


HIGH SPEED STEEL

TAPER SHANK (UNDERSIZE SHANK) DRILLS

ICS USA

GENERAL PURPOSE

118° POINT

ITEM NO.	ILLUSTRATION	CUTTING APPLICATION	STEEL SPECS	TECHNICAL DATA
TSD-US	 OXIDE FINISH	Taper shank drills with shank one size smaller than usual for use in undersize drilling spindles where there is not sufficient room to accommodate an extension socket.	M2	118° Point Std. Spiral Std. Web

Fractional Sizes (Undersize MT Shank) 31/64 To 4" Dia.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	HSS
				OXIDE FINISH 118° PT
#1 MT SHANK				TSD-US
31/64	.4844	4-3/8	7-3/4	\$29.92
1/2	.5000	4-3/8	7-3/4	28.72
33/64	.5156	4-5/8	8	33.16
17/32	.5312	4-5/8	8	33.16
35/64	.5469	4-7/8	8-1/4	35.44
9/16	.5625	4-7/8	8-1/4	36.24
37/64	.5781	4-7/8	8-1/4	43.34
#2 MT SHANK				
51/64	.7969	6-1/8	10	64.90
13/16	.8125	6-1/8	10	64.90
53/64	.8281	6-1/8	10	69.06
27/32	.8438	6-1/8	10	69.06
55/64	.8594	6-1/8	10	72.04
7/8	.8750	6-1/8	10	71.40
57/64	.8906	6-1/8	10	74.26
29/32	.9062	6-1/8	10	74.26
15/16	.9375	6-1/8	10-1/4	97.92
1	1.0000	6-1/4	10-1/8	77.28
#3 MT SHANK				
1-5/64	1.0781	6-7/8	11-1/2	114.92
1-3/32	1.0938	6-7/8	11-1/2	109.48
1-7/64	1.1094	7-1/8	11-3/4	116.60
1-1/8	1.1250	7-1/8	11-3/4	113.80
1-9/64	1.1406	7-1/4	11-7/8	123.76
1-5/32	1.1562	7-1/4	11-7/8	123.76
1-11/64	1.1719	7-3/8	12	128.02
1-3/16	1.1875	7-3/8	12	126.46
1-13/64	1.2031	7-1/2	12-1/8	137.36
1-7/32	1.2188	7-1/2	12-1/8	135.80
1-15/64	1.2344	7-7/8	12-1/2	149.64
1-1/4	1.2500	7-7/8	12-1/2	148.96
1-5/16	1.3125	8-5/8	13-1/4	163.52
1-3/8	1.3750	8-7/8	13-1/2	174.72
1-7/16	1.4375	9-1/8	13-3/4	187.72
1-1/2	1.5000	9-3/8	14	209.44
#4 MT SHANK				
1-33/64	1.5156	9-3/8	15	241.14
1-17/32	1.5312	9-3/8	15	238.34
1-35/64	1.5469	9-5/8	15-1/4	256.58
1-9/16	1.5625	9-5/8	15-1/4	255.12
1-37/64	1.5781	9-7/8	15-1/2	272.66
1-19/32	1.5938	9-7/8	15-1/2	272.66
1-39/64	1.6094	10	15-5/8	283.20
1-5/8	1.6250	10	15-5/8	278.86

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	HSS
				OXIDE FINISH 118° PT
#4 MT SHANK				TSD-US
1-41/64	1.6406	10-1/8	15-3/4	\$305.20
1-21/32	1.6562	10-1/8	15-3/4	303.86
1-43/64	1.6719	10-1/8	15-3/4	316.86
1-11/16	1.6875	10-1/8	15-3/4	302.34
1-45/64	1.7031	10-1/8	15-3/4	326.38
1-23/32	1.7188	10-1/8	15-3/4	311.08
1-47/64	1.7344	10-3/8	16-1/4	323.64
1-3/4	1.7500	10-3/8	16-1/4	315.20
1-25/32	1.7812	10-3/8	16-1/4	334.04
1-13/16	1.8125	10-3/8	16-1/4	334.56
1-27/32	1.8438	10-3/8	16-1/4	346.76
1-7/8	1.8750	10-1/2	16-1/2	361.20
1-57/64	1.8906	10-1/2	16-1/2	375.66
1-29/32	1.9062	10-1/2	16-1/2	372.76
1-15/16	1.9375	10-5/8	16-5/8	382.78
1-31/32	1.9688	10-5/8	16-5/8	389.90
2	2.0000	10-5/8	16-5/8	394.58
2-1/32	2.0312	10-3/8	16-1/4	410.94
2-1/16	2.0625	10-1/4	16-1/4	413.28
2-3/32	2.0938	10-1/4	16-1/4	435.68
2-1/8	2.1250	10-1/4	16-1/4	435.68
2-5/32	2.1562	10-1/4	16-1/4	464.80
2-3/16	2.1875	10-1/4	16-1/4	474.88
2-7/32	2.2188	10-1/8	16-1/4	487.76
2-1/4	2.2500	10-1/8	16-1/8	492.70
2-5/16	2.3150	10-1/8	16-1/8	525.78
2-3/8	2.3750	10-1/8	16-1/8	548.30
2-7/16	2.4375	11-1/4	17-1/4	693.28
2-1/2	2.5000	11-1/4	17-1/4	712.10
2-5/8	2.6250	11-7/8	18	806.40
2-3/4	2.7500	12-3/4	19-1/8	890.40
#5 MT SHANK				
3-1/16	3.0625	14-1/4	22	1590.40
3-1/8	3.1250	14-1/4	22	1660.96
3-3/16	3.1875	14-1/4	22	1677.76
3-1/4	3.2500	15-1/4	23	1677.76
3-5/16	3.3125	15-1/4	23	1960.00
3-3/8	3.3750	15-1/4	23	2072.00
3-7/16	3.4375	15-1/4	23	2228.80
3-1/2	3.5000	16-1/4	24	2408.00
3-5/8	3.6250	16-1/4	24	2688.00
3-3/4	3.7500	16-1/4	25-5/8	3259.20
3-7/8	3.8750	16-1/2	29	3808.00
4	4.0000	16-1/2	29	4149.60

NOTE

Letter and number size taper shank drills are available upon request.