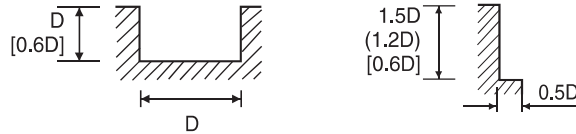




CARBIDE, 4 FLUTE

EMD56, EMD57, EMD58, EMD59, EMD46, EMD47, EMD48, EMD49 SERIES

MATERIAL	ALLOY STEELS CAST IRON		ALLOY STEELS CAST IRON	
	~ HRc 30		HRc 30 ~ HRc 40	
HARDNESS	~ 1000N/mm ²		1000 ~ 1300N/mm ²	
STRENGTH				
DIAMETER	RPM	FEED	RPM	FEED
1/8	12735	10.2	8910	7.1
3/16	8490	10.9	5940	7.6
1/4	6370	11.5	4460	8.1
5/16	5100	13.0	3560	9.1
3/8	4245	18.4	2970	12.7
7/16	4010	24.5	2800	17.0
1/2	3500	25.9	2460	18.0
9/16	3110	26.0	2180	18.1
5/8	2800	26.1	1960	18.3
3/4	2340	24.0	1640	16.7
1	1755	17.4	1230	12.2



* 1.2 x D Axial cutting depth should be applied for Short length series DIA over 5/16mm
 * 0.6 x D Axial cutting depth should be applied for Stub length series.

* () : Short length Type
 * [] : Stub length Type

RPM = rev./min.
 FEED = inch/min.

CARBIDE**HSS****V7 Mill STEEL
END MILLS****EMD38 SERIES**

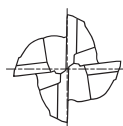
PLAIN SHANK

EMD39 SERIES

FLAT SHANK

CARBIDE, 4 FLUTE MULTIPLE HELIX REGULAR LENGTH

- ▶ Special flute geometry and multiple helix eliminate vibrations
- ▶ Designed for machine mild steels, cast irons, tool steels, and low hardened steels up to HRc 40.
- ▶ Excellent work piece finishes.
- ▶ Higher speeds, deeper cuts and higher metal removal rates.

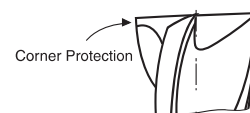


◇ Call for Availability

Unit : mm

EDP No.		Mill Diameter		Shank Diameter	Length of Cut	Overall Length
PLAIN	FLAT	Metric	Inch			
EMD38030	EMD39030	3.0	.1181	6	8	57
EMD38040	EMD39040	4.0	.1575	6	11	57
EMD38050	EMD39050	5.0	.1969	6	13	57
EMD38060	EMD39060	6.0	.2362	6	13	57
EMD38080	EMD39080	8.0	.3150	8	19	63
EMD38100	EMD39100	10.0	.3937	10	22	72
EMD38120	EMD39120	12.0	.4724	12	26	83
EMD38140	EMD39140	14.0	.5512	14	26	83
EMD38160	EMD39160	16.0	.6299	16	32	92
EMD38180	EMD39180	18.0	.7087	18	32	92
EMD38200	EMD39200	20.0	.7874	20	38	104
EMD38250	EMD39250	25.0	.9800	25	38	104

Mill Dia. Tolerance (inch)	Shank Dia. Tolerance
0~-.0012	h6



Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HRc20	HRc20~30	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
◎	◎	◎	○					○		○		

◎ : Excellent ○ : Good