



**BRIGHTON-BEST
INTERNATIONAL INC.**
Founded 1925



BRIGHTON-BEST INTERNATIONAL



2008
Version

WASHERS CATALOG

Terms and Conditions

GUARANTEE:

All Brighton-Best International, Inc. products are manufactured to rigid quality control standards which meet or exceed industry standards. Records and tests pertaining to the rigid specifications of Brighton-Best International, Inc. are on file and available upon request.

PLATING:

All plating charges are extra. Fasteners plated by sources other than BBI are not guaranteed and not subject to return.

MODIFICATION:

Fasteners which are modified or altered in any way by sources other than BBI are not guaranteed and not subject to return.

CLAIMS/RETURNS:

Any cancellation or returns must be pre-authorized by Brighton-Best International and goods must be returned in its original box, quantity, and in a resaleable condition. Returns will only be accepted with Material Return Authorization documents (MRA) from Brighton-Best, within 30 days of invoice date. A 15% or \$10 restocking fee (whichever is greater) may apply to returned goods. Any product that has been reworked or specially manufactured can not be returned for credit. Customer assumes full responsibility for any damaged or lost material (including filing of any and all freight claims with the carrier) for shipments with terms of delivery of "Collect" or "3rd Party". Damage/Discrepancy on any BBI paid shipment must be reported within 7 days from the day of receipt (i.e. signing of the proof of delivery) and unaltered before carrier's inspection. If customer fails to comply with the above policy, BBI is not responsible for the damage/ discrepancy.

SALES:

All prices are subject to change without notice. All written quotations are based on market conditions and the prices are valid as stipulated on the BBI quotation form.

LIMITED WARRANTY AND EXCLUSIVE REMEDY:

Brighton-Best International, Inc. warrants that the products in this catalog conform to industry standards as noted herein. THIS WARRANTY IS EXPRESSLY GIVEN IN LIEU OF ANY AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND IN LIEU OF ANY OTHER OBLIGATION ON THE PART OF BRIGHTON-BEST INTERNATIONAL, INC. Brighton-Best International, Inc. will replace free of charge (excluding all shipping and handling costs) any products which have not been produced in accordance with these industry standards. This warranty shall not extend to include any products which may have been plated, modified, misused or abused by the user. Brighton-Best International, Inc., in its sole discretion, shall determine compliance with the warranty set forth above. THE REMEDY PROVIDED FOR HEREIN SHALL BE THE EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY OR ANY CLAIM ARISING IN ANY WAY OUT OF THE MANUFACTURE, SALE, OR USE OF THESE PRODUCTS. In no event shall Brighton-Best International, Inc. be liable for consequential, incidental or any other damages of any nature whatsoever, except as set forth herein for any breach of warranty or any claim arising in any way out of the manufacture, sale or use of these products. This warranty shall be the sole warranty, expressed or implied.

WASHERS

Through Hardened USS Flat Washer Medium Carbon , Zinc&Yellow , Inch



ASME B18.21.1-1999
MIL CARB C38-45 USS

Size	Keg QTY.	Box QTY.	Product Code
1/4	6000	100	351050
5/16	3500	100	351100
3/8	2500	100	351150
7/16	1500	100	351200
1/2	1000	100	351250
9/16	800	100	351300
5/8	500	50	351350
3/4	400	50	351400
7/8	250	50	351450
1	200	50	351500

Through Hardened USS Flat Washer Medium Carbon , Zinc&Yellow , Inch



ASME B18.21.1-1999
MIL CARB C38-45 USS
IMPORTED

Size	Keg QTY.	Box QTY.	Product Code
1/4	6000	100	353050
5/16	4000	100	353100
3/8	3000	100	353150
7/16	1500	100	353200
1/2	1000	100	353250
9/16	800	100	353300
5/8	500	50	353350
3/4	400	50	353400
7/8	250	50	353450
1	200	50	353500

