



JET-POWER

END MILLS

For Stainless steel, Titanium, Inconel

For general steels up to HRc 45

适用于不锈钢，钛，铬镍铁合金等硬度在HRc45的一般材料。





JET-POWER END MILLS

SELECTION GUIDE

EH911
EH912



CARBIDE, 2 FLUTE, 35° HELIX, SHORT LENGTH
2刃, 35度螺旋角, 短型, 硬质合金铣刀

E 112

EH913
EH914



CARBIDE, 4 FLUTE, 35° HELIX, SHORT LENGTH
4刃, 35度螺旋角, 短型, 硬质合金铣刀

E 113

EH830
EH840



CARBIDE, 3&4 FLUTE, 50° HELIX, LONG LENGTH
3 & 4 刃, 50度螺旋角, 加长, 硬质合金铣刀

E 115.

EH915
EH916



CARBIDE, 6&8 FLUTE, 45° HELIX, LONG LENGTH (Positive Rake Angle)
6 & 8 刃, 45度螺旋角, 正倾角, 加长, 硬质合金铣刀

E 117

EE515



YPM, 4&6 FLUTE, SHORT LENGTH
4 & 6 刃, 短型, YPM铣刀

E 119

EH852
EH862



CARBIDE, MULTI FLUTE, ROUGHING, SHORT LENGTH
多刃, 短型, 硬质合金螺纹铣刀

E 120

EH831
EH841



CARBIDE, MULTI FLUTE, ROUGHING, LONG LENGTH
多刃, 加长, 硬质合金螺纹铣刀

E 121

EH917
EH918



CARBIDE, MULTI FLUTE, 45° HELIX ROUGHING, SHORT LENGTH
多刃, 短型, 45度螺旋角, 硬质合金螺纹铣刀

E 122

EH919
EH920



CARBIDE, MULTI FLUTE, 45° HELIX ROUGHING, LONG LENGTH
多刃, 加长, 45度螺旋角, 硬质合金螺纹铣刀

E 123

EH921
EH942



CARBIDE, MULTI FLUTE, 45° HELIX ROUGHING, LONG REACH
多刃, 伸长, 45度螺旋角, 硬质合金螺纹铣刀

E 124

2 FLUTE, 35° HELIX, SHORT LENGTH

2刃, 35度螺旋角, 短型, 硬质合金铣刀



p.E114

- ▶ Ultra micro grain carbide.
超微颗粒硬质合金。
- ▶ Reduces chipping of corner edges.
减少了角边处的崩刃。
- ▶ Suitable for low hardness materials (under HRC45), alloy steel, tool steel, carbon steel, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRC45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等。
- ▶ Removal sharp cutting edges against chipping.
去除了尖锐角边, 避免崩刃。

● PLAIN SHANK

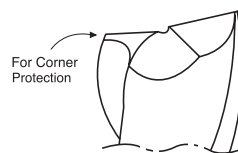
● EH911 Series

● FLAT SHANK

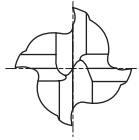
● EH912 Series

Unit : mm

EDP No.		MILL DIAMETER	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH
PLAIN	FLAT				
EH911010		1.0	4	2.5	40
EH911901	EH912901	1.0	6	2.5	40
EH911015		1.5	4	4	40
EH911902	EH912902	1.5	6	4	40
EH911020		2.0	4	6	40
EH911903	EH912903	2.0	6	6	40
EH911025		2.5	4	8	40
EH911904	EH912904	2.5	6	8	40
EH911030	EH912030	3.0	6	8	45
EH911035	EH912035	3.5	6	10	45
EH911040	EH912040	4.0	6	11	45
EH911045	EH912045	4.5	6	11	45
EH911050	EH912050	5.0	6	13	50
EH911055	EH912055	5.5	6	13	50
EH911060	EH912060	6.0	6	13	50
EH911065	EH912065	6.5	8	16	60
EH911070	EH912070	7.0	8	16	60
EH911075	EH912075	7.5	8	16	60
EH911080	EH912080	8.0	8	19	60
EH911085	EH912085	8.5	10	19	70
EH911090	EH912090	9.0	10	19	70
EH911095	EH912095	9.5	10	19	70
EH911100	EH912100	10.0	10	22	70
EH911110	EH912110	11.0	12	22	75
EH911120	EH912120	12.0	12	26	75
EH911140	EH912140	14.0	16	26	85
EH911160	EH912160	16.0	16	32	100
EH911180	EH912180	18.0	16	32	100
EH911200	EH912200	20.0	20	38	105
EH911220	EH912220	22.0	20	38	105
EH911250	EH912250	25.0	25	45	120



