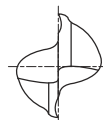


**CARBIDE, 2 FLUTE STUB LENGTH DOUBLE**

- ▶ Same construction features as 2&4 flute single end mill in a more economical version.
- ▶ Suitable for cutting hardened & high alloy steels, steel casting, chill casting, malleable cast iron, CrNi-steels, brass, copper, aluminum with a high percentage of silicon and abrasive plastics.



MG
2
30°
PLAIN
P.787

Unit : Inch

EDP No.					Mill Diameter	Shank Diameter	Length of Cut	Overall Length
UNCOATED	TiN COATED	TiCN COATED	YG:TYLON F	YG:TYLON E				
32552	32552TN	32552TC	32552TF	32552TE	1/32	1/8	1/16	1-1/2
32553	32553TN	32553TC	32553TF	32553TE	3/64	1/8	3/32	1-1/2
32554	32554TN	32554TC	32554TF	32554TE	1/16	1/8	1/8	1-1/2
32555	32555TN	32555TC	32555TF	32555TE	5/64	1/8	1/8	1-1/2
32556	32556TN	32556TC	32556TF	32556TE	3/32	1/8	3/16	1-1/2
32557	32557TN	32557TC	32557TF	32557TE	7/64	1/8	3/16	1-1/2
32558	32558TN	32558TC	32558TF	32558TE	1/8	1/8	1/4	1-1/2
32560	32560TN	32560TC	32560TF	32560TE	9/64	3/16	5/16	2
32562	32562TN	32562TC	32562TF	32562TE	5/32	3/16	5/16	2
32564	32564TN	32564TC	32564TF	32564TE	11/64	3/16	5/16	2
32565	32565TN	32565TC	32565TF	32565TE	3/16	3/16	3/8	2
32569	32569TN	32569TC	32569TF	32569TE	13/64	1/4	1/2	2-1/2
32570	32570TN	32570TC	32570TF	32570TE	7/32	1/4	1/2	2-1/2
32572	32572TN	32572TC	32572TF	32572TE	15/64	1/4	1/2	2-1/2
32573	32573TN	32573TC	32573TF	32573TE	1/4	1/4	1/2	2-1/2
32579	32579TN	32579TC	32579TF	32579TE	5/16	5/16	1/2	2-1/2
32584	32584TN	32584TC	32584TF	32584TE	3/8	3/8	9/16	2-1/2
32588	32588TN	32588TC	32588TF	32588TE	7/16	7/16	9/16	2-3/4
32593	32593TN	32593TC	32593TF	32593TE	1/2	1/2	5/8	3

Mill Dia. Tolerance (inch)	
0~-.0012	* * 0~-.0020

\*\*The shank of end mills is the same diameter as the cutting portion.

◎ : 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							
◎	◎	◎				○		○	○	○		