Through Hardened SAE Flat Washer Medium Carbon , Zinc&Yellow , Inch



ASME B 18.21.1-1999
MIL CARB C38-45 SAE

Size	Keg QTY.	Box QTY.	Product Code
1/4	8000	100	381050
5/16	7500	100	381100
3/8	5000	100	381150
7/16	4000	100	381200
1/2	2000	100	381250
9/16	1700	100	381300
5/8	1000	50	381350
3/4	800	50	381400
7/8	600	50	381450
1	400	50	381500

Through Hardened SAE Flat Washer Medium Carbon , Zinc&Yellow , Inch



ASME B 18.21.1-1999
MIL CARB C38-45 SAE
IMPORTED

Size	Keg QTY.	Box QTY.	Product Code
1/4	8000	100	383050
5/16	7500	100	383100
3/8	5000	100	383150
7/16	4000	100	383200
1/2	2000	100	383250
9/16	1700	100	383300
5/8	1000	50	383350
3/4	800	50	383400
7/8	600	50	383450
1	400	50	383500

Please Order By Part Number.

WASHERS

Extra Heavy SAE Flat Washer Medium Carbon , Zinc&Yellow , Inch



MIL-CARB EXTRA HEAVY
DOMESTIC

Size	Keg QTY.	Box QTY.	Product Code
1/4	5700	100	389050
5/16	5000	100	389100
3/8	3100	100	389150
7/16	2400	100	389200
1/2	1200	100	389250
9/16	900	100	389300
5/8	700	50	389350
3/4	600	50	389400
7/8	300	50	389450
1	200	50	389500

Through-Hardened Lock Washer Medium Carbon , Black , Inch



1060 STEEL ROCKWELL C38-46
ASME B18.21.1-1999

Size	Keg QTY.	Box QTY.	Product Code
1-1/8	300	25	342550
1-1/4	200	25	342600
1-3/8	150	10	342650
1-1/2	120	10	342700

Through Hardened USS Flat Washer Medium Carbon , Black , Inch



ASME B18.21.1-1999
MIL CARB C38-45 USS

Size	Keg QTY.	Box QTY.	Product Code
1-1/8	200	25	352550
1-1/4	150	25	352600
1-3/8	150	10	352650
1-1/2	125	10	352700

Through Hardened USS Flat Washer Medium Carbon , Black , Inch



ASME B18.22.1-1965
MIL-CARB USS
IMPORTED

Size	Keg QTY.	Box QTY.	Product Code
1-1/8	200	25	354550
1-1/4	150	25	354600
1-3/8	150	10	354650
1-1/2	125	10	354700

Through Hardened SAE Flat Washer Medium Carbon , Black , Inch



ASME B 18.21.1-1999
MIL CARB C38-45 SAE

Size	Keg QTY.	Box QTY.	Product Code
1-1/8	350	25	382550
1-1/4	250	25	382600
1-3/8	200	10	382650
1-1/2	175	10	382700
1-3/4	120	10	382750
2	100	10	382800

Through Hardened SAE Flat Washer Medium Carbon , Black , Inch



ASME B18.22.1-1965
MIL-CARB SAE

Size	Keg QTY.	Box QTY.	Product Code
1-1/8	350	25	384550
1-1/4	250	25	384600
1-3/8	200	10	384650
1-1/2	175	10	384700

WASHERS

Hi Collar Lock Washer Medium Carbon , Plain , Inch



ASME/ANSI B18.21.1 -1999
1060 STEEL

Size	Keg QTY.	Box QTY.	Product Code
#4	7500	100	013004
#5	7500	100	013006
#6	20000	100	013008
#8	10000	100	013010
#10	75000	100	013012
1/4	27500	100	013014
5/16	17500	100	013016
3/8	10000	100	013018
7/16	6500	100	013020
1/2	4500	50	013022
5/8	2500	50	013024
3/4	1375	50	013026
7/8	900	25	013028
1	650	25	013030
1-1/4	450	10	013032
1-1/2	225	10	013034