MILL DIA. TOLERANCE(mm)	SHANK DIA. TOLERANCE
0 - 0.03	h6



- Ultra micro grain carbide.
超微颗粒硬质合金.
- Reduces chipping of corner edges.
减少了角边处的崩刃.
- Suitable for low hardness materials (under HRC45), alloy steel, tool steel, carbon steel, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRC45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等.
- Removal sharp cutting edges against chipping.
去除了尖锐角边, 避免崩刃.

● PLAIN SHANK

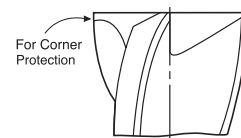
● EH913 Series

● FLAT SHANK

● EH914 Series

Unit : mm

EDP No.		MILL DIAMETER	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH
PLAIN	FLAT				
EH913020		2.0	4	6	40
EH913901	EH914901	2.0	6	6	40
EH913025		2.5	4	8	40
EH913902	EH914902	2.5	6	8	40
EH913030	EH914030	3.0	6	8	45
EH913035	EH914035	3.5	6	10	45
EH913040	EH914040	4.0	6	11	45
EH913045	EH914045	4.5	6	11	45
EH913050	EH914050	5.0	6	13	50
EH913055	EH914055	5.5	6	13	50
EH913060	EH914060	6.0	6	13	50
EH913065	EH914065	6.5	8	16	60
EH913070	EH914070	7.0	8	16	60
EH913075	EH914075	7.5	8	16	60
EH913080	EH914080	8.0	8	19	60
EH913085	EH914085	8.5	10	19	70
EH913090	EH914090	9.0	10	19	70
EH913095	EH914095	9.5	10	19	70
EH913100	EH914100	10.0	10	22	70
EH913110	EH914110	11.0	12	22	75
EH913120	EH914120	12.0	12	26	75
EH913140	EH914140	14.0	16	26	85
EH913160	EH914160	16.0	16	32	100
EH913180	EH914180	18.0	16	32	100
EH913200	EH914200	20.0	20	38	105
EH913220	EH914220	22.0	20	38	105
EH913250	EH914250	25.0	25	45	120



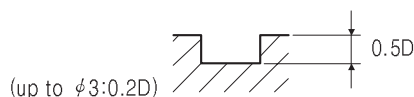
MILL DIA. TOLERANCE(mm)	SHANK DIA. TOLERANCE
0 - 0.03	h6

2 FLUTE, SHORT - SLOTTING

2刃, 35度螺旋角, 短型, 硬质合金铣刀 开槽

●EH911, EH912

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOY	
HARDNESS	~ HRC30		HRC30 ~ HRC45			
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²			
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED
2	9250	190	6050	120	5050	90
3	7150	210	4450	140	3700	120
4	6050	300	3700	180	3100	150
5	5050	320	3020	190	2530	160
6	4450	350	2690	220	2270	180
8	3360	380	2020	200	1680	180
10	2600	330	1600	160	1350	160
12	2200	280	1350	130	1090	130
16	1760	220	1090	110	850	110
20	1350	170	850	80	670	80
25	1090	130	670	70	550	60



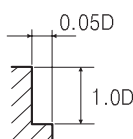
RPM=REVOLUTION PER MIN.
FEED=mm/min.

