	8.052	.381 - .762	49.17	42.06	1.27 - 1.78	49.66	25.50	4.00 - 4.00	50.01	37.34	2.70 - 3.00	50.60	10.64	.127 - .254	50.75	38.25	.508 - .762
48.82	14.35	3.81 - 4.00	49.17	43.66	.127 - .254	49.66	38.43	.508 - 1.07	50.01	41.35	.381 - .762	50.60	14.22	.254 - .508	50.75	41.53	.254 - .508
48.82	24.69	2.00 - 2.60	49.17	44.20	.127 - .254	49.66	38.58	2.00 - 2.60	50.01	42.09	1.27 - 1.78	50.60	25.37	.508 - .762	50.75	42.27	.762 - 1.27
48.82	27.41	2.00 - 2.60	49.20	16.54	2.70 - 3.00	49.66	45.21	.127 - .254	50.04	10.49	2.70 - 3.00	50.60	33.35	1.02 - 1.52	50.75	44.04	1.27 - 1.78
48.82	29.87	2.00 - 2.60	49.20	25.78	1.91 - 2.30	49.68	25.27	1.27 - 2.30	50.04	14.12	.762 - 1.27	50.62	10.31	.762 - 1.02	50.75	44.40	2.00 - 2.54
48.82	34.06	2.00 - 2.60	49.20	25.93	4.00 - 5.00	49.68	38.61	.127 - .254	50.04	23.83	2.30 - 2.80	50.62	10.41	.254 - .381	50.75	44.45	1.27 - 1.78
48.82	35.81	2.00 - 2.60	49.20	27.41	.127 - .254	49.68	39.73	.254 - .381	50.04	38.10	1.27 - 1.78	50.62	12.04	.762 - 1.27	50.75	45.44	.127 - .254
48.84	9.906	.381 - .762	49.20	29.39	.508 - 1.02	49.71	35.94	.762 - 1.27	50.04	41.40	.127 - .254	50.62	12.67	2.30 - 2.80	50.77	4.902	.127 - .254
48.84	22.38	2.70 - 3.00	49.20	32.00	1.02 - 1.57	49.73	9.906	3.00 - 4.00	50.06	32.21	2.40 - 3.00	50.62	13.21	.127 - .254	50.77	6.045	.127 - .381
48.84	30.00	.635 - 1.02	49.20	32.59	.127 - .254	49.78	19.15	3.00 - 3.00	50.06	39.14	.127 - .762	50.62	25.83	.127 - .254	50.77	7.112	3.00 - 3.00
48.84	32.05	2.00 - 2.60	49.20	32.61	.381 - .762	49.78	22.10	3.81 - 4.00	50.09	9.627	.381 - .762	50.62	42.27	.127 - .254	50.77	7.874	.127 - .254
48.84	38.94	1.27 - 1.78	49.20	35.53	.762 - 1.27	49.78	25.68	2.70 - 3.00	50.09	12.83	.381 - .762	50.62	49.10	.127 - .254	50.77	7.950	1.27 - 1.78
48.84	43.54	.254 - .508	49.20	36.47	.762 - 1.27	49.78	27.05	1.78 - 2.30	50.09	22.23	2.70 - 3.00	50.65	10.46	.127 - .254	50.77	9.855	2.70 - 3.00
48.87	8.001	.381 - .762	49.20	38.05	.635 - 1.02	49.78	38.10	.508 - 1.02	50.09	28.70	.381 - .762	50.65	22.48	2.80 - 3.00	50.77	10.31	4.00 - 5.00
48.87	17.55	1.27 - 1.78	49.20	38.79	.127 - .254	49.78	40.23	.254 - .508	50.09	31.75	2.40 - 3.00	50.65	35.10	1.02 - 1.52	50.77	10.34	2.54 - 3.00
48.87	21.84	1.57 - 2.10	49.20	38.81	1.27 - 1.91	49.78	41.12	.508 - 1.02	50.14	10.36	.381 - .762	50.65	41.38	.254 - .508	50.77	11.48	2.54 - 3.00
48.87	24.71	1.57 - 2.10	49.20	42.09	.254 - .508	49.78	41.71	.127 - .254	50.14	29.72	.127 - .254	50.65	42.21	.254 - .508	50.77	12.29	1.78 - 2.30
48.87	27.13	.635 - 1.02	49.20	42.29	1.27 - 1.78	49.81	30.18	.254 - .508	50.14	32.61	.127 - .254	50.65	45.44	.127 - .254	50.77	13.08	4.00 - 5.00
48.87	27.43	1.57 - 2.10	49.20	44.02	1.02 - 1.52	49.81	33.02	.508 - .762	50.14	38.18	.127 - .254	50.65	47.88	.508 - 1.02	50.77	14.27	2.54 - 3.00
48.87	29.90	1.57 - 2.10	49.20	45.95	.127 - .254	49.81	33.32	1.27 - 2.10	50.17	19.18	.635 - 1.02	50.65	49.10	.127 - .254	50.77	17.45	4.00 - 5.00
48.87	29.97	1.57 - 2.10	49.23	8.103	.381 - .762	49.81	40.23	2.30 - 3.00	50.17	47.73	.254 - .508	50.67	10.03	.127 - .254	50.77	17.55	3.00 - 4.00
48.87	32.08	1.57 - 2.10	49.23	35.43	.127 - .254	49.83	44.07	.203 - .508	50.19	19.28	.762 - 1.27	50.67	10.26	.127 - .254	50.77	19.02	.635 - 1

