



Size  $\phi 1 \sim \phi 12$

# HMS

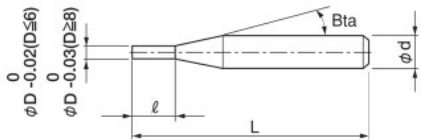


Material Applications (★ Highly Recommended ● Recommended ○ Suggested)

Work Material																	
Carbon Steels S45C S55C	Alloy Steels SK / SCM SUS	Prehardened Steels NAK HPM	Hardened Steels					Cast Iron	Aluminum Alloys	Graphite	Copper	Plastics	Glass Filled Plastics	Titanium Alloys	Heat Resistant Alloys	Cemented Carbide	Hard Brittle (Non-Metallic) Materials
			~50HRC	~55HRC	~60HRC	~65HRC	~70HRC										
		○	●	●	●	●											

### Features

Offering outstanding tool life by selecting appropriate 3, 4 or 6 flutes on each tool diameter.  
Highly efficient milling on hard materials up to 65HRC with HARDMAX COAT.



The shank taper angle shown is not an exact value and to avoid contact with the work piece, we recommend the user controls the precise value of this angle. Shank taper angle should not make contact with the work piece.

Total 27 models

Unit (mm)

Model Number	Outside Diameter $\phi D$	Length of Cut $\ell$	Shank Taper Angle $Bta$	Overall Length $L$	Shank Diameter $\phi d$	Number of Flutes	Suggested Retail Price $\yen$
HMS 3010-0250	1	2.5	16°	45	4	3	7,500
HMS 3010-0350		3.5		45			10,800
HMS 3015-0400	1.5	4	16°	45	4	3	7,500
HMS 3015-0600		6		45			10,800
HMS 3020-0400	2	4	16°	45	4	3	6,700
HMS 3020-0700		7		45			10,000
HMS 3030-0600	3	6	16°	50	6	3	9,240
HMS 3030-1000		10		60			9,800
HMS 3030-1500		15		60			10,920
HMS 4040-0800	4	8	16°	50	6	4	9,870
HMS 4040-1200		12		60			10,470
HMS 4040-2000		20		70			11,450
HMS 4050-1000	5	10	16°	50	6	4	10,500
HMS 4050-1500		15		60			11,100
HMS 4050-2500		25		70			12,180
HMS 6060-1300	6	13	—	50	6	6	11,340
HMS 6060-1800		18		60			12,100
HMS 6060-2600		26		70			13,230
HMS 6080-1900	8	19	—	60	8	6	14,630
HMS 6080-2400		24		70			15,000
HMS 6080-3600		36		90			17,160
HMS 6100-2200	10	22	—	70	10	6	18,360
HMS 6100-3000		30		80			20,000
HMS 6100-4600		46		100			22,990
HMS 6120-2600	12	26	—	75	12	6	24,750
HMS 6120-3600		36		100			25,400
HMS 6120-5600		56		120			28,600