4 FLUTE, SHORT - SIDE CUTTING

4刃, 35度螺旋角, 短型, 硬质合金铣刀 侧铣

●EH913, EH914

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOY	
HARDNESS	~ HRC30		HRC30 ~ HRC45			
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²			
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED
2	9250	280	6050	170	5050	140
3	7150	320	4450	200	3700	170
4	6050	570	3700	350	3100	280
5	5050	600	3020	360	2530	300
6	4450	660	2690	410	2270	330
8	3360	710	2020	380	1680	350
10	2600	610	1600	300	1350	300
12	2200	520	1350	250	1090	240
16	1760	410	1090	200	850	200
20	1350	320	850	160	670	150
25	1090	250	670	130	550	120

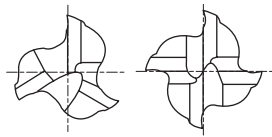


RPM=REVOLUTION PER MIN.
FEED=mm/min.



3 & 4 FLUTE, 50° HELIX, LONG LENGTH

3 & 4 刃, 50度螺旋角, 加长, 硬质合金铣刀



► Ultra micro grain carbide.

超微颗粒硬质合金.

► Reduces chipping of corner edges.

减少了角边处的崩刃.

► Suitable for low hardness materials (under HRC45), alloy steel, tool steel, carbon steel, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRC45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等.

► Removal sharp cutting edges against chipping.
去除了尖锐角边, 避免崩刃.

● PLAIN SHANK

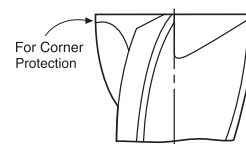
● EH830 Series

● FLAT SHANK

● EH840 Series

Unit : mm

EDP No.		MILL DIAMETER	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH	No.OF FLUTE
PLAIN	FLAT					
EH830060	EH840060	6.0	6	13	50	3
EH830080	EH840080	8.0	8	19	60	3
EH830100	EH840100	10.0	10	22	70	3
EH830120	EH840120	12.0	12	25	75	3
EH830160	EH840160	16.0	16	32	90	3
EH830180	EH840180	18.0	18	32	90	3
EH830200	EH840200	20.0	20	38	100	4
EH830250	EH840250	25.0	25	45	120	4



JET-POWER

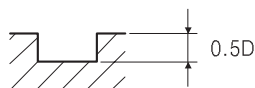
MILL DIA. TOLERANCE(mm)	SHANK DIA. TOLERANCE
0 - 0.03	h6

3 & 4 FLUTE, 50° HELIX - SLOTTING

3 & 4 刃, 50度螺旋角, 加长, 硬质合金铣刀 开槽

●EH830, EH840

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOY		INCONEL	
HARDNESS	~ HRC30		HRC30 ~ HRC45					
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²					
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
6	5560	435	3360	340	2840	160	1280	55
8	4200	475	2520	305	2100	160	920	55
10	3260	420	2000	240	1680	140	740	55
12	2740	350	1680	205	1370	120	620	40
16	2200	280	1360	170	1050	115	460	35
18	1940	245	1210	160	950	110	410	30
20	1680	210	1060	140	840	90	350	30
25	1360	160	840	120	670	80	300	20



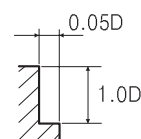
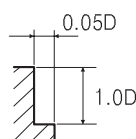
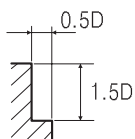
RPM=REVOLUTION PER MIN.
FEED=mm/min.

