

CARBIDE



Being the best through innovation



D-POWER

- D-power 加工石墨
加工低硅铝和铜合金的经济型产品

D-Power for Graphites.
Economy type for Low Silicon Aluminium and Copper Alloys.

SELECTION GUIDE

用于加工石墨的金刚石涂层硬质合金铣刀 DIAMOND COATED CARBIDE END MILLS for GRAPHITE

项目	型号	规格	尺寸		页
			最小	最大	
ITEM	MODEL	DESCRIPTION	SIZE		PAGE
			MIN	MAX	
EI997		硬质合金, 2刃 微型 球头 CARBIDE, 2 FLUTE MINIATURE BALL NOSE	R0.1	R3.0	774
EIB93		硬质合金, 2刃 微型 球头 CARBIDE, 2 FLUTE MINIATURE BALL NOSE	R0.2	R2.0	776
EI880		硬质合金, 2刃 短刃 球头 CARBIDE, 2 FLUTE SHORT LENGTH BALL NOSE	R1.0	R6.0	777
EI451		硬质合金, 2刃 长刃 球头 CARBIDE, 2 FLUTE LONG LENGTH BALL NOSE	R1.0	R6.0	778
EI450		硬质合金, 2刃 长刃 球头 CARBIDE, 2 FLUTE LONG REACH BALL NOSE	R1.0	R6.0	779
EI881		硬质合金, 3刃 短刃 球头 CARBIDE, 3 FLUTE SHORT LENGTH BALL NOSE	R1.0	R6.0	780
EIB04		硬质合金, 2刃 长刃 CARBIDE, 2 FLUTE LONG LENGTH	D0.5	D12.0	781
EIB87		硬质合金, 2刃 球头 锥形颈 CARBIDE, 2 FLUTE BALL NOSE with TAPER NECK	R0.5	R1.0	782
EI996		硬质合金, 2刃 微型 圆鼻铣刀 CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS	D0.2	D6.0	783
EIB86		硬质合金, 2刃 圆鼻铣刀 锥形颈 CARBIDE, 2 FLUTE CORNER RADIUS with TAPER NECK	D1.0	D2.0	785
EIB88		硬质合金, 4刃 圆鼻铣刀 CARBIDE, 4 FLUTE CORNER RADIUS	D6.0	D12.0	786
EIA13		硬质合金, 3刃 40度螺旋角 短刃 圆鼻铣刀 CARBIDE, 3 FLUTE 40° HELIX SHORT LENGTH CORNER RADIUS	D2.0	D12.0	787
EIA14		硬质合金, 3刃 40度螺旋角 长刃 圆鼻铣刀 CARBIDE, 3 FLUTE 40° HELIX LONG LENGTH CORNER RADIUS	D2.0	D12.0	788

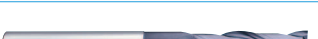
D-POWER END MILLS

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	铭镍铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
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SELECTION GUIDE

D-POWER 经济型金刚石涂层硬质合金铣刀 D-POWER ECONOMY DIAMOND COATED CARBIDE END MILLS

项目	型号	规格	尺寸		页
			最小	最大	
ITEM	MODEL	DESCRIPTION	SIZE		PAGE
			MIN	MAX	
GEB46		硬质合金, 2刃 微型 球头 CARBIDE, 2 FLUTE MINIATURE BALL NOSE	R0.1	R3.0	789
GE944		硬质合金, 2刃 短刃 球头 CARBIDE, 2 FLUTE SHORT LENGTH BALL NOSE	R1.0	R6.0	791
GE945		硬质合金, 2刃 长刃 球头 CARBIDE, 2 FLUTE LONG LENGTH BALL NOSE	R1.0	R6.0	792
GE946		硬质合金, 2刃 长刃 球头 CARBIDE, 2 FLUTE LONG REACH BALL NOSE	R1.0	R6.0	793
GE947		硬质合金, 3刃 短刃 球头 CARBIDE, 3 FLUTE SHORT LENGTH BALL NOSE	R1.0	R6.0	794
GE927		硬质合金, 2刃 长刃 CARBIDE, 2 FLUTE LONG LENGTH	D0.5	D12.0	795
GEB02		硬质合金, 2刃 球头 锥形颈 CARBIDE, 2 FLUTE BALL NOSE with TAPER NECK	R0.5	R1.0	796
GEB45		硬质合金, 2刃 微型 圆鼻铣刀 CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS	D0.2	D6.0	797
GEB01		硬质合金, 2刃 圆鼻铣刀 锥形颈 CARBIDE, 2 FLUTE CORNER RADIUS with TAPER NECK	D1.0	D2.0	799
GEB03		硬质合金, 4刃 圆鼻铣刀 CARBIDE, 4 FLUTE CORNER RADIUS	D6.0	D12.0	800
GE926		硬质合金, 2刃 45度螺旋角 CARBIDE, 2 FLUTE 45° HELIX	D1.0	D20.0	801
GE928		硬质合金, 3刃 40度螺旋角 短刃 圆鼻铣刀 CARBIDE, 3 FLUTE 40° HELIX SHORT LENGTH CORNER RADIUS	D2.0	D12.0	802
GE929		硬质合金, 3刃 40度螺旋角 长刃 圆鼻铣刀 CARBIDE, 3 FLUTE 40° HELIX LONG LENGTH CORNER RADIUS	D2.0	D12.0	803
推荐的切削条件 RECOMMENDED CUTTING CONDITIONS					804

D-POWER END MILLS



◎ : 优(Excellent) ○ : 良(Good)

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Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
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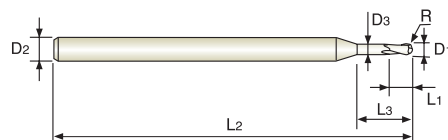


硬质合金, 2刃 微型 球头

CARBIDE, 2 FLUTE MINIATURE BALL NOSE

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细涂层能够确保被加工材料的表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

- ▶ Higher hardness of film and excellent wear-resistance increase the tool life surprisingly.
- ▶ Ultra fine film of YG-1's diamond coated carbide ball end mills ensure the smooth and excellent surface on work materials.
- ▶ High performance on graphite, wrought aluminum, bakelite, plastics, wood, brass etc. YG-1's diamond coated carbide ball end mills have good result for the machining of non-ferrous metals and non-metallic materials.



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单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EI997002000040	RO.1	0.2	3	0.2	-	40	-
EI997003000040	RO.15	0.3	3	0.3	-	40	-
EI997004000040	RO.2	0.4	3	0.4	-	40	-
EI997005025040	RO.25	0.5	3	0.5	2.5	40	0.45
EI997006	RO.3	0.6	3	0.6	3	40	0.55
EI997006050040	RO.3	0.6	3	0.6	5	40	0.55
EI997008	RO.4	0.8	3	0.8	4	40	0.75
EI997008070040	RO.4	0.8	3	0.8	7	40	0.75
EI997010	RO.5	1.0	3	1	5	40	0.95
EI997903	RO.5	1.0	3	1	8.5	40	0.95
EI997010120040	RO.5	1.0	3	1	12	40	0.95
EI997012	RO.6	1.2	3	1.2	6	50	1.15
EI997012100050	RO.6	1.2	3	1.2	10	50	1.15
EI997015	RO.75	1.5	3	1.5	7.5	50	1.4
EI997906	RO.75	1.5	3	1.5	12	50	1.4
EI997015180050	RO.75	1.5	3	1.5	18	50	1.4
EI997020	R1.0	2.0	3	2.2	10	60	1.9
EI997908	R1.0	2.0	3	2.2	16	60	1.9
EI997020250060	R1.0	2.0	3	2.2	25	60	1.9
EI997030100065	R1.5	3.0	4	3	10	65	2.9
EI997030150065	R1.5	3.0	4	3	15	65	2.9
EI997030200065	R1.5	3.0	4	3	20	65	2.9
EI997030250075	R1.5	3.0	4	3	25	75	2.9
EI997030300075	R1.5	3.0	4	3	30	75	2.9
EI997040200065	R2.0	4.0	6	4	20	65	3.9
EI997040300075	R2.0	4.0	6	4	30	75	3.9
EI997040400090	R2.0	4.0	6	4	40	90	3.9

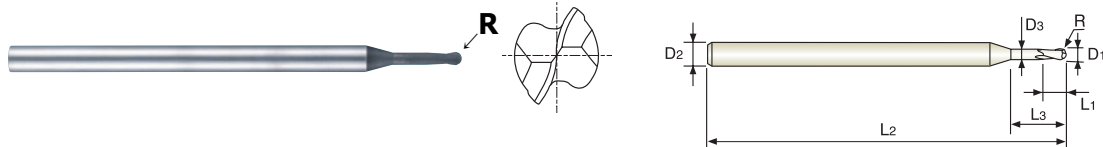
◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRc40~45	HRc45~55	HRc55~70		◎		○			

硬质合金, 2刃 微型 球头**CARBIDE, 2 FLUTE MINIATURE BALL NOSE**

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- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
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单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EI997050200065	R2.5	5.0	6	5	20	65	4.9
EI997050300075	R2.5	5.0	6	5	30	75	4.9
EI997050400090	R2.5	5.0	6	5	40	90	4.9
EI997050500090	R2.5	5.0	6	5	50	90	4.9
EI997060300075	R3.0	6.0	6	6	30	75	5.9
EI997060400090	R3.0	6.0	6	6	40	90	5.9
EI997060500090	R3.0	6.0	6	6	50	90	5.9
EI997060600100	R3.0	6.0	6	6	60	100	5.9