CBN END MILL

i-Xmill END MILL

X5070 END MILLS

4G MILLS END MILLS

X-SPEED ROUGHER END MILLS

X-POWER END MILLS

JET-POWER END MILLS

V7 Mill STEEL END MILLS

V7 Mill INOX END MILLS

ALU-POWER END MILLS

D-POWER END MILLS

STANDARD CARBIDE END MILLS

TANK-POWER END MILLS

STANDARD COBALT &amp; HSS END MILLS

TECHNICAL DATA



RECOMMENDED CUTTING CONDITIONS

HSS

CARBIDE, 2 FLUTE - SLOTTING

CBN END MILL

i-Xmill END MILL

X5070 END MILLS

4G MILLS END MILLS

X-SPEED ROUGHER END MILLS

X-POWER END MILLS

JET-POWER END MILLS

V7 Mill STEEL END MILLS

V7 Mill INOX END MILLS

ALU-POWER END MILLS

D-POWER END MILLS

STANDARD CARBIDE END MILLS

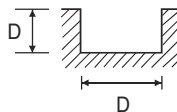
TANK-POWER END MILLS

STANDARD COBALT & HSS END MILLS

TECHNICAL DATA

**E5020, E5244, E5011, E5026, E5022, E5025** SERIES

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOYS		CAST IRON		ALUMINUM ALLOYS		COPPER. BRASS NON-FERROUS METALS	
HARDNESS	~ HRc 20		HRc 20 ~ HRc 30		HRc 30 ~ HRc 40									
STRENGTH	500 ~ 800N/mm <sup>2</sup>		800 ~ 1000N/mm <sup>2</sup>		1000 ~ 1300N/mm <sup>2</sup>									
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
3/32	5500	3.2	4800	2.8	4000	2.2	8000	2.6	6500	5.9	16000	12.6	12000	9.5
1/8	3700	3.5	3200	3.2	2600	2.4	5300	2.6	4200	5.9	11000	12.6	8000	9.5
5/32	2800	3.5	2400	3.2	2000	2.4	4000	2.6	3200	5.9	8000	12.6	6000	9.5
3/16	2200	3.5	1900	3.2	1600	2.4	3200	2.6	2500	5.9	6400	12.6	4800	9.5
1/4	1800	3.5	1600	3.2	1300	2.4	2600	2.6	2100	7.1	5300	13.4	4000	10.2
5/16	1400	3.5	1200	3.2	1000	2.4	2000	2.6	1600	7.5	4000	13.4	3000	10.2
3/8	1100	3.5	950	3.2	800	2.4	1600	2.6	1300	7.9	3200	13.4	2400	10.2
1/2	900	3.5	800	3.2	660	2.4	1300	2.6	1000	8.3	2600	13.4	2000	10.2
9/16	800	3.5	700	3.2	570	2.4	1100	2.6	900	8.7	2300	13.4	1700	10.2
5/8	700	3.9	600	3.4	500	3.0	1000	3.0	800	8.9	2000	13.4	1500	10.2
13/16	550	3.9	480	3.4	400	3.0	800	3.2	640	9.5	1600	13.4	1200	10.2



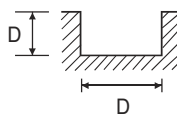
※ The Feed, in long & extra long types, should be reduced by around 50%.

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

CARBIDE, 2 FLUTE TiAIN "F" COATED - SLOTTING

**EH020, EH244, EH011, EH026, EH022, EH025** SERIES

MATERIAL	CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		CARBON STEELS ALLOY STEELS TOOL STEELS		STAINLESS STEELS TITANIUM ALLOYS		CAST IRON		ALUMINUM ALLOYS		COPPER. BRASS NON-FERROUS METALS	
HARDNESS	~ HRc 20		HRc 20 ~ HRc 30		HRc 30 ~ HRc 40									
STRENGTH	500 ~ 800N/mm <sup>2</sup>		800 ~ 1000N/mm <sup>2</sup>		1000 ~ 1300N/mm <sup>2</sup>									
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
3/32	8640	4.7	7440	4.3	6240	3.3	12000	4.0	10200	9.4	24000	19.9	18000	14.6
1/8	5760	5.7	5040	5.0	4080	3.8	8280	4.0	6600	9.4	16800	19.9	12000	14.6
5/32	4370	5.7	3720	5.0	3120	3.8	6240	4.0	5040	9.4	12000	19.9	9600	14.6
3/16	3430	5.7	3000	5.0	2400	3.8	5040	4.0	3960	9.4	9960	19.9	7440	14.6
1/4	2880	5.7	2400	5.0	2040	3.8	4080	4.0	3240	10.9	8280	20.8	6240	16.1
5/16	2160	5.7	1800	5.0	1560	3.8	3120	4.0	2400	11.8	6240	20.8	4800	16.1
3/8	1680	5.7	1440	5.0	1200	3.8	2400	4.0	2040	12.3	5040	20.8	3720	16.1
1/2	1440	5.7	1200	5.0	1030	3.8	2040	4.0	1560	12.8	4080	20.8	3120	16.1
9/16	1200	5.7	1080	5.0	890	3.8	1680	4.0	1440	13.2	3600	20.8	2640	16.1
5/8	1080	6.1	960	5.2	780	4.7	1560	4.8	1200	13.7	3120	20.8	2400	16.1
13/16	880	6.1	740	5.2	620	4.7	1200	4.8	1000	14.6	2400	20.8	1870	16.1



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

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