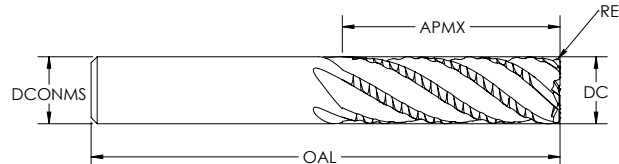
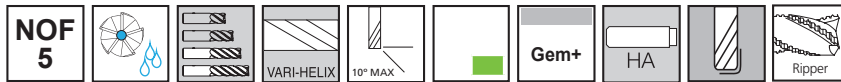


TuffCut® X-AL Series XAL5R



Non-Center
Cutting

Uncoated		Gem+		DC		DCONMS	OAL	APMX	RE
Tool No.	EDP	Tool No.	EDP	Inch	Decimal	Inch	Inch	Inch	Inch
XAL5R37534	28166	XAL5R37534GP	28176	3/8	.3750	3/8	3	1-1/4	.030
XAL5R37544	28167	XAL5R37544GP	28177	3/8	.3750	3/8	3-1/2	1-5/8	.030
XAL5R50034	28168	XAL5R50034GP	28178	1/2	.5000	1/2	3-1/2	1-5/8	.030
XAL5R50038	28169	XAL5R50038GP	28179	1/2	.5000	1/2	3-1/2	1-5/8	.120
XAL5R50044	28170	XAL5R50044GP	28180	1/2	.5000	1/2	4	2-1/8	.030
XAL5R50048	28171	XAL5R50048GP	28181	1/2	.5000	1/2	4	2-1/8	.120
XAL5R62534	28172	XAL5R62534GP	28182	5/8	.6250	5/8	4	2-1/8	.030
XAL5R62538	28173	XAL5R62538GP	28183	5/8	.6250	5/8	4	2-1/8	.120
XAL5R75034	28174	XAL5R75034GP	28184	3/4	.7500	3/4	5	2-1/2	.030
XAL5R75038	28175	XAL5R75038GP	28185	3/4	.7500	3/4	5	2-1/2	.120

Weldon Shanks:

Weldon Performance Flats offered through our rapid turnaround program by adding a "WP" to the end of the tool number when ordering.

Example: XAL5R*******WP**

Example: XAL5R*******GPWP**

Tolerance (inch)	
DC	DCONMS
+0/- .0005	h6

Gem+ Coating (GP):

Recommended for aluminum and aluminum alloys up to 12% Si, non-ferrous metals and composites. Gem+ provides excellent wear resistance and maintains sharp cutting edges.

Gem+ Coating Properties			
Microhardness (HV)	Max. Service Temp.	Friction Coefficient	Tool No. Designation
4710	500° C / 932° F	0.10	GP