3 & 4 FLUTE, 50° HELIX - SIDE CUTTING

3 & 4 刃, 50度螺旋角, 加长, 硬质合金铣刀 侧铣

●EH830, EH840

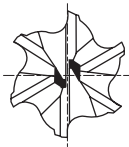
MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOY		INCONEL	
HARDNESS	~ HRC30		HRC30 ~ HRC45					
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²					
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
6	5560	650	3360	510	2840	240	1280	80
8	4200	710	2520	455	2100	240	920	80
10	3260	630	2000	360	1680	210	740	80
12	2740	520	1680	305	1370	180	620	60
16	2200	420	1360	255	1050	170	460	50
18	1940	365	1210	240	950	165	410	45
20	1680	315	1060	210	840	135	350	45
25	1360	240	840	180	670	120	300	30



RPM=REVOLUTION PER MIN.
FEED=mm/min.



6 & 8 FLUTE, 45° HELIX, LONG LENGTH (POSITIVE RAKE ANGLE) 6 & 8 刃, 45度螺旋角, 正倾角, 加长, 硬质合金铣刀



► Ultra micro grain carbide.
超微颗粒硬质合金。

► Suitable for low hardness materials (under HRC45), alloy steel, tool steel, carbon steels, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRC45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等。

► Removal of sharp cutting edges against chipping.
去除了尖锐角边, 避免崩刃。

● PLAIN SHANK

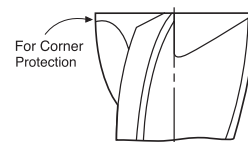
● EH915 Series

● FLAT SHANK

● EH916 Series

Unit : mm

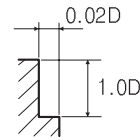
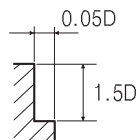
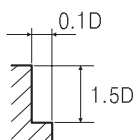
EDP No.		MILL DIAMETER	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH	No.OF FLUTE
PLAIN	FLAT					
EH915060	EH916060	6.0	6	13	57	6
EH915070	EH916070	7.0	8	16	63	6
EH915080	EH916080	8.0	8	19	63	6
EH915090	EH916090	9.0	10	19	72	6
EH915100	EH916100	10.0	10	22	72	6
EH915120	EH916120	12.0	12	26	83	6
EH915140	EH916140	14.0	14	26	83	6
EH915160	EH916160	16.0	16	32	92	6
EH915180	EH916180	18.0	18	32	92	8
EH915200	EH916200	20.0	20	38	104	8
EH915250	EH916250	25.0	25	44	104	8



MILL DIA. TOLERANCE(mm)	SHANK DIA. TOLERANCE
0 - 0.03	h6

●EH915, EH916

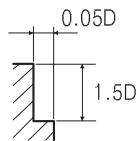
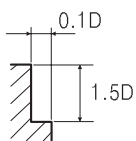
MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOY		INCONEL	
HARDNESS	~ HRC30		HRC30 ~ HRC45					
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²					
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
6	5560	2000	3880	1370	3370	1100	1350	280
7	4880	2000	3410	1370	2930	1100	1170	280
8	4200	2000	2940	1370	2490	1100	1000	280
9	3780	2000	2630	1370	2200	1100	720	280
10	3360	2000	2320	1370	1920	1100	440	280
12	2840	1680	2000	1160	1610	1000	400	250
14	2470	1470	1740	1020	1380	885	355	220
16	2100	1260	1480	880	1160	770	310	190
18	1890	1130	1320	785	1030	695	280	170
20	1680	1010	1160	690	900	620	250	155
25	1500	900	1100	600	850	540	220	135



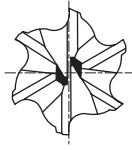
RPM=REVOLUTION PER MIN.
FEED=mm/min.

●EH915, EH916
(HIGH SPEED CUTTING)

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS	
HARDNESS	~ HRC30		HRC30 ~ HRC45	
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²	
DIAMETER	RPM	FEED	RPM	FEED
6	22200	8000	16800	6090
7	19500	8000	14700	6090
8	16800	8000	12600	6090
9	15100	8000	11300	6040
10	13400	8000	9980	5990
12	11350	6720	8400	5040
14	9850	5880	7350	4400
16	8400	5040	6300	3780
18	7550	4540	5670	3400
20	6700	4040	5040	3050
25	6000	3600	4500	2700



RPM=REVOLUTION PER MIN.
FEED=mm/min.



