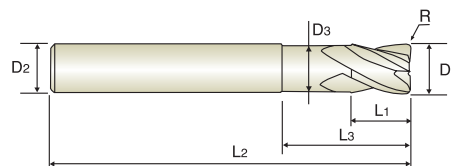
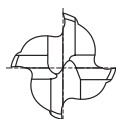


CARBIDE, 4 FLUTE CORNER RADIUS VOLLHARTMETALL, 4 SCHNEIDEN ECKENRADIUS

- ▶ 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.

- ▶ Höhere Härte der Beschichtung und ausgezeichnete Verschleißfestigkeit verlängern die Standzeit beachtlich.
- ▶ Ultrafeiner Film auf YG-1 Diamant - beschichteten Hartmetall Schaftfräser gewährleisten eine glatte und ausgezeichnete Oberflächengüte.
- ▶ Hohe Leistungsfähigkeit bei Graphit, Aluminium ohne Silicon, Bakelit, Plastik, Holz, Messing, etc. YG-1 Diamant - beschichtete Hartmetall Schaftfräser zeigen gute Ergebnisse beim Bearbeiten von NE - Metallen und Nichtmetall - Werkstoffen.



Unit : mm

EDP No.	Corner Radius R	Mill Diameter D1	Shank Diameter D2	Length of Cut L1	Length Below Shank L3	Overall Length L2	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

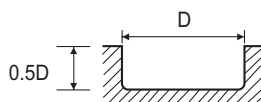
Mill Dia. Tolerance(mm)	Shank Dia. Tolerance
0~-0.03	h6

◎ : Excellent ○ : Good

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, 2 FLUTE MINIATURE
CORNER RADIUS**
VOLLHARTMETALL, 2 SCHNEIDEN MINI ECKENRADIUS
EI996, EIB86 SERIES

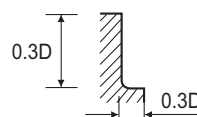
MATERIAL	GRAPHITE	
DIAMETER	RPM	FEED
0.4	40000	640
0.6	40000	640
0.8	40000	800
1.0	40000	960
1.2	40000	1200
1.5	40000	1440
2.0	40000	1600
3.0	27000	1900
4.0	20000	2300
5.0	16000	2300
6.0	14000	2300



RPM = rev./min.
FEED = mm/min.

**CARBIDE, 4 FLUTE
CORNER RADIUS**
VOLLHARTMETALL, 4 SCHNEIDEN ECKENRADIUS
EIB88 SERIES

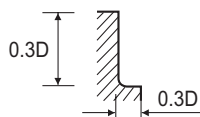
MATERIAL	GRAPHITE	
DIAMETER	RPM	FEED
6.0	40000	5600
8.0	32000	5600
10.0	26000	5700
12.0	21000	5450



RPM = rev./min.
FEED = mm/min.

**CARBIDE, 3 FLUTE 40° HELIX
CORNER RADIUS**
**VOLLHARTMETALL, 3 SCHNEIDEN 40° RECHTSSPIRALE
ECKENRADIUS**
EIA13, EIA14 SERIES

MATERIAL	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



※ The FEED, in long & long reach types,
should be reduced by around 50%

RPM = rev./min.
FEED = mm/min.

CARBIDE
HSS
**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**
**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**