

Solid Carbide ULTRATOOL® Keyseat Cutters

Series 610
Carbide Keyseat Cutters
One-Piece Solid Construction



Ultra's Series 610 Keyseat Cutter is all solid, all the time. Not only is there no braze joint to fail, but we use a premium carbide grade with superb Transverse Rupture Strength to mitigate breakage. Utilizing our Express Service, we offer special face widths, radii, extended necks, reduced shanks and more with extremely quick turnaround times. Plus, the Series 610 is now available with any of our SmoothCoat standard coatings at one low price.



Shank Diameter = 1/2" (12.7mm)
Neck length = 1/4" (6.3mm)

Diam	Face Width	Face Width	ASA#	Flutes	Neck Diam	OAL	EDP#	Price	Coated
3/8	.0312	1/32	-	8	13/64	2-1/32	61030	\$60.10	\$67.20
3/8	.0469	3/64	-	8	13/64	2-3/64	61031	\$60.10	\$67.20
3/8	.0625	1/16	203	8	13/64	2-1/16	61029	\$60.10	\$67.20
3/8	.0938	3/32	303	8	13/64	2-3/32	61001	\$60.10	\$67.20
3/8	.1250	1/8	403	8	13/64	2-1/8	61002	\$60.10	\$67.20
1/2	.0312	1/32	-	10	1/4	2-1/32	61032	\$63.60	\$70.70
1/2	.0469	3/64	-	10	1/4	2-3/64	61033	\$63.60	\$70.70
1/2	.0625	1/16	204	10	1/4	2-1/16	61034	\$63.60	\$70.70
1/2	.0781	5/64	-	10	1/4	2-5/64	61035	\$63.60	\$70.70
1/2	.0938	3/32	304	10	1/4	2-3/32	61003	\$63.60	\$70.70
1/2	.1094	7/64	-	10	1/4	2-7/64	61036	\$63.60	\$70.70
1/2	.1250	1/8	404	10	1/4	2-1/8	61004	\$63.60	\$70.70
5/8	.0312	1/32	-	10	9/32	2-1/32	61037	\$73.30	\$82.70
5/8	.0469	3/64	-	10	9/32	2-3/64	61038	\$73.30	\$82.70
5/8	.0625	1/16	-	10	9/32	2-1/16	61039	\$73.30	\$82.70
5/8	.0781	5/64	-	10	9/32	2-5/64	61040	\$73.30	\$82.70
5/8	.0938	3/32	305	10	9/32	2-3/32	61005	\$73.30	\$82.70
5/8	.1094	7/64	-	10	9/32	2-7/64	61041	\$73.30	\$82.70
5/8	.1250	1/8	405	10	9/32	2-1/8	61006	\$73.30	\$82.70
5/8	.1406	9/64	-	10	9/32	2-9/64	61042	\$73.30	\$82.70
5/8	.1562	5/32	505	10	9/32	2-5/32	61007	\$73.30	\$82.70
5/8	.1875	3/16	605	10	9/32	2-3/16	61008	\$73.30	\$82.70
3/4	.0312	1/32	-	10	9/32	2-1/32	61043	\$92.50	\$103.70
3/4	.0469	3/64	-	10	9/32	2-3/64	61044	\$92.50	\$103.70
3/4	.0625	1/16	-	10	9/32	2-1/16	61045	\$92.50	\$103.70
3/4	.0781	5/64	-	10	9/32	2-5/64	61046	\$92.50	\$103.70
3/4	.0938	3/32	-	10	9/32	2-3/32	61047	\$92.50	\$103.70
3/4	.1094	7/64	-	10	9/32	2-7/64	61048	\$92.50	\$103.70
3/4	.1250	1/8	406	10	9/32	2-1/8	61009	\$92.50	\$103.70
3/4	.1406	9/64	-	10	9/32	2-9/64	61049	\$92.50	\$103.70
3/4	.1562	5/32	506	10	9/32	2-5/32	61010	\$92.50	\$103.70
3/4	.1875	3/16	606	10	9/32	2-3/16	61011	\$92.50	\$103.70
3/4	.2031	13/64	-	10	9/32	2-13/64	61050	\$92.50	\$103.70
3/4	.2188	7/32	-	10	9/32	2-7/32	61051	\$92.50	\$103.70
3/4	.2344	15/64	-	10	9/32	2-15/64	61052	\$92.50	\$103.70
3/4	.2500	1/4	806	10	9/32	2-1/4	61012	\$92.50	\$103.70
7/8	.0625	1/16	-	12	9/32	2-1/16	61053	\$112.70	\$125.20
7/8	.1250	1/8	-	12	9/32	2-1/8	61054	\$112.70	\$125.20
7/8	.1562	5/32	507	12	9/32	2-5/32	61013	\$112.70	\$125.20
7/8	.1875	3/16	607	12	9/32	2-3/16	61014	\$112.70	\$125.20
7/8	.2188	7/32	707	12	9/32	2-7/32	61015	\$112.70	\$125.20
7/8	.2500	1/4	807	12	9/32	2-1/4	61016	\$112.70	\$125.20
1"	.0312	1/32	-	12	9/32	2-1/32	61055	\$127.50	\$141.80
1"	.0469	3/64	-	12	9/32	2-3/64	61056	\$127.50	\$141.80
1"	.0625	1/16	-	12	9/32	2-1/16	61057	\$127.50	\$141.80
1"	.0781	5/64	-	12	9/32	2-5/64	61058	\$127.50	\$141.80
1"	.0938	3/32	-	12	9/32	2-3/32	61059	\$127.50	\$141.80
1"	.1250	1/8	-	12	9/32	2-1/8	61060	\$127.50	\$141.80
1"	.1562	5/32	-	12	9/32	2-5/32	61061	\$127.50	\$141.80
1"	.1875	3/16	608	12	9/32	2-3/16	61017	\$127.50	\$141.80
1"	.2188	7/32	708	12	9/32	2-7/32	61018	\$127.50	\$141.80
1"	.2500	1/4	808	12	9/32	2-1/4	61019	\$127.50	\$141.80