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.02	h6

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍钴铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70		◎		○			

◎ : 优(Excellent) ○ : 良(Good)

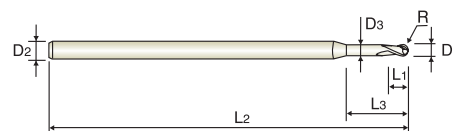


硬质合金, 2刃 微型 球头

CARBIDE, 2 FLUTE MINIATURE BALL NOSE

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- ▶ 在加工石墨、精炼铝、胶木、塑料、木头、铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

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EIB93004040	RO.2	0.4	4	0.6	4	45	0.36
EIB93004060	RO.2	0.4	4	0.6	6	45	0.36
EIB93006040	RO.3	0.6	4	1	4	45	0.56
EIB93006060	RO.3	0.6	4	1	6	45	0.56
EIB93006080	RO.3	0.6	4	1	8	45	0.56
EIB93010060	RO.5	1.0	4	1.5	6	45	0.95
EIB93010080	RO.5	1.0	4	1.5	8	45	0.95
EIB93010120	RO.5	1.0	4	1.5	12	45	0.95
EIB93015120	RO.75	1.5	4	1.75	12	45	1.45
EIB93020080	R1.0	2.0	4	3	8	60	1.95
EIB93020120	R1.0	2.0	4	3	12	60	1.95
EIB93020160	R1.0	2.0	4	3	16	60	1.95
EIB93040160	R2.0	4.0	4	6	16	60	3.9

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.02	h6

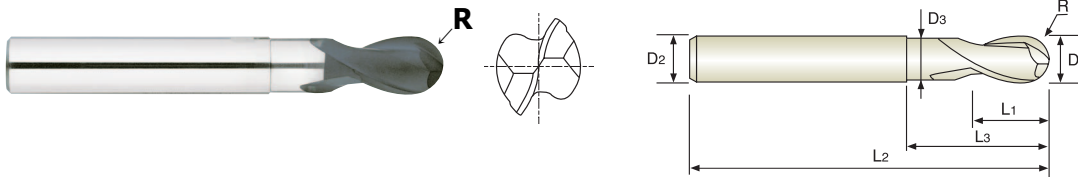
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碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
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						◎		○			

硬质合金, 2刃 短刃 球头**CARBIDE, 2 FLUTE SHORT LENGTH BALL NOSE**

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EI880020	R1.0	2.0	6	3	5	60	1.9
EI880025	R1.25	2.5	6	4	6	60	2.4
EI880030	R1.5	3.0	6	4.5	6.5	60	2.8
EI880035	R1.75	3.5	6	5	7	65	3.2
EI880040	R2.0	4.0	6	6	8	65	3.7
EI880050	R2.5	5.0	6	7.5	10	65	4.6
EI880060	R3.0	6.0	6	9	12	75	5.6
EI880080	R4.0	8.0	8	12	25	75	7.4
EI880100	R5.0	10.0	10	15	30	80	9.4
EI880120	R6.0	12.0	12	18	36	90	11.4

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

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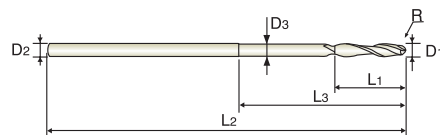


硬质合金, 2刃 长刃 球头

CARBIDE, 2 FLUTE LONG LENGTH BALL NOSE

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EI451020	R1.0	2.0	4	10	20	80	1.95
EI451030	R1.5	3.0	4	15	25	80	2.9
EI451040	R2.0	4.0	4	20	30	80	3.9
EI451050	R2.5	5.0	6	30	50	100	4.9
EI451060	R3.0	6.0	6	30	50	100	5.5
EI451070	R3.5	7.0	6	30	-	100	-
EI451080	R4.0	8.0	8	40	60	110	7.5
EI451090	R4.5	9.0	8	40	-	110	-
EI451100	R5.0	10.0	10	50	70	120	9.5
EI451120	R6.0	12.0	12	55	75	130	11.5

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

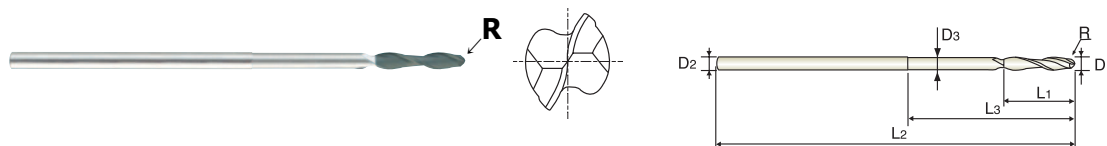
◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
						◎		○			

硬质合金, 2刃 长刃 球头 CARBIDE, 2 FLUTE LONG REACH BALL NOSE

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命.
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度.
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能. YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果.

- ▶ Higher hardness of film and excellent wear-resistance increase the tool life surprisingly.
- ▶ Ultra fine film of YG-1's diamond coated carbide ball end mills ensure the smooth and excellent surface on work materials.
- ▶ High performance on graphite, wrought aluminum, bakelite, plastics, wood, brass etc. YG-1's diamond coated carbide ball end mills have good result for the machining of non-ferrous metals and non-metallic materials.



单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EI450020	R1.0	2.0	4	10	20	100	1.95
EI450030	R1.5	3.0	4	15	25	100	2.9
EI450040	R2.0	4.0	4	20	30	100	3.9
EI450050	R2.5	5.0	6	30	50	120	4.9
EI450060	R3.0	6.0	6	30	50	150	5.5
EI450070	R3.5	7.0	6	30	-	150	-
EI450080	R4.0	8.0	8	40	60	150	7.5
EI450090	R4.5	9.0	8	40	-	150	-
EI450100	R5.0	10.0	10	50	70	180	9.5
EI450120	R6.0	12.0	12	55	75	200	11.5

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍钴铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70		◎		○			

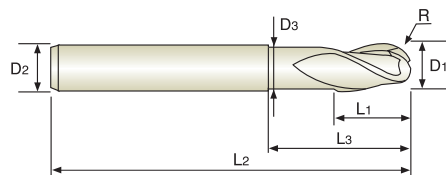
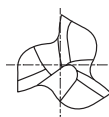


硬质合金, 3刃 短刃 球头

CARBIDE, 3 FLUTE SHORT LENGTH BALL NOSE

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

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单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EI881020	R1.0	2.0	6	3	5	60	1.9
EI881025	R1.25	2.5	6	4	6	60	2.4
EI881030	R1.5	3.0	6	4.5	6.5	60	2.8
EI881035	R1.75	3.5	6	5	7	65	3.2
EI881040	R2.0	4.0	6	6	8	65	3.7
EI881050	R2.5	5.0	6	7.5	10	65	4.6
EI881060	R3.0	6.0	6	9	12	75	5.6
EI881080	R4.0	8.0	8	12	25	75	7.4
EI881100	R5.0	10.0	10	15	30	80	9.4
EI881120	R6.0	12.0	12	18	36	90	11.4

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

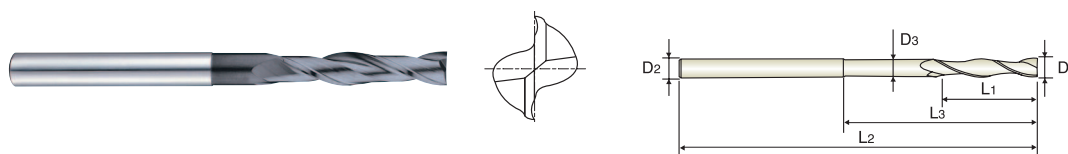
碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
						◎		○			

硬质合金, 2刃 长刃

CARBIDE, 2 FLUTE LONG LENGTH

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

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单位(Unit) : mm

型号 EDP No.	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EIB0400502040	0.5	3	1	2	40	0.45
EIB0400603040	0.6	3	2	3	40	0.55
EIB0400704040	0.7	3	2	4	40	0.65
EIB0400805040	0.8	3	2	5	40	0.75
EIB0400906040	0.9	3	2	6	40	0.85
EIB0401008075	1.0	4	3	8	75	0.95
EIB0401510075	1.5	4	4	10	75	1.45
EIB0402016100	2.0	4	6	16	100	1.9
EIB0402520100	2.5	4	8	20	100	2.4
EIB0403030100	3.0	6	8	30	100	2.8
EIB0403535100	3.5	6	10	35	100	3.2
EIB0404040100	4.0	6	20	40	100	3.7
EIB0405050125	5.0	6	25	50	125	4.6
EIB0406060140	6.0	6	30	60	140	5.6
EIB0407000140	7.0	6	35	-	140	-
EIB0408080150	8.0	8	40	80	150	7.4
EIB0409000150	9.0	8	45	-	150	-
EIB0410080150	10.0	10	50	80	150	9.4
EIB0411000150	11.0	10	50	-	150	-
EIB0412080150	12.0	12	55	80	150	11.4

