GS-MILL HARD / METRIC SIZES
GS-MILL HARD BALL / METRIC SIZES

JAPAN STOCK ITEM*

List No.9398 GS-MILL HARD

This end mill is most suitable for super-high-speed machining of hardened material by “GS Hard Coat”.

(Unit) : mm

Dia. of Mill	Shank Dia.	Length of Cut	No. of Flutes	Overall Length
1	6	3	4	50
1.5	6	4	4	50
2	6	6	4	50
3	6	8	6	50
4	6	11	6	50
5	6	13	6	50
6	6	13	6	50
8	8	19	6	60
10	10	22	6	70
12	12	26	6	75
16	16	32	8	90
20	20	38	8	100

1 per tube

Dia. of Mill (mm)		Tolerance (mm)
Above	Up to	
	3	0~−0.015
3		0~−0.030

List No.9422

Suitable for high efficiency and high precision finishing of hardened die and mold.

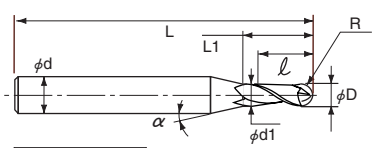
(Unit) : mm

Ball Radius	Dia. of Mill D	Shank Dia.	Length of Cut	L1	α	Overall Length
0.2	0.4	4	0.4	0.6	10°	50
0.3	0.6	4	0.6	0.9	10°	50
0.5	1	4	1	1.5	10°	50
0.75	1.5	4	1.5	2.3	10°	50
1	2	6	2	3	15°	60
1.25	2.5	6	2.5	3.8	15°	60
1.5	3	6	3	4.5	15°	60
2	4	6	4	6	15°	70
2.5	5	6	5	7.5	15°	80
3	6	6	6	—	—	80
4	8	8	8	—	—	90
5	10	10	10	—	—	100
6	12	12	12	—	—	110

Tolerance of Ball Radius : +0.003~-0.007mm

1 per tube

✻JAPAN STOCK ITEM : Please allow 2-3 weeks delivery



D < d1

d1=D+ appro×0.05mm