Diam	Face Width	Face Width	ASA#	Flutes	Neck Diam	OAL	EDP#	Price	Coated
1-1/8	.1250	1/8	-	14	9/32	2-1/8	61062	\$161.50	\$182.50
1-1/8	.1875	3/16	609	14	9/32	2-3/16	61020	\$161.50	\$182.50
1-1/8	.2188	7/32	709	14	9/32	2-7/32	61021	\$161.50	\$182.50
1-1/8	.2500	1/4	809	14	9/32	2-1/4	61022	\$161.50	\$182.50
1-1/4	.0312	1/32	-	14	9/32	2-1/32	61063	\$169.50	\$191.50
1-1/4	.0625	1/16	-	14	9/32	2-1/16	61064	\$169.50	\$191.50
1-1/4	.0938	3/32	-	14	9/32	2-3/32	61065	\$169.50	\$191.50
1-1/4	.1250	1/8	-	14	9/32	2-1/8	61066	\$169.50	\$191.50
1-1/4	.1562	5/32	-	14	9/32	2-5/32	61067	\$169.50	\$191.50
1-1/4	.1875	3/16	610	14	9/32	2-3/16	61023	\$169.50	\$191.50
1-1/4	.2188	7/32	710	14	9/32	2-7/32	61024	\$169.50	\$191.50
1-1/4	.2500	1/4	810	14	9/32	2-1/4	61025	\$169.50	\$191.50
1-1/2	.0312	1/32	-	16	5/16	2-1/32	61068	\$210.50	\$237.80
1-1/2	.0625	1/16	-	16	5/16	2-1/16	61069	\$210.50	\$237.80
1-1/2	.0938	3/32	-	16	5/16	2-3/32	61070	\$210.50	\$237.80
1-1/2	.1250	1/8	-	16	5/16	2-1/8	61071	\$210.50	\$237.80
1-1/2	.1875	3/16	-	16	5/16	2-3/16	61072	\$210.50	\$237.80
1-1/2	.2500	1/4	812	16	5/16	2-1/4	61026	\$210.50	\$237.80
1-1/2	.3125	5/16	1012	16	5/16	2-5/16	61027	\$210.50	\$237.80
1-1/2	.3750	3/8	1212	16	5/16	2-3/8	61028	\$210.50	\$237.80