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70		◎		○			

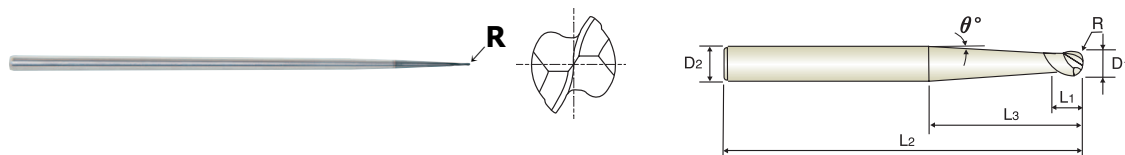


硬质合金, 2刃 球头 锥形脖颈

CARBIDE, 2 FLUTE BALL NOSE with TAPER NECK

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨、精炼铝、胶木、塑料、木头、铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

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单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	脖颈锥度 Neck Taper Angle θ°
EIB87010	RO.5	1.0	3	2	-	40	8°30'
EIB87901	RO.5	1.0	3	2	30	60	2°
EIB87902	RO.5	1.0	3	2	70	100	1°
EIB87015	RO.75	1.5	3	3	-	40	6°15'
EIB87903	RO.75	1.5	3	3	30	60	1°30'
EIB87904	RO.75	1.5	3	3	58	100	45'
EIB87020	R1.0	2.0	3	4	-	40	4°15'
EIB87905	R1.0	2.0	3	4	30	60	1°
EIB87906	R1.0	2.0	4	4	70	100	1°

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.02	h6

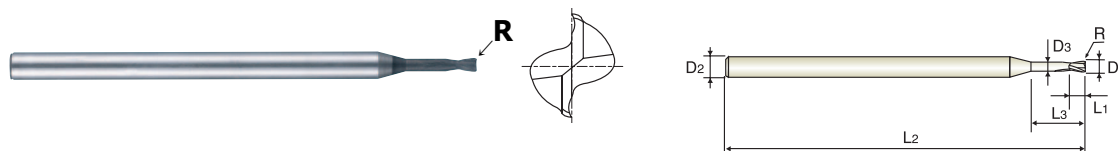
◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70							
						◎		○			

硬质合金, 2刃 微型 圆鼻铣刀 CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加工表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

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单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EI99600200000	-	0.2	3	0.3	-	40	-
EI99600300000	-	0.3	3	0.5	-	40	-
EI99600400000	-	0.4	3	0.6	-	40	-
EI99600505025	RO.05	0.5	3	0.7	2.5	40	0.45
EI99600505040	RO.05	0.5	3	0.7	4	40	0.45
EI996006	RO.05	0.6	3	0.9	3	40	0.55
EI99600605050	RO.05	0.6	3	0.9	5	40	0.55
EI996008	RO.05	0.8	3	1.2	4	40	0.75
EI99600805070	RO.05	0.8	3	1.2	7	40	0.75
EI996010	RO.1	1.0	3	1.5	5	40	0.95
EI996904	RO.1	1.0	3	1.5	8.5	40	0.95
EI99601010120	RO.1	1.0	3	1.5	12	40	0.95
EI996012	RO.1	1.2	3	1.8	6	50	1.15
EI99601210100	RO.1	1.2	3	1.8	10	50	1.15
EI996015	RO.15	1.5	3	2.2	7.5	50	1.4
EI996907	RO.15	1.5	3	2.2	12	50	1.4
EI99601515180	RO.15	1.5	3	2.2	18	50	1.4
EI996020	RO.15	2.0	3	2.2	10	60	1.9
EI996909	RO.15	2.0	3	2.2	16	60	1.9
EI99602015250	RO.15	2.0	3	2.2	25	60	1.9
EI99603020100	RO.2	3.0	4	3	10	65	2.9
EI99603020150	RO.2	3.0	4	3	15	65	2.9
EI99603020200	RO.2	3.0	4	3	20	65	2.9
EI99603020250	RO.2	3.0	4	3	25	75	2.9
EI99603020300	RO.2	3.0	4	3	30	75	2.9
EI99604020200	RO.2	4.0	6	4	20	65	3.9
EI99604020300	RO.2	4.0	6	4	30	75	3.9
EI99604020400	RO.2	4.0	6	4	40	90	3.9

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍钛合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45	HRC45~55	HRC55~70		◎		○			

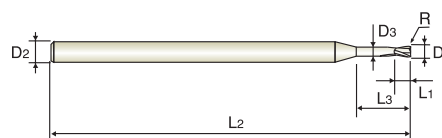


硬质合金, 2刃 微型 圆鼻铣刀

CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

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单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EI99605030200	RO.3	5.0	6	5	20	75	4.9
EI99605030300	RO.3	5.0	6	5	30	75	4.9
EI99605030400	RO.3	5.0	6	5	40	90	4.9
EI99605030500	RO.3	5.0	6	5	50	90	4.9
EI99606030300	RO.3	6.0	6	6	30	75	5.9
EI99606030400	RO.3	6.0	6	6	40	90	5.9
EI99606030500	RO.3	6.0	6	6	50	90	5.9
EI99606030600	RO.3	6.0	6	6	60	100	5.9

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.02	h6

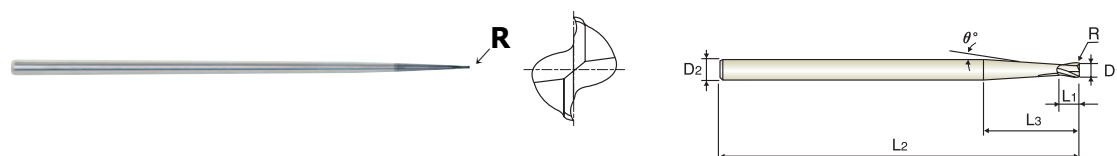
◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRc40~45 HRc45~55	HRc55~70							
						◎		○			

硬质合金, 2刃 圆鼻铣刀 锥形脖颈 CARBIDE, 2 FLUTE CORNER RADIUS with TAPER NECK

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

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单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	脖颈锥度 Neck Taper Angle θ°
EIB86010	RO.1	1.0	3	2	30	60	2°
EIB86901	RO.1	1.0	3	2	70	100	1°
EIB86015	RO.15	1.5	3	3	30	60	1°30'
EIB86902	RO.15	1.5	3	3	50	100	1°
EIB86020	RO.15	2.0	3	4	30	60	1°
EIB86903	RO.15	2.0	4	4	70	100	1°

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.02	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍铬铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70		◎		○			

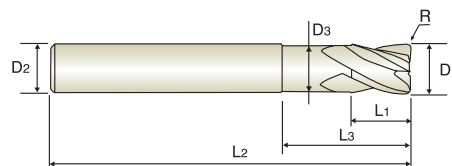


硬质合金, 4刃 圆鼻铣刀

CARBIDE, 4 FLUTE CORNER RADIUS

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

- ▶ Higher hardness of film and excellent wear-resistance increase the tool life surprisingly.
- ▶ Ultra fine film of YG-1's diamond coated carbide ball end mills ensure the smooth and excellent surface on work materials.
- ▶ High performance on graphite, wrought aluminum, bakelite, plastics, wood, brass etc. YG-1's diamond coated carbide ball end mills have good result for the machining of non-ferrous metals and non-metallic materials.



P.805

单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
EIB88060	RO.5	6.0	6	10	40	80	5.9
EIB88080	RO.5	8.0	8	10	40	80	7.8
EIB88901	R1.0	8.0	8	10	60	100	7.8
EIB88100	RO.5	10.0	10	25	-	75	-
EIB88902	RO.5	10.0	10	12	40	80	9.8
EIB88903	R1.0	10.0	10	12	40	80	9.8
EIB88904	RO.5	10.0	10	12	80	125	9.8
EIB88120	RO.5	12.0	12	25	-	80	-
EIB88905	RO.5	12.0	12	15	40	80	11.8
EIB88906	R1.0	12.0	12	15	40	80	11.8
EIB88907	R1.0	12.0	12	15	80	125	11.8

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

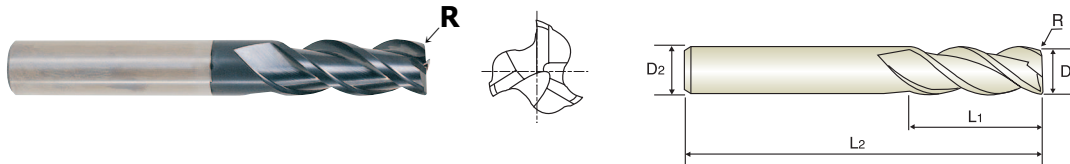
◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRc40~45 HRc45~55	HRc55~70							
						◎		○			

硬质合金, 3刃 40度螺旋角 短刃 圆鼻铣刀**CARBIDE, 3 FLUTE 40° HELIX SHORT LENGTH CORNER RADIUS**

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

- ▶ Higher hardness of film and excellent wear-resistance increase the tool life surprisingly.
- ▶ Ultra fine film of YG-1's diamond coated carbide end mills ensure the smooth and excellent surface on work materials.
- ▶ High performance on graphite, wrought aluminum, bakelite, plastics, wood, brass etc. YG-1's diamond coated carbide end mills have good result for the machining of non-ferrous metals and non-metallic materials.



