

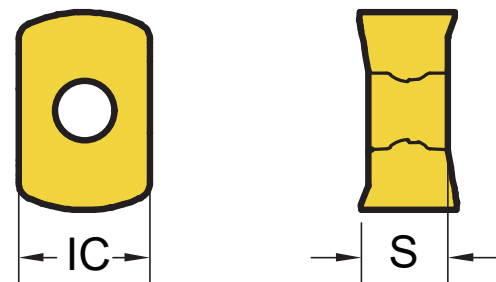
Product List - Milling Insert

Milling - Insert

ENMX

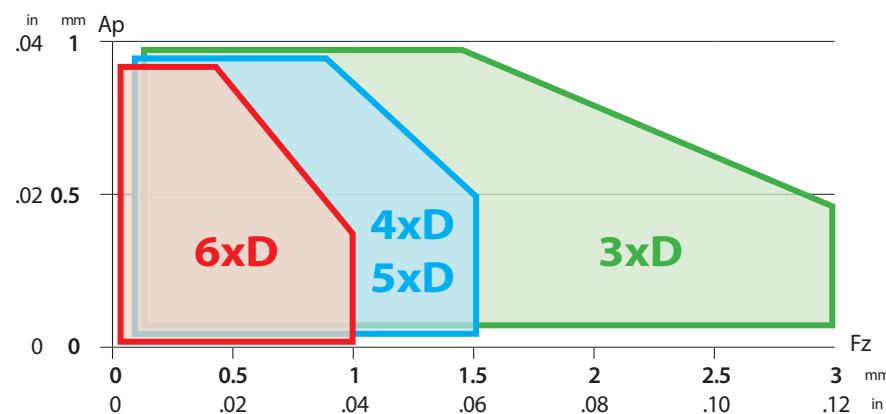
High Feed Negative (4 Corners)

- Insert size (IC): 6.3 mm
- Thickness(S): 4.21 mm



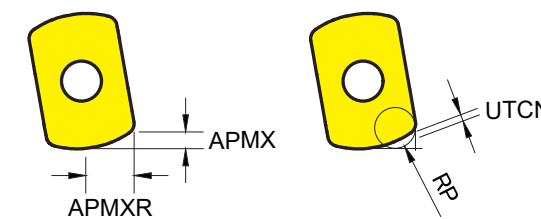
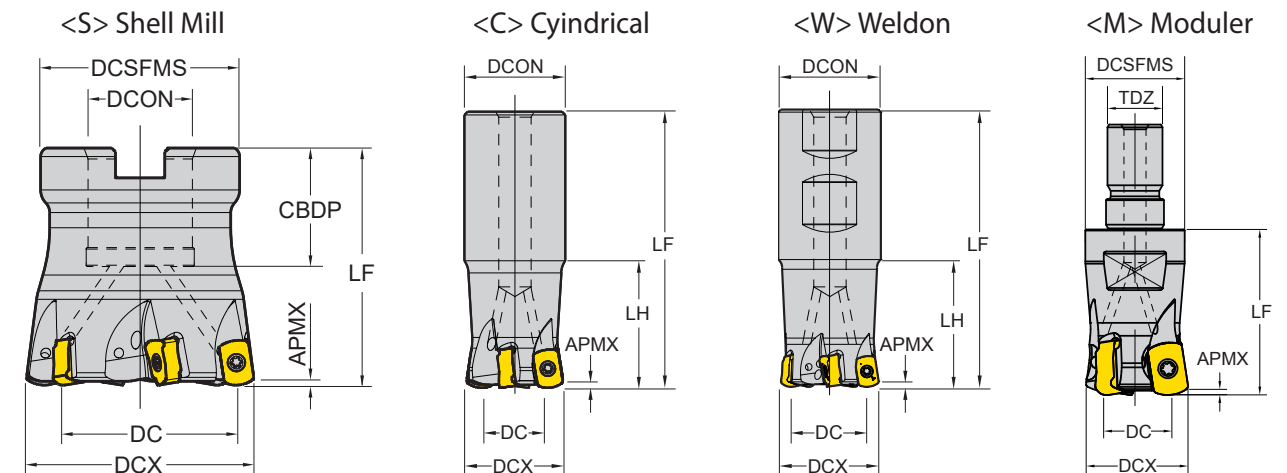
Geometry Type	Designation	EDP (YG602)
ENMX General Carbon Steel Low Alloy Steel	ENMX 0604	12000474
ENMX -TR Reinforced Edge High Alloy Steel Hardened Steel Cast Iron	ENMX 0604 - TR	12000459

