

# Carbide Tipped "Stubby" Drills

**TUNGSTEN CARBIDE TIPPED**

**HIGH SPEED STEEL BODIES**



Reduced feed pressure requirements of the split point and the increased edge strength of the 135° faceted point combine to tackle highly abrasive and tough-to-drill solid or laminate material applications. Eight facet corner breaks, tang drive, and intermediate or metric sizes are available (priced on quantity). They are made with the tips brazed in hardened steel bodies.

Packaging: All sizes are individually packaged.

**MADE IN USA**

**SERIES 650**

**135° SPLIT POINT**

FRAC SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE
1/8	7/8	1-7/8	650A108	\$27.99
9/64	1"	2-1/16	650A109	36.83
5/32	1"	2-1/16	650A110	29.64
11/64	1-1/8	2-3/16	650A111	33.16
3/16	1-1/8	2-3/16	650A112	31.57
#7	1-1/4	2-3/8	650A007	47.52
13/64	1-1/4	2-3/8	650A113	36.20
#3	1-1/4	2-3/8	650A003	47.52
7/32	1-1/4	2-3/8	650A114	34.49
#1	1-3/8	2-1/2	650A001	47.52
15/64	1-3/8	2-1/2	650A115	41.02
"D"	1-3/8	2-1/2	650A504	47.52
1/4	1-3/8	2-1/2	650A116	36.55
"F"	1-1/2	2-11/16	650A506	55.11
"G"	1-1/2	2-11/16	650A507	55.11
17/64	1-1-2	2-11/16	650A117	45.35
"H"	1-1/2	2-11/16	650A508	55.11
"I"	1-1/2	2-11/16	650A509	55.11
9/32	1-1/2	2-11/16	650A118	42.02
19/64	1-5/8	2-13/16	650A119	52.10
5/16	1-5/8	2-13/16	650A120	44.85
"O"	1-5/8	2-13/16	650A515	68.30
21/64	1-11/16	3"	650A121	55.33
"Q"	1-11/16	3"	650A517	68.30
"R"	1-11/16	3"	650A518	68.30
11/32	1-11/16	3"	650A122	52.10
23/64	1-13/16	3-1/8	650A123	56.98
"U"	1-13/16	3-1/8	650A521	69.89
3/8	1-13/16	3-1/8	650A124	53.47
"W"	1-15/16	3-5/16	650A523	79.68

FRAC SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE
25/64	1-15/16	3-5/16	650A125	\$63.42
"X"	1-15/16	3-5/16	650A524	79.68
13/32	1-15/16	3-5/16	650A126	63.42
27/64	2-1/16	3-7/16	650A127	68.99
7/16	2-1/16	3-7/16	650A128	64.79
29/64	2-1/8	3-5/8	650A129	99.84
15/32	2-1/8	3-5/8	650A130	96.51
31/64	2-1/4	3-3/4	650A131	95.70
1/2	2-1/4	3-3/4	650A132	92.37
17/32	2-3/8	3-7/8	650A134	129.02
9/16	2-1/2	4"	650A136	129.02
19/32	2-5/8	4-1/8	650A138	147.93
5/8	2-3/4	4-1/4	650A140	147.93
21/32	2-7/8	4-1/2	650A142	177.89
11/16	2-7/8	4-5/8	650A144	182.45
23/32	3"	4-3/4	650A146	213.03
3/4	3-1/8	5"	650A148	207.29
25/32	3-1/4	5-1/8	650A150	263.56
13/16	3-3/8	5-1/4	650A152	256.38
27/32	3-1/2	5-3/8	650A154	289.04
7/8	3-1/2	5-1/2	650A156	281.25
29/32	3-5/8	5-5/8	650A158	310.50
15/16	3-3/4	5-3/4	650A160	302.03
31/62	3-7/8	5-7/8	650A162	327.98
1"	4"	6"	650A164	319.18
1-1/16	4"	6-1/4	650A204	399.79
1-1/8	4"	6-3/8	650A208	443.75
1-3/16	4-1/4	6-5/8	650A212	538.24
1-1/4	4-3/8	6-3/4	650A216	538.24
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