- Excellent performance on Low hardness materials (under HRC45), alloy steel, tool steel, carbon steel, prehardened steel, Stainless Steel, Titanium, Inconel.
对软的材料有卓越的性能 (低于 HRC45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢, 钛等. (YPM 4&6 刃)
- High Chemical Stability prevents built-up edge, micro cracks and crater wear.
高化学稳定性 防止积屑瘤, 微小裂缝凹坑形成. (YPM 4&6 刃)
- Superior workpiece finishes.
较高的工件表面粗糙度. (YPM 4&6刃)

● FLAT SHANK

● EE515 Series

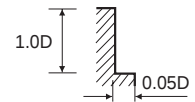
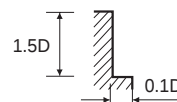
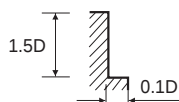
Unit : mm

EDP No. FLAT	MILL DIAMETER	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH	No. OF FLUTE
EE515030	3.0	6	8	52	4
EE515040	4.0	6	11	55	4
EE515050	5.0	6	13	57	4
EE515060	6.0	6	13	57	4
EE515080	8.0	10	19	69	4
EE515100	10.0	10	22	72	4
EE515120	12.0	12	26	83	4
EE515140	14.0	12	26	83	4
EE515160	16.0	16	32	92	6
EE515180	18.0	16	32	92	6
EE515200	20.0	20	38	104	6
EE515250	25.0	25	45	121	6

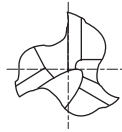
MILL DIA. TOLERANCE(MM)	SHANK DIA. TOLERANCE
+ 0.03 0	h6

● EE515

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS ~ HRC30		CARBON STEELS ALLOY STEELS TOOL STEELS HRC30 ~ HRC45		STAINLESS STEELS TITANIUM ALLOY		INCONEL	
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
3	6200	260	3800	160	4250	185	2100	85
4	4600	295	2850	220	3200	210	1600	110
5	3700	315	2300	210	2550	230	1250	110
6	3100	330	1900	200	2100	240	1050	105
8	2300	350	1450	195	1600	250	800	100
10	1850	400	1150	210	1250	290	650	110
12	1550	375	950	200	1050	250	530	110
14	1320	350	820	190	910	240	450	95
16	1150	335	720	180	800	230	400	95
18	1030	315	650	160	710	210	350	85
20	920	300	570	120	650	205	320	65
25	740	245	450	105	510	170	250	55



RPM=REVOLUTION PER MIN.
FEED=mm/min.



- Suitable for low hardness materials (under HRC45), alloy steel, tool steel, carbon steel, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRC45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等.
- High velocity milling operation.
高速铣削 螺纹
- Fast chip ejection.
切屑快速排除 螺纹

● PLAIN SHANK

● EH852 Series

● FLAT SHANK

● EH862 Series

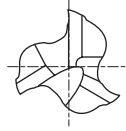
Unit : mm

EDP No.		MILL DIAMETER h10	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH	No. OF FLUTE
PLAIN	FLAT					
EH852060	EH862060	6.0	6	7	54	3
EH852070	EH862070	7.0	8	8	58	3
EH852080	EH862080	8.0	8	9	58	3
EH852090	EH862090	9.0	10	13	66	4
EH852100	EH862100	10.0	10	14	66	4
EH852120	EH862120	12.0	12	16	73	4
EH852140	EH862140	14.0	14	18	75	4
EH852160	EH862160	16.0	16	22	82	4
EH852180	EH862180	18.0	18	24	84	4
EH852200	EH862200	20.0	20	26	92	4
EH852250	EH862250	25.0	25	25	110	5