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
50.80	6.756	1.02 - 1.52	50.80	30.99	.889 - 1.52	50.85	41.40	1.27 - 1.78	51.79	38.79	2.70 - 3.00	52.32	20.32	.635 - .914	53.49	45.92	.381 - .762
50.80	6.858	2.00 - 2.54	50.80	31.70	4.00 - 5.00	50.85	44.02	2.00 - 2.70	51.82	25.15	.381 - .762	52.32	22.61	2.00 - 2.60	53.49	46.08	1.27 - 1.91
50.80	7.163	1.52 - 2.00	50.80	31.75	.203 - 1.02	50.85	44.65	.127 - .254	51.82	35.13	.127 - .254	52.32	28.98	1.02 - 1.52	53.52	7.976	2.70 - 3.00
50.80	7.391	1.27 - 1.91	50.80	31.83	.254 - 4.00	50.85	46.02	1.78 - 2.30	51.82	35.81	.127 - 1.78	52.32	36.53	.762 - 1.27	53.54	45.75	1.91 - 2.30
50.80	7.569	.127 - .254	50.80	31.90	1.27 - 1.78	50.85	46.43	.127 - .254	51.82	41.15	1.78 - 2.70	52.32	36.83	.635 - 1.07	53.57	43.84	.635 - 1.02
50.80	8.026	.127 - .254	50.80	32.05	2.10 - 2.60	50.88	4.089	.635 - 1.02	51.82	41.28	.127 - .254	52.32	38.38	.127 - .254	53.57	46.46	2.00 - 2.54
50.80	8.331	1.78 - 2.30	50.80	32.08	1.27 - 1.91	50.88	19.10	1.91 - 2.30	51.84	38.10	1.02 - 1.52	52.32	38.61	1.02 - 1.52	53.62	36.47	.254 - .508
50.80	8.738	1.52 - 1.91	50.80	32.11	2.30 - 3.00	50.88	27.36	1.27 - 1.78	51.84	45.03	.508 - .762	52.32	41.38	.381 - .762	53.64	32.00	2.00 - 2.70
50.80	9.652	4.00 - 5.00	50.80	32.51	1.02 - 2.30	50.88	28.60	1.78 - 2.30	51.87	8.407	1.02 - 1.52	52.32	42.47	.508 - 1.02	53.64	38.33	.508 - 1.02
50.80	10.11	.254 - .508	50.80	32.54	1.02 - 1.52	50.88	37.62	.127 - .381	51.87	33.32	1.27 - 1.78	52.32	45.85	.127 - .254	53.64	46.51	1.27 - 1.78
50.80	10.13	.508 - 1.02	50.80	32.64	.635 - 1.02	50.88	39.55	.508 - 1.02	51.87	41.40	1.02 - 1.52	52.35	32.79	1.52 - 2.00	53.67	6.502	.152 - .406
50.80	10.29	2.54 - 3.00	50.80	32.77	4.00 - 5.00	50.88	43.03	.508 - .762	51.87	45.59	1.27 - 1.91	52.35	44.04	.508 - .889	53.67	22.25	.381 - .762
50.80	10.54	2.30 - 2.70	50.80	32.79	.127 - .254	50.88	45.24	.254 - .508	51.87	49.28	.508 - .762	52.37	9.449	.127 - .254	53.67	38.02	1.78 - 2.30
50.80	11.10	1.27 - 1.78	50.80	33.30	.127 - .254	50.90	19.20	1.02 - 1.52	51.89	46.36	.381 - .762	52.37	13.08	2.54 - 3.00	53.67	38.99	.254 - .508
50.80	11.13	4.00 - 5.00	50.80	33.55	2.00 - 2.54	50.90	21.41	2.54 - 3.00	51.89	49.28	.254 - .508	52.37	15.88	.127 - .813	53.67	44.07	1.02 - 1.52
50.80	11.46	2.30 - 3.00	50.80	33.78	2.00 - 2.60	50.90	28.73	.254 - .508	51.92	26.04	1.27 - 1.78	52.37	16.00	1.27 - 1.78	53.67	48.01	.508 - 1.02
50.80	12.29	4.00 - 5.00	50.80	33.83	.127 - .254	50.93	5.182	2.00 - 2.60	51.92	46.38	.254 - .508	52.37	19.46	1.02 - 1.52	53.67	48.67	.127 - .254
50.80	12.80	.254 - 1.52	50.80	34.29	.254 - .508	50.93	32.00	.635 - 1.02	51.94	8.738	1.02 - 1.52	52.37	34.82	1.78 - 2.30	53.70	30.23	.635 - 1.02
50.80	12.83	.127 - .254	50.80	34.93	1.27 - 2.30	50.93	38.48	.254 - .508	51.94	18.34	.127 - 1.762	52.37	35.08	.381 - .762	53.70	48.26	.381 - .762
50.80	12.85	.508 - .762	50.80	34.95	.381 - .762	50.95	32.51	2.70 - 3.00	51.94	18.39	.127 - .762	52.40	9.957	1.27 - 1.78	53.72	25.04	2.00 - 2.54
50.80	12.88	2.54 - 3.00	50.80	35.05	3.00 - 4.00	50.95	45.09	.127 - .254	51.94	34.14	1.02 - 1.52	52.40	19.08	.762 - 1.27	53.72	44.75	.508 - .762
50.80	12.93	4.00 - 5.00	50.80	35.20	.762 - 1.52	50.98	20.98	.127 - .254	51.94	43.26	.127 - .254	52.40	26.97	.127 - .254	53.75	33.78	.762 - 1.27
50.80	13.11	2.30 - 3.00	50.80	35.28	.381 - 2.00	50.98	38.94	1.02 - 1.52	51.94	43.94	.254 - .508	52.40	33.32	.127 - .254	53.77	29.26	.127 - .254
50.80	13.26	.127 - .254	50.80	35.61	2.70 - 3.00	51.00	19.43	2.70 - 3.00	51.94	47.78	.127 - .254	52.40	41.35	.127 - .254	53.77	44.81	.127 - .254
50.80	13.46	1.52 - 2.00	50.80	36.83	.127 - .254	51.00	33.50	.127 - .254	51.97	39.01	1.52 - 2.00	52.45	43.74	.381 - .762	53.80	35.10	1.78 - 2.30
50.80	14.48	.127 - .254	50.80	38.07	.127 - .254	51.00	35.36	.127 - .305	51.97	40.92	1.78 - 2.30	52.45	47.17	1.91 - 2.30	53.80	38.30	2.70 - 3.00
50.80	15.01	.635 - 1.02	50.80	38.10	.127 - 3.00	51.00	42.57	1.78 - 2.30	51.97	43.94	.508 - .762	52.48	43.64	.762 - 1.27	53.80	39.04	.127 - .254
