

HIGH SPEED STEEL TAPER SHANK DRILLS

ICS USA

GENERAL PURPOSE

118° POINT

ITEM NO.	ILLUSTRATION	CUTTING APPLICATION	STEEL SPECS	TECHNICAL DATA
TSD-R	 OXIDE FINISH	Taper Shank Drills have a tapered conical shank to fit directly into the tapered holes of drill press spindles, driving sleeves or sockets. They are designed for general purpose drilling in ferrous or non-ferrous metals.	M2	118° Point Std. Spiral Std. Web
TSD-T	 GOLD TITANIUM COATED	Titanium Nitride Coated Taper Shank Drills are designed for high production drilling of ferrous and non-ferrous metals. Titanium Nitride Coating enhances chip flow, finished hole quality and extends life of drill up to 700%.	M2	118° Point Std. Spiral Std. Web

Fractional Sizes (Regular MT Shanks) 1/8 To 1-1/2" Dia.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	HSS		TiN COATED	
				OXIDE FINISH 118° PT	GOLD FINISH 118° PT	TSD-R	TSD-T
#1 MT SHANK							
1/8	.1250	1-7/8	5-1/8	\$13.34	\$ -		
9/64	.1406	2-1/8	5-3/8	13.34	-		
5/32	.1562	2-1/8	5-3/8	13.34	-		
11/64	.1719	2-1/8	5-3/4	13.34	-		
3/16	.1875	2-1/2	5-3/4	10.92	-		
13/64	.2031	2-3/4	6	11.66	-		
7/32	.2188	2-3/4	6	11.66	-		
15/64	.2344	2-7/8	6-1/8	12.88	-		
1/4	.2500	2-7/8	6-1/8	12.46	-		
17/64	.2656	3	6-1/4	12.88	-		
9/32	.2812	3	6-1/4	16.74	-		
19/64	.2969	3-1/8	6-3/8	16.74	-		
5/16	.3125	3-1/8	6-3/8	13.54	-		
21/64	.3281	3-1/4	6-1/2	18.26	-		
11/32	.3438	3-1/4	6-1/2	19.38	-		
23/64	.3594	3-1/2	6-3/4	21.18	-		
3/8	.3750	3-1/2	6-3/4	21.18	-		
25/64	.3906	3-5/8	7	22.06	-		
13/32	.4062	3-5/8	7	21.18	-		
27/64	.4219	3-7/8	7-1/4	22.56	-		
7/16	.4375	3-7/8	7-1/4	23.10	-		
29/64	.4531	4-1/8	7-1/2	25.20	-		
15/32	.4688	4-1/8	7-1/2	26.32	-		
#2 MT SHANK							
31/64	.4844	4-3/8	8-1/4	29.20	67.48		
1/2	.5000	4-3/8	8-1/4	27.72	66.36		
33/64	.5156	4-5/8	8-1/2	31.82	69.60		
17/32	.5312	4-5/8	8-1/2	31.30	69.10		
35/64	.5469	4-7/8	8-3/4	34.72	72.08		
9/16	.5625	4-7/8	8-3/4	33.92	71.44		
37/64	.5781	4-7/8	8-3/4	36.82	73.86		
19/32	.5937	4-7/8	8-3/4	36.30	73.32		
39/64	.6094	4-7/8	8-3/4	38.40	75.26		
5/8	.6250	4-7/8	8-3/4	36.96	74.14		
41/64	.6406	5-1/8	9	42.34	78.54		
21/32	.6562	5-1/8	9	41.00	77.40		
43/64	.6719	5-3/8	9-1/4	45.66	81.14		
11/16	.6875	5-3/8	9-1/4	43.24	79.20		
45/64	.7031	5-5/8	9-1/2	47.34	82.78		
23/32	.7187	5-5/8	9-1/2	45.78	81.36		
47/64	.7344	5-7/8	9-3/4	50.64	85.18		
3/4	.7500	5-7/8	9-3/4	50.64	85.18		
49/64	.7656	6	9-7/8	59.70	93.08		
25/32	.7812	6	9-7/8	59.70	92.82		

