

END MILL FOR HARDENED STEEL UP TO 70 HRC

Series 450 HPE Rocket Mill

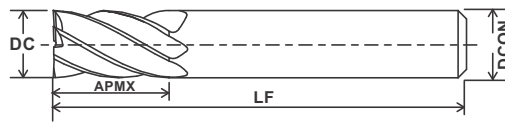


Metric Sizes, Multiple Flute

Tolerance for cutter Diameter
 Smaller than Dia 3mm +0.000/-0.025
 Dia 3mm and Larger +0.000/-0.038



450



EDP Number	Mill Diameter	OAL	Length of Cut	Shank Diameter	No. of Flutes
	DC	LF	APMX	DCON	
450-118111	3	57	8	6	4
450-157511	4	57	11	6	4
450-196911	5	57	13	6	4
450-236211	6	57	13	6	6
450-315011	8	63	19	8	6
450-393711	10	72	22	10	6

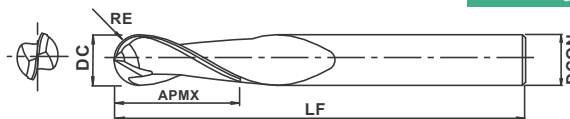
EDP Number	Mill Diameter	OAL	Length of Cut	Shank Diameter	No. of Flutes
	DC	LF	APMX	DCON	
450-472411	12	83	26	12	6
450-551211	14	83	26	14	6
450-629911	16	92	32	16	6
450-708711	18	92	32	18	6
450-787411	20	104	38	20	6
450-984311	25	121	50	25	6

Series 4512 HPE MOON BALL



Metric Size, 2 Flute
 For Hard Material Die

Tolerance for cutter Radius
 R<3 ± 0.005
 3 ≤ R ≤ 6 ± 0.007
 6 < R ± 0.01



EDP Number	Mill Diameter	OAL	Length of Cut	Neck Length	Shank Diameter	No. of Flute
	RE x DC	LF	APMX	LN	DCON	
451201017	R0.5x1	39	1.5	2.5	4	2
451202017	R1x2	39	3	5	4	2
451203017	R1.5x3	39	4.5	-	4	2
451204017	R2x4	51	6	-	4	2
451205017	R2.5x5	51	7.5	-	5	2
451206017	R3x6	64	9	-	6	2
451208017	R4x8	64	12	-	8	2
451210017	R5x10	70	15	-	10	2
451212017	R6x12	100	18	-	12	2
451216017	R8x16	89	24	-	16	2
451220017	R10x20	102	30	-	20	2

Work Material																
Serial No.	Aluminum		Cast Iron	Low Carbon Steel	Med. Carbon Steel	High Carbon Steel	Alloy Steel	Die Steels	Titanium	High Nickel Alloy	Stainless Steels			Die Steels		
	6061, 7075	Castings		1010, 1018	1035, 1045	1065	4140, 4340	20 Hrc	6AL4V (30Hrc)	20 Hrc	300	400	17-4PH	45 Hrc	55 Hrc	65 Hrc
450 4512			○	○	○	○	○	○	○	○				○	○	○

○ Excellent ○ Fair