

HIGH SPEED STEEL

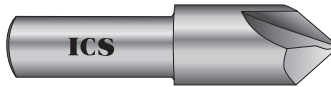
**THREE FLUTE (CENTER REAMER) COUNTERSINKS**

ICS USA

GENERAL PURPOSE

RIGHT HAND CUT

STRAIGHT SHANK



RADIAL RELIEF

Three Flute Countersinks should be used at a slower (1/2 to 2/3 the speed used for drilling) speed. Recommended for machine and portable work. Because of their centering ability, they are widely used in portable applications.

ITEM NO.		SIZE	SHANK	OVERALL LENGTH	POINT ANGLE					
ALPHA PREFIX	NUMERIC SUFFIX (FLUTES & ANGLE-SIZE)				60°	82°	90°	100°	110°	120°
					CSK360	CSK382	CSK390	CSK300	CSK310	CSK320
CSK	(FLUTES & ANGLE) -016	1/4	3/16	1-1/2	\$6.72	\$6.72	\$6.72	\$6.72	\$6.72	\$6.72
CSK	(FLUTES & ANGLE) -020	5/16	1/4	1-3/4	7.26	7.26	7.26	7.26	7.26	7.26
CSK	(FLUTES & ANGLE) -024	3/8	1/4	1-3/4	8.58	8.58	8.58	8.58	8.58	8.58
CSK	(FLUTES & ANGLE) -032	1/2	1/4	2	12.32	12.32	12.32	12.32	-	-
CSK	(FLUTES & ANGLE) -032A	1/2	3/8	2	12.32	12.32	12.32	12.32	12.32	12.32
CSK	(FLUTES & ANGLE) -040	5/8	3/8	2-1/4	17.14	17.14	17.14	17.14	17.14	17.14
CSK	(FLUTES & ANGLE) -048	3/4	3/8	2-5/8	24.08	24.08	24.08	24.08	-	-
CSK	(FLUTES & ANGLE) -048A	3/4	1/2	2-5/8	22.96	22.96	22.96	22.96	22.96	22.96
CSK	(FLUTES & ANGLE) -056	7/8	1/2	2-3/4	33.28	33.28	33.28	33.28	33.28	33.28
CSK	(FLUTES & ANGLE) -100	1	1/2	2-3/4	36.44	36.44	36.44	36.44	-	-
CSK	(FLUTES & ANGLE) -116	1-1/4	1/2	3-1/2	62.40	62.40	62.40	-	-	-
CSK	(FLUTES & ANGLE) -132	1-1/2	1/2	3-1/2	87.36	87.36	87.36	-	-	-
CSK	(FLUTES & ANGLE) -132A	1-1/2	3/4	3-1/2	78.40	78.40	78.40	78.40	-	-
CSK	(FLUTES & ANGLE) -200	2	1/2	4	151.46	151.46	151.46	-	-	-
CSK	(FLUTES & ANGLE) -200A	2	3/4	4	142.50	142.50	142.50	142.50	-	-

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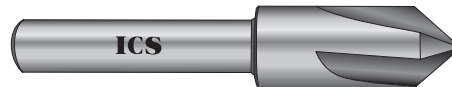
**FOUR FLUTE (MACHINE) COUNTERSINKS**

ICS USA

GENERAL PURPOSE

RIGHT HAND CUT

STRAIGHT SHANK



RADIAL RELIEF

Four Flute Machine Countersinks have a longer shank for use in Turret lathes and for screw machine work.

ITEM NO.		SIZE	SHANK	OVERALL LENGTH	POINT ANGLE		
ALPHA PREFIX	NUMERIC SUFFIX (FLUTES & ANGLE-SIZE)				60°	82°	90°
					CSK460	CSK482	CSK490
CSK	(FLUTES & ANGLE) -032	1/2	1/2	3-7/8	\$22.72	\$22.72	\$22.72
CSK	(FLUTES & ANGLE) -040	5/8	1/2	4	26.38	26.38	26.38
CSK	(FLUTES & ANGLE) -048	3/4	1/2	4-1/8	34.82	34.82	34.82
CSK	(FLUTES & ANGLE) -056	7/8	1/2	4-1/4	38.14	38.14	38.14
CSK	(FLUTES & ANGLE) -100	1	1/2	4-3/8	43.52	43.52	43.52
CSK	(FLUTES & ANGLE) -116	1-1/4	1/2	5	57.46	57.46	57.46
CSK	(FLUTES & ANGLE) -132	1-1/2	1/2	5-3/8	77.62	77.62	77.62

**Quick Link**

Countersink sets in wood stands can be found on page 186.