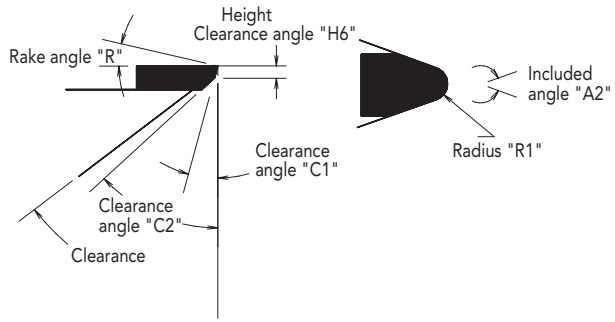
CONTOUR
FINE TOOLING

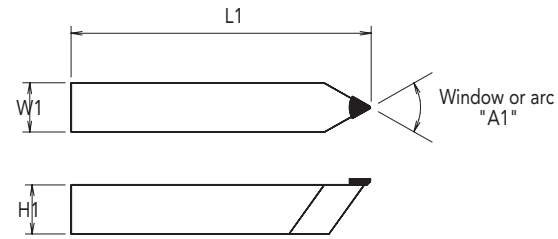
DIAMOND TOOL CODE

contour-diamonds.com

EXAMPLE DIAMOND TOOL CODE

EKC0.5mLFCi/55°inc/120°arc/0.25w





E	K		C	0.5	M	L	F	C	I	55°INC	120°ARC	.25W
Diamond Type			**Controlled or non-Controlled Edge Waviness**	**Radius "R1"**	**Scale units**	**Rake "R"**	**Front Clearance "C1" "H6" "C2" "C3" apply for additional clearance**	**Front Clearance Shape**	**Insert**	**Included Angle "A2"**	**Cutting Edge Arc "A1"**	**Cutting Edge Waviness**
Nothing Stated = Natural Stone	K = Optoform Contact Lens 55° insert	P = sharp point	N = Non controlled waviness	0.001 mm (0.000039" to 100 mm (3.93")	Nothing noted… imperial inch units m = metric units	K = +2.5° L = 0° M = -2.5° N = -5° R = -10° T = -15° W = -25° Or if special angle i.e. xx°r	E = 15° F = 12.5° G = 10° H = 7.5° J = 5° Or if special angle i.e. xx°f/c	Nothing noted... Cylindrical C = Conical	Nothing noted... Solid shank I = insert	This indicates the included angle of the diamond i.e. 55inc	This is the cutting edge arc i.e. 120arc	This is the cutting edge waviness in Microns i.e. 0.25w
E = Dodec Synthetic	Q = EPT Contact Lens 35° insert	H = half radius	C = Controlled waviness									
MCC = Dodec Synthetic	J = DAC 6.35 mm square	BM = Ball Mill										
S = Sumitomo Cubic Synthetic	S = Chase +5° Tool Holder	CM = Cylindrical Mill										
CVD = Pure Diamond Poly-crystal	SP = Chase Parallel Tool Holder	BB = Boring Bar										
N = Dodec Synthetic	R = City Crown 6.35 mm square											
U = Dodec Synthetic	TR = City Crown 6.35 mm square 19 mm step											
	ATR = City Crown 8.0x 6.35 mm											
	C = Coburn 8000											
	JB = DAC 7.5 x 6.35 mm											
	JC = DAC 8.0 mm square											
	JCL = DAC 8.0 mm square x offset LH											
	JCR = DAC 8.0 mm square offset RH											
	G = Gfeller											
	M = Micoturn											
	A = Nissel 5.0 mm square 17° holder											
	AP = Nissel 5.0 mm square Parallel											
	R = 6.35 mm square											
	W = Polytech											