

HIGH SPEED STEEL TAPER SHANK BRIDGE REAMERS

ICS WIS

HEAVY DUTY

RIGHT HAND CUT

LONG BODY

LEFT HAND FLUTE



STRAIGHT FLUTE



HELICAL FLUTE

High Speed Steel Taper Shank Bridge Reamers are designed for use in structural steel fabrication bridge work and ship construction to line up bolt and rivet holes. The front portion of the reamer is tapered at approximately 1" in 10 and the balance of the flute is parallel. They can be used in portable electric or pneumatic equipment. NOTE: Because of the heavy duty work involved, some sizes have larger Morse taper shanks than is usual for the diameter. These tools are also referred to as Boilermaker's Reamers, Rivet Hole Reamers, Aligning Reamers, or Construction Taper Reamers.

SIZE	DIA.		FLUTE LENGTH	OVERALL LENGTH	MORSE TAPER SHANK	FLUTE	
	DEC. EQUIV	AT POINT				STRAIGHT	HELICAL
						BRSF	BRHF
5/16	.3125	11/64	4-3/8	8-1/4	2	34.86	34.86
3/8	.3750	7/32	4-3/8	8-1/4	2	34.86	34.86
13/32	.4062	7/32	5-1/8	8-1/4	2	34.86	34.86
7/16	.4375	17/64	4-3/8	8-1/4	2	39.12	39.12
15/32	.4688	9/32	5-1/8	8-1/4	2	39.40	39.40
1/2	.5000	5/16	5-1/8	9	2	39.12	39.12
17/32	.5312	11/32	5-1/8	9	2	41.14	41.14
9/16	.5625	3/8	5-1/8	9	2	41.64	41.64
5/8	.6250	25/64	6-1/8	10	2	50.46	50.46
11/16	.6875	13/32	7-1/8	11-3/4	3	60.64	60.64
3/4	.7500	15/32	7-3/8	12	3	65.12	65.12
13/16	.8125	35/64	7-3/8	12	3	70.74	70.74
7/8	.8750	39/64	7-3/8	12	3	78.50	78.50
15/16	.9375	43/64	7-3/8	12	3	80.88	80.88
1	1.0000	47/64	7-3/8	12	3	89.70	89.70
1-1/16	1.0625	13/16	7-3/8	12	3	98.74	98.74

SIZE	DIA.		FLUTE LENGTH	OVERALL LENGTH	MORSE TAPER SHANK	FLUTE	
	DEC. EQUIV	AT POINT				STRAIGHT	HELICAL
						BRSF	BRHF
1-1/8	1.1250	55/64	7-3/8	12	3	109.96	109.96
1-3/16	1.1875	59/64	7-3/8	12	3	122.26	122.26
1-1/4	1.2500	63/64	7-3/8	13	4	135.96	135.96
1-5/16	1.3125	1-1/16	7-3/8	13	4	148.14	148.14
1-3/8	1.3750	1-1/8	7-3/8	13	4	154.00	154.00
1-7/16	1.4375	1-3/16	7-3/8	13	4	165.82	165.82
1-1/2	1.5000	1-1/4	7-3/8	13	4	187.34	187.34
1-9/16	1.5625	1-1/4	7-3/8	13	4	269.24	269.24
1-5/8	1.6250	1-1/4	7-3/8	13	4	269.24	269.24
1-11/16	1.6875	1-3/8	7-3/8	13	4	287.18	287.18
1-3/4	1.7500	1-3/8	7-3/8	13	4	323.08	323.08
1-13/16	1.8125	1-7/16	7-3/8	13	4	341.02	341.02
1-7/8	1.8750	1-1/2	7-3/8	13	4	358.98	358.98
1-15/16	1.9375	1-1/2	7-3/8	13	4	376.96	376.96
2	2.0000	1-3/4	7-3/8	13	4	394.90	394.90
2-1/16	2.0625	1-13/16	7-3/8	13	4	-	452.02

Larger sizes are available. Inquire for quote.

HIGH SPEED STEEL ROUND SHANK BRIDGE REAMERS

ICS WIS

HEAVY DUTY

RIGHT HAND CUT

STRAIGHT SHANK

LEFT HAND FLUTE



HELICAL FLUTE

High Speed Steel Round Shank Bridge Reamers are designed for lining up holes in structural steel fabrication bridgework, ship construction, automotive maintenance, and railroad car manufacture. The front portion of the reamer is tapered at approximately 1" in 10 and the balance of the flute is parallel. Can be used with any 1/2" 3 jaw power tool. Round Shank design helps prevent "whip" caused by tool snagging or binding.

SIZE	SHANK DIA.	DIA.		SHANK LENGTH	STRAIGHT SHANK
		AT POINT	FLUTE LENGTH		
7/16	1/2	17/64	4-3/8	1-1/2	45.14
1/2	1/2	5/16	5-1/8	1-1/2	49.74
9/16	1/2	3/8	5-1/8	1-1/2	51.94
5/8	1/2	25/64	6-1/8	1-1/2	58.72
11/16	1/2	13/32	7-1/8	1-1/2	69.08
3/4	1/2	15/32	7-3/8	1-1/2	73.66
13/16	1/2	35/64	7-3/8	1-1/2	73.66
7/8	1/2	39/64	7-3/8	1-1/2	80.54
15/16	1/2	43/64	7-3/8	1-1/2	82.78

SIZE	SHANK DIA.	DIA.		SHANK LENGTH	STRAIGHT SHANK
		AT POINT	FLUTE LENGTH		
1	1/2	47/64	7-3/8	1-1/2	91.10
1-1/16	1/2	13/16	7-3/8	1-1/2	99.62
1-1/8	*1/2	55/64	7-3/8	1-1/2	110.12
1-3/16	*1/2	59/64	7-3/8	1-1/2	121.68
1-1/4	*1/2	63/64	7-3/8	1-1/2	134.76
1-5/16	*1/2	1-1/16	7-3/8	1-1/2	152.78
1-3/8	*1/2	1-1/8	7-3/8	1-1/2	164.32
1-7/16	*1/2	1-3/16	7-3/8	1-1/2	175.90
1-1/2	*1/2	1-1/4	7-3/8	1-1/2	196.96

* Optional 3/4" Dia. Shank

Note: If work space is limited, consider using car reamers or tower bolt reamers to do the same job.