Unit : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	全长 Overall Length L2
EIA13020	RO.15	2.0	3	6	40
EIA13030	RO.15	3.0	3	12	40
EIA13040	RO.2	4.0	4	14	50
EIA13050	RO.3	5.0	5	16	50
EIA13060	RO.3	6.0	6	20	65
EIA13080	RO.5	8.0	8	20	65
EIA13100	RO.5	10.0	10	25	75
EIA13120	RO.5	12.0	12	25	75

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
						◎		○			

◎ : 优(Excellent) ○ : 良(Good)

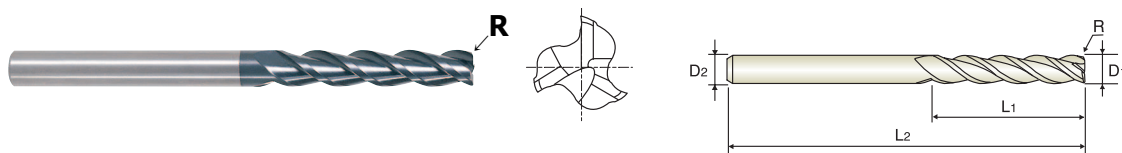


硬质合金, 3刃 40度螺旋角 长刃 圆鼻铣刀

CARBIDE, 3 FLUTE 40° HELIX LONG LENGTH CORNER RADIUS

- ▶ 较高硬度的涂层和优秀的耐磨性极大地提高了工具寿命。
- ▶ YG-1金刚石涂层的硬质合金球头铣刀的极细薄膜能够确保被加件表面光滑性及良好的表面粗糙度。
- ▶ 在加工石墨, 精炼铝, 胶木, 塑料, 木头, 铜等具有高性能。YG-1金刚石涂层的硬质合金球头铣刀在加工有色金属和非金属材料时具有很好的效果。

- ▶ Higher hardness of film and excellent wear-resistance increase the tool life surprisingly.
- ▶ Ultra fine film of YG-1's diamond coated carbide end mills ensure the smooth and excellent surface on work materials.
- ▶ High performance on graphite, wrought aluminum, bakelite, plastics, wood, brass etc. YG-1's diamond coated carbide end mills have good result for the machining of non-ferrous metals and non-metallic materials.

MG
HM

3

40°

PLAIN



P.805

Unit : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	全长 Overall Length L2
EIA14020	RO.15	2.0	3	9	60
EIA14030	RO.15	3.0	3	30	60
EIA14040	RO.2	4.0	4	30	60
EIA14050	RO.3	5.0	5	35	70
EIA14060	RO.3	6.0	6	40	100
EIA14080	RO.5	8.0	8	40	100
EIA14100	RO.5	10.0	10	40	100
EIA14120	RO.5	12.0	12	45	100

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

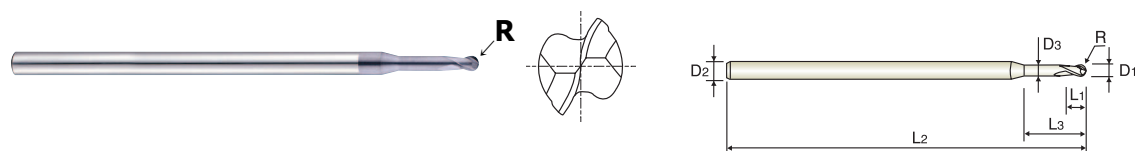
碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70							
						◎		○			

硬质合金, 2刃 微型 球头

CARBIDE, 2 FLUTE MINIATURE BALL NOSE

- 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.



单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GEB46002000040	RO.1	0.2	3	0.2	—	40	—
GEB46003000040	RO.15	0.3	3	0.3	—	40	—
GEB46004000040	RO.2	0.4	3	0.4	—	40	—
GEB46005025040	RO.25	0.5	3	0.5	2.5	40	0.45
GEB46006030040	RO.3	0.6	3	0.6	3	40	0.55
GEB46006050040	RO.3	0.6	3	0.6	5	40	0.55
GEB46008040040	RO.4	0.8	3	0.8	4	40	0.75
GEB46008070040	RO.4	0.8	3	0.8	7	40	0.75
GEB46010050040	RO.5	1.0	3	1	5	40	0.95
GEB46010085040	RO.5	1.0	3	1	8.5	40	0.95
GEB46010120040	RO.5	1.0	3	1	12	40	0.95
GEB46012060050	RO.6	1.2	3	1.2	6	50	1.15
GEB46012100050	RO.6	1.2	3	1.2	10	50	1.15
GEB46015075050	RO.75	1.5	3	1.5	7.5	50	1.4
GEB46015120050	RO.75	1.5	3	1.5	12	50	1.4
GEB46015180050	RO.75	1.5	3	1.5	18	50	1.4
GEB46020100060	R1.0	2.0	3	2.2	10	60	1.9
GEB46020160060	R1.0	2.0	3	2.2	16	60	1.9
GEB46020250060	R1.0	2.0	3	2.2	25	60	1.9
GEB46030100065	R1.5	3.0	4	3	10	65	2.9
GEB46030150065	R1.5	3.0	4	3	15	65	2.9
GEB46030200065	R1.5	3.0	4	3	20	65	2.9
GEB46030250075	R1.5	3.0	4	3	25	75	2.9
GEB46030300075	R1.5	3.0	4	3	30	75	2.9
GEB46040200065	R2.0	4.0	6	4	20	65	3.9
GEB46040300075	R2.0	4.0	6	4	30	75	3.9
GEB46040400090	R2.0	4.0	6	4	40	90	3.9

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

CARBIDE

HSS

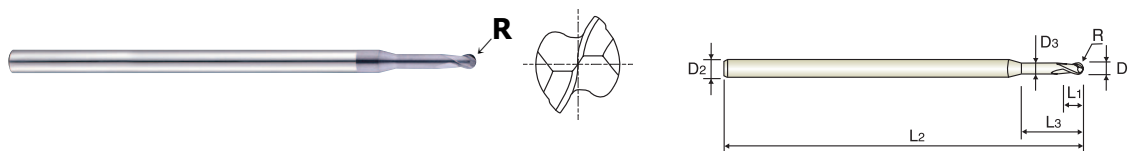

**D-POWER
END MILLS**
GEB46 SERIES

PLAIN SHANK

硬质合金, 2刃 微型 球头
CARBIDE, 2 FLUTE MINIATURE BALL NOSE

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.


**MG
HM**
2
30°
**R
±0.01**
PLAIN

P.806

ECONOMY

单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GEB46050200065	R2.5	5.0	6	5	20	65	4.9
GEB46050300075	R2.5	5.0	6	5	30	75	4.9
GEB46050400090	R2.5	5.0	6	5	40	90	4.9
GEB46050500090	R2.5	5.0	6	5	50	90	4.9
GEB46060300075	R3.0	6.0	6	6	30	75	5.9
GEB46060400090	R3.0	6.0	6	6	40	90	5.9
GEB46060500090	R3.0	6.0	6	6	50	90	5.9
GEB46060600100	R3.0	6.0	6	6	60	100	5.9

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.02	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70							
					◎	○		◎			

CBN
END MILLSi-Xmill
END MILLSX5070
END MILLSX-POWER
END MILLSJET-POWER
END MILLSV7 Mill INOX
END MILLSV7 Mill STEEL
END MILLSALU-POWER
END MILLS

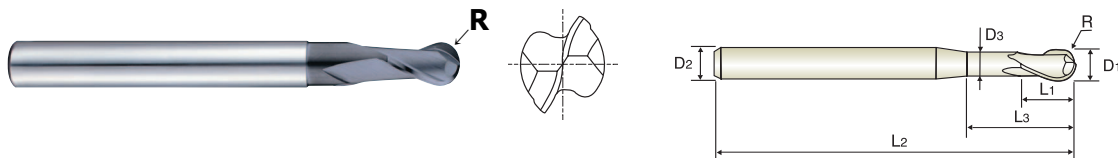
CRX S

D-POWER
END MILLSK-2 CARBIDE
END MILLSGENERAL
CARBIDE
END MILLSTANK-POWER
END MILLSGENERAL
HSS
END MILLSMILLING
CUTTERSTECHNICAL
DATA

硬质合金, 2刃 短刃 球头 CARBIDE, 2 FLUTE SHORT LENGTH BALL NOSE

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.



单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GE944020	R1.0	2.0	6	3	5	60	1.9
GE944025	R1.25	2.5	6	4	6	60	2.4
GE944030	R1.5	3.0	6	4.5	6.5	60	2.8
GE944035	R1.75	3.5	6	5	7	65	3.2
GE944040	R2.0	4.0	6	6	8	65	3.7
GE944050	R2.5	5.0	6	7.5	10	65	4.6
GE944060	R3.0	6.0	6	9	12	75	5.6
GE944080	R4.0	8.0	8	12	25	75	7.4
GE944100	R5.0	10.0	10	15	30	80	9.4
GE944120	R6.0	12.0	12	18	36	90	11.4

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍钴铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

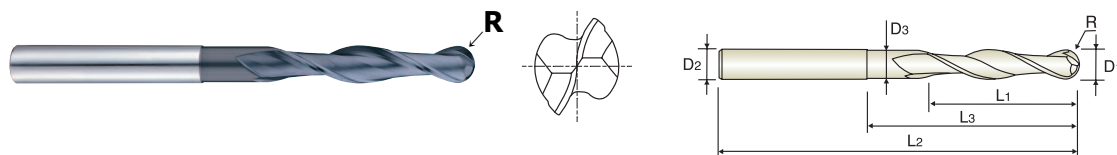


硬质合金, 2刃 长刃 球头

CARBIDE, 2 FLUTE LONG LENGTH BALL NOSE

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.