50.80	15.09	4.00 - 5.00	50.80	38.15	.254 - .508	51.03	6.071	1.02 - 1.52	51.99	14.00	1.52 - 2.00	52.58	29.97	2.00 - 2.60	53.80	40.89	1.78 - 2.00
50.80	15.72	.381 - .762	50.80	38.38	2.30 - 3.00	51.03	45.29	1.78 - 2.30	51.99	18.97	.381 - .762	52.58	38.86	.508 - .762	53.80	41.68	1.52 - 2.00
50.80	15.75	1.02 - 1.52	50.80	38.43	.381 - .762	51.03	45.82	.762 - 1.27	51.99	20.50	1.78 - 2.30	52.60	44.42	.254 - .508	53.80	47.93	.635 - 1.02
50.80	15.88	2.54 - 3.00	50.80	38.48	.127 - 1.52	51.05	43.15	1.27 - 1.78	51.99	21.03	.635 - 1.02	52.63	32.44	.381 - .762	53.82	26.95	1.91 - 2.30
50.80	15.90	.381 - .762	50.80	39.01	.127 - .254	51.13	25.48	.381 - .762	51.99	24.51	.635 - 1.02	52.71	50.01	.762 - 1.27	53.82	38.18	.127 - 2.54
50.80	15.93	1.02 - 1.52	50.80	40.36	.127 - .254	51.13	38.15	.508 - 1.02	51.99	25.02	1.78 - 2.00	52.73	41.38	1.27 - 1.78	53.82	38.40	.127 - .254
50.80	15.95	.508 - 1.02	50.80	41.28	1.27 - 1.52	51.13	42.11	.127 - .254	51.99	27.99	1.52 - 2.00	52.76	29.34	2.00 - 2.60	53.82	40.31	1.27 - 1.78
50.80	16.05	.254 - .508	50.80	41.30	2.70 - 3.00	51.18	35.13	.762 - 1.02	51.99	32.36	.127 - .254	52.76	35.05	2.00 - 2.60	53.85	15.95	1.27 - 1.91
50.80	16.15	.127 - .254	50.80	41.53	.127 - .381	51.21	42.85	.127 - .254	51.99	35.99	1.52 - 2.00	52.76	41.63	.762 - 1.27	53.85	20.57	.381 - .762
50.80	16.36	2.30 - 2.70	50.80	41.88	.127 - .508	51.26	38.35	.762 - 1.27	51.99	42.98	1.52 - 2.00	52.76	43.66	.762 - 1.27	53.85	22.23	1.02 - 1.57
50.80	16.69	2.54 - 3.00	50.80	42.01	.127 - 2.70	51.28	12.75	.762 - 1.27	51.99	45.03	.381 - .762	52.78	42.95	1.27 - 1.52	53.85	23.55	4.00 - 5.00
50.80	17.02	2.30 - 3.00	50.80	42.42	.635 - 1.02	51.28	12.90	1.27 - 1.78	51.99	46.00	.635 - 1.02	52.81	44.45	1.52 - 2.00	53.85	25.76	.381 - .762
50.80	17.40	2.00 - 2.70	50.80	43.05	.127 - .254	51.28	41.22	.381 - .762	52.02	7.518	.127 - .254	52.83	21.18	1.78 - 2.30	53.85	30.15	.381 - .635
50.80	17.58	2.30 - 3.00	50.80	44.42	.254 - 1.52	51.31	7.112	2.54 - 3.00	52.02	15.90	.127 - .254	52.83	40.64	.127 - 1.02	53.85	33.15	.762 - 1.27
50.80	19.05	2.70 - 3.00	50.80	44.58	2.00 - 2.54	51.31	39.40	2.00 - 2.54	52.02	32.00	1.78 - 2.30	52.83	43.05	2.30 - 2.70	53.85	38.25	1.27 - 1.78
50.80	19.10	.254 - .508	50.80	45.21	.381 - 1.02	51.31	42.72	.381 - .762	52.02	35.00	.762 - 1.27	52.83	43.66	.762 - 1.02	53.85	41.02	1.27 - 1.91
50.80	19.13	.127 - .254	50.80	45.97	.127 - .508	51.33	25.76	.127 - .254	52.02	35.23	.127 - .254	52.86	20.83	1.07 - 1.52	53.85	43.13	.254 - .508
50.80	19.25	.127 - .254	50.80	46.81	.254 - .635	51.36	30.07	.254 - .508	52.02	35.38	1.78 - 2.30	52.86	26.92	.254 - .508	53.85	45.34	1.27 - 1.91
50.80	19.33	2.30 - 2.80	50.83	5.029	.254 - .508	51.41	20.57	.762 - 1.27	52.02	44.40	.508 - 1.02	52.88	47.83	.127 - .254	53.85	46.00	2.00 - 2.70
50.80	19.79	.127 - .254	50.83	6.350	2.54 - 3.00	51.44	40.64	.254 - .508	52.04	30.71	.127 - .254	52.88	49.33	.508 - .762	53.85	46.20	.635 - 1.02
50.80	19.81	.381 - .762	50.83	8.001	2.70 - 3.00	51.54	31.04	.127 - .254	52.04	47.09	.127 - .254	52.91	36.58	.127 - .254	53.87	48.34	.254 - .508
50.80	19.84	.127 - 1.52	50.83	8.763	3.00 - 3.00	51.54	41.30	1.27 - 1.78	52.07	3.556	1.52 - 2.00	52.96	36.30	1.02 - 1.52	53.90	38.28	.508 - .762
50.80	19.96	.127 - .254	50.83	9.525	2.70 - 3.00	51.54	44.58	.127 - .254	52.07	12.85	.127 - .254	52.96	45.75	.635 - 1.02	53.90	41.43	.508 - .762
50.80	20.24	.508 - 1.02	50.83	9.677	.508 - .762	51.56	23.77	1.27 - 1.78	52.07	15.90	.254 - .508	52.98	19.99	.508 - .889	53.90	47.68	.127 - .254
50.80	20.62	2.00 - 2.70	50.83	11.35	.127 - .254	51.56	26.92	1.27 - 1.78	52.07	15.93	.254 - .508	53.06	38.30	1.27 - 1.78	53.90	47.70	.508 - 1.02
50.80	22.25	2.70 - 3.00	50.83	12.67	4.00 - 5.00	51.56	30.07	1.27 - 1.78	52.07	16.00	.127 - .508	53.09	20.70	1.78 - 2.30	53.92	22.61	2.30 - 2.70
50.80	22.35	.254 - .508	50.83	12.73	.381 - .762	51.56	33.27	1.27 - 1.78	52.07	18.57	.254 - .508	53.09	23.90	2.80 - 3.00	53.92	23.01	2.30 - 3.