Metric Widths

Diam	Face Width	Face Width	Flutes	Neck Diam	OAL	EDP#	Price	Coated
9.5mm	1.0mm	.0394	8	5.2	52	61100	\$60.10	\$67.20
9.5mm	2.0mm	.0787	8	5.2	53	61104	\$60.10	\$67.20
9.5mm	3.0mm	.1181	8	5.2	54	61108	\$60.10	\$67.20
12.7mm	2.0mm	.0787	10	6.3	53	61112	\$63.60	\$70.70
12.7mm	3.0mm	.1181	10	6.3	54	61116	\$63.60	\$70.70
15.9mm	2.0mm	.0787	10	7.1	53	61120	\$73.30	\$82.70
15.9mm	3.0mm	.1181	10	7.1	54	61124	\$73.30	\$82.70
15.9mm	4.0mm	.1575	10	7.1	55	61128	\$73.30	\$82.70
19.1mm	3.0mm	.1181	10	7.1	54	61132	\$92.50	\$103.70
19.1mm	4.0mm	.1575	10	7.1	55	61136	\$92.50	\$103.70
19.1mm	5.0mm	.1969	10	7.1	56	61140	\$92.50	\$103.70
19.1mm	6.0mm	.2362	10	7.1	57	61144	\$92.50	\$103.70
22.2mm	3.0mm	.1181	12	7.1	54	61148	\$112.70	\$125.20
22.2mm	4.0mm	.1575	12	7.1	55	61152	\$112.70	\$125.20
22.2mm	5.0mm	.1969	12	7.1	56	61156	\$112.70	\$125.20
22.2mm	6.0mm	.2362	12	7.1	57	61160	\$112.70	\$125.20
25.4mm	4.0mm	.1575	12	7.1	55	61164	\$127.50	\$141.80
25.4mm	5.0mm	.1969	12	7.1	56	61168	\$127.50	\$141.80
25.4mm	6.0mm	.2362	12	7.1	57	61172	\$127.50	\$141.80
28.6mm	4.0mm	.1575	14	7.1	55	61176	\$161.50	\$182.50
28.6mm	5.0mm	.1969	14	7.1	56	61180	\$161.50	\$182.50
28.6mm	6.0mm	.2362	14	7.1	57	61184	\$161.50	\$182.50
31.8mm	4.0mm	.1575	14	7.1	55	61188	\$169.50	\$191.50
31.8mm	5.0mm	.1969	14	7.1	56	61192	\$169.50	\$191.50
31.8mm	6.0mm	.2362	14	7.1	57	61196	\$169.50	\$191.50
38.1mm	6.0mm	.2362	16	7.9	57	61200	\$210.50	\$237.80
38.1mm	7.0mm	.2756	16	7.9	58	61204	\$210.50	\$237.80
38.1mm	8.0mm	.3150	16	7.9	59	61208	\$210.50	\$237.80

Keyseat Specifications:
Head Diam (3/8" to 3/4") +0.010/+0.015
Head Diam (7/8" to 1-1/2") +0.012/+0.017
Face Width +0.0000/-0.0005 Neck Length 1/4"

Keyseat Specifications (Metric):
Head Diam (9.5mm to 19.1mm) +0.25/+0.38mm
Head Diam (22.2 to 38.1mm) +0.30/+0.43mm
Face Width +0.0000/+0.013mm Neck Length 6.3mm