JET-POWER END MILLS

EH094 SERIES PLAIN SHANK

CARBIDE, MULTI FLUTE STUB LENGTH FINE PITCH ROUGHING

- Designed to machine low hardness materials (under HRc45), alloy steels, tool steels, carbon steels, prehardened steels, stainless steel, inconel, nimonic.
- High velocity milling operation.
- Fast chip ejection.





MG | FINE | 3-5 | 30° | PLAIN

P.657

◆ U.S.A Stock

Unit : Inch

EDP No.	Mill Diameter	Shank Diameter	Length of Cut	Overall Length	No. of Flute
95072	1/4	1/4	5/16	2-1/8	3
95073	5/16	5/16	3/8	2-1/4	3
95074	3/8	3/8	9/16	2-1/2	3
95075	1/2	1/2	5/8	3	4
95076	5/8	5/8	7/8	3-1/4	4
95077	3/4	3/4	1	3-3/4	4
95078	1	1	1	4	5

Mill Dia. (inch)	Mill Dia. Tolerance(inch)	Shank Dia. Tolerance
1/4~3/8	0 ~ −.0022	0 ~ −.0003
1/2~5/8	0 ~ −.0027	
3/4~1	0 ~ −.0033	

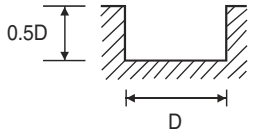
◎ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HRc20	HRc20~30	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
○	◎	◎	○							◎	◎	○

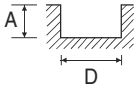
CARBIDE, MULTI FLUTE ROUGHING - SLOTTING

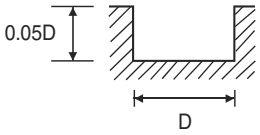
EH094, EH095, EH969, EH970, EH852, EH831, EH917, EH919, EH921 SERIES

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS		TITANIUM ALLOY		INCONEL	
HARDNESS	~HRc30		HRc30 ~ HRc45							
STRENGTH	~1000N/mm²		1000 ~ 1500N/mm²							
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
1/4	15600	91.4	12400	33.1	8400	22.5	3150	10.6	2400	7.5
5/16	11600	91.4	9200	33.1	6300	22.5	2350	9.8	1800	7.1
3/8	9200	91.4	7600	33.1	5100	22.5	1700	10.2	1300	7.5
1/2	8000	94.5	6000	31.5	4200	22.5	1560	10.2	1200	7.5
5/8	6000	94.5	4800	29.9	3300	20.1	1040	5.8	800	4.3
3/4	5200	91.4	4400	28.4	2500	16.6	910	5.5	675	4.0
1	4300	84.7	3200	24.4	2160	16.2	780	5.1	600	4.3



A: D1/4-D3/8:0.25×D
D1/2-D5/8:0.15×D
D3/4-D1:0.10×D





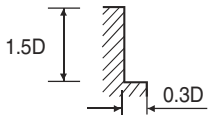
※ The Feed, in long & extra long types, should be reduced by around 50%.

RPM = rev./min.
FEED = inch/min.

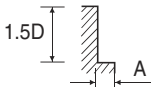
CARBIDE, MULTI FLUTE ROUGHING - SIDE CUTTING

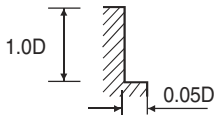
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3/4	5200	91.4	4400	28.4	2700	16.6	910	5.5	700	4.0
1	4300	84.7	3200	24.4	2160	16.2	780	5.1	600	4.3



A: D1/4-D3/8:0.15×D
D1/2-D5/8:0.10×D
D3/4-D1:0.05×D





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

RPM = rev./min.
FEED = inch/min.