

CARBIDE, 3 FLUTE 35° HELIX REGULAR LENGTH CORNER RADIUS - "HOSS"

- ▶ #1 Choice for slotting, ramping & pocket work on stainless, monel & other alloys up to HRc35.
- ▶ Dry milling is recommended on steel alloys to reduce thermal shock and increase the life (YG:TYLON F or E COATING).



MG 3 35° PLAIN FLAT P.642

◆ U.S.A Stock

Ø1/8-Ø5/16 Ø11/32-Ø1

Unit : Inch

EDP No.					Corner Radius	Mill Diameter	Shank Diameter	Length of Cut	Overall Length
UNCOATED	TIN COATED	TiCN COATED	YG:TYLON F	YG:TYLON E	R				
56558	56558TN	56558TC	56558TF	56558TE	.008 ~ .010	1/8	1/8	1/2	1-1/2
56561	56561TN	56561TC	56561TF	56561TE	.008 ~ .010	5/32	3/16	9/16	2
56565	56565TN	56565TC	56565TF	56565TE	.008 ~ .010	3/16	3/16	9/16	2
56570	56570TN	56570TC	56570TF	56570TE	.015 ~ .020	7/32	1/4	3/4	2-1/2
56573	56573TN	56573TC	56573TF	56573TE	.015 ~ .020	1/4	1/4	3/4	2-1/2
56576	56576TN	56576TC	56576TF	56576TE	.015 ~ .020	9/32	5/16	13/16	2-1/2
56579	56579TN	56579TC	56579TF	56579TE	.015 ~ .020	5/16	5/16	13/16	2-1/2
56582	56582TN	56582TC	56582TF	56582TE	.015 ~ .020	11/32	3/8	1	2-1/2
56584	56584TN	56584TC	56584TF	56584TE	.015 ~ .020	3/8	3/8	1	2-1/2
56588	56588TN	56588TC	56588TF	56588TE	.015 ~ .020	7/16	7/16	1	2-3/4
56593	56593TN	56593TC	56593TF	56593TE	.030 ~ .035	1/2	1/2	1-1/4	3
56595	56595TN	56595TC	56595TF	56595TE	.030 ~ .035	5/8	5/8	1-5/8	3-1/2
56598	56598TN	56598TC	56598TF	56598TE	.030 ~ .035	3/4	3/4	1-5/8	4
56600	56600TN	56600TC	56600TF	56600TE	.030 ~ .035	1	1	2	4

Mill Dia. Tolerance (inch)	Shank Dia. Tolerance
0 ~ -.0012	0 ~ -.0003

◎ : 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 & HSS END MILLS

TECHNICAL DATA

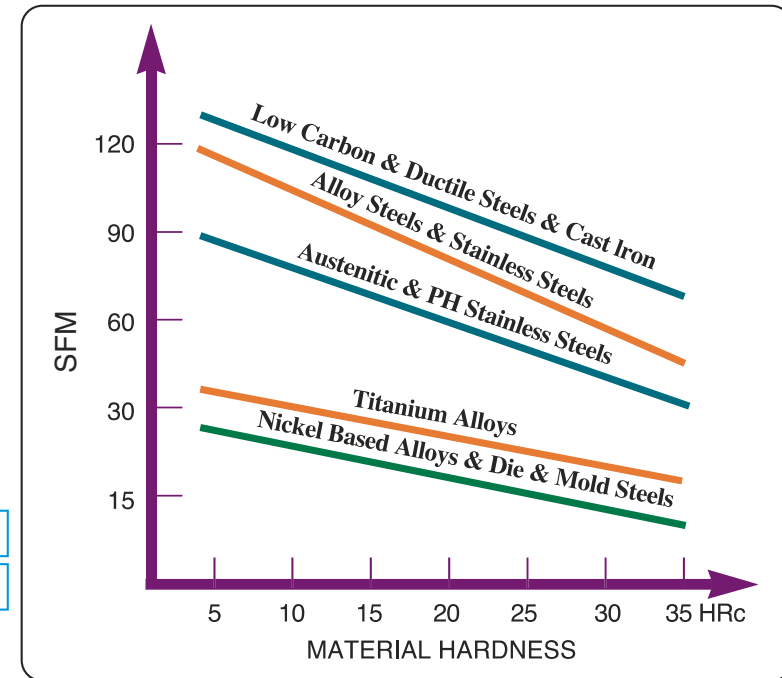
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0~- .0012	0~- .0003

RECOMMENDED CUTTING CONDITIONS

- ▶ Use stub length whenever possible
- ▶ Hardslick coating is recommended on soft gummy material
Especially on tools 3/16 and under

CUTTING TOOL DIAMETER

1/8	.0003~.0015	3/8	.0015~.0035	3/4	.003~.006
3/16	.0004~.002	7/16	.002~.004	1	.003~.007
1/4	.001~.0025	1/2	.0025~.0045		
5/16	.0015~.003	5/8	.0025~.005		



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~HRc20	HRc20~30	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
○	◎	○						○		◎		

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