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
53.98	28.52	1.52 - 2.00	54.43	45.49	.254 - .508	55.09	18.29	.508 - .762	56.03	50.29	1.27 - 2.54	57.02	34.93	2.00 - 2.70	57.15	19.84	2.54 - 3.00
53.98	31.78	1.27 - 1.91	54.46	48.01	.127 - .254	55.12	38.61	.381 - .762	56.08	48.97	1.52 - 1.78	57.02	35.05	.762 - 1.27	57.15	20.07	1.02 - 1.52
53.98	32.00	1.91 - 2.30	54.48	21.46	.127 - .254	55.12	39.52	.127 - .254	56.13	25.78	1.27 - 1.52	57.02	35.43	.254 - .508	57.15	20.19	1.27 - 1.78
53.98	33.22	.635 - 1.27	54.48	43.94	.127 - .254	55.14	48.26	.254 - .508	56.13	30.86	2.30 - 3.00	57.02	35.99	2.00 - 3.00	57.15	22.20	1.52 - 2.00
53.98	34.01	2.00 - 2.70	54.48	49.96	.127 - .254	55.14	50.01	.127 - .254	56.13	41.28	1.02 - 3.00	57.02	44.15	2.80 - 3.00	57.15	22.28	1.78 - 2.30
53.98	34.95	.381 - .762	54.51	41.78	1.78 - 2.30	55.17	44.70	.508 - .762	56.16	3.226	1.02 - 1.52	57.02	50.98	.254 - .381	57.15	22.35	.127 - .254
53.98	35.76	.762 - 1.27	54.51	42.01	1.91 - 2.30	55.19	35.38	.127 - .254	56.16	49.10	.254 - .508	57.05	9.601	2.00 - 2.54	57.15	25.50	2.00 - 2.54
53.98	36.55	.381 - .762	54.51	44.27	.127 - .508	55.19	43.41	.127 - .254	56.26	22.35	1.27 - 1.91	57.05	15.93	.635 - 1.02	57.15	25.76	.127 - .254
53.98	38.10	.381 - 2.60	54.53	42.44	.762 - 1.27	55.27	23.93	1.27 - 1.78	56.26	23.19	.127 - 1.02	57.05	16.03	4.00 - 5.00	57.15	25.96	2.30 - 2.60
53.98	38.28	.127 - 1.52	54.56	15.90	.381 - .762	55.27	52.53	.254 - .508	56.26	23.27	.127 - .254	57.05	26.62	1.27 - 1.78	57.15	26.42	.254 - 2.30
53.98	38.76	1.02 - 1.52	54.56	17.53	2.70 - 3.00	55.30	39.24	.254 - .508	56.26	23.70	1.02 - 1.52	57.05	26.87	1.27 - 1.78	57.15	26.92	.381 - .762
53.98	39.67	1.27 - 1.78	54.56	22.30	2.70 - 3.00	55.30	52.10	1.02 - 1.52	56.26	29.29	1.52 - 2.30	57.05	27.03	.635 - 1.02	57.15	27.10	.127 - .254
53.98	40.13	.127 - .254	54.56	25.48	.254 - .508	55.32	9.195	1.27 - 1.78	56.26	36.42	1.91 - 2.54	57.05	46.05	1.27 - 1.91	57.15	29.97	2.70 - 3.00
53.98	41.28	.381 - .762	54.56	44.81	.762 - 1.02	55.35	30.68	.127 - .254	56.26	38.35	.127 - .254	57.07	13.67	.254 - .508	57.15	31.93	.635 - 1.07
53.98	41.68	.254 - 1.02	54.56	45.16	1.27 - 1.78	55.35	38.10	.762 - 1.27	56.26	50.19	.254 - .508	57.07	19.35	.127 - .254	57.15	32.08	1.52 - 2.00
53.98	41.71	1.02 - 1.52	54.56	50.50	1.52 - 1.91	55.37	28.78	1.78 - 2.30	56.26	50.22	.254 - .508	57.07	22.99	.254 - .508	57.15	32.13	1.27 - 3.00
53.98	42.44	.254 - .508	54.61	12.83	.254 - .508	55.37	30.48	.127 - 1.91	56.29	23.22	1.27 - 1.52	57.07	30.48	.254 - .508	57.15	32.36	2.00 - 2.60
53.98	44.45	.254 - .508	54.61	16.03	.254 - .508	55.37	42.21	2.00 - 2.54	56.29	40.01	.635 - 1.02	57.10	6.350	2.70 - 3.00	57.15	32.46	2.54 - 3.00
53.98	44.63	.635 - 1.27	54.61	20.65	2.54 - 3.00	55.40	12.67	.381 - .762	56.34	3.226	1.07 - 1.52	57.10	15.75	.381 - .762	57.15	32.49	.127 - .254
53.98	45.24	.635 - 1.02	54.61	31.75	2.54 - 3.00	55.40	38.28	.635 - 1.02	56.34	8.331	.254 - .508	57.10	16.66	4.00 - 5.00	57.15	32.66	.254 - .508
53.98	47.04	.381 - .762	54.61	35.03	.508 - 1.02	55.42	38.38	1.27 - 1.78	56.36	42.82	.254 - .508	57.10	22.43	.127 - .254	57.15	33.30	1.02 - 1.52
53.98	47.65	1.27 - 1.78	54.61	45.16	.381 - 1.27	55.42	52.50	.254 - .508	56.39	4.826	.127 - .254	57.10	26.24	2.70 - 3.00	57.15	33.91	.635 - 1.27
53.98	48.03	.127 - .254	54.64	15.98	.127 - .254	55.42	53.14	.635 - .889	56.39	22.50	.127 - .254	57.10	28.63	1.27 - 1.91	57.15	34.93	.254 - .508
53.98	50.24	.127 - .508	54.64	17.45	2.54 - 3.00	55.45	35.15	2.54 - 3.00	56.39	32.77	3.81 - 4.00	57.10	30.23	.127 - .254	57.15	35.05	.381 - .762
54.00	11.15	.254 - .762	54.64	22.20	2.54 - 3.00	55.55	6.375	1.27 - 1.78	56.39	48.41	1.27 - 1.78	57.10	31.72	.381 - .762	57.15	35.23	2.70 - 3.00
54.00	19.18	1.27 - 2.70	54.64	35.03	.635 - 1.02	55.55	14.35	.127 - .254	56.41	33.32	2.54 - 3.00	57.10	31.75	2.30 - 2.70	57.15	36.20	.762 - 1.27
54.00	49.53	1.02 - 1.52	54.66	16.00	.127 - .254	55.55	20.88	1.52 - 2.00	56.44	20.98	.762 - 1.27	57.10	32.77	2.70 - 3.00	57.15	36.53	.762 - 1.27
54.03	9.779	.127 - .254	54.69	18.39	2.54 - 3.00	55.58	8.128	1.27 - 1.78	56.52	20.62	.508 - 1.02	57.10	33.40	.127 - .254	57.15	36.63	1.27 - 1.91
54.03	10.31	2.54 - 3.00	54.69	22.23	2.54 - 3.00	55.58	11.33	1.27 - 1.78	56.52	45.82	1.27 - 1.78	57.10	38.28	.762 - 1.27	57.15	38.10	1.52 - 4.00
54.03	19.15	1.02 - 1.52	54.69	43.82	1.27 - 1.78	55.58	19.84	2.54 - 3.00	56.54	41.05	2.00 - 2.54	57.10	38.30	.127 - .254	57.15	38.35	.127 - .254
54.03	25.37	.254 - .508	54.69	51.13	1.02 - 1.52	55.58	28.60	1.27 - 1.91	56.57	36.86	1.27 - 1.78	57.10	42.04	.127 - 2.30	57.15	38.86	1.07 - 1.52
54.03	25.93	2.00 - 2.70	54.71	3.353	.406 - .762	55.60	42.93	.635 - 1.02	56.57	45.72	.508 - 1.78	57.10	44.42	.381 - .889	57.15	39.70	1.27 - 2.60
54.03	32.00	.127 - .254	54.71	45.21	1.02 - 1.52	55.63	28.58	.635 - 1.02	56.57	47.12	2.70 - 3.00	57.10	44.53	.127 - .254	57.15	40.59	.762 - 1.27
54.03	41.28	.127 - .254	54.71	49.71	.254 - .508	55.63	38.53	.381 - .762	56.59	42.80	1.70 - 3.00	57.10	44.88	2.00 - 2.54	57.15	41.02	.381 - .762
54.03	42.49	1.02 - 1.52	54.74	33.66	.127 - .254	55.63	41.33	.127 - .254	56.59	47.17	2.52 - 3.00	57.10	47.63	.762 - 1.27	57.15	41.15	1.02 - 1.52
54.05	28.50	1.27 - 1.91	54.74	49.71	.381 - .762	55.65	31.85	.381 - .762	56.64	45.72	.762 - 3.00	57.10	47.98	.635 - 1.02	57.15	41.35	2.80 - 3.00
54.05	34.90	1.52 - 2.00	54.76	8.763	.762 - 1.52	55.65	48.06	1.52 - 2.00	56.64	49.20	1.83 - 2.30	57.10	48.56	1.27 - 1.78	57.15	41.43	.127 - .508
54.05	38.23	1.27 - 1.78	54.76	22.28	2.80 - 3.00	55.65	50.93	.381 - .762	56.67	44.78	1.27 - 1.52	57.10	50.55	.127 - .254	57.15	42.37	.508 - 1.91
54.05	41.30	.127 - .254	54.76	50.95	.381 - .762	55.68	41.55	1.02 - 1.57	56.69	44.73	1.27 - 1.78	57.10	50.80	.254 - .508	57.15	42.85	.635 - 1.02
54.05	42.37	.127 - .254	54.79	8.738	1.27 - 1.91	55.68	44.55	.762 - 1.02	56.69	44.81	.254 - .762	57.10	50.85	2.00 - 2.54	57.15	44.48	.127 - .508
54.08	6.375	1.27 - 1.78	54.79	8.890	.127 - .254	55.70	24.69	.635 - 1.07	56.72	46.86	.254 - .508	57.12	8.026	1.27 - 1.78	57.15	44.91	1.27 - 1.91
54.08	13.54	2.70 - 3.00	54.79	15.98	3.00 - 3.00	55.70	49.12	.762 - 1.02	56.74	31.75	.381 - .635	57.12	11.13	4.00 - 5.00	57.15	45.24	1.27 - 1.78
54.08	18.67	.508 - 1.02	54.79	31.83	.127 - .254	55.70	50.95	.254 - .508	56.77	26.26	.127 - .254	57.12	11.15	2.60 - 3.00	57.15	45.75	2.54 - 3.00
54.08	32.56	1.27 - 1.78	54.79	34.14	1.27 - 1.91	55.78	43.13	.254 - .508	56.77	38.07	1.27 - 1.78	57.12	13.72	.381 - .762	57.15	45.97	3.00 - 3.00
54.08	38.10	.254 - .508	54.79	36.25	1.02 - 1.27	55.78	43.23	.127 - .254	56.77	41.66	.127 - .254	57.12	13.77	3.81 - 4.00	57.15	46.84	1.02 - 1.91
54.08	38.71	2.54 - 3.00	54.79	50.95	.254 - .508	55.78	50.34	.127 - .254	56.77	49.53	1.02 - 1.52	57.12	19.10	.127 - .254	57.15	47.63	1.27 - 1.91
54.10	7.442	1.27 - 1.78	54.81	26.92	1.91 - 2.30	55.80	41.91	1.02 - 1.52	56.79	36.63	.127 - .254	57.12	19.20	.127 - .254	57.15	48.56	1.78 - 2.30
54.10	13.51	3.00 - 4.00	54.81	27.00	2.00 - 3.00	55.83	26.59	1.02 - 1.52	56.79	39.67	1.78 - 2.30	57.12	20.32	2.00 - 2.54	57.15	50.01	.254 - .381
54.10	13.94	1.02 - 1.52	54.81	37.31	.127 - .254	55.83	28.60	1.02 - 1.52	56.85	36.25	.635 - 1.02	57.12	30.91	.127 - .254	57.15	51.44	.508 - 1.02
54.10	21.84	2.54 - 3.00	54.81	39.73	2.00 - 3.00	55.83	51.99	.127 - .254	56.87	22.23	2.54 - 3.00	57.12					

