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Bar and Angle Rolling Capabilities

SECTION	DESCRIPTION	MINIMUM DIAMETER
ANGLE - EASY WAY	Max. - 5" X 5" X 1/2" OR 6" X 4" X 3/8"	63" ID
	Min. - 1-1/2" x 1-1/2" x 1/4"	32" ID
ANGLE - HARD WAY	Max. - 4" X 4" X 5/8" OR 5" X 3" X 3/8"	80" ID
	Min. - 1-1/2" x 1-1/2" x 1/4"	36" ID
PIPE	3/4" Schedule 10S and Schedule 40S	16" CL
	3/4" Schedule 80S	18" CL
	3/4" Schedule 160S	20" CL
	1" Schedule 10S and Schedule 40S	17" CL
	1" Schedule 80S	20" CL
	1" Schedule 160S	22" CL
	1-1/4" Schedule 10S and Schedule 40S	18" CL
	1-1/4" Schedule 80S	22" CL
	1-1/4" Schedule 160S	24" CL
	1-1/2" Schedule 10S and Schedule 40S	20" CL
	1-1/2" Schedule 80S	24" CL
	1-1/2" Schedule 160S	27" CL
	2" Schedule 10S and Schedule 40S	24" CL
	2" Schedule 80S	27" CL
	2" Schedule 160S	30" CL
	2-1/2" Schedule 10S and Schedule 40S	30" CL
	2-1/2" Schedule 80S	36" CL
	2-1/2" Schedule 160S	42" CL
	3" Schedule 10S and Schedule 40S	36" CL
	3" Schedule 80S	48" CL
3" Schedule 160S	60" CL	
4" Schedule 10S and Schedule 40S	50" CL	
4" Schedule 80S	96" CL	
ROUND BAR	Max. - 3" Diameter	30" ID
	Min. - 1/2" Diameter	16" ID
SQUARE BAR	Max. - 2-1/2" x 2-1/2"	40" ID
	Min. - 1/2" x 1/2"	16" ID
FLAT BAR - EASY WAY	Max. - 8" x 1-1/2" or 5" x 2"	32" ID
	Min. - 1" X 1/2"	16" ID
FLAT BAR- HARD WAY	Max. - 5" x 3/4" or 6" x 1/2"	50" ID
	Min. - 1/2" x 1/4" Up to 3" x 1-1/2"	18" ID
CHANNEL - EASY WAY	Max. - 10" x 2-5/8" @ 30.0#	70" ID
	Min. - 3" x 1-1/2" @ 4.1#	30" ID
CHANNEL - HARD WAY	Max. - 10" x 2-5/8" @ 30.0#	70" ID
	Min. - 3" x 1-1/2" @ 4.1#	30" ID

Available Materials

Stainless steel

- 300 series: 304/304L, 316/316L, 317/317L, 304H, 309S, 310S, 347
- 400 series: 409, 410, 410S, 430
- 200 series: 201, 201L
- Duplex: 2205, 2507, 2101

Alloys

- Pure Nickel: 200, 201
- Monel®: 400, 401
- Inconel®: 600, 601, 625
- Incoloy®: 800, 800H, 825
- Hastelloy®: C-276, C-22®, C-2000®, B, B-2, B-3®, G, G-3, G-30®
- Nickel Alloy: Alloy 20, 20Cb3®, 904L
- 6-Moly: AL-6XN®, 254SMO®, 926-MO®, 1925hMO®, SSC-6MO, 25-6MO

Reactive/Exotic

- Titanium: Grades 1, 2, 3, 7, 12
- Zirconium: Grades 702, 705

Maximum Sectional Modulus Forming Capacity = $(w^2 \times t)/6 = 3.20 \text{ in.}^3$

Maximum Width To Thickness Ratio of Flat Bar Formed Hard Way Is 12X

For Alloy Materials—Please Call

To learn more

Visit our website: www.cmc-letco.com
 Call us: (417) 831-1528
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