

HIGH SPEED STEEL

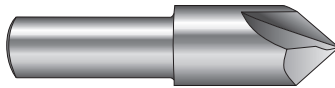
**COUNTERSINKS - THREE FLUTE (CENTER REAMER)**

ICS USA

GENERAL PURPOSE

RIGHT HAND CUT

STRAIGHT SHANK



RADIAL RELIEF

High Speed Steel Three Flute Countersinks should be used at a slower speed. (1/2 to 2/3 the speed used for drilling) Recommended for machine and portable work. Because of their centering ability, they are widely used in portable applications. They are also available in 5 piece sets.

SIZE NO.	SHANK DIA.	OVERALL LENGTH	ITEM NO.						PRICE EACH
			CENTERLINE ANGLE / INCLUDED ANGLE						
			30° / 60°	41° / 82°	45° / 90°	50° / 100°	55° / 110°	60° / 120°	
1/4	3/16	1-1/2	CSK360-016	CSK382-016	CSK390-016	CSK300-016	CSK310-016	CSK320-016	7.06
5/16	1/4	1-7/8	CSK360-020	CSK382-020	CSK390-020	CSK300-020	CSK310-020	CSK320-020	7.62
3/8	1/4	1-7/8	CSK360-024	CSK382-024	CSK390-024	CSK300-024	CSK310-024	CSK320-024	9.02
1/2	1/4	2	CSK360-032	CSK382-032	CSK390-032	CSK300-032			12.94
1/2	3/8	2	CSK360-032A	CSK382-032A	CSK390-032A	CSK300-032A	CSK310-032A	CSK320-032A	12.94
5/8	3/8	2-1/4	CSK360-040	CSK382-040	CSK390-040	CSK300-040	CSK310-040	CSK320-040	18.00
3/4	3/8	2-1/2	CSK360-048A	CSK382-048A	CSK390-048A	CSK300-048A			25.28
3/4	1/2	2-1/2	CSK360-048	CSK382-048	CSK390-048	CSK300-048	CSK310-048	CSK320-048	24.12
7/8	1/2	2-1/2	CSK360-056	CSK382-056	CSK390-056	CSK300-056	CSK310-056	CSK320-056	34.94
1	1/2	2-3/4	CSK360-100	CSK382-100	CSK390-100	CSK300-100			38.26
1-1/4	1/2	3-3/8	CSK360-116	CSK382-116	CSK390-116				65.52
1-1/2	1/2	3-1/2	CSK360-132	CSK382-132	CSK390-132				91.74
1-1/2	3/4	3-1/2	CSK360-132A	CSK382-132A	CSK390-132A	CSK300-132A			82.32
2	3/4	4	CSK360-200A	CSK382-200A	CSK390-200A	CSK300-200A			159.04

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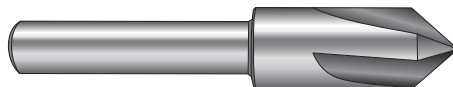
**COUNTERSINKS - FOUR FLUTE (MACHINE)**

ICS USA

GENERAL PURPOSE

RIGHT HAND CUT

STRAIGHT SHANK



RADIAL RELIEF

High Speed Steel Four Flute Machine Countersinks have a longer shank for use in turret lathes and for screw machine work. They are also available in 5 piece sets.

SIZE NO.	SHANK DIA.	OVERALL LENGTH	ITEM NO.			PRICE EACH
			CENTERLINE ANGLE / INCLUDED ANGLE			
			30° / 60°	41° / 82°	45° / 90°	
1/2	1/2	3-7/8	CSK460-032	CSK482-032	CSK490-032	23.86
5/8	1/2	4	CSK460-040	CSK482-040	CSK490-040	27.70
3/4	1/2	4-1/8	CSK460-048	CSK482-048	CSK490-048	40.62
7/8	1/2	4-1/4	CSK460-056	CSK482-056	CSK490-056	44.50
1	1/2	4-3/8	CSK460-100	CSK482-100	CSK490-100	50.78
1-1/4	1/2	5	CSK460-116	CSK482-116	CSK490-116	67.04
1-1/2	1/2	5-3/8	CSK460-132	CSK482-132	CSK490-132	90.56

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