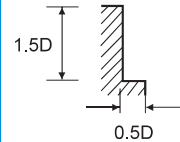
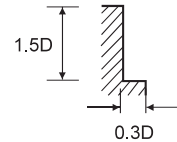
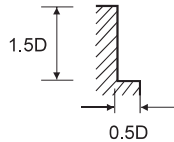


**PM60, MULTI FLUTE MULTIPLE HELIX
CORNER RADIUS ROUGHING - FINE (Center Cut)**
GYG69 SERIES

MATERIAL	P										M	
	STRUCTURAL STEELS CARBON STEELS	STRUCTURAL STEELS CARBON STEELS CAST IRONS	CARBON STEELS ALLOY STEELS TOOL STEELS	PREHARDENED STEELS ALLOY STEELS TOOL STEELS	ALLOY STEELS TOOL STEELS	STAINLESS STEELS						
HARDNESS		~ HRc20	HRc20 ~ HRc30	HRc30 ~ HRc40	HRc40 ~ HRc45							
STRENGTH	~ 500N/mm ²	500 ~ 800N/mm ²	800 ~ 1000N/mm ²	1000 ~ 1300N/mm ²	1300 ~ 1400N/mm ²							
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
1/4	3810	12.00	3010	9.95	2160	6.11	1750	5.53	1250	3.95	1960	5.85
5/16	3490	16.48	2770	13.07	2050	9.02	1520	7.20	1080	4.95	1720	8.15
3/8	2870	24.89	2270	18.97	1570	11.38	1340	9.47	940	6.48	1440	10.18
1/2	2180	22.32	1630	17.70	1230	12.19	1000	9.63	700	6.63	1080	10.86
5/8	1740	23.70	1380	18.79	960	13.07	800	10.42	560	7.18	860	11.71
3/4	1450	25.18	1140	19.46	800	13.58	670	10.66	470	7.37	740	12.16
1	1130	23.31	850	17.78	590	12.41	510	10.12	350	6.91	550	11.29



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

CARBIDE
HSS

 CBN
END MILLS

 i-Xmill
END MILLS

 i-SMART
MODULAR
TYPE END MILLS

 X5070
END MILLS

 4G MILL
END MILLS

 X-POWER
END MILLS

 JET-POWER
END MILLS

 TitaNox
-POWER
END MILLS

 V7 PLUS A
END MILLS

 V7 MILL INOX
END MILLS

 ALU-POWER
HPC
END MILLS

 ALU-POWER
END MILLS

 D-POWER
GRAPHITE
END MILLS

 D-POWER
CFRP
END MILLS

 ROUTERS
CFRP

 STANDARD
CARBIDE
END MILLS

 ONLY ONE
COATED PM60
END MILLS

 SINE -POWER
END MILLS

 TANK-POWER
END MILLS

 STANDARD
COBALT & HSS
END MILLS