Tolerances according to DIN 7160 & 7161

Tolerance range in μm					
Nominal-Diameter in mm					
	from 1 to 3	over 3 to 6	over 6 to 10	over 10 to 18	over 18 to 30
h10	$\begin{smallmatrix} 0 \\ -40 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -48 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -58 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -70 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -84 \end{smallmatrix}$
h6	$\begin{smallmatrix} 0 \\ -6 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -8 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -9 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -11 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -13 \end{smallmatrix}$

 $\mu\text{m} = 1/1000\text{mm}$



p.E125

- Longer flute length than EH852, EH862.
比 EH852, EH862沟槽长 (EH831, EH841罗纹)
- Suitable for low hardness materials (under HRc45), alloy steel, tool steel, carbon steel, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRc45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等。
- High velocity milling operation.
高速铣削 螺纹
- Fast chip ejection.
切屑快速排除 螺纹

● PLAIN SHANK

● EH831 Series

● FLAT SHANK

● EH841 Series

Unit : mm

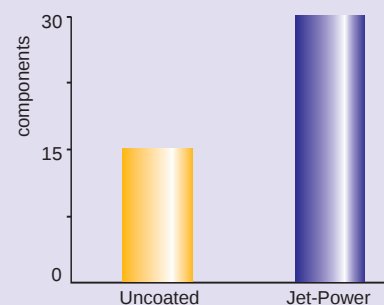
EDP No.		MILL DIAMETER h10	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH	No. OF FLUTE
PLAIN	FLAT					
EH831060	EH841060	6.0	6	16	57	3
EH831070	EH841070	7.0	8	16	63	3
EH831080	EH841080	8.0	8	16	63	3
EH831090	EH841090	9.0	10	19	72	4
EH831100	EH841100	10.0	10	22	72	4
EH831120	EH841120	12.0	12	26	83	4
EH831140	EH841140	14.0	14	26	83	4
EH831160	EH841160	16.0	16	32	92	4
EH831180	EH841180	18.0	18	32	92	4
EH831200	EH841200	20.0	20	38	104	4
EH831250	EH841250	25.0	25	45	121	5

Tolerances according to DIN 7160 & 7161

Tolerance range in μm					
Nominal-Diameter in mm					
	from 1 to 3	over 3 to 6	over 6 to 10	over 10 to 18	over 18 to 30
h10	$\begin{smallmatrix} 0 \\ -40 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -48 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -58 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -70 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -84 \end{smallmatrix}$
h6	$\begin{smallmatrix} 0 \\ -6 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -8 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -9 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -11 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -13 \end{smallmatrix}$

 $\mu\text{m} = 1/1000\text{mm}$

TOOL :
EH831080
WORKPIECE :
DIN2, 4856
INCONEL625
(DIE FOR GLASS
MOLDING)
RPM : 1800
FEED : 180mm/min





p.E125

- Ultra micro grain carbide.
超微颗粒硬质合金.
- High chip removal and minimizing breakages of cutting edges.
高的切屑排除和较小的破损。(去除锐边的螺旋)
- Suitable for low hardness materials (under HRc45), alloy steels, tool steel, carbon steel, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRc45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等.

● **PLAIN SHANK**

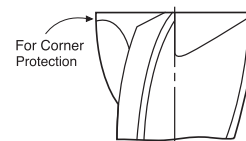
● **EH917 Series**

● **FLAT SHANK**

● **EH918 Series**

Unit : mm

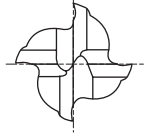
EDP No.		MILL DIAMETER h10	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH	No.OF FLUTE
PLAIN	FLAT					
EH917060	EH918060	6.0	6	7	54	4
EH917080	EH918080	8.0	8	9	58	4
EH917100	EH918100	10.0	10	14	66	4
EH917120	EH918120	12.0	12	16	73	4
EH917160	EH918160	16.0	16	22	82	5
EH917200	EH918200	20.0	20	26	92	6