NO TOOLING CHARGE FOR ANY OF THE SIZES LISTED

Table with columns: O.D., I.D., Choose Any Thickness* From To. The table contains multiple columns of data rows, with a central '60 mm' label spanning several rows in the 11th column.

*With BOKER'S precision metal washers, you can choose the exact thickness you want from the tool range listed.

Tools indicated in BOLD can also be used for non-metallic materials - see page 3 for details.

Need Disks? All O.D. sizes available with no I.D. - +1-612-7299365, Fax +1-612-7298910.

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
62.74	12.75	.102 - .152	63.45	42.85	.127 - .254	63.50	38.38	.127 - 1.52	64.01	48.79	.508 - .762	66.04	12.78	.127 - .508	66.68	41.66	.254 - 1.52
62.74	59.99	.127 - .254	63.45	47.78	.508 - .762	63.50	38.53	.127 - .254	64.01	53.87	.381 - .762	66.04	15.98	.254 - .508	66.68	43.21	.635 - 1.02
62.79	20.68	1.00 - 3.00	63.45	48.51	1.52 - 1.78	63.50	38.68	1.27 - 1.78	64.01	55.73	1.27 - 1.78	66.04	19.10	.381 - .762	66.68	44.70	.127 - .254
62.81	50.80	.254 - .508	63.45	50.85	.127 - .381	63.50	38.84	1.78 - 2.30	64.01	57.28	.127 - .254	66.04	19.13	.203 - .381	66.68	45.24	.381 - .762
62.87	34.32	1.78 - 2.00	63.45	51.18	1.27 - 1.78	63.50	39.65	1.27 - 1.91	64.06	48.79	.127 - .254	66.04	19.18	.254 - .508	66.68	48.92	1.27 - 1.91
62.87	44.96	.127 - .254	63.45	53.82	1.52 - 2.00	63.50	40.79	.635 - 1.07	64.08	51.82	.889 - 1.57	66.04	20.62	.127 - .508	66.68	50.75	2.70 - 3.00
62.92	49.99	.762 - 2.00	63.45	58.67	1.78 - 2.00	63.50	41.25	1.02 - 1.52	64.11	13.54	.127 - .254	66.04	36.98	.508 - .762	66.68	50.85	.127 - .254
62.94	31.24	1.91 - 2.70	63.47	8.255	1.52 - 2.00	63.50	41.28	.127 - 1.52	64.21	59.13	.508 - .762	66.04	45.26	.508 - .762	66.68	51.05	.508 - .762
62.94	40.59	.127 - .254	63.47	26.06	.127 - .254	63.50	41.53	2.30 - 3.00	64.26	31.78	1.52 - 1.78	66.04	53.85	1.52 - 2.00	66.68	60.12	1.02 - 1.52
62.94	47.98	.508 - 1.02	63.47	26.95	1.27 - 1.78	63.50	44.45	1.02 - 1.52	64.26	47.63	1.52 - 2.00	66.04	55.27	.457 - .787	66.70	11.18	.127 - .254
62.94	50.29	1.52 - 1.78	63.47	32.26	.127 - .254	63.50	44.58	.127 - .254	64.26	55.68	.127 - .254	66.04	55.37	.457 - .762	66.70	12.70	2.60 - 3.00
62.97	53.34	.381 - .762	63.47	33.35	2.70 - 3.00	63.50	44.60	2.70 - 3.00	64.26	58.83	.127 - .254	66.04	58.42	1.02 - 1.52	66.70	22.73	2.70 - 3.00
62.99	19.05	1.52 - 1.91	63.47	35.03	1.52 - 1.78	63.50	44.68	2.30 - 2.70	64.29	59.21	.381 - .635	66.07	35.33	1.78 - 2.30	66.70	38.51	2.54 - 3.00
62.99	57.28	.127 - .254	63.47	35.23	1.52 - 2.00	63.50	44.96	1.02 - 1.52	64.34	60.07	.127 - .254	66.09	35.00	.254 - .508	66.70	38.91	.152 - .381
63.02	42.49	2.70 - 3.00	63.47	38.05	.635 - 1.02	63.50	45.14	.381 - 1.57	64.36	53.01	1.27 - 1.52	66.09	61.01	.762 - 1.27	66.70	39.67	.381 - .635
63.02	55.50	.127 - .254	63.47	44.42	.127 - .508	63.50	45.39	1.02 - 1.52	64.49	7.645	1.02 - 1.52	66.12	31.75	.508 - 1.02	66.70	40.06	.762 - 1.27
63.04	54.41	.635 - 1.02	63.47	44.63	1.02 - 1.52	63.50	45.62	1.91 - 4.00	64.52	38.81	.762 - 1.27	66.12	49.07	1.27 - 1.78	66.70	42.11	1.52 - 2.30
63.04	54.61	1.27 - 1.78	63.47	47.98	.254 - .508	63.50	46.08	.254 - .787	64.54	49.25	.635 - 1.02	66.12	55.37	.508 - .787	66.70	44.32	1.52 - 2.30
63.09	41.66	.127 - .254	63.47	49.58	.127 - .254	63.50	46.23	.127 - .254	64.57	48.18	.127 - .254	66.14	39.60	1.27 - 1.78	66.70	45.90	.635 - 1.02
63.12	26.80	3.00 - 4.00	63.47	52.35	.381 - .508	63.50	47.98	.762 - 1.27	64.72	56.21	.127 - .254	66.17	42.80	1.27 - 1.78	66.70	46.36	1.52 - 2.30
63.17	25.78	3.00 - 5.00	63.50	2.540	.381 - .762	63.50	48.01	.508 - .762	64.74	48.36	.127 - .254	66.17	45.97	1.27 - 1.78	66.70	46.63	1.52 - 2.00
63.17	36.20	.762 - 1.27	63.50	3.658	.127 - .508	63.50	48.26	.254 - .635	64.74	52.04	.127 - .254	66.22	51.18	.254 - .762	66.70	46.96	.127 - .254
63.17	41.53	.127 - .254	63.50	3.785	2.00 - 2.30	63.50	49.40	.254 - 1.52	64.77	10.41	.127 - .254	66.22	52.40	1.27 - 1.78	66.70	47.52	.254 - .508
63.22	44.40	1.27 - 1.78	63.50	4.775	2.30 - 2.70	63.50	49.63	.635 - 1.02	64.90	47.57	.127 - .254	66.24	52.40	.635 - 1.02	66.70	49.10	1.52 - 2.30
