



CNC-K™ Precision Chatterless-Countersinks™

Designed for use in NC, CNC, Vertical and Horizontal, also CNC Lathes, and Multi Axis machines. These Precision countersinks feature our 6 flute Chatterless™ tooth geometry. Tighter tolerances on angles, diameters, and lengths assure setting accuracy. See page 87 for programming and setup assistance.

See Page 87 for programming and setup assistance

High Speed Steel

BODY DIA.	NOSE DIA. +.001-.000	SHANK DIA.	OVERALL LENGTH	SHANK LENGTH	CENTERLINE ANGLE							
					INCLUDED ANGLE		30°	41°	45°	50°	55°	60°
					SEVERANCE NAME	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	
1/4"	.078	3/16"	1-1/2"	3/4"	CNC-K-1/4	02970	-	-	-	-	-	-
1/4"	.046	3/16"	1-1/2"	3/4"	CNC-K-1/4	-	02980	02990	03000	03010	03020	-
3/8"	.125	1/4"	1-3/4"	7/8"	CNC-K-3/8	02971	-	-	-	-	-	-
3/8"	.078	1/4"	1-3/4"	7/8"	CNC-K-3/8	-	02981	02991	03001	-	-	-
3/8"	.062	1/4"	1-3/4"	7/8"	CNC-K-3/8	-	-	-	-	03011	03021	-
1/2"	.156	3/8"	2-1/8"	1-1/8"	CNC-K-1/2	02972	-	-	-	-	-	-
1/2"	.109	3/8"	2-1/8"	1-1/8"	CNC-K-1/2	-	02982	02992	03002	-	-	-
1/2"	.078	3/8"	2-1/8"	1-1/8"	CNC-K-1/2	-	-	-	-	03012	03022	-
5/8"	.203	3/8"	2-3/8"	1-1/8"	CNC-K-5/8	02973	-	-	-	-	-	-
5/8"	.125	3/8"	2-3/8"	1-1/8"	CNC-K-5/8	-	02983	02993	03003	-	-	-
5/8"	.109	3/8"	2-3/8"	1-1/8"	CNC-K-5/8	-	-	-	-	03013	03023	-
3/4"	.250	1/2"	2-11/16"	1-5/16"	CNC-K-3/4	02974	-	-	-	-	-	-
3/4"	.156	1/2"	2-11/16"	1-5/16"	CNC-K-3/4	-	02984	02994	03004	-	-	-
3/4"	.125	1/2"	2-11/16"	1-5/16"	CNC-K-3/4	-	-	-	-	03014	03024	-
7/8"	.281	1/2"	2-13/16"	1-5/16"	CNC-K-7/8	02975	-	-	-	-	-	-
7/8"	.172	1/2"	2-13/16"	1-5/16"	CNC-K-7/8	-	02985	02995	03005	-	-	-
7/8"	.140	1/2"	2-13/16"	1-5/16"	CNC-K-7/8	-	-	-	-	03015	03025	-
1"	.328	1/2"	2-13/16"	1-5/16"	CNC-K-1	02976	-	-	-	-	-	-
1"	.203	1/2"	2-13/16"	1-5/16"	CNC-K-1	-	02986	02996	03006	-	-	-
1"	.171	1/2"	2-13/16"	1-5/16"	CNC-K-1	-	-	-	-	03016	03026	-



CNC-K™ Precision Double Ended Countersinks

These precision countersinks have our 6-Flute chatterless™ design. Double-Ended Countersinks can help reduce manufacturing costs by lowering tool inventories and labor costs. When one end of the countersink dulls, simply reverse the tool and continue machining operations.

See Page 87 for programming and setup assistance

High Speed Steel

Head Dia.	Overall Length	Nose Dia.	Centerline Angle							
			Included Angle		30°	41°	45°	50°	55°	60°
			Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number	
1/8"	1-1/2"	See single ended above for nose flats	CNC-K-1/8-DE	03177	03185	03193	03201	03209	03217	
3/16"	1-7/8"		CNC-K-3/16-DE	03178	03186	03194	03202	03210	03218	
1/4"	2"		CNC-K-1/4-DE	03179	03187	03195	03203	03211	03219	
5/16"	2-1/8"		CNC-K-5/16-DE	03180	03188	03196	03204	03212	03220	
3/8"	2-1/2"		CNC-K-3/8-DE	03181	03189	03197	03205	03213	03221	
1/2"	3"		CNC-K-1/2-DE	03182	03190	03198	03206	03214	03222	
5/8"	3 -1/4"		CNC-K-5/8-DE	03183	03191	03199	03207	03215	03223	
3/4"	3 -1/2"		CNC-K-3/4-DE	03184	03192	03200	03208	03216	03224	



