



Marmon/Keystone






# Tube Pipe Bar



A Marmon | Berkshire Hathaway Company



## Stainless Bar

AISA GRADE	Specifications				Typical Mechanical Properties					Size Range - Inches				
	AMS	ASTM	ASME	QQS	Tensile 10 <sup>(3)</sup> P.S.I	Yield 10 <sup>(3)</sup> P.S.I .2% Offset	Elongation % 2 in.	Reduction in Area %	Hardness Brinell	 Rounds	 Hex.	 Square	 Flats	 Angles
303 (S30300)	5640	A-484 A-582	-	764	90	35	50	55	160	3/16" to 10"	3/16" to 2 1/2"	3/16" to 2 1/2"	T 1/8"-2" W 1/2"-4"	-
304/304L	5638 5647	A-182 A-193 A-479 A-484	SA-182 SA-193 SA-479	763	85	35	60	70	170	3/16" to 10"	3/16" to 2 1/2"	3/16" to 2 1/2"	T 1/8"-2" W 1/2"-6" W 3/4"-4"	T 1/8"-1/2" W 3/4"-4"
316/316L	5648 5653	A-182 A-193 A-479	SA-182 SA-193 SA-479	763	80	35	55	65	170	3/16" to 9"	3/16" to 2 1/2"	3/16" to 2 1/2"	T 1/8"-2" W 1/2"-6" W 3/4"-4"	T 1/8"-1/2" W 3/4"-4"
17Cr-4Ni Cond. A	2303 5643	A-564 (type 630)	SA-564 (type 630)	-	-	-	-	-	332	5/8" to 8"	-	-	-	-
17Cr-4Ni H1150	5643 2303	A-564 (type 630)	SA-564 (type 630)	-	160	145	15	-	311	5/8" to 7 1/2"	-	-	-	-
17Cr-4Ni Double-Aged H1150	5643 2303	A-564 (type 630) API 6A NACE MR 0175	SA-564 (type 630)	-	130	105	16	50	310	7/8" to 7"	-	-	-	-

Other grades and sizes available upon request. The listed specification information is for general use only. Please contact your local Marmon/Keystone branch for details.

## Stainless Round Bar Finishes Tolerances

Finish	Size Range	Diameter Tolerance	Surface Finish	Straightness Tolerance	Marmon/Keystone Inventory
Cold Finished (Cold Drawn Centerless Ground or Smooth Turned)	.125-.312" .3125-.489" .500-.999 1.000-1.499 1.500-4.000	+/- .001 +/- .0015 +/- .002 +/- .0025 +/- .003	32RMS to 55RMS	1/16" in 5'	1/8" through 3" diameter
Rough Turned	2.001-2.500 2.501-3.500 3.501-4.500 4.501-5.500 5.501-6.500 6.501-8.000	+.032/- .000 +.047/- .000 +.063/- .000 +.078/- .000 +.125/- .000 +.156/- .000	125RMS	1/8" in 5'	Over 3"

\*Straightness below .500" will vary

Stainless steel bars are designed to withstand harsh environments, including exposure to chemicals, high temperatures, and moisture, without losing their integrity or performance. This makes them a preferred choice for industries where maintenance needs to be minimized and long-term cost efficiency is essential.

Marmon/Keystone supplies a wide variety of grades, shapes, and finishes for each nuanced application and design. Our customers transform stainless-steel raw material into highly complex components for sophisticated manufacturing equipment. With a strong focus on customer satisfaction, Marmon Keystone provides tailored solutions to manage bar supply chains, across various sectors.



Scan this QR code to view our full line of in stock products or see our catalog at [marmonkeystone.com](http://marmonkeystone.com)

## Cold Drawn Hexes & Squares Tolerances

Cold Drawn Hexes and Squares (ASTM A-484)

Size	Over (+)	Under (-)
1/8" to 5/16", excl.	0	.002
5/16" to 1/2", excl.	0	.003
1/2" to 1", incl.	0	.004
Over 1" to 2", incl.	0	.006

## Stainless Flat Bar Tolerances

Hot Rolled Flats - Rolled as Bars (ASTM A-484)

Width	Thickness Tolerance				Width Tolerance	
	1/8" to 1/2" incl		>1/2"x 1" incl		>1"x 2" incl	
To 1", incl.	+	-	+	-	+	-
>1" to 2" incl.	.008	.008	.010	.010	.031	.031
>2" to 4" incl.	.012	.012	.015	.015	.031	.031
>4" to 6"	.015	.015	.020	.020	.031	.031
					.062	.031
					.093	.062

\*Select sizes can be available as sheared and edged.

**Marmon/Keystone delivers!**