63.22	45.11	.381 - .508	63.50	5.029	.254 - .508	63.50	50.24	1.07 - 1.57	64.90	48.23	.762 - 1.22	66.24	55.88	.889 - 1.27	66.70	50.80	.381 - 1.27
63.22	50.85	.127 - .254	63.50	6.629	2.54 - 3.00	63.50	50.55	.254 - .787	64.95	41.66	.254 - .508	66.29	13.03	2.30 - 3.00	66.70	52.68	1.52 - 2.00
63.25	36.47	.127 - .254	63.50	6.756	.127 - .254	63.50	50.83	.127 - .254	64.97	35.18	1.27 - 1.91	66.29	57.45	.127 - .254	66.73	10.01	.254 - .508
63.25	47.07	.127 - .254	63.50	7.925	3.00 - 4.00	63.50	50.85	.914 - 3.00	64.97	52.58	1.52 - 1.78	66.32	58.50	.762 - 1.27	66.73	10.03	.127 - .254
63.25	50.29	2.30 - 2.80	63.50	9.398	1.27 - 1.78	63.50	51.56	.508 - .762	65.00	10.59	3.00 - 4.00	66.34	58.42	1.27 - 1.78	66.73	12.70	3.00 - 5.00
63.25	50.70	2.70 - 3.00	63.50	9.525	2.00 - 2.60	63.50	53.98	1.02 - 1.27	65.00	41.63	.254 - .508	66.37	43.10	.635 - 1.02	66.73	32.16	.635 - 1.02
63.25	52.32	.127 - .254	63.50	9.779	3.00 - 4.00	63.50	55.25	.127 - 1.52	65.00	48.18	2.70 - 3.00	66.42	14.22	2.54 - 3.00	66.73	32.92	1.52 - 1.91
63.27	25.68	3.00 - 4.00	63.50	9.906	2.30 - 3.00	63.50	57.15	.635 - 1.02	65.02	13.49	3.00 - 5.00	66.42	54.25	.254 - .508	66.73	33.45	1.52 - 2.00
63.27	38.30	2.00 - 3.00	63.50	10.16	.127 - .254	63.50	57.35	1.02 - 2.00	65.02	28.85	1.27 - 1.78	66.42	54.36	1.27 - 1.91	66.73	37.11	1.52 - 1.91
63.30	27.15	.127 - .254	63.50	10.29	2.70 - 3.00	63.50	57.68	.508 - .889	65.02	30.99	1.02 - 1.27	66.42	59.79	.508 - .762	66.73	39.65	1.52 - 1.91
63.32	19.10	1.22 - 1.57	63.50	11.18	2.00 - 2.54	63.50	58.78	.508 - .762	65.02	31.75	.635 - 1.02	66.47	39.34	1.27 - 1.91	66.73	42.52	2.70 - 3.00
63.32	31.88	2.00 - 2.54	63.50	11.53	2.70 - 3.00	63.53	6.426	.254 - .508	65.02	36.12	.762 - 1.27	66.50	44.70	2.70 - 3.00	66.73	49.50	.635 - 1.02
63.32	35.56	.635 - .889	63.50	12.70	3.00 - 3.00	63.53	11.35	1.27 - 1.78	65.05	19.30	.508 - 1.02	66.52	53.95	.381 - .635	66.73	57.48	.254 - .508
63.32	39.67	2.00 - 2.70	63.50	13.21	2.70 - 3.00	63.53	15.93	.254 - 3.00	65.05	42.09	2.54 - 3.00	66.55	10.46	.254 - .508	66.73	58.95	1.02 - 1.52
63.32	45.34	3.00 - 4.00	63.50	14.30	.914 - 1.52	63.53	17.48	4.00 - 5.00	65.05	53.11	1.07 - 1.52	66.55	14.05	.127 - .254	66.75	8.915	.127 - .254
63.32	50.80	1.02 - 1.52	63.50	15.82	1.02 - 1.52	63.53	30.45	.127 - .254	65.07	10.34	.762 - 1.27	66.55	28.55	.127 - .203	66.75	16.10	2.00 - 2.54
63.32	52.37	1.02 - 1.52	63.50	15.85	.127 - .254	63.53	31.72	.127 - 1.78	65.07	39.67	2.54 - 3.00	66.55	60.48	.254 - .508	66.75	47.78	.127 - .254
63.35	15.65	.762 - 1.27	63.50	15.95	.254 - .508	63.53	31.75	1.52 - 2.30	65.07	46.00	.508 - .889	66.60	6.401	3.00 - 3.00	66.75	57.23	1.27 - 1.78
63.35	31.93	.127 - .254	63.50	16.00	.254 - .508	63.53	38.10	.127 - .254	65.07	58.75	.254 - .508	66.60	8.661	1.91 - 2.30	66.78	48.77	1.27 - 1.78
63.37	12.90	2.70 - 3.00	63.50	16.13	.381 - .762	63.53	38.86	.127 - .254	65.10	19.20	.508 - 1.02	66.60	27.10	.381 - .762	66.78	58.17	.127 - .254
63.37	15.65	.254 - .508	63.50	16.28	3.00 - 3.00	63.53	41.28	2.00 - 2.54	65.10	50.88	.508 - 1.02	66.60	28.70	1.27 - 1.91	66.80	36.04	.762 - 1.27
63.37	15.75	.381 - 1.52	63.50	16.66	4.00 - 5.00	63.53	44.32	2.60 - 3.00	65.10	51.51	.127 - .254	66.60	41.58	.762 - 1.27	66.80	40.89	2.30 - 2.70
63.37	29.21	.127 - .254	63.50	16.76	2.70 - 3.00	63.53	54.28	.508 - 1.02	65.13	43.33	2.00 - 2.70	66.60	47.45	1.02 - 1.52	66.80	58.19	1.52 - 2.00
63.37	33.50	2.70 - 3.00	63.50	19.08	1.52 - 2.00	63.55	7.976	.127 - .254	65.13	61.85	.127 - .254	66.60	50.85	.381 - .762	66.80	58.22	.127 - .254
63.37	35.56	.127 - .254	63.50	19.10	.254 - .508	63.55	16.18	.127 - .254	65.15	10.46	.127 - .254	66.62	13.06	.127 - .254	66.80	60.58	.762 - 1.52
63.37	41.94	.762 - 1.27	63.50	19.20	2.54 - 3.00	63.55	19.58	.127 - .254	65.15	54.51	.381 - 1.14	66.62	51.44	1.91 - 2.30	66.83	58.12	.127 - .254
63.37	51.97	.127 - .254	63.50	19.56	1.78 - 2.30	63.55	38.10	.508 - .762	65.15	61.82	.127 - .508	66.62	60.25	.254 - .508	66.93	41.50	.127 - .254
63.37	52.32	1.27 - 1.91	63.50	20.88	3.00 - 3.00	63.55	38.13	2.00 - 2.54	65.18	58.93	1.02 - 1.52	66.62	60.35	.127 - .254	66.93		

