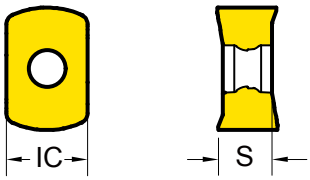
Milling - High Feed Milling - Inserts

ENMX - High Feed Negative (4 Corners)

Refer to Milling Cutter p. 208 - 210

Series	IC	S
ENMX 0402	4.0	2.35
ENMX 0604	6.3	4.21
ENMX 0905	9.0	5.40

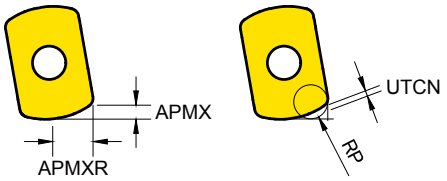


EDP 1200.. ●: Stock item ○: Order made item

ENMX		Designation	RE (mm)	Fz (mm/tooth)	BS (mm)	APMX (mm)	H20 P20 YG012	P15 YG712	P25 YG713	P30 K30 YG622	P30 M30 S30 YG612	P30 M30 YG602	P40 M40 S40 YG613	K10 YG5020	K15 YG501	S40 YG904
ENMX General		ENMX 0604	0.8	0.3 - 2.0	-	1.0	● 0734				● 0822	● 0474	● 0606			● 1186
		ENMX 0905	1.0	0.3 - 2.5	-	1.5	● 0736				● 0824	● 0702	● 0703			
- ST Stainless Steel		ENMX 0402 - ST	0.5	0.2 - 0.8	-	0.5					● 1064		● 1065			
		ENMX 0604 - ST	0.8	0.1 - 0.8	-	1.0					● 0973	● 0623	● 0625			● 1184
		ENMX 0905 - ST	1.0	0.2 - 1.2	-	1.5					● 0974	● 0705	● 0706			● 1187
- TR Hardened Steel		ENMX 0402 - TR	0.5	0.2 - 1.3	-	0.5	● 1060	● 1062			● 1059		● 1061			
		ENMX 0604 - TR	0.8	0.3 - 2.5	-	1.0	● 0733	● 0504	○ 0636		● 0823	● 0459				● 1185
		ENMX 0905 - TR	1.0	0.3 - 3.0	-	1.5	● 0735				● 0825	● 0600	● 0874			

ENMX - High Feed Negative (4 Corners) Technical Information

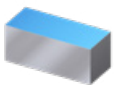
ENMX 0402



Unit: mm

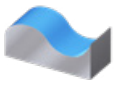
APMXR Radial AP Max
0.5

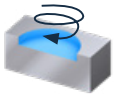
RP Programmed Corner R	UTCN Uncut Thickness	Overcut
0.8	0	0.25
0.9	0	0.22
1	0.01	0.19

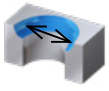

General


Plunging


Ramping


Profiling


Helical Interpolation


Enlarge Hole

DCX External Cutter Diameter	APMX Maximum Depth of Cut	APMXR Maximum Radial Depth of Cut	RMPX Maximum Ramping Angle(°)	RP Programmed Corner Radius	UTCN Uncut Thickness	Diameter Maximum Cutting Diameter	Pitch Helical Interpolation Pitch	Diameter Minimum Cutting Diameter	Pitch Helical Interpolation Pitch	Ae Enlarge Width
8	0.5	2.4	0.5	0.9	0.22	16	0.2	11.6	0.1	5.6
10	0.5	2.4	0.7	0.9	0.22	20	0.4	15	0.2	7.6
11	0.5	2.4	0.7	0.9	0.22	22	0.4	16.8	0.2	8.6
12	0.5	2.4	1	0.9	0.22	24	0.5	18.4	0.4	9.6
13	0.5	2.4	1.1	0.9	0.22	26	0.5	20	0.5	10.6
16	0.5	2.4	1	0.9	0.22	32	0.5	25.7	0.5	13.6
17	0.5	2.4	1	0.9	0.22	34	0.5	27.6	0.5	14.6
20	0.5	2.4	0.9	0.9	0.22	40	0.5	33.6	0.5	17.6
21	0.5	2.4	0.7	0.9	0.22	42	0.5	35.6	0.5	18.6
25	0.5	2.4	0.7	0.9	0.22	50	0.5	43.4	0.5	22.6
32	0.5	2.4	0.5	0.9	0.22	64	0.5	57.4	0.5	29.6