Through Hardened USS Flat Washer Medium Carbon , Zinc , Inch



ASME B18.21.1-1999
MIL CARB C38-45 USS

Size	Keg QTY.	Box QTY.	Product Code
1/4	6000	100	850050
5/16	4000	100	850100
3/8	3000	100	850150
7/16	1500	100	850200
1/2	1000	100	850250
9/16	800	100	850300
5/8	500	50	850350
3/4	400	50	850400
7/8	250	50	850450
1	200	50	850500

Through Hardened SAE Flat Washer Medium Carbon , Zinc , Inch



ASME B18.21.1-1999
MIL CARB C38-45 SAE

Size	Keg QTY.	Box QTY.	Product Code
1/4	8000	100	852050
5/16	7500	100	852100
3/8	5000	100	852150
7/16	4000	100	852200
1/2	2000	100	852250
9/16	1700	100	852300
5/8	1000	50	852350
3/4	800	50	852400
7/8	600	50	852450
1	400	50	852500

F436 Flat Washer Medium Carbon , Mechanical Zinc , Inch



ASTM F436 TYPE 1 CIRCULAR
MECHANICAL ZINC TO ASTM A153 CLASS C

Size	Keg QTY.	Box QTY.	Product Code
1/4	10000	100	387050
5/16	7500	100	387100
3/8	5000	100	387150
7/16	3000	100	387200
1/2	2000	100	387250
9/16	1700	100	387300
5/8	1200	50	387350
3/4	800	50	387400
7/8	600	50	387450
1	400	50	387500
1-1/8	300	25	387550
1-1/4	250	25	387600
1-3/8	200	10	387650
1-1/2	175	10	387700

Please Order By Part Number.

WASHERS

Heat-Treated Lock Washer Medium Carbon , Zinc , Inch



ASME B18.21.1-1999

Size	Keg QTY.	Box QTY.	Product Code
1/4	15000	100	851050
5/16	12500	100	851100
3/8	8000	100	851150
7/16	5500	100	851200
1/2	3750	100	851250
9/16	2500	100	851300
5/8	2000	50	851350
3/4	1250	50	851400
7/8	750	50	851450
1	500	50	851500

F436 Flat Washer Medium Carbon , Plain , Inch



ASTM F436 TYPE 1 CIRCULAR

Size	Keg QTY.	Box QTY.	Product Code
1/4	10000	100	386050
5/16	7500	100	386100
3/8	5000	100	386150
7/16	3000	100	386200
1/2	2000	100	386250
9/16	1700	100	386300
5/8	1200	50	386350
3/4	800	50	386400
7/8	600	50	386450
1	400	50	386500
1-1/8	300	25	386550
1-1/4	250	25	386600
1-3/8	200	10	386650
1-1/2	175	10	386700

Through Hardened USS Flat Washer Medium Carbon , Zinc&Blue , Metric



ANSI B-18.22M

Size	Keg QTY.	Box QTY.	Product Code
M5	10000	100	371040
M6	6000	100	371060
M8	3500	100	371080
M10	2500	100	371100
M12	1000	100	371120
M14	700	100	371140
M16	500	50	371160
M20	350	50	371200
M24	200	25	371240

Through Hardened Flat Washer Medium Carbon , Plain , Metric



ASME B18.22M-1981 NARROW

Size	Keg QTY.	Box QTY.	Product Code
M30	200	25	372300
M36	200	25	372360

Through Hardened Lock Washer Medium Carbon , Zinc&Blue , Metric



DIN 127B 1060 STEEL C44-51

Size	Keg QTY.	Box QTY.	Product Code
M5	25000	100	361040
M6	25000	100	361060
M8	12500	100	361080
M10	8000	100	361100
M12	5500	100	361120
M14	3750	100	361140
M16	2500	50	361160
M20	1250	50	361200
M24	500	25	361240

WASHERS

Flat Washer Stainless(A-2), Metric



ANSI B18.22M

Size	Keg QTY.	Box QTY.	Product Code
M5	5000	100	835040
M6	1500	100	835060
M8	7400	100	835080
M10	7300	100	835100
M12	3800	100	835120
M14	2500	100	835140
M16	1350	50	835160
M20	1100	50	835200
M24	700	25	835240