MG
HM

2

30°

R
±0.01

PLAIN



P.806



单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GE945020	R1.0	2.0	4	10	20	80	1.95
GE945030	R1.5	3.0	4	15	25	80	2.9
GE945040	R2.0	4.0	4	20	30	80	3.9
GE945050	R2.5	5.0	6	30	50	100	4.9
GE945060	R3.0	6.0	6	30	50	100	5.5
GE945070	R3.5	7.0	6	30	—	100	—
GE945080	R4.0	8.0	8	40	60	110	7.5
GE945090	R4.5	9.0	8	40	—	110	—
GE945100	R5.0	10.0	10	50	70	120	9.5
GE945120	R6.0	12.0	12	55	75	130	11.5

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

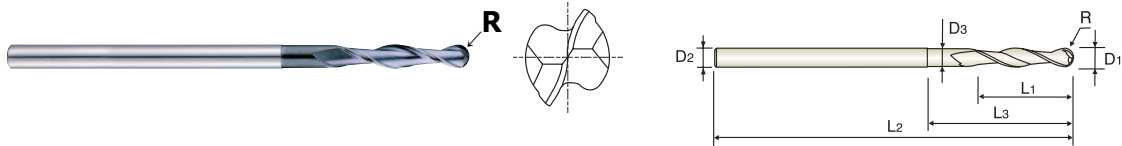
碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70							
					◎	○		◎			

硬质合金, 2刃 长刃 球头

CARBIDE, 2 FLUTE LONG REACH BALL NOSE

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.



单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GE946020	R1.0	2.0	4	10	20	100	1.95
GE946030	R1.5	3.0	4	15	25	100	2.9
GE946040	R2.0	4.0	4	20	30	100	3.9
GE946050	R2.5	5.0	6	30	50	120	4.9
GE946060	R3.0	6.0	6	30	50	150	5.5
GE946070	R3.5	7.0	6	30	—	150	—
GE946080	R4.0	8.0	8	40	60	150	7.5
GE946090	R4.5	9.0	8	40	—	150	—
GE946100	R5.0	10.0	10	50	70	180	9.5
GE946120	R6.0	12.0	12	55	75	200	11.5

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍钴铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

◎ : 优(Excellent) ○ : 良(Good)

CARBIDE

HSS

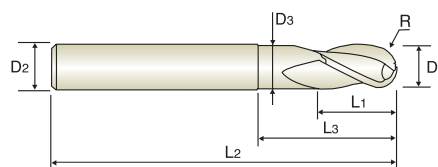
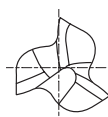

**D-POWER
END MILLS**
GE947 SERIES

PLAIN SHANK

硬质合金, 3刃 短刃 球头
CARBIDE, 3 FLUTE SHORT LENGTH BALL NOSE

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.


**MG
HM**
3
30°
**R
±0.01**
PLAIN


P.807

单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GE947020	R1.0	2.0	6	3	5	60	1.9
GE947025	R1.25	2.5	6	4	6	60	2.4
GE947030	R1.5	3.0	6	4.5	6.5	60	2.8
GE947035	R1.75	3.5	6	5	7	65	3.2
GE947040	R2.0	4.0	6	6	8	65	3.7
GE947050	R2.5	5.0	6	7.5	10	65	4.6
GE947060	R3.0	6.0	6	9	12	75	5.6
GE947080	R4.0	8.0	8	12	25	75	7.4
GE947100	R5.0	10.0	10	15	30	80	9.4
GE947120	R6.0	12.0	12	18	36	90	11.4

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

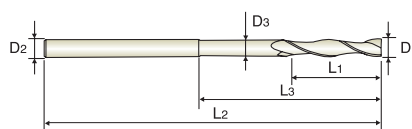
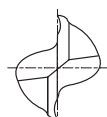
碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70							
					◎	○		◎			

硬质合金, 2刃 长刃

CARBIDE, 2 FLUTE LONG LENGTH

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.



单位(Unit) : mm

型号 EDP No.	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GE927005	0.5	3	1	2	40	0.45
GE927006	0.6	3	2	3	40	0.55
GE927007	0.7	3	2	4	40	0.65
GE927008	0.8	3	2	5	40	0.75
GE927009	0.9	3	2	6	40	0.85
GE927010	1.0	4	3	8	75	0.95
GE927015	1.5	4	4	10	75	1.45
GE927020	2.0	4	6	16	100	1.9
GE927025	2.5	4	8	20	100	2.4
GE927030	3.0	6	8	30	100	2.8
GE927035	3.5	6	10	35	100	3.2
GE927040	4.0	6	20	40	100	3.7
GE927050	5.0	6	25	50	125	4.6
GE927060	6.0	6	30	60	140	5.6
GE927070	7.0	6	35	-	140	-
GE927080	8.0	8	40	80	150	7.4
GE927090	9.0	8	45	-	150	-
GE927100	10.0	10	50	80	150	9.4
GE927110	11.0	10	50	-	150	-
GE927120	12.0	12	55	80	150	11.4

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍钛合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

CARBIDE

HSS

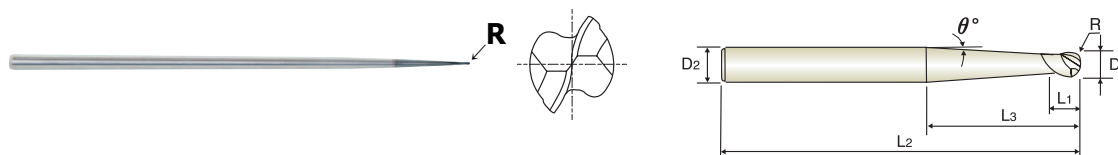

**D-POWER
END MILLS**
GEB02 SERIES

PLAIN SHANK

硬质合金, 2刃 球头 锥形脖颈
CARBIDE, 2 FLUTE BALL NOSE with TAPER NECK

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.


**MG
HM**
2
30°
**R
±0.01**
PLAIN

P.806

ECONOMY

单位(Unit) : mm

型号 EDP No.	球头半径 Radius of Ball Nose R (±0.01)	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈锥度 Neck Taper Angle θ°
GEB02010000040	RO.5	1.0	3	2	—	40	8°30′
GEB02010300060	RO.5	1.0	3	2	30	60	2°
GEB02010700100	RO.5	1.0	3	2	70	100	1°
GEB02015000040	RO.75	1.5	3	3	—	40	6°15′
GEB02015300060	RO.75	1.5	3	3	30	60	1°30′
GEB02015580100	RO.75	1.5	3	3	58	100	45′
GEB02020000040	R1.0	2.0	3	4	—	40	4°15′
GEB02020300060	R1.0	2.0	3	4	30	60	1°
GEB02020700100	R1.0	2.0	4	4	70	100	1°

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.015	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70							
					◎	○		◎			

CBN
END MILLSi-Xmill
END MILLSX5070
END MILLSX-POWER
END MILLSJET-POWER
END MILLSV7 Mill INOX
END MILLSV7 Mill STEEL
END MILLSALU-POWER
END MILLS

CRX S

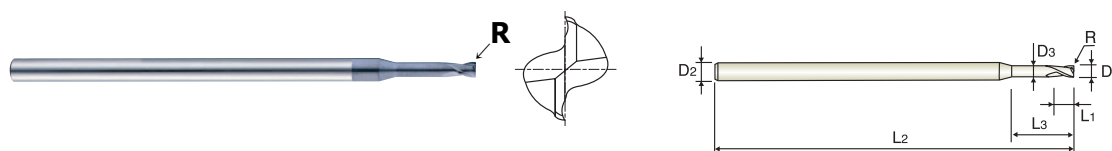
D-POWER
END MILLSK-2 CARBIDE
END MILLSGENERAL
CARBIDE
END MILLSTANK-POWER
END MILLSGENERAL
HSS
END MILLSMILLING
CUTTERSTECHNICAL
DATA

硬质合金, 2刃 微型 圆鼻铣刀

CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.