Feed per tooth & Depth of Cut (Alloy Steel)



Cutting Speed			Vc (m/min.)		Vc (ft/min.)		Cutting Speed			Vc (m/min.)		Vc (ft/min.)	
ISO	VDI	Sub Group	YG602				ISO	VDI	Sub Group	YG602			
			Min	Max	Min	Max				Min	Max	Min	Max
P	1~5	Non-Alloyed Steel	140	380	460	1250	K	15~16	Grey Cast Iron	120	250	390	820
	6~9	Low-Alloyed Steel	120	300	390	980		17~18	Nodular Cast Iron	130	220	430	720
	10~11	High-Alloyed Steel	70	150	230	490	N	21~30	Non-Ferrous Metals (Al)	-	-	-	-
M	12~13	Ferritic & Martensitic	120	200	390	660	S	31~37	Superalloys & Titanium	25	45	80	150
	14	Austenitic Stainless Steel	130	250	430	820	H	38~41	Hard Materials	40	80	130	260

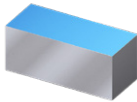
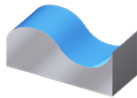
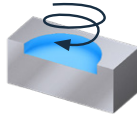
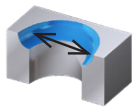
Technical information



Unit: mm (inch)

Programmed Corner Radius RP	Uncut Thickness UTCN	Overcut
2 (.079)	0.31 (.012)	0 (.000)
2.5 (.098)	0.18 (.007)	0.18 (.007)
3 (.118)	0.07 (.003)	0.36 (.014)

Unit: mm (inch)

									
General	Plunging	Ramping	Profiling	Helical Interpolation		Enlarge Hole			
External Cutter Diameter	Maximum Depth of Cut	Maximum Radial Depth of Cut	Maximum Ramping Angle(°)	Programmed Corner Radius	Uncut Thickness	Minimum Cutting Diameter	Maximum Cutting Diameter	Helical Interpolation Pitch	Enlarge Width
DCX	APMX	APMXR	RMPX	RP	UTCN	Diameter	Diameter	Pitch	Ae
16 mm (.625 in)	0.9 (.035)	3.5 (.137)	3.6°	R2.0 (R.079)	0.3 (.011)	21 (.817)	30 (1.171)	0.9 (.035)	12.5 (.487)
20 mm (.75 in)	1 (.039)	3.7 (.145)	3.3°	R2.0 (R.079)	0.31 (.012)	29 (1.067)	38 (1.421)	1 (.039)	16.3 (.604)
25 mm (1.00 in)	1 (.039)	3.7 (.145)	2.2°	R2.0 (R.079)	0.31 (.012)	39 (1.567)	48 (1.921)	1 (.039)	21.3 (.854)
32 mm (1.25 in)	1 (.039)	3.7 (.145)	1.5°	R2.0 (R.079)	0.31 (.012)	53 (2.067)	62 (2.421)	1 (.039)	28.3 (1.104)
40 mm (1.50 in)	1 (.039)	3.7 (.145)	1.1°	R2.0 (R.079)	0.31 (.012)	69 (2.567)	78 (2.921)	1 (.039)	36.3 (1.354)
50 mm (2.00 in)	1 (.039)	3.7 (.145)	0.8°	R2.0 (R.079)	0.31 (.012)	89 (3.567)	98 (3.921)	1 (.039)	46.3 (1.854)