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Carbide

BODY DIA.	NOSE DIA. +.001-.000	SHANK DIA.	OVERALL LENGTH	SHANK LENGTH	CENTERLINE ANGLE INCLUDED ANGLE	30°	41°	45°	50°	55°	60°
					SEVERANCE NAME	60°	82°	90°	100°	110°	120°
						ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER
1/4"	.078	3/16"	1-1/2"	3/4"	CNC-K-1/4-W	03120	-	-	-	-	-
1/4"	.046	3/16"	1-1/2"	3/4"	CNC-K-1/4-W	-	03130	03140	03150	03160	03170
3/8"	.125	1/4"	1-3/4"	7/8"	CNC-K-3/8-W	03121	-	-	-	-	-
3/8"	.078	1/4"	1-3/4"	7/8"	CNC-K-3/8-W	-	03131	03141	03151	-	-
3/8"	.062	1/4"	1-3/4"	7/8"	CNC-K-3/8-W	-	-	-	-	03161	03171
1/2"	.156	3/8"	2-1/4"	1-1/8"	CNC-K-1/2-W	03122	-	-	-	-	-
1/2"	.109	3/8"	2-1/4"	1-1/8"	CNC-K-1/2-W	-	03132	03142	03152	-	-
1/2"	.078	3/8"	2-1/4"	1-1/8"	CNC-K-1/2-W	-	-	-	-	03162	03172
5/8"	.203	3/8"	2-3/8"	1-1/8"	CNC-K-5/8-W	03123	-	-	-	-	-
5/8"	.125	3/8"	2-3/8"	1-1/8"	CNC-K-5/8-W	-	03133	03143	03153	-	-
5/8"	.109	3/8"	2-3/8"	1-1/8"	CNC-K-5/8-W	-	-	-	-	03163	03173
3/4"	.250	1/2"	2-11/16"	1-5/16"	CNC-K-3/4-W	03124	-	-	-	-	-
3/4"	.156	1/2"	2-11/16"	1-5/16"	CNC-K-3/4-W	-	03134	03144	03154	-	-
3/4"	.125	1/2"	2-11/16"	1-5/16"	CNC-K-3/4-W	-	-	-	-	03164	03174
7/8"	.281	1/2"	2-13/16"	1-5/16"	CNC-K-7/8-W	03125	-	-	-	-	-
7/8"	.172	1/2"	2-13/16"	1-5/16"	CNC-K-7/8-W	-	03135	03145	03155	-	-
7/8"	.140	1/2"	2-13/16"	1-5/16"	CNC-K-7/8-W	-	-	-	-	03165	03175
1"	.328	1/2"	2-13/16"	1-5/16"	CNC-K-1-W	03126	-	-	-	-	-
1"	.203	1/2"	2-13/16"	1-5/16"	CNC-K-1-W	-	03136	03146	03156	-	-
1"	.171	1/2"	2-13/16"	1-5/16"	CNC-K-1-W	-	-	-	-	03166	03176



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Carbide

Head Dia.	Overall Length	Nose Dia.	Centerline Angle		30°	41°	45°	50°	55°	60°
			Included Angle	60°	82°	90°	100°	110°	120°	
			Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
1/8"	1-1/2"	See single ended above for nose flats	CNC-K-1/8-W-DE	03423	03431	03439	03447	03455	03463	
3/16"	1-7/8"		CNC-K-3/16-W-DE	03424	03432	03440	03448	03456	03464	
1/4"	2"		CNC-K-1/4-W-DE	03425	03433	03441	03449	03457	03465	
5/16"	2-1/8"		CNC-K-5/16-W-DE	03426	03434	03442	03450	03458	03466	
3/8"	2-1/2"		CNC-K-3/8-W-DE	03427	03435	03443	03451	03459	03467	
1/2"	3"		CNC-K-1/2-W-DE	03428	03436	03444	03452	03460	03468	
5/8"	3-1/4"		CNC-K-5/8-W-DE	03429	03437	03445	03453	03461	03469	
3/4"	3-1/2"		CNC-K-3/4-W-DE	03430	03438	03446	03454	03462	03470	