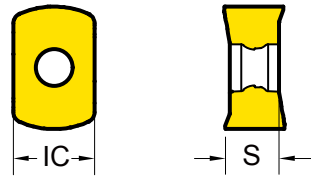


Milling - High Feed Milling - Inserts
ENMX - High Feed Negative (4 Corners)

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

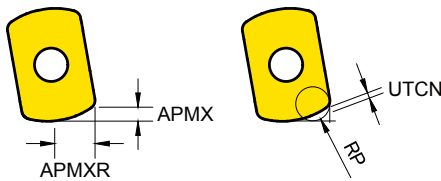


EDP 1200.. ●: Stock item ○: Order made item

ENMX	Designation	RE (mm)	Fz (mm/tooth)	BS (mm)	APMX (mm)	EDP 1200..									
						YG012	YG712	YG713	YG622	YG612	YG602	YG613	YG5020	YG501	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



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

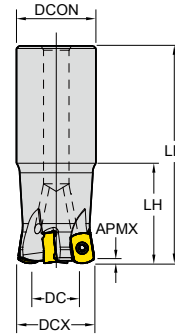


DCX External Cutter Diameter	APMX Maximum Depth of Cut	APMXR Maximum Radial Depth of Cut	RMPX Maximum Ramping Angle(°)	RP Programmed Corner Radius	UTCN Uncut Thickness	Diameter Maximum Cutting Diameter	Pitch Helical Interpolation Pitch	Diameter Minimum Cutting Diameter	Pitch Helical Interpolation Pitch	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

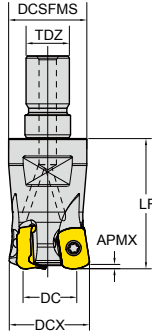
Milling - High Feed Milling - Cutter
Cutters for ENMX

Entering Angle : 10°
 4 Corner Negative

<C> Cylindrical



<M> Modular



CICT : Number of Inserts
 CBDP : Connection Bore Depth

☐ : Refer to p. 175

Unit : mm

Series	APMX	Designation	EDP 1700..	DC	DCX	CICT	LF	Type	DCON /TDZ	LH	CBDP	DCSFMS	☉
NEW ENMX 0402	0.5	EHF-EN04-D08Z1C08-L80	1287D	3.18	8	1	80	Cylindrical	08	20	-	-	●
		EHF-EN04-D10Z2C10-L100	1288D	5.18	10	2	100		10	20	-	-	●
		EHF-EN04-D11Z2C10-L100	1289D	6.18	11	2	100		10	20	-	-	●
		EHF-EN04-D12Z3C12-L120	1290D	7.18	12	3	120		12	20	-	-	●
		EHF-EN04-D13Z3C12-L120	1291D	8.18	13	3	120		12	20	-	-	●
		EHF-EN04-D16Z4C16-L150	1292D	11.18	16	4	150		16	40	-	-	●
		EHF-EN04-D17Z4C16-L150	1293D	12.18	17	4	150		16	40	-	-	●
		EHF-EN04-D20Z5C20-L150	1294D	15.18	20	5	150		20	40	-	-	●
	EHF-EN04-D21Z5C20-L150	1295D	16.18	21	5	150	20	40	-	-	●		
	Modular	MHF-EN04-D10Z2M06	1296D	5.18	10	2	17	M06	-	-	9.7	●	
		MHF-EN04-D11Z2M06	1297D	6.18	11	2	17	M06	-	-	9.7	●	
		MHF-EN04-D12Z3M06	1298D	7.18	12	3	17	M06	-	-	11	●	
		MHF-EN04-D13Z3M06	1299D	8.18	13	3	17	M06	-	-	11	●	
		MHF-EN04-D16Z4M08	1300D	11.18	16	4	23	M08	-	-	13	●	
		MHF-EN04-D20Z5M10	1301D	15.18	20	5	23	M10	-	-	18	●	
		MHF-EN04-D25Z7M12	1302D	20.18	25	7	27	M12	-	-	21	●	
		MHF-EN04-D32Z8M16	1303D	27.18	32	8	27	M16	-	-	29	●	

* Clamping Torque (Nm) 0.6Nm

ENMX04	Screw	Wrench	Handle	BIT
Description	TP061804-GS	TPWBTP06	DH-H4	DB-TP06
EDP	18000272	18000277	18000189	18000274