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	HSS		TiN COATED	
				OXIDE FINISH 118° PT	GOLD FINISH 118° PT	TSD-R	TSD-T
#3 MT SHANK							
51/64	.7969	6-1/8	10-3/4	\$64.18	\$119.32		
13/16	.8125	6-1/8	10-3/4	60.78	116.00		
53/64	.8281	6-1/8	10-3/4	67.72	121.64		
27/32	.8437	6-1/8	10-3/4	65.60	119.82		
55/64	.8594	6-1/8	10-3/4	70.08	123.66		
7/8	.8750	6-1/8	10-3/4	67.72	121.64		
57/64	.8906	6-1/8	10-3/4	71.66	124.96		
29/32	.9062	6-1/8	10-3/4	71.66	126.30		
59/64	.9219	6-1/8	10-3/4	73.02	127.04		
15/16	.9375	6-1/8	10-3/4	67.72	123.14		
61/64	.9531	6-3/8	11	74.34	128.76		
31/32	.9687	6-3/8	11	74.34	128.34		
63/64	.9844	6-3/8	11	78.32	132.76		
1	1.0000	6-3/8	11	75.60	130.06		
1-1/64	1.0156	6-1/2	11-1/8	86.24	140.00		
1-1/32	1.0312	6-1/2	11-1/8	84.96	137.24		
1-3/64	1.0469	6-5/8	11-1/4	91.60	143.82		
1-1/16	1.0625	6-5/8	11-1/4	87.60	140.00		
#4 MT SHANK							
1-5/64	1.0781	6-7/8	12-1/2	103.20	163.20		
1-3/32	1.0937	6-7/8	12-1/2	100.88	159.84		
1-7/64	1.1094	7-1/8	12-3/4	110.10	166.82		
1-1/8	1.1250	7-1/8	12-3/4	107.50	164.22		
1-9/64	1.1406	7-1/4	12-7/8	116.72	172.54		
1-5/32	1.1562	7-1/4	12-7/8	111.50	167.66		
1-11/64	1.1719	7-3/8	13	118.16	173.66		
1-3/16	1.1875	7-3/8	13	116.78	172.54		
1-13/64	1.2031	7-1/2	13-1/8	123.08	180.82		
1-7/32	1.2187	7-1/2	13-1/8	124.76	179.20		
1-15/64	1.2344	7-7/8	13-1/2	138.06	190.76		
1-1/4	1.2500	7-7/8	13-1/2	131.38	185.20		
1-17/64	1.2656	8-1/2	14-1/8	156.66	280.46		
1-9/32	1.2812	8-1/2	14-1/8	153.44	279.32		
1-19/64	1.2969	8-5/8	14-1/4	167.22	289.36		
1-5/16	1.3125	8-5/8	14-1/4	159.28	281.44		
1-21/64	1.3281	8-3/4	14-3/8	175.20	294.28		
1-11/32	1.3437	8-3/4	14-3/8	167.22	289.36		
1-23/64	1.3594	8-7/8	14-1/2	177.84	297.58		
1-3/8	1.3750	8-7/8	14-1/2	172.48	291.54		
1-25/64	1.3906	9	14-5/8	183.46	303.18		
1-13/32	1.4062	9	14-5/8	183.44	303.18		
1-27/64	1.4219	9-1/8	14-3/4	188.46	307.44		
1-7/16	1.4375	9-1/8	14-3/4	185.42	303.62		
1-29/64	1.4531	9-1/4	14-7/8	199.10	316.00		
1-15/32	1.4687	9-1/4	14-7/8	196.42	314.26		
1-31/64	1.4844	9-3/8	15	204.40	320.48		
1-1/2	1.5000	9-3/8	15	198.24	315.42		