



**Alignment Reamer
(Construction Reamer)**

1/2" SHANK

SIZE (inches)	Part #	Flute Length	OAL
1/4 - 3/8	TCR24	4.5	6
5/16- 1/2	TCR32	4.5	6
11/32 - 9/16	TCR36	5	6.5
11/32 - 5/8	TCR40	5	6.5
3/8 - 11/16	TCR44	5	6.5
9/32 - 3/4	TCR48	5.5	7
5/8 - 7/8	TCR56	6	7.5
11/16 -15/16	TCR60	6	7.5
7/8 - 1	TCR64	6	7.5

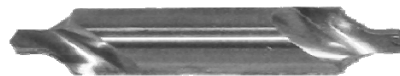


COUNTERSINK & DEBURRING

ZERO FLUTE, 82°

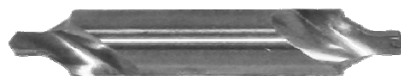
Part #	Size	Range of Hole	Degrees	Shank Diameter
E26	0	1/16-15/64	82	1/4
E27	1	5/32-13/32	82	1/4
E28	2	3/16-17/32	82	1/4
E29	3	5/16-25/32	82	1/2
E30	4	9/16- 1-1/16	82	1/2
E31	5	1/2- 1-1/2	82	1/2
E32	6	3/4- 1-3/4	82	5/8
E33	7	1 - 2	82	5/8
E34	8	1-1/4- 2-1/2	82	3/4

Note: 60 and 80 degree tools available upon request



**Combined Drill & Countersink
PLAIN TYPE, 60°**

Part #	Size	Body Diameter	Drill Diameter	OAL (Inches)
71900	0	1/8	1/32	1-1/4
71901	1	1/8	3/64	1-1/4
71902	2	3/16	5/64	1-7/8
71903	3	1/4	7/64	2
71904	4	5/16	1/8	2-1/8
71905	5	7/16	3/16	2-3/4
71906	6	1/2	7/32	3
71907	7	5/8	1/4	3-1/4
71908	8	3/4	5/16	3-1/2



BELL TYPE, 60° + 120°CHAMFER

Part #	Size	Body Diameter	Drill Diameter	Bell Diameter	OAL (Inches)
71911	11	1/8	3/64	.100	1-1/4
71912	12	3/16	1/16	.150	1-7/8
71913	13	1/4	3/32	.200	2
71914	14	5/16	7/64	.250	2-1/8
71915	15	7/16	5/32	.350	2-3/4
71916	16	1/2	3/16	.400	3
71917	17	5/8	7/32	.500	3-1/4
71918	18	3/4	1/4	.600	3-1/2



3 Flute Countersink

60° Part #	82° Part #	90° Part #	Large Diameter	Shank Diameter	OAL
39406	39416	39426	1/4"	3/16"	1-1/2"
39407	39417	39427	3/8	1/4	1-3/4
39408	39418	39428	1/2	3/8	2
39409	39419	39429	5/8	3/8	2-1/4
39410	39420	39430	3/4	1/2	2-5/8
39454	39464	39474	1"	1/2	3