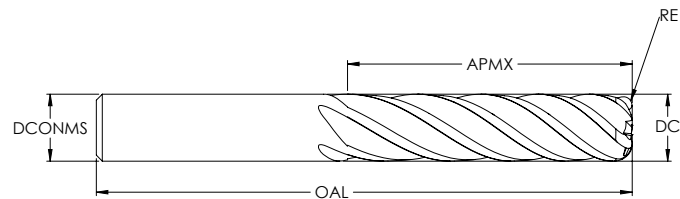


TuffCut® X-AL Series XAL5F



Uncoated		Gem+		DC		DCONMS	OAL	APMX	RE
Tool No.	EDP	Tool No.	EDP	Inch	Decimal	Inch	Inch	Inch	Inch
XAL5F37540	28211	XAL5F37540GP	28222	3/8	.3750	3/8	3-1/2	1-5/8	-
XAL5F37544	28212	XAL5F37544GP	28223	3/8	.3750	3/8	3-1/2	1-5/8	.030
XAL5F50040	28213	XAL5F50040GP	28224	1/2	.5000	1/2	4	2-1/8	-
XAL5F50044	28214	XAL5F50044GP	28225	1/2	.5000	1/2	4	2-1/8	.030
XAL5F50048	28215	XAL5F50048GP	28226	1/2	.5000	1/2	4	2-1/8	.120
XAL5F62540	28216	XAL5F62540GP	28227	5/8	.6250	5/8	5	2-5/8	-
XAL5F62544	28217	XAL5F62544GP	28228	5/8	.6250	5/8	5	2-5/8	.030
XAL5F62548	28218	XAL5F62548GP	28229	5/8	.6250	5/8	5	2-5/8	.120
XAL5F75040	28219	XAL5F75040GP	28230	3/4	.7500	3/4	6	3-1/8	-
XAL5F75044	28220	XAL5F75044GP	28231	3/4	.7500	3/4	6	3-1/8	.030
XAL5F75048	28221	XAL5F75048GP	28232	3/4	.7500	3/4	6	3-1/8	.120

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