单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GEB4500200000	—	0.2	3	0.3	—	40	—
GEB4500300000	—	0.3	3	0.45	—	40	—
GEB4500400000	—	0.4	3	0.6	—	40	—
GEB4500505025	RO.05	0.5	3	0.7	2.5	40	0.45
GEB4500505040	RO.05	0.5	3	0.7	4	40	0.45
GEB4500605030	RO.05	0.6	3	0.9	3	40	0.55
GEB4500605050	RO.05	0.6	3	0.9	5	40	0.55
GEB4500805040	RO.05	0.8	3	1.2	4	40	0.75
GEB4500805070	RO.05	0.8	3	1.2	7	40	0.75
GEB4501010050	RO.1	1.0	3	1.5	5	40	0.95
GEB4501010085	RO.1	1.0	3	1.5	8.5	40	0.95
GEB4501010120	RO.1	1.0	3	1.5	12	40	0.95
GEB4501210060	RO.1	1.2	3	1.8	6	50	1.15
GEB4501210100	RO.1	1.2	3	1.8	10	50	1.15
GEB4501515075	RO.15	1.5	3	2.2	7.5	50	1.4
GEB4501515120	RO.15	1.5	3	2.2	12	50	1.4
GEB4501515180	RO.15	1.5	3	2.2	18	50	1.4
GEB4502015100	RO.15	2.0	3	2.2	10	60	1.9
GEB4502015160	RO.15	2.0	3	2.2	16	60	1.9
GEB4502015250	RO.15	2.0	3	2.2	25	60	1.9
GEB4503020100	RO.2	3.0	4	3	10	65	2.9
GEB4503020150	RO.2	3.0	4	3	15	65	2.9
GEB4503020200	RO.2	3.0	4	3	20	65	2.9
GEB4503020250	RO.2	3.0	4	3	25	75	2.9
GEB4503020300	RO.2	3.0	4	3	30	75	2.9
GEB4504020200	RO.2	4.0	6	4	20	65	3.9
GEB4504020300	RO.2	4.0	6	4	30	75	3.9
GEB4504020400	RO.2	4.0	6	4	40	90	3.9

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45	HRC45~55	HRC55~70							
						◎	○		◎			

CARBIDE

HSS

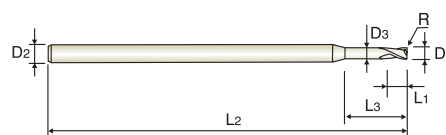

**D-POWER
END MILLS**
GEB45 SERIES

PLAIN SHANK

硬质合金, 2刃 微型 圆鼻铣刀
CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.


**MG
HM**
2
30°
PLAIN


P.808



单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GEB4505030200	RO.3	5.0	6	5	20	75	4.9
GEB4505030300	RO.3	5.0	6	5	30	75	4.9
GEB4505030400	RO.3	5.0	6	5	40	90	4.9
GEB4505030500	RO.3	5.0	6	5	50	90	4.9
GEB4506030300	RO.3	6.0	6	6	30	75	5.9
GEB4506030400	RO.3	6.0	6	6	40	90	5.9
GEB4506030500	RO.3	6.0	6	6	50	90	5.9
GEB4506030600	RO.3	6.0	6	6	60	100	5.9

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.02	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

CBN
END MILLSi-Xmill
END MILLSX5070
END MILLSX-POWER
END MILLSJET-POWER
END MILLSV7 Mill INOX
END MILLSV7 Mill STEEL
END MILLSALU-POWER
END MILLS

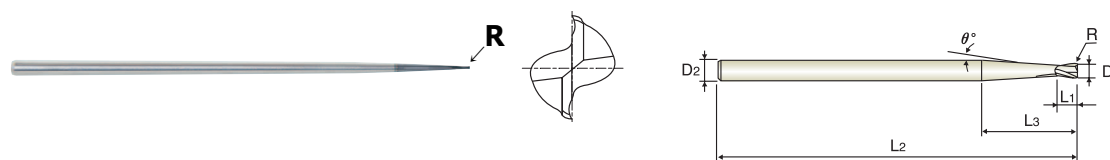
CRX S

D-POWER
END MILLSK-2 CARBIDE
END MILLSGENERAL
CARBIDE
END MILLSTANK-POWER
END MILLSGENERAL
HSS
END MILLSMILLING
CUTTERSTECHNICAL
DATA

硬质合金, 2刃 圆鼻铣刀 锥形脖颈 CARBIDE, 2 FLUTE CORNER RADIUS with TAPER NECK

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.
- ▶ 圆弧角防止崩刃.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.
- ▶ Corner protection against chipping.



单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	脖颈锥度 Neck Taper Angle θ°
GEB01010300060	RO.1	1.0	3	2	30	60	2°
GEB01010700100	RO.1	1.0	3	2	70	100	1°
GEB01015300060	RO.15	1.5	3	3	30	60	1°30'
GEB01015500100	RO.15	1.5	3	3	50	100	1°
GEB01020300060	RO.15	2.0	3	4	30	60	1°
GEB01020700100	RO.15	2.0	4	4	70	100	1°

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.015	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍钛合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

CARBIDE

HSS

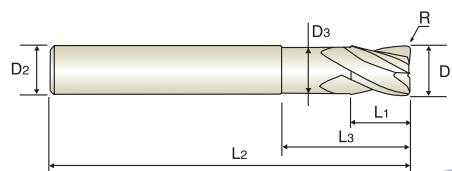
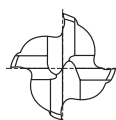

**D-POWER
END MILLS**
GEB03 SERIES

PLAIN SHANK

硬质合金, 4刃 圆鼻铣刀
CARBIDE, 4 FLUTE CORNER RADIUS

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.
- ▶ 圆弧角防止崩刃.

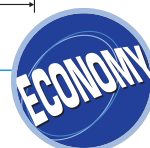
- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.
- ▶ Corner radius against chipping.

CBN
END MILLSi-Xmill
END MILLSX5070
END MILLSX-POWER
END MILLSJET-POWER
END MILLSV7 Mill INOX
END MILLSV7 Mill STEEL
END MILLSALU-POWER
END MILLS

CRX S

D-POWER
END MILLSK-2 CARBIDE
END MILLSGENERAL
CARBIDE
END MILLSTANK-POWER
END MILLSGENERAL
HSS
END MILLSMILLING
CUTTERSTECHNICAL
DATA

P.808



单位(Unit) : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	颈长 Length Below Shank L3	全长 Overall Length L2	颈径 Neck Diameter D3
GEB0306005040	RO.5	6.0	6	10	40	80	5.9
GEB0308005040	RO.5	8.0	8	10	40	80	7.8
GEB0308010060	R1.0	8.0	8	10	60	100	7.8
GEB0310005000	RO.5	10.0	10	25	-	75	-
GEB0310005040	RO.5	10.0	10	12	40	80	9.8
GEB0310010040	R1.0	10.0	10	12	40	80	9.8
GEB0310005080	RO.5	10.0	10	12	80	125	9.8
GEB0312005000	RO.5	12.0	12	25	-	80	-
GEB0312005040	RO.5	12.0	12	15	40	80	11.8
GEB0312010040	R1.0	12.0	12	15	40	80	11.8
GEB0312010080	R1.0	12.0	12	15	80	125	11.8

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

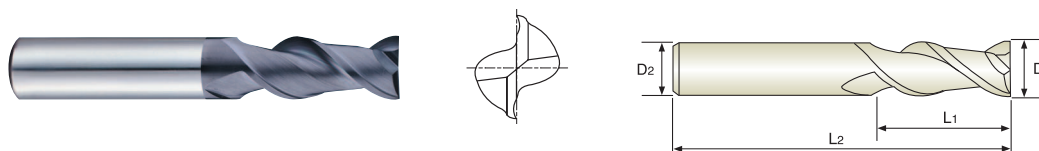
◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels	高硬钢 High Hardened Steels	铜 Copper	石墨 Graphite	铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	镍铬铁合金 Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

硬质合金, 2刃 45度螺旋角 CARBIDE, 2 FLUTE 45° HELIX

- ▶ 设计用于加工铝及铝合金, 铜, 塑料等.
- ▶ 最大程度的材料切除量, 铁屑排除量和稳定性.
- ▶ 圆弧角防止崩刃.

- ▶ Designed for the machining aluminum and its alloys, copper, plastic etc.
- ▶ Maximum-stock removal, chip ejection, stability.
- ▶ Corner protection against chipping.



P.809



Unit : mm

型号 EDP No.	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	全长 Overall Length L2
GE926010	1.0	4	3	40
GE926015	1.5	4	4	40
GE926020	2.0	4	6	40
GE926025	2.5	4	8	40
GE926030	3.0	6	8	45
GE926035	3.5	6	10	45
GE926040	4.0	6	11	45
GE926045	4.5	6	11	50
GE926050	5.0	6	13	50
GE926055	5.5	6	13	50
GE926060	6.0	6	13	50
GE926070	7.0	8	16	60
GE926080	8.0	8	19	60
GE926090	9.0	10	19	70
GE926100	10.0	10	22	70
GE926110	11.0	12	22	75
GE926120	12.0	12	26	75
GE926160	16.0	16	32	90
GE926200	20.0	20	38	100

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍钛合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRC40~45 HRC45~55	HRC55~70							
					◎	○		◎			

CARBIDE

HSS

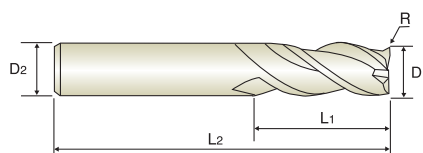
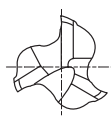

**D-POWER
END MILLS**
GE928 SERIES

PLAIN SHANK

硬质合金, 3刃 40度螺旋角 短刃 圆鼻铣刀
CARBIDE, 3 FLUTE 40° HELIX SHORT LENGTH CORNER RADIUS

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.
- ▶ 圆弧角防止崩刃.

- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.
- ▶ Corner radius against chipping.


