



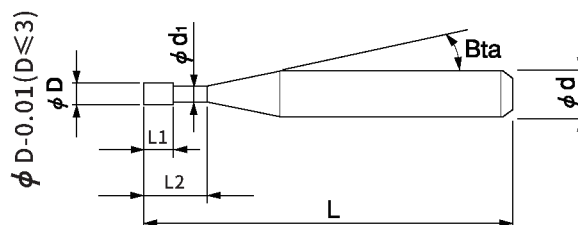
MG

HG
CoatingSD
0-0.003

Highly recommend ★ ○ ○
/Recommend/Suggest

Specialty

*4 Flutes Long Neck Square End Mills for Mold Steels;
*Broad application range from Copper to Hardened
Materials up to HRC65.



4 Flutes

Total 24 models

Unit (mm)

Model Number	D Outside Diameter	L1 Length Of Cut	L2 Effective Length	Bta Shank Taper Angle	L Overall Length	T Number Of Flutes	d Shank Diameter	In Stock
SHGLS4-010040	1.0	1.5	4	12°	50	4	4	○
SHGLS4-010060	1.0	1.5	6	12°	50	4	4	○
SHGLS4-010080	1.0	1.5	8	12°	50	4	4	○
SHGLS4-010100	1.0	1.5	10	12°	50	4	4	○
SHGLS4-015045	1.5	2.3	4.5	12°	50	4	4	○
SHGLS4-015060	1.5	2.3	6	12°	50	4	4	○
SHGLS4-015080	1.5	2.3	8	12°	50	4	4	○
SHGLS4-015100	1.5	2.3	10	12°	50	4	4	○
SHGLS4-020060	2.0	3.0	6	12°	50	4	4	○
SHGLS4-020080	2.0	3.0	8	12°	50	4	4	○
SHGLS4-020100	2.0	3.0	10	12°	50	4	4	○
SHGLS4-020120	2.0	3.0	12	12°	50	4	4	○
SHGLS4-020160	2.0	4.5	16	12°	50	4	4	○
SHGLS4-020200	2.0	4.5	20	12°	50	4	4	○
SHGLS4-030080	3.0	4.5	8	12°	50	4	4	○
SHGLS4-030100	3.0	4.5	10	12°	50	4	4	○
SHGLS4-030120	3.0	4.5	12	12°	50	4	4	○
SHGLS4-030160	3.0	4.5	16	12°	50	4	4	○
SHGLS4-030200	3.0	4.5	20	12°	50	4	4	○

Long Neck
Square

Nextpage ➡

Total 24 models

Unit (mm)

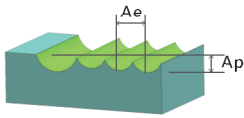
Model Number	D Outside Diameter	L1 Length Of Cut	L2 Effective Length	Bta Shank Taper Angle	L Overall Length	T Number Of Flutes	d Shank Diameter	In Stock
SHGLS4-030080-6	3.0	4.5	8	12°	50	4	6	○
SHGLS4-030100-6	3.0	4.5	10	12°	50	4	6	○
SHGLS4-030120-6	3.0	4.5	12	12°	50	4	6	○
SHGLS4-030160-6	3.0	4.5	16	12°	50	4	6	○
SHGLS4-030200-6	3.0	4.5	20	12°	50	4	6	○

*New size added from this series.

○ Stocked items.

4 Flutes

Long Neck Square



Work Material		HRC30-45 Prehardened Steels		HRC45-55 Hardened Steels		HRC55-65 Hardened Steels	
(mm) Diameter	(mm) Effective Length	(min-1) Speed	(mm/min) Feed	(min-1) Speed	(mm/min) Feed	(min-1) Speed	(mm/min) Feed
D1.0	4	13000	1300	12000	1200	8500	800
D1.0	6	11000	1000	10000	800	7000	500
D1.0	8	10000	800	8500	700	6000	400
D1.0	10	9000	500	7500	500	5500	300
D1.5	4	13000	1400	13000	1200	10000	1000
D1.5	6	11000	1200	10000	1000	8000	800
D1.5	8	10000	1000	9000	900	7000	600
D1.5	10	9000	900	8500	800	6500	500
D2.0	6	12000	1500	10000	1200	7000	800
D2.0	8	11000	1300	9000	1000	7000	600
D2.0	10	10000	1200	8000	800	6000	500
D2.0	12	9000	900	7000	700	6000	400
D2.0	16	7500	700	6000	600	5000	200
D2.0	20	7000	400	5500	300	3500	100
D3.0	8	8500	2000	8000	1800	6000	1000
D3.0	10	8500	2000	8000	1800	6000	1000
D3.0	12	8000	1800	7000	1600	5000	700
D3.0	16	7000	1400	6000	1200	4000	400
D3.0	20	6500	1200	5500	1000	3500	300
D3.0	8	8500	2000	8000	1800	6000	1000
D3.0	10	8500	2000	8000	1800	6000	1000
D3.0	12	8000	1800	7000	1600	5000	700
D3.0	16	7000	1400	6000	1200	4000	400
D3.0	20	6500	1200	5500	1000	3500	300

Note:

* Decrease both spindle speed and feed rate proportionally when the milling parameters exceed the machine's maximum spindle speed;

* Recommend oil coolant for Stainless Steels and Heat Resistance Alloys;

* Recommend using a non-contact measuring device to avoid damaging the precision tip point.

4 Flutes

Long Neck
Square