


# COBALT TAPER SHANK DRILLS

ICS USA

HEAVY DUTY

SPLIT POINT

ITEM NO.	ILLUSTRATION	CUTTING APPLICATION	STEEL SPECS	TECHNICAL DATA
<b>TSD-C</b>	 GOLD COBALT FINISH	For drilling in hard steels, stainless steels and other hard materials. The split point is self centering and breaks up chips.	M42	135° Split Point or Notched Point

## Fractional Sizes (Regular & Oversize Shanks) 1/4 To 2" Dia.

COBALT				GOLD FINISH 135° SPLIT PT
DEC. EQUIV. SIZE	FLUTE LENGTH	OVERALL LENGTH		TSD-C
<b>#1 MT SHANK</b>				
1/4	.2500	2-7/8	6-1/8	\$26.98
9/32	.2812	3	6-1/4	30.34
5/16	.3125	3-1/8	6-3/8	30.34
11/32	.3437	3-1/4	6-1/2	35.60
<b>#2 MT SHANK</b>				
3/8	.3750	3-1/2	7-3/8	41.20
13/32	.4062	3-5/8	7-1/2	43.72
7/16	.4375	3-7/8	7-3/4	47.20
15/32	.4687	4-1/8	8	50.52
31/64	.4844	4-3/8	8-1/4	55.80
1/2	.5000	4-3/8	8-1/4	52.30
33/64	.5156	4-5/8	8-1/2	63.96
17/32	.5312	4-5/8	8-1/2	59.40
35/64	.5469	4-7/8	8-3/4	66.90
9/16	.5625	4-7/8	8-3/4	62.12
37/64	.5781	4-7/8	8-3/4	71.00
19/32	.5937	4-7/8	8-3/4	69.10
39/64	.6094	4-7/8	8-3/4	78.26
5/8	.6250	4-7/8	8-3/4	70.68

COBALT				GOLD FINISH 135° SPLIT PT
DEC. EQUIV. SIZE	FLUTE LENGTH	OVERALL LENGTH		TSD-C
<b>#3 MT SHANK</b>				
41/64	.6406	5-1/8	9-3/4	\$89.50
21/32	.6562	5-1/8	9-3/4	80.86
43/64	.6719	5-3/8	10	95.62
11/16	.6875	5-3/8	10	86.40
45/64	.7031	5-5/8	10-1/4	104.28
23/32	.7187	5-5/8	10-1/4	96.00
47/64	.7344	5-7/8	10-1/2	105.86
3/4	.7500	5-7/8	10-1/2	100.16
49/64	.7656	6	10-5/8	113.44
25/32	.7812	6	10-5/8	105.36
51/64	.7969	6-1/8	10-3/4	120.40
13/16	.8125	6-1/8	10-3/4	108.76
53/64	.8281	6-1/8	10-3/4	140.26
27/32	.8437	6-1/8	10-3/4	129.16
55/64	.8594	6-1/8	10-3/4	140.24
7/8	.8750	6-1/8	10-3/4	129.16
57/64	.8906	6-1/8	10-3/4	140.24
29/32	.9062	6-1/8	10-3/4	126.72
59/64	.9219	6-1/8	10-3/4	164.90
15/16	.9375	6-1/8	10-3/4	148.96


COBALT				GOLD FINISH 135° SPLIT PT
DEC. EQUIV. SIZE	FLUTE LENGTH	OVERALL LENGTH		TSD-C
<b>#3 MT SHANK</b>				
61/64	.9531	6-3/8	11	\$186.66
31/32	.9687	6-3/8	11	176.66
63/64	.9844	6-3/8	11	181.54
1	1.0000	6-3/8	11	168.56
<b>#4 MT SHANK</b>				
1-1/32	1.0312	6-1/2	12-1/8	226.20
1-1/16	1.0625	6-5/8	12-1/4	215.96
1-3/32	1.0937	6-7/8	12-1/2	247.34
1-1/8	1.1250	7-1/8	12-3/4	236.36
1-5/32	1.1562	7-1/4	12-7/8	280.66
1-3/16	1.1875	7-3/8	13	267.92
1-7/32	1.2187	7-1/2	13-1/8	319.82
1-1/4	1.2500	7-7/8	13-1/2	311.12
1-5/16	1.3125	8-5/8	15-5/8	373.00
1-3/8	1.3750	8-7/8	15-7/8	401.00
1-7/16	1.4375	9-1/8	16-1/8	474.02
1-1/2	1.5000	9-3/8	16-3/8	509.00
1-5/8	1.6250	10	17	599.00
1-3/4	1.7500	10-1/8	17-1/8	750.00
2	2.0000	10-3/8	17-3/8	915.00

## CARBIDE TIPPED TAPER SHANK DRILLS

ICS USA

SPECIAL PURPOSE

118° POINT

ITEM NO.	ILLUSTRATION	CUTTING APPLICATION	STEEL SPECS	TECHNICAL DATA
<b>CTTSD</b>	 BRIGHT POLISHED FINISH	For production drilling of cast iron, non-ferrous metals, and non-metals. They are recommended for drilling steel or other ferrous metals.	M1 (Body) CARBIDE TIPPED	118° Std. Spiral Std. Web

## Fractional Sizes (Regular MT Shank) 1/4 To 1-1/4" Dia.

CARBIDE TIPPED				BRIGHT FINISH 118° PT
DEC. EQUIV. SIZE	FLUTE LENGTH	OVERALL LENGTH		CTTSD
<b>#1 MT SHANK</b>				
1/4	.2500	2-7/8	6-1/8	CALL FOR PRICE
9/32	.2812	3	6-1/4	
5/16	.3125	3-1/8	6-3/8	
11/32	.3438	3-1/4	6-1/2	
3/8	.3750	3-1/2	6-3/4	
13/32	.4062	3-5/8	7	
7/16	.4375	3-7/8	7-1/4	
15/32	.4688	4-1/8	7-1/2	

CARBIDE TIPPED				BRIGHT FINISH 118° PT
DEC. EQUIV. SIZE	FLUTE LENGTH	OVERALL LENGTH		CTTSD
<b>#2 MT SHANK</b>				
1/2	.5000	4-3/8	8-1/4	CALL FOR PRICE
17/32	.5312	4-5/8	8-1/2	
9/16	.5625	4-7/8	8-3/4	
19/32	.5938	4-7/8	8-3/4	
5/8	.6250	4-7/8	8-3/4	
21/32	.6562	5-1/8	9	
11/16	.6875	5-3/8	9-1/4	
23/32	.7188	5-5/8	9-1/2	
3/4	.7500	5-7/8	9-3/4	
25/32	.7812	6	9-7/8	

CARBIDE TIPPED				BRIGHT FINISH 118° PT	
DEC. EQUIV. SIZE	FLUTE LENGTH	OVERALL LENGTH		CTTSD	
<b>#3 MT SHANK</b>					
13/16	.8125	6-1/8	10-3/4	CALL FOR PRICE	
27/32	.8435	6-1/8	10-3/4		
7/8	.8750	6-1/8	10-3/4		
29/32	.9062	6-1/8	10-3/4		
15/16	.9375	6-1/8	10-3/4		
31/32	.9688	6-3/8	11		
1	1.0000	6-3/8	11		
<b>#4 MT SHANK</b>					
1-1/16	1.0625	6-5/8	11-1/4		CALL FOR PRICE
1-1/8	1.1250	7-1/8	12-3/4		
1-3/16	1.1875	7-3/8	13		
1-1/4	1.2500	7-7/8	13-1/2		

Other sizes available. Please inquire for price and delivery.