

# Ball-nose End Mill with 4 Flutes

No. of Flutes: 4

## 4YEBM



Workpiece Materials ★ 1st choice

★  
**P**  
~30HRC

★  
**P**  
30~40HRC

★  
**M**  
Stainless steel

★  
**S**  
Titanium Alloys

**S**  
Heat-resistant Alloys

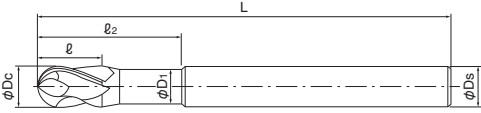
**K**  
Cast Iron

**TiAlN**

h6  
Shank Dia.

±0.01  
mm  
R<sub>s</sub>

38°



## 4YEBM (Ball-nose End Mill with 4 Flutes)

Shouldering Slotting

(Unit : mm)

Description	Std.	*Radius of Ball Nose	Outside Dia.	Mill Dia. tolerance	Length of cut	Neck Dia.	Under Neck Length	Shank diameter	Overall length
		R	øDc		ℓ	øD1	ℓ2	øDs	L
4YEBM050-090-06	<input type="checkbox"/>	R2.5	5	-0.020 -0.038	9	4.5	15	6	57
4YEBM060-100-06	<input type="checkbox"/>	R3	6	-0.020 -0.038	10	5.5	15	6	57
4YEBM080-120-08	<input type="checkbox"/>	R4	8	-0.025 -0.047	12	7.4	20	8	63
4YEBM100-140-10	<input type="checkbox"/>	R5	10	-0.025 -0.047	14	9.2	25	10	72
4YEBM120-160-12	<input type="checkbox"/>	R6	12	-0.032 -0.059	16	11	30	12	83
4YEBM160-220-16	<input type="checkbox"/>	R8	16	-0.032 -0.059	22	15	38	16	92
4YEBM200-260-20	<input type="checkbox"/>	R10	20	-0.040 -0.073	26	19	50	20	104

No. of Flutes Z=4

※ Actual ball-nose radius will be half of actual measurement of outer diameter.

● Ball-nose end mill for semi-finishing of difficult-to-cut materials.



Recommended Cutting Conditions ● L46

: Check Availability