Lock Washer Stainless(A-2), Metric



DIN 127 B

Size	Keg QTY.	Box QTY.	Product Code
M5	8000	100	836040
M6	6000	100	836060
M8	6000	100	836080
M10	4000	100	836100
M12	3000	100	836120
M14	2500	100	836140
M16	1500	50	836160
M20	1000	50	836200
M24	400	25	836240

Flat Washer 18-8 Stainless Steel, Inch



ANSI B18.22.1
PASSIVATED

Size	Keg QTY.	Box QTY.	Product Code
1/4 X 5/8	15000	100	752012
1/4 X 3/4	6000	100	752018
5/16 X 5/8	10000	100	752024
5/16 X 3/4	10000	100	752030
5/16 X 7/8	8000	100	752036
5/16 X 1	6000	100	752042
3/8 X 3/4	10000	100	752048
3/8 X 7/8	5000	100	752054
3/8 X 1	5000	100	752060
7/16 X 1-1/8	3000	100	752066
1/2 X 1-1/4	2500	100	752072
5/8 X 1-1/2	1500	50	752078
3/4 X 1-3/4	1000	50	752084
7/8 X 2	500	50	752090
1 X 2	500	50	752006

Flat Washer 316 Stainless Steel, Inch



ANSI B18.22.1
316 STAINLESS
PASSIVATED

Size	Keg QTY.	Box QTY.	Product Code
1/4 X 5/8	15000	100	751018
1/4 X 11/16	10000	100	751024
5/16 X 3/4	10000	100	751030
3/8 X 7/8	5000	100	751036
3/8 X 1	5000	100	751042
1/2 X 1-1/4	2500	100	751048
5/8 X 1-1/2	1500	50	751054
3/4 X 1-3/4	1000	50	751060
7/8 X 2	500	50	751066
7/8 X 2-1/4	400	50	751072
1 X 2	500	50	751006
1 X 2-1/2	300	50	751012

Please Order By Part Number.

WASHERS

Flat Washer Machine Screw Stainless 18-8, Inch



ANSI B18.22.1
PASSIVATED

Size	Keg QTY.	Box QTY.	Product Code
2	20000	100	753006
4	10000	100	753012
6	80000	100	753018
8	50000	100	753024
10	35000	100	753030
1/4	12000	100	753036

Medium Split Lock Washer Stainless 18-8, Inch



ASME B18.21.1
PASSIVATED

Size	Keg QTY.	Box QTY.	Product Code
2	20000	100	754006
4	10000	100	754012
6	80000	100	754018
8	50000	100	754024
10	35000	100	754036
12	20000	100	754042
1/4	12000	100	754048
5/16	6500	100	754054
3/8	4000	100	754060
7/16	2500	100	754066
1/2	2000	100	754072
5/8	1000	50	754078
3/4	600	50	754084
7/8	400	50	754090
1	250	50	754030

Medium Split Lock Washer Stainless 316, Inch



ASME B18.21.1
PASSIVATED

Size	Keg QTY.	Box QTY.	Product Code
2	20000	100	755006
4	10000	100	755012
6	80000	100	755018
8	50000	100	755024
10	35000	100	755030
1/4	12000	100	755036
5/16	6500	100	755042
3/8	4000	100	755048
1/2	2000	100	755054
5/8	1000	50	755060
3/4	600	50	755066

Heat-Treated Lock Washer Alloy, Zinc-Yellow, Inch



4037 STEEL ROCKWELL C38-46
ASME B18.21.1-1999

Size	Keg QTY.	Box QTY.	Product Code
1/4	15000	100	341050
5/16	12500	100	341100
3/8	8000	100	341150
7/16	5500	100	341200
1/2	3750	100	341250
9/16	2500	100	341300
5/8	2000	50	341350
3/4	1250	50	341400
7/8	750	50	341450
1	500	50	341500