**MG
HM**
3
40°
PLAIN


P.809

Unit : mm

型号	圆弧半径	刃部直径	柄部直径	刃长	全长
EDP No.	Corner Radius	Mill Diameter	Shank Diameter	Length of Cut	Overall Length
	R	D1	D2	L1	L2
GE928020	RO.15	2.0	3	6	40
GE928030	RO.15	3.0	3	12	40
GE928040	RO.2	4.0	4	14	50
GE928050	RO.3	5.0	5	16	50
GE928060	RO.3	6.0	6	20	65
GE928080	RO.5	8.0	8	20	65
GE928100	RO.5	10.0	10	25	75
GE928120	RO.5	12.0	12	25	75

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍铬铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70							
					◎	○		◎			

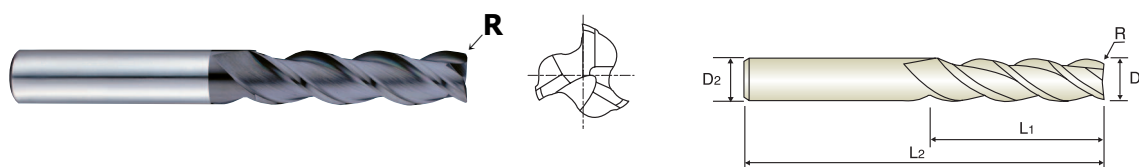
CBN
END MILLSi-Xmill
END MILLSX5070
END MILLSX-POWER
END MILLSJET-POWER
END MILLSV7 Mill INOX
END MILLSV7 Mill STEEL
END MILLSALU-POWER
END MILLS

CRX S

D-POWER
END MILLSK-2 CARBIDE
END MILLSGENERAL
CARBIDE
END MILLSTANK-POWER
END MILLSGENERAL
HSS
END MILLSMILLING
CUTTERSTECHNICAL
DATA

硬质合金, 3刃 40度螺旋角 长刃 圆鼻铣刀 CARBIDE, 3 FLUTE 40° HELIX LONG LENGTH CORNER RADIUS

- ▶ 设计用于加工硬塑料, 含硅量高的铝合金, 铜合金.
- ▶ YG-1新开发的金刚石薄膜涂层在加工有色金属和非金属材料时具有很好的效果.
- ▶ 圆弧角防止崩刃.
- ▶ plastics, for the machining reinforced plastic, high silicon aluminum alloys and copper alloys.
- ▶ YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.
- ▶ Corner radius against chipping.



MG HM 3 40° PLAIN P.809

Unit : mm

型号 EDP No.	圆弧半径 Corner Radius R	刃部直径 Mill Diameter D1	柄部直径 Shank Diameter D2	刃长 Length of Cut L1	全长 Overall Length L2
GE929020	RO.15	2.0	3	9	60
GE929030	RO.15	3.0	3	30	60
GE929040	RO.2	4.0	4	30	60
GE929050	RO.3	5.0	5	35	70
GE929060	RO.3	6.0	6	40	100
GE929080	RO.5	8.0	8	40	100
GE929100	RO.5	10.0	10	40	100
GE929120	RO.5	12.0	12	45	100

刃部公差 Mill Dia. Tolerance(mm)	柄部公差 Shank Dia. Tolerance
0~-0.03	h6

◎ : 优(Excellent) ○ : 良(Good)

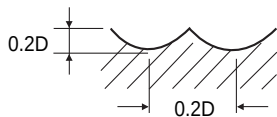
碳钢	合金钢	预硬钢	硬化钢	高硬钢	铜	石墨	铸铁	铝	不锈钢	钛	镍钴铁合金
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC30~40	HRc40~45 HRc45~55	HRc55~70							
					◎	○		◎			



硬质合金, 2刃 微型 球头 CARBIDE, 2 FLUTE MINIATURE BALL NOSE

EI997, EIB93, EIB87 SERIES

材质 MATERIAL	石墨 GRAPHITE	
DIAMETER	RPM	FEED
R0.2 × 0.4	40000	600
R0.3 × 0.6	40000	800
R0.4 × 0.8	40000	960
R0.5 × 1.0	40000	1200
R0.6 × 1.2	40000	1440
R0.75 × 1.5	40000	1600
R1.0 × 2.0	40000	2000
R1.5 × 3.0	27000	2200
R2.0 × 4.0	20000	2900
R2.5 × 5.0	16000	2900
R3.0 × 6.0	14000	2900

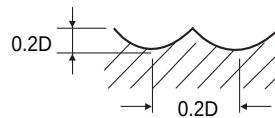


RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 2刃 球头 CARBIDE, 2 FLUTE BALL NOSE

EI880, EI451, EI450 SERIES

材质 MATERIAL	石墨 GRAPHITE	
DIAMETER	RPM	FEED
R1.0 × 2.0	16000	800
R1.25 × 2.5	16000	1120
R1.5 × 3.0	16000	1450
R1.75 × 3.5	16000	1750
R2.0 × 4.0	16000	2100
R2.5 × 5.0	15500	2550
R3.0 × 6.0	15000	2950
R4.0 × 8.0	13000	3000
R5.0 × 10.0	11500	3050
R6.0 × 12.0	10500	3150



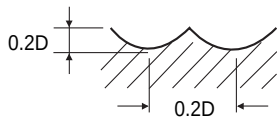
※ 对长和超长型进给应减少约50%
The Feed, in long & extra long types,
should be reduced by around 50%.

RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 3刃 球头 CARBIDE, 3 FLUTE BALL NOSE

EI881 SERIES

材质 MATERIAL	石墨 GRAPHITE	
DIAMETER	RPM	FEED
R1.0 × 2.0	16000	1200
R1.25 × 2.5	16000	1700
R1.5 × 3.0	16000	2150
R1.75 × 3.5	16000	2650
R2.0 × 4.0	16000	3100
R2.5 × 5.0	15500	3800
R3.0 × 6.0	15000	4450
R4.0 × 8.0	13000	4500
R5.0 × 10.0	11500	4600
R6.0 × 12.0	10500	4750

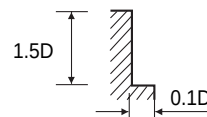


RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 2刃 长刃 球头 CARBIDE, 2 FLUTE LONG LENGTH

EIB04 SERIES

材质 MATERIAL	石墨 GRAPHITE	
DIAMETER	RPM	FEED
0.4	40000	200
0.6	40000	350
0.8	40000	550
1.0	40000	700
1.5	40000	800
2.0	25000	800
3.0	20000	800
4.0	18000	950
5.0	14000	1200
6.0	11000	1400
8.0	8000	1300
10.0	6500	1200
12.0	5500	1200



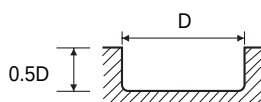
※ 对长和超长型进给应减少约50%
The Feed, in long & extra long types,
should be reduced by around 50%.

RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 2刃 微型 圆鼻铣刀 CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS

EI996, EIB86 SERIES

材质 MATERIAL	石墨 GRAPHITE	
DIAMETER	RPM	FEED
0.4	40000	640
0.6	40000	640
0.8	40000	800
1.0	40000	960
1.2	40000	1200
1.5	40000	1440
2.0	40000	1600
3.0	27000	1900
4.0	20000	2300
5.0	16000	2300
6.0	14000	2300

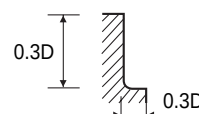


RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 4刃 圆鼻铣刀 CARBIDE, 4 FLUTE CORNER RADIUS

EIB88 SERIES

材质 MATERIAL	石墨 GRAPHITE	
DIAMETER	RPM	FEED
6.0	40000	5600
8.0	32000	5600
10.0	26000	5700
12.0	21000	5450

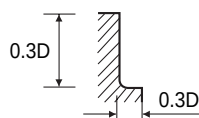


RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 3刃 40度螺旋角 圆鼻铣刀 CARBIDE, 3 FLUTE 40° HELIX CORNER RADIUS

EIA13, EIA14 SERIES

材质 MATERIAL	石墨 GRAPHITE	
DIAMETER	RPM	FEED
2.0	40000	3000
3.0	40000	4200
4.0	40000	6000
5.0	40000	7200
6.0	40000	8400
8.0	32000	8400
10.0	26000	8600
12.0	21000	8200



* 对长和超长型进给应减少约50%
The Feed, in long & extra long types,
should be reduced by around 50%.

RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

CBN
END MILLS

i-Xmill
END MILLS

X5070
END MILLS

X-POWER
END MILLS

JET-POWER
END MILLS

V7 Mill INOX
END MILLS

V7 Mill STEEL
END MILLS

ALU-POWER
END MILLS

CRX S

D-POWER
END MILLS

K-2 CARBIDE
END MILLS

GENERAL
CARBIDE
END MILLS

TANK-POWER
END MILLS

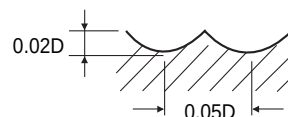
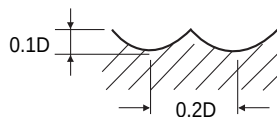
GENERAL
HSS
END MILLS

MILLING
CUTTERS

TECHNICAL
DATA


硬质合金, 2刃 微型 球头
CARBIDE, 2 FLUTE MINIATURE BALL NOSE
GEB46, GEB02 SERIES

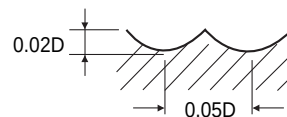
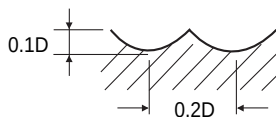
材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
R0.25 × 0.5	50000	850	43000	650
R0.3 × 0.6	50000	1300	43000	1000
R0.4 × 0.8	50000	1600	38000	1200
R0.5 × 1.0	46000	2000	34000	1400
R0.6 × 1.2	39000	2000	29000	1400
R0.75 × 1.5	36000	2000	26000	1400
R1.0 × 2.0	27000	1800	20000	1300
R1.5 × 3.0	20000	1800	13500	1300
R2.0 × 4.0	15000	1800	10000	1300
R2.5 × 5.0	12000	1800	8000	1300
R3.0 × 6.0	10000	1800	6800	1300



RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 2刃 球头
CARBIDE, 2 FLUTE BALL NOSE
GE944, GE945, GE946 SERIES

材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
R1.0 × 2.0	25000	1000	19000	800
R1.5 × 3.0	17000	1000	12500	800
R2.0 × 4.0	12500	1000	9500	800
R2.5 × 5.0	10000	1200	7600	850
R3.0 × 6.0	8500	1350	6400	900
R4.0 × 8.0	7000	1450	5100	900
R5.0 × 10.0	6000	1450	4200	900
R6.0 × 12.0	5000	1450	3500	900



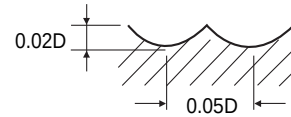
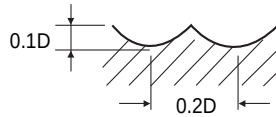
※ 对长和超长型进给应减少约50%

The Feed, in long & extra long types, should be reduced by around 50%.

RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 3刃 球头
CARBIDE, 3 FLUTE BALL NOSE
GE947 SERIES

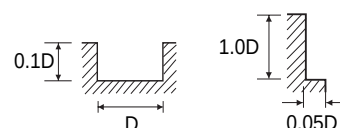
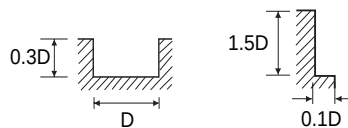
材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
R1.0 × 2.0	25000	1000	19000	800
R1.5 × 3.0	17000	1000	12500	800
R2.0 × 4.0	12500	1000	9500	800
R2.5 × 5.0	10000	1200	7600	850
R3.0 × 6.0	8500	1350	6400	900
R4.0 × 8.0	7000	1450	5100	900
R5.0 × 10.0	6000	1450	4200	900
R6.0 × 12.0	5000	1450	3500	900



RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 2刃
CARBIDE, 2 FLUTE
GE927 SERIES

材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
0.5	32000	100	32000	100
1.0	32000	190	25000	140
2.0	27000	300	12000	150
3.0	20000	510	8000	220
4.0	15000	520	6000	240
5.0	12000	540	4800	250
6.0	10000	600	4000	250
8.0	8000	650	3000	280
10.0	6400	680	2500	330
12.0	5500	800	2000	360
16.0	4000	1000	1500	450
20.0	3300	1200	1200	500

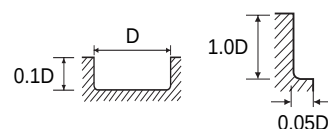
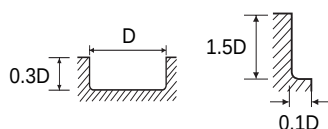


※ 对长和超长型进给应减少约50%
The Feed, in long & extra long types, should be reduced by around 50%.

RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)


硬质合金, 2刃 微型 圆鼻铣刀
CARBIDE, 2 FLUTE MINIATURE CORNER RADIUS
GEB45, GEB01 SERIES

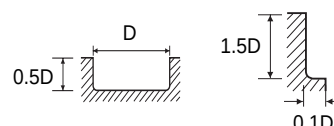
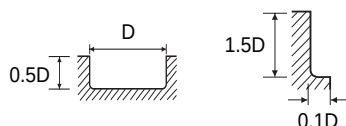
材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
0.5	32000	130	32000	130
1.0	32000	250	25000	180
1.5	32000	320	16000	185
2.0	27000	390	12000	190
3.0	20000	660	8000	280
4.0	15000	670	6000	310
5.0	12000	700	4800	320
6.0	10000	780	4000	320



RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 4刃 圆鼻铣刀
CARBIDE, 4 FLUTE CORNER RADIUS
GEB03 SERIES

材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
6.0	10000	1850	4000	530
8.0	7500	2000	3000	610
10.0	6000	2250	2400	640
12.0	5000	2250	2000	680



RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 2刃 45度螺旋角

CARBIDE, 2 FLUTE 45° HELIX

CBN
END MILLS

i-Xmill
END MILLS

X5070
END MILLS

X-POWER
END MILLS

JET-POWER
END MILLS

V7 Mill INOX
END MILLS

V7 Mill STEEL
END MILLS

ALU-POWER
END MILLS

CRX S

D-POWER
END MILLS

K-2 CARBIDE
END MILLS

GENERAL
CARBIDE
END MILLS

TANK-POWER
END MILLS

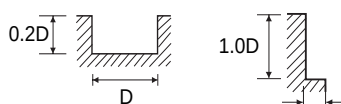
GENERAL
HSS
END MILLS

MILLING
CUTTERS

TECHNICAL
DATA

GE926 SERIES

材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
1.0	30000	260	20000	80
2.0	30000	450	20000	160
3.0	24000	700	14000	280
4.0	20000	950	11000	380
5.0	13000	1100	7500	400
6.0	13000	1200	7500	480
8.0	11000	1500	6000	580
10.0	8500	1800	4800	700
12.0	7200	2200	3900	850
16.0	6000	2000	3300	780
20.0	3600	1600	2000	630



A: D1 ~ D10 = 0.1 × D



A: D1 ~ D10 = 0.25 × D

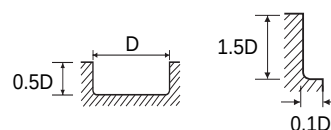
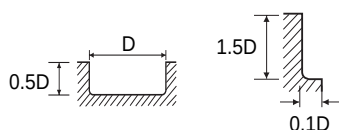
RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)

硬质合金, 3刃 40度螺旋角 圆鼻铣刀

CARBIDE, 3 FLUTE 40° HELIX CORNER RADIUS

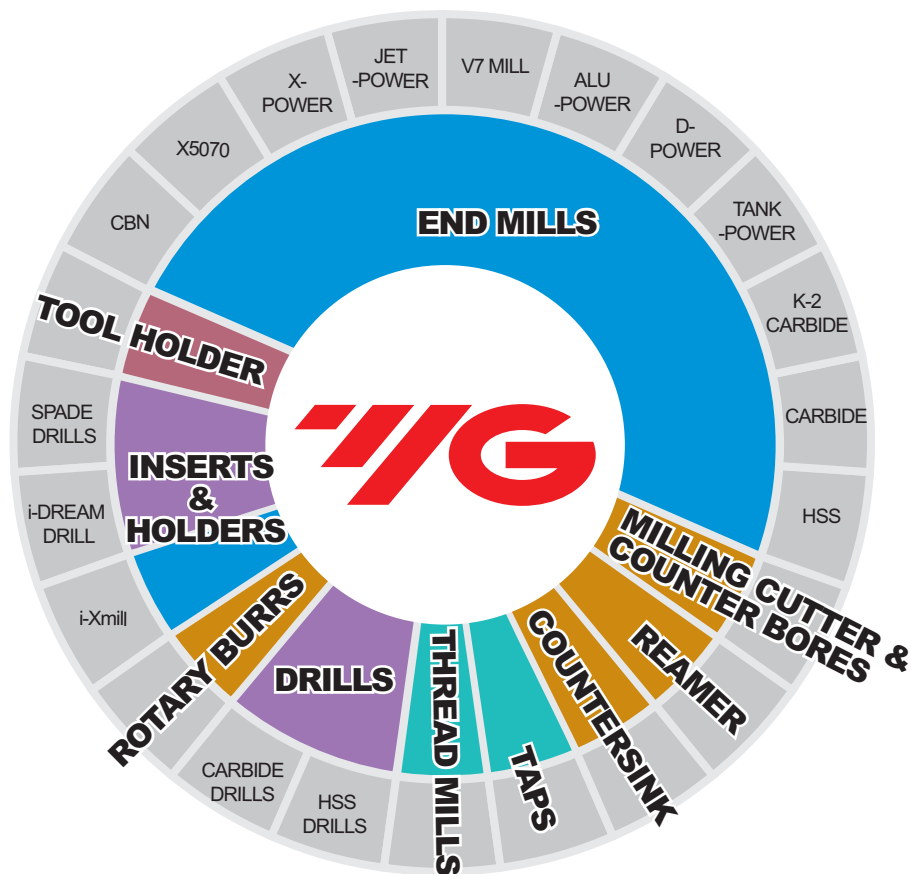
GE928, GE929 SERIES

材质	铝, 压铸件		铜合金	
MATERIAL	ALUMINUM DIECAST		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
2.0	27000	1000	10000	250
3.0	21000	1100	8000	320
4.0	15000	1200	6000	360
5.0	12000	1250	4800	385
6.0	10000	1400	4000	400
8.0	7500	1500	3000	460
10.0	6000	1700	2400	480
12.0	5000	1700	2000	510



※ 对长和超长型进给应减少约50%
The Feed, in long & extra long types, should be reduced by around 50%.

RPM = rev./min. (转速/分钟)
FEED = mm/min. (进给量)



Challenge Toward a Global Leader-

YG-1 Leads the World Market.