Tolerances according to DIN 7160 & 7161

Tolerance range in μm					
Nominal-Diameter in mm					
	from 1 to 3	over 3 to 6	over 6 to 10	over 10 to 18	over 18 to 30
h10	$\begin{smallmatrix} 0 \\ -40 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -48 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -58 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -70 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -84 \end{smallmatrix}$
h6	$\begin{smallmatrix} 0 \\ -6 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -8 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -9 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -11 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -13 \end{smallmatrix}$

$\mu m = 1/1000mm$



p.E125

► Ultra micro grain carbide.

超微颗粒硬质合金.

► High chip ejection and minimal breakages of cutting edges.

高的切屑排除和较小的破损。(去除锐边的螺纹)

► Suitable for low hardness materials (under HRc45), alloy steel, tool steel, carbon steel, prehardened steel, stainless steel, etc.

适于低硬度材料 (低于 HRc45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等.

● PLAIN SHANK

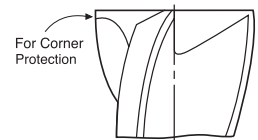
● EH919 Series

● FLAT SHANK

● EH920 Series

Unit : mm

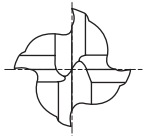
EDP No.		MILL DIAMETER h10	SHANK DIAMETER h6	LENGTH OF CUT	OVERALL LENGTH	No.OF FLUTE
PLAIN	FLAT					
EH919040	EH920040	4.0	6	11	57	3
EH919050	EH920050	5.0	6	13	57	4
EH919060	EH920060	6.0	6	16	57	4
EH919070	EH920070	7.0	8	16	63	4
EH919080	EH920080	8.0	8	16	63	4
EH919090	EH920090	9.0	10	19	72	4
EH919100	EH920100	10.0	10	22	72	4
EH919120	EH920120	12.0	12	26	83	4
EH919140	EH920140	14.0	14	26	83	5
EH919160	EH920160	16.0	16	32	92	5
EH919200	EH920200	20.0	20	38	104	6
EH919250	EH920250	25.0	25	45	121	6



Tolerances according to DIN 7160 & 7161

Tolerance range in μm					
Nominal-Diameter in mm					
	from 1 to 3	over 3 to 6	over 6 to 10	over 10 to 18	over 18 to 30
h10	$\begin{smallmatrix} 0 \\ -40 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -48 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -58 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -70 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -84 \end{smallmatrix}$
h6	$\begin{smallmatrix} 0 \\ -6 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -8 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -9 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -11 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -13 \end{smallmatrix}$

$\mu\text{m} = 1/1000\text{mm}$



p.E125

- Ultra micro grain carbide.
超微颗粒硬质合金。
- High chip ejection and minimal breakages of cutting edges.
高的切屑排除和较小的破损。(去除锐边的螺旋)
- Suitable for low hardness materials (under HRC45), alloy steel, tool steel, carbon steel, prehardened steel, stainless steel, etc.
适于低硬度材料 (低于 HRC45), 合金钢, 工具钢, 碳钢, 预硬钢, 不锈钢等。