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		
68.58	60.20	.508 - 1.02	72.87	44.83	.127 - .254	77.01	73.99	.762 - 1.27	86.03	46.13	.508 - .762	98.40	41.71	1.27 - 1.57	111.3	85.73	.152 - .305		
68.58	64.52	.127 - .254	72.87	48.26	.762 - 1.27	77.14	20.83	.508 - .889	98.43	29.21	1.02 - 1.52	111.7	101.2	.381 - .762					
68.91	60.45	.508 - .889	72.90	45.21	1.22 - 1.57	77.39	45.59	1.02 - 1.27	86.18	46.76	.508 - 1.02	98.55	63.88	.762 - 1.27	111.8	70.56	.254 - .508		
69.09	28.58	.508 - 1.02	72.92	33.43	.508 - .762	77.72	51.18	.254 - .381	86.36	10.16	1.22 - 1.57	98.58	60.86	1.27 - 1.52	112.3	98.81	.508 - .762		
69.22	51.05	.889 - 1.27	72.95	43.18	.254 - .508	77.72	55.37	1.02 - 1.27	86.36	15.95	.508 - .762	98.78	58.80	.508 - .762	112.6	96.77	.508 - .889		
69.34	50.98	.508 - .889	73.03	19.18	1.02 - 1.52	77.77	71.07	.635 - .889	87.02	74.65	.254 - .762	99.06	68.58	1.27 - 1.52	112.6	80.09	.254 - .381		
69.44	59.00	.508 - .762	73.03	38.10	.127 - .254	77.80	60.25	1.22 - 1.57	87.05	74.68	.508 - .889	99.06	85.34	.508 - 1.02	112.6	19.20	1.27 - 1.78		
69.47	50.42	.762 - 1.02	73.03	38.10	.508 - .762	77.85	39.62	2.30 - 2.70	87.12	78.16	.508 - 1.02	99.26	59.74	.508 - 1.02	114.0	107.3	.762 - 1.27		
69.47	50.80	1.27 - 1.52	73.03	57.28	.508 - 1.02	77.85	71.12	1.02 - 1.27	87.63	39.47	.127 - .254	99.70	56.49	.508 - .762	114.3	12.80	1.02 - 1.52		
69.49	57.23	.254 - .508	73.03	57.79	.762 - 1.27	77.88	64.77	1.02 - 1.27	87.63	66.29	1.02 - 1.27				114.3	63.50	1.22 - 1.57		
69.60	55.88	.508 - .762	73.15	57.48	1.27 - 1.52	77.90	22.89	1.02 - 1.27	87.68	77.17	.254 - .381	100 mm				115.6	6.172	1.02 - 1.52	
69.60	57.15	.254 - .508	73.23	50.80	.203 - .406	77.98	45.09	.254 - .508	87.96	66.85	.508 - .762					116.1	98.30	.508 - .762	
69.65	43.89	.762 - 1.02	73.41	60.71	.127 - .254	77.98	49.02	.508 - 1.02	88.04	56.64	1.02 - 1.52					117.4	109.9	.254 - .381	
69.67	64.01	.762 - 1.02	73.53	61.47	.508 - .762	78.16	23.90	1.02 - 1.52	88.14	17.91	2.30 - 2.70					119.1	90.42	.127 - .254	
69.72	22.56	.127 - .254	73.66	19.81	2.00 - 2.70	78.23	55.63	1.02 - 1.27	88.42	61.34	.254 - .508					119.1	98.53	.127 - .254	
69.72	59.56	.508 - .762	73.66	51.05	1.52 - 2.00	78.36	62.43	1.52 - 2.00	88.44	68.66	.813 - 1.07	100.0	42.49	.254 - .508	119.4	98.17	.254 - .508		
69.77	35.56	.635 - 1.02	73.66	60.96	.254 - 1.02	78.49	41.91	1.22 - 1.57	88.49	73.15	.889 - 1.22	100.0	51.00	.381 - .635	119.5	79.76	.508 - .762		
69.82	34.95	1.02 - 1.27	73.94	42.06	1.02 - 1.52	78.56	66.75	.508 - 1.02	88.67	50.80	.254 - .381	100.0	59.99	.508 - .813	119.6	98.37	.254 - .508		
69.85	12.83	.254 - .508	74.04	67.13	.508 - .762	78.59	50.80	.254 - .508	88.75	16.15	2.30 - 3.00	100.1	80.01	1.27 - 1.52	119.9	98.65	.508 - .889		
69.85	14.30	2.30 - 3.00	74.07	49.91	1.02 - 1.52	78.71	70.03	1.02 - 1.27	88.82	67.82	1.52 - 2.00	100.6	91.74	.762 - 1.27					
69.85	15.95	.254 - .762	74.14	31.93	1.27 - 1.52	78.74	15.95	.254 - .508	88.90	3.429	.381 - .635	101.3	48.03	.254 - .381	120 mm				
69.85	15.98	.254 - .508	74.17	51.56	1.27 - 1.52	78.74	63.50	.127 - .254	88.90	12.80	1.02 - 1.52	101.6	12.80	1.02 - 1.52					
69.85	19.30	.508 - 1.02	74.30	42.93	1.02 - 1.52	78.74	63.53	.762 - 1.27	88.90	50.80	1.02 - 1.52	101.6	17.53	1.02 - 1.52					
69.85	30.48	.508 - .762	74.42	68.83	.508 - .762	78.74	69.85	.762 - 1.27	88.90	51.56	1.02 - 1.27	101.6	25.65	1.27 - 1.78					
69.85	31.75	.254 - .508	74.45	33.27	1.02 - 1.52	79.25	69.77	1.02 - 1.52	88.90	57.15	.508 - .889	101.6	50.80	.203 - .381					
69.85	33.02	.508 - .889	74.47	65.94	.254 - .508	79.25	69.85	.254 - .508	88.90	63.50	.254 - .508	101.6	57.94	.203 - .381	120.1	103.7	.762 - 1.27		
69.85	41.53	.508 - .762	74.52	65.96	1.52 - 1.78	79.27	41.68	1.22 - 1.57	88.90	77.72	.254 - .381	101.6	64.26	.762 - 1.27	123.4	9.906	2.30 - 3.00		
69.85	47.75	.508 - 1.02	74.55	64.01	.508 - .762	79.32	54.64	.381 - .635	88.90	79.38	.508 - .762	101.6	65.07	1.22 - 1.57	123.4	110.5	.508 - .914		
69.85	50.80	.254 - .508	74.60	34.93	1.02 - 1.52	79.32	54.69	.254 - .508	88.90	80.21	.508 - .762	101.6	65.46	.508 - 1.02	123.4	116.8	.381 - .762		
69.98	9.525	.254 - .508	74.60	38.10	1.02 - 1.52	79.38	23.01	2.00 - 2.30	88.90	82.55	.254 - .508	101.6	70.61	1.02 - 1.52	123.8	76.66	.508 - .762		
69.98	32.00	.889 - 1.14	74.60	67.06	.635 - 1.02	79.38	48.26	1.22 - 1.57	88.98	68.63	1.02 - 1.52	101.6	76.20	.203 - .635	125.3	121.0	.381 - .635		
69.98	59.59	.635 - .889	74.68	33.66	1.22 - 1.57	79.38	48.31	1.02 - 1.52	89.18	81.46	1.02 - 1.27	101.6	85.39	.254 - .508	125.7	111.6	.254 - .508		
69.98	60.99	.254 - 1.02	74.78	14.53	.254 - .508	79.38	50.80	.508 - 1.02	89.28	77.47	1.27 - 1.52	101.6	86.61	.508 - .762	126.0	108.2	.508 - .762		
			74.80	50.65	1.02 - 1.52	79.50	8.001	2.70 - 3.00	89.84	55.52	.508 - 1.02	101.6	87.02	.508 - .762	126.4	80.39	.635 - 1.02		
			74.90	38.38	1.02 - 1.52	79.71	39.78	.508 - .762	89.84	57.91	.762 - 1.27	101.6	90.02	.381 - .635	126.8	124.6	.508 - 1.02		
			74.93	15.95	.254 - .508	79.71	40.08	.508 - .762	89.99	80.01	.381 - .635	102.0	90.73	1.02 - 1.52	127.0	6.858	1.02 - 1.52		
			74.93	56.62	1.02 - 1.27	79.98	18.34	2.30 - 3.00				102.2	77.72	1.02 - 1.52	127.0	39.67	.762 - 1.27		
			74.93	57.15	.381 - .635							102.3	84.05	1.27 - 1.52					
			74.93	57.40	.508 - 1.02							103.0	32.99	1.27 - 1.52					
			75.06	43.66	1.02 - 1.27							103.3	83.19	.508 - .762					
70.00	27.56	.254 - .508	75.13	62.71	1.02 - 1.52	80 mm				104.0	97.99	.254 - .508	130 mm						
70.00	58.01	1.02 - 1.27	75.31	63.12	.508 - 1.02					104.0	82.98	.254 - .508							
70.00	60.99	1.02 - 1.27	75.36	19.96	1.02 - 1.52					104.6	64.74	.508 - .762							
70.10	46.99	.508 - 1.02	75.62	59.18	.508 - 1.02					104.6	80.01	.889 - 1.27							
70.61	57.48	.635 - 1.02	75.69	62.23	.254 - .508	80.65	68.58	.254 - .508	90.17	15.95	.508 - .762	104.8	45.24	1.02 - 1.27	130.2	111.6	.381 - .635		
70.61	60.02	.508 - 1.02	75.84	56.64	1.52 - 2.00	80.80	56.64	1.02 - 1.27	90.35	70.66	.254 - .508	104.8	87.12	.508 - .762	130.6	72.64	.152 - .305		
70.61	62.99	.254 - 1.27	76.07	24.10	.254 - .381	80.80	56.64	1.02 - 1.27	90.68	6.579	.762 - 1.27	104.8	95.25	.508 - 1.02					
70.64	64.29	.152 - .254	76.12	55.55	.254 - .508	80.90	25.98	.127 - .254	90.81	25.91	.914 - 1.27	104.8	81.64	1.22 - 1.57					
70.87	44.37	.762 - 1.02	76.15	60.45	1.27 - 1.52	81.05	49.66	1.02 - 1.52	90.81	25.91	.914 - 1.27	104.9	16.76	.508 - .762					
70.99	61.72	.152 - .254	76.20	6.350	.762 - 1.27	81.15	32.00	.127 - .254	91.08	83.19	.508 - .813	105.4	90.83	.508 - .762					
71.02	59.51	1.52 - 1.98	76.20	7.925	1.02 - 1.52	81.15	34.42	.508 - .889	91.67	57.15	.635 - 1.02	106.6	54.25	.254 - .508	For outside diameters up to 305 mm contact BOKER's at +1-612-7299365.				
71.07	19.05	.254 - .762	76.20	8.712	.254 - .381	81.28	63.50	.254 - 1.91	91.67	63.50	.635 - 1.02	106.7	89.03	.508 - .813					
71.07	63.65	.127 - .254	76.20	9.525	.508 - 1.02	81.79	76.81	.508 - .762	91.95	19.05	1.02 - 1.52	107.1	41.10	.508 - 1.02					
71.09	19.18	.508 - .762	76.20	13.49	2.30 - 2.70	82.40	36.20	.127 - .254	92.08	51.56	1.57 - 2.00	107.3	38.61	.508 - .813					
71.12	15.95	.254 - .508	76.20	14.22	1.27 - 1.78	82.50	70.51	.254 - .381	92.08	81.18	.508 - .762	107.7	64.14	.508 - .813					
71.12	50.80	.254 - .508	76.20	19.05	2.30 - 2.70	82.52	25.43	.127 - .254	92.46	52.63	.508 - 1.02	108.0	19.81	.254 - .508					
71.37	4.293	.381 - .635	76.20	24.92	.381 - .762	82.55	4.826	.254 - .508	92.63	59.59	.381 - .914	108.0	20.35	.508 - .762					
71.37	60.33	.152 - .254	76.20	25.91	.508 - .889	82.55	15.95	.254 - .508	92.99	76.00	.254 - .762	108.0	90.17	1.27 - 1.52					
71.37	60.96	.254 - .508	76.20	30.94	.254 - .381	82.55	19.05	.254 - .381	93.04	61.65	1.02 - 1.52	108.0	90.68	.508 - .762					
71.42	4.877	1.27 - 1.57	76.20	44.40	1.22 - 1.57	82.55	25.73	.127 - .254	93.98	73.63	1.02 - 1.52	108.0	92.96	.381 - .635					
71.53	55.88	.508 - .889	76.20	44.4															

NEW TOOLS CONTINUALLY ADDED!



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

Equipment and Capabilities List

Housed in over 9,300 square meters, the equipment listed below, as well as all tooling, are protected by a central station security and fire system.



Tool & Die Department

- CAD CAM Drawing System
- Kitamura Vertical Machine Center
- Mori Seiki Vertical Machine Center (508 x 1,016 mm)
- Mori Seiki High Precision C.N.C. Lathes
- Digital Optical Comparator
- (2) Clausing Surface Grinders
- Matsui Precision Grinder
- (3) Charmilles Wire E.D.M.s (356 x 533 x 203 mm)
- Charmilles E.D.M. Drill
- Okamoto Precision Grinder
- Stratasys Dimension SST 1200ES 3D Printer

Washer Department

- 18 Punch Presses (9,072 to 54,431 kg)
- Digital Servo Feeders
- Electric Coil Reels (544 kg capacity)
- Coil Straighteners
- Tonnage Monitors



Stamping Department

- 46 Punch Presses (9,072 to 181,437 kg)
- 2 High Speed Minster Progressive Die Presses (54,431 to 136,078 kg)
- Digital Servo Feeders
- Electric Coil Reels (2,722 kg capacity)
- 122 cm Press Brake
- Optical Part Detection Systems
- Press Control Automation
- Tonnage Monitors

Heat Treating Department

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

Raw Stock & Shear Department

- 2 Shears 305 cm (6.35 mm thick maximum)
- Stanat Model Rolling Mill
- Cooper Weymouth Roller Levelers
- Coil Set Straightener
- Wilder Coil Slitter
- Computer Inventory & Control System

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 46 cm
- Parts Washing System

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



Material Capabilities

- Material Thickness: .127 mm to 3.4 mm
- Blank Size: 305 x 305 mm maximum (flat)
- Draws: 203 mm diameter, 76 mm deep maximum

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

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



CREDIT CARDS ACCEPTED



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INCH & MILLIMETER EQUIVALENTS

1 mm = .03937" .001" = .0254 mm

FRACTION			DECIMALS			MILLIMETERS			FRACTION		DECIMALS		MILLIMETERS		
FRACTION	DECIMALS	MILLIMETERS	FRACTION	DECIMALS	MILLIMETERS	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES		
	$\frac{1}{64}$	0.015625	—	0.397								.1	.0039	46	1.8110
	$\frac{1}{32}$	.03125	—	0.794								.2	.0079	47	1.8504
	$\frac{3}{64}$	.046875	—	1.191								.3	.0118	48	1.8898
$\frac{1}{16}$		.0625	—	1.588								.4	.0157	49	1.9291
	$\frac{5}{64}$	.078125	—	1.984								.5	.0197	50	1.9685
	$\frac{3}{32}$	.09375	—	2.381								.6	.0236	51	2.0079
	$\frac{7}{64}$	.109375	—	2.778								.7	.0276	52	2.0472
$\frac{1}{8}$		.1250	—	3.175								.8	.0315	53	2.0866
	$\frac{9}{64}$	.140625	—	3.572								.9	.0354	54	2.1260
	$\frac{5}{32}$	.15625	—	3.969								1	.0394	55	2.1654
	$\frac{11}{64}$	.171875	—	4.366								2	.0787	56	2.2047
$\frac{3}{16}$		.1875	—	4.763								3	.1181	57	2.2441
	$\frac{13}{64}$	.203125	—	5.159								4	.1575	58	2.2835
	$\frac{7}{32}$	.21875	—	5.556								5	.1969	59	2.3228
$\frac{1}{4}$		.2500	—	6.350								6	.2362	60	2.3622
	$\frac{15}{64}$	.234375	—	5.953								7	.2756	61	2.4016
	$\frac{17}{64}$	.265625	—	6.747								8	.3150	62	2.4409
	$\frac{9}{32}$	.28125	—	7.144								9	.3543	63	2.4803
	$\frac{19}{64}$	.296875	—	7.541								10	.3937	64	2.5197
$\frac{5}{16}$		.3125	—	7.938								11	.4331	65	2.5591
	$\frac{21}{64}$	.328125	—	8.334								12	.4724	66	2.5984
	$\frac{11}{32}$	.34375	—	8.731								13	.5118	67	2.6378
	$\frac{23}{64}$	.359375	—	9.128								14	.5512	68	2.6772
$\frac{3}{8}$		.3750	—	9.525								15	.5906	69	2.7165
	$\frac{25}{64}$	.390625	—	9.922								16	.6299	70	2.7559
	$\frac{13}{32}$	.40625	—	10.319								17	.6693	71	2.7953
	$\frac{27}{64}$	.421875	—	10.716								18	.7087	72	2.8346
$\frac{7}{16}$		.4375	—	11.113								19	.7480	73	2.8740
	$\frac{29}{64}$	.453125	—	11.509								20	.7874	74	2.9134
	$\frac{15}{32}$	.46875	—	11.906								21	.8268	75	2.9528
	$\frac{31}{64}$	.484375	—	12.303								22	.8661	76	2.9921
$\frac{1}{2}$		.5000	—	12.700								23	.9055	77	3.0315
												24	.9449	78	3.0709
												25	.9843	79	3.1102
												26	1.0236	80	3.1496
												27	1.0630	81	3.1890
												28	1.1024	82	3.2283
												29	1.1417	83	3.2677
												30	1.1811	84	3.3071
												31	1.2205	85	3.3465
												32	1.2598	86	3.3858
												33	1.2992	87	3.4252
												34	1.3386	88	3.4646
												35	1.3780	89	3.5039
												36	1.4173	90	3.5433
												37	1.4567	91	3.5827
												38	1.4961	92	3.6220
												39	1.5354	93	3.6614
												40	1.5748	94	3.7008
												41	1.6142	95	3.7402
												42	1.6535	96	3.7795
												43	1.6929	97	3.8189
												44	1.7323	98	3.8583
												45	1.7717	99	3.8976
												100	1.8110	100	3.9370



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