



### EXTRA LONG COUNTERSINKS - SINGLE & SIX FLUTE - HSS

- ▶ Extended length for hard to reach applications.
- ▶ Made from HSS.

Single Flute - 82°		Six Flute - 82°		SIZE	SHK	OAL	ENDS
SERIES*	EDP #	SERIES*	EDP #				
HS1EL-1/8	11945	HS6EL-1/8	11961	1/8	1/8	4	SE
HS1EL-3/16	11947	HS6EL-3/16	11963	3/16	3/16	4	SE
HS1EL-1/4	11949	HS6EL-1/4	11965	1/4	1/4	6	SE
HS1EL-5/16	11951	HS6EL-5/16	11967	5/16	5/16	6	SE
HS1EL-3/8	11953	HS6EL-3/8	11969	3/8	3/8	6	SE
HS1EL-1/2	11955	HS6EL-1/2	11971	1/2	3/8	6	SE
HS1EL-5/8	11979	HS6EL-5/8	11973	5/8	3/8	6	SE
HS1EL-3/4	11975	HS6EL-3/4	11957	3/4	1/2	6	SE
HS1EL-1	11977	HS6EL-1	11959	1	1/2	6	SE



### COMBINED DRILL AND COUNTERSINK - HSS 2 FLUTE, DOUBLE END

- ▶ For centering and spot drilling applications when high accuracy is necessary.
- ▶ 60° included angle
- ▶ Made from HSS. Also available in solid carbide.

TOOL	EDP #	SIZE	DRILL			
			DIA	OAL	ENDS	SHK
HSCD-00	11587	00	0.025	1-1/2	DE	1/8
HSCD-0	11589	0	0.031	1-1/2	DE	1/8
HSCD-1	11591	1	3/64	1-1/2	DE	1/8
HSCD-2	11593	2	5/64	2	DE	3/16
HSCD-3	11595	3	7/64	2	DE	1/4
HSCD-4	11597	4	1/8	2-1/8	DE	5/16
HSCD-5	11599	5	3/16	2-3/4	DE	7/16
HSCD-6	11601	6	7/32	3	DE	1/2
HSCD-7	11603	7	1/4	3	DE	5/8
HSCD-8	11605	8	5/16	3-1/2	DE	3/4

ORDERING NOTE: These tools are sold only in package quantities. Sizes 00-6 are sold in packages of 12 tools. Sizes 7 and 8 are sold in packages of 6 tools.



### ZERO FLUTE COUNTERSINKS - M42 8% COBALT SINGLE END

- ▶ Designed with a radial relieved single edge for fast removal without chatter.
- ▶ Higher heat and abrasion resistance for use on high-tensile alloys, stainless steel, and other hard to machine abrasive materials.
- ▶ Made from M42 8% cobalt material. Also available in HSS.

SERIES*	SIZE	SHK	OAL	ENDS	ANGLE / TOOL EDP #		
					60°	82°	90°
HSP0-1/4	1/4	1/4	1-1/2	SE	19210	19211	19212
HSP0-7/16	7/16	1/4	2-1/32	SE	19213	19214	19215
HSP0-9/16	9/16	1/4	2	SE	19216	19217	19218
HSP0-13/16	13/16	1/2	2-5/8	SE	19219	19220	19221
HSP0-1-1/8	1-1/8	1/2	2-7/8	SE	19222	19223	19224

\* COUNTERSINKS: To order countersinks, either use the EDP # listed or add the angle to the end of the series name (i.e. HS1-1/2-90).