● PLAIN SHANK

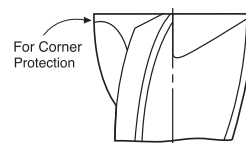
● EH921 Series

● FLAT SHANK

● EH942 Series

Unit : mm

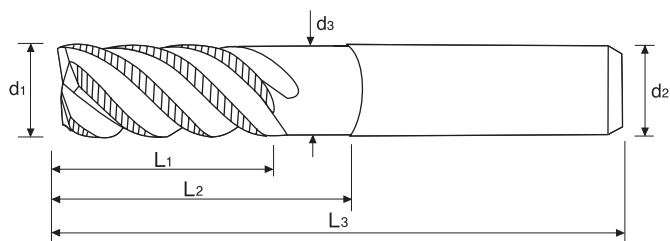
EDP No.		MILL DIAMETER d ₁ (h10)	SHANK DIAMETER d ₂ (h6)	LENGTH OF CUT L ₁	LENGTH BELOW SHANK L ₂	OVERALL LENGTH L ₃	NECK DIAMETER d ₃	No.OF FLUTE
PLAIN	FLAT							
EH921060	EH942060	6.0	6	16	20	57	5.5	4
EH921080	EH942080	8.0	8	16	26	63	7.5	4
EH921100	EH942100	10.0	10	22	31	72	9.5	4
EH921120	EH942120	12.0	12	26	37	83	11.5	4
EH921160	EH942160	16.0	16	32	51	100	15.5	5
EH921200	EH942200	20.0	20	38	59	110	19.2	6



Tolerances according to DIN 7160 & 7161

Tolerance range in μm					
Nominal-Diameter in mm					
	from 1 to 3	over 3 to 6	over 6 to 10	over 10 to 18	over 18 to 30
h10	$\begin{smallmatrix} 0 \\ -40 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -48 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -58 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -70 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -84 \end{smallmatrix}$
h6	$\begin{smallmatrix} 0 \\ -6 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -8 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -9 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -11 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -13 \end{smallmatrix}$

$\mu\text{m} = 1/1000\text{mm}$

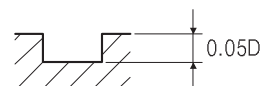


● EH917, EH918, EH919, EH920, EH921, EH942, EH852, EH862, EH831, EH841

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOY		INCONEL	
HARDNESS	~ HRC30		HRC30 ~ HRC45					
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²					
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
6	15600	2320	12400	840	8400	570	2400	190
8	11600	2320	9200	840	6300	570	1800	180
10	9200	2320	7600	840	5100	570	1300	190
12	8000	2400	6000	800	4200	570	1200	190
14	6800	2400	5200	840	3600	570	900	130
16	6000	2400	4800	760	3300	510	800	110
18	5200	2320	4400	720	2700	420	700	100
20	4800	2160	3600	560	2400	360	660	100
25	4300	2150	3200	620	2160	410	600	100



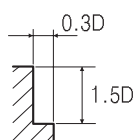
A: $\phi 6 - \phi 10: 0.25 \times D$
 $\phi 12 - \phi 16: 0.15 \times D$
 $\phi 18 - \phi 25: 0.10 \times D$



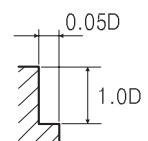
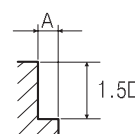
RPM=REVOLUTION PER MIN.
FEED=mm/min.

● EH917, EH918, EH919, EH920, EH921, EH942, EH852, EH862, EH831, EH841

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOY		INCONEL	
HARDNESS	~ HRC30		HRC30 ~ HRC45					
STRENGTH	1000N/mm ²		1000 ~ 1500N/mm ²					
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
6	15600	2320	12400	840	8400	570	2400	190
8	11600	2320	9200	840	6300	570	1800	180
10	9200	2320	7600	840	5100	570	1300	190
12	8000	2400	6000	800	4200	570	1200	190
14	6800	2400	5200	840	3600	570	900	130
16	6000	2400	4800	760	3300	510	800	110
18	5200	2320	4400	720	2700	420	700	100
20	4800	2160	3600	560	2400	360	660	100
25	4300	2150	3200	620	2160	410	600	100



A: $\phi 6 - \phi 10: 0.15 \times D$
 $\phi 12 - \phi 16: 0.10 \times D$
 $\phi 18 - \phi 25: 0.05 \times D$



RPM=REVOLUTION PER MIN.
FEED=mm/min.