


# HIGH SPEED STEEL TAPER SHANK (UNDERSIZE SHANK) DRILLS

ICS USA

GENERAL PURPOSE

118° POINT

ITEM NO.	ILLUSTRATION	CUTTING APPLICATION	STEEL SPECS	TECHNICAL DATA
<b>TSD-US</b>	 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	ITEM NO.	PRICE
<b>#1 MT SHANK</b>					
31/64	.4844	4-3/8	7-3/4	TSD-US031	31.42
1/2	.5000	4-3/8	7-3/4	TSD-US032	30.16
33/64	.5156	4-5/8	8	TSD-US033	34.82
17/32	.5312	4-5/8	8	TSD-US034	34.82
35/64	.5469	4-7/8	8-1/4	TSD-US035	37.22
9/16	.5625	4-7/8	8-1/4	TSD-US036	38.06
37/64	.5781	4-7/8	8-1/4	TSD-US037	45.52
<b>#2 MT SHANK</b>					
51/64	.7969	6-1/8	10	TSD-US051	68.16
13/16	.8125	6-1/8	10	TSD-US052	68.16
53/64	.8281	6-1/8	10	TSD-US053	72.52
27/32	.8438	6-1/8	10	TSD-US054	72.52
55/64	.8594	6-1/8	10	TSD-US055	75.64
7/8	.8750	6-1/8	10	TSD-US056	74.98
57/64	.8906	6-1/8	10	TSD-US057	77.98
29/32	.9062	6-1/8	10	TSD-US058	77.98
15/16	.9375	6-1/8	10-1/4	TSD-US060	-
1	1.0000	6-1/4	10-1/8	TSD-US100	81.14
<b>#3 MT SHANK</b>					
1-5/64	1.0781	6-7/8	11-1/2	TSD-US105	120.68
1-3/32	1.0938	6-7/8	11-1/2	TSD-US106	114.96
1-7/64	1.1094	7-1/8	11-3/4	TSD-US107	122.44
1-1/8	1.1250	7-1/8	11-3/4	TSD-US108	119.50
1-9/64	1.1406	7-1/4	11-7/8	TSD-US109	129.96
1-5/32	1.1562	7-1/4	11-7/8	TSD-US110	129.96
1-11/64	1.1719	7-3/8	12	TSD-US111	134.42
1-3/16	1.1875	7-3/8	12	TSD-US112	132.78
1-13/64	1.2031	7-1/2	12-1/8	TSD-US113	144.24
1-7/32	1.2188	7-1/2	12-1/8	TSD-US114	142.60
1-15/64	1.2344	7-7/8	12-1/2	TSD-US115	157.12
1-1/4	1.2500	7-7/8	12-1/2	TSD-US116	156.42
1-5/16	1.3125	8-5/8	13-1/4	TSD-US120	171.70
1-3/8	1.3750	8-7/8	13-1/2	TSD-US124	183.46
1-7/16	1.4375	9-1/8	13-3/4	TSD-US128	197.12
1-1/2	1.5000	9-3/8	14	TSD-US132	219.92
<b>#4 MT SHANK</b>					
1-33/64	1.5156	9-3/8	15	TSD-US133	253.20
1-17/32	1.5312	9-3/8	15	TSD-US134	250.26
1-35/64	1.5469	9-5/8	15-1/4	TSD-US135	269.42
1-9/16	1.5625	9-5/8	15-1/4	TSD-US136	267.88
1-37/64	1.5781	9-7/8	15-1/2	TSD-US137	286.30
1-19/32	1.5938	9-7/8	15-1/2	TSD-US138	286.30
1-39/64	1.6094	10	15-5/8	TSD-US139	297.36
1-5/8	1.6250	10	15-5/8	TSD-US140	292.80

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	ITEM NO.	PRICE
<b>#4 MT SHANK</b>					
1-41/64	1.6406	10-1/8	15-3/4	TSD-US141	320.46
1-21/32	1.6562	10-1/8	15-3/4	TSD-US142	319.06
1-43/64	1.6719	10-1/8	15-3/4	TSD-US143	332.70
1-11/16	1.6875	10-1/8	15-3/4	TSD-US144	317.46
1-45/64	1.7031	10-1/8	15-3/4	TSD-US145	342.70
1-23/32	1.7188	10-1/8	15-3/4	TSD-US146	326.64
1-47/64	1.7344	10-3/8	16-1/4	TSD-US147	339.82
1-3/4	1.7500	10-3/8	16-1/4	TSD-US148	330.96
1-25/32	1.7812	10-3/8	16-1/4	TSD-US150	350.74
1-13/16	1.8125	10-3/8	16-1/4	TSD-US152	351.30
1-27/32	1.8438	10-3/8	16-1/4	TSD-US154	364.10
1-7/8	1.8750	10-1/2	16-1/2	TSD-US156	379.26
1-57/64	1.8906	10-1/2	16-1/2	TSD-US157	394.44
1-29/32	1.9062	10-1/2	16-1/2	TSD-US158	391.40
1-15/16	1.9375	10-5/8	16-5/8	TSD-US160	401.92
1-31/32	1.9688	10-5/8	16-5/8	TSD-US162	409.40
2	2.0000	10-5/8	16-5/8	TSD-US200	414.32
2-1/32	2.0312	10-3/8	16-1/4	TSD-US202	431.50
2-1/16	2.0625	10-1/4	16-1/4	TSD-US204	433.94
2-3/32	2.0938	10-1/4	16-1/4	TSD-US206	457.46
2-1/8	2.1250	10-1/4	16-1/4	TSD-US208	457.46
2-5/32	2.1562	10-1/4	16-1/4	TSD-US210	488.04
2-3/16	2.1875	10-1/4	16-1/4	TSD-US212	498.62
2-7/32	2.2188	10-1/8	16-1/4	TSD-US214	512.16
2-1/4	2.2500	10-1/8	16-1/8	TSD-US216	517.34
2-5/16	2.3150	10-1/8	16-1/8	TSD-US220	552.08
2-3/8	2.3750	10-1/8	16-1/8	TSD-US224	575.72
2-7/16	2.4375	11-1/4	17-1/4	TSD-US228	727.94
2-1/2	2.5000	11-1/4	17-1/4	TSD-US232	747.70
2-5/8	2.6250	11-7/8	18	TSD-US240	846.72
2-3/4	2.7500	12-3/4	19-1/8	TSD-US248	934.92
<b>#5 MT SHANK</b>					
3-1/16	3.0625	14-1/4	22	TSD-US304	1669.92
3-1/8	3.1250	14-1/4	22	TSD-US308	1744.02
3-3/16	3.1875	14-1/4	22	TSD-US312	1761.66
3-1/4	3.2500	15-1/4	23	TSD-US316	1761.66
3-5/16	3.3125	15-1/4	23	TSD-US320	2058.00
3-3/8	3.3750	15-1/4	23	TSD-US324	2175.60
3-7/16	3.4375	15-1/4	23	TSD-US328	2340.24
3-1/2	3.5000	16-1/4	24	TSD-US332	2528.40
3-5/8	3.6250	16-1/4	24	TSD-US340	2822.40
3-3/4	3.7500	16-1/4	25-5/8	TSD-US348	3422.16
3-7/8	3.8750	16-1/2	29	TSD-US356	3998.40
4	4.0000	16-1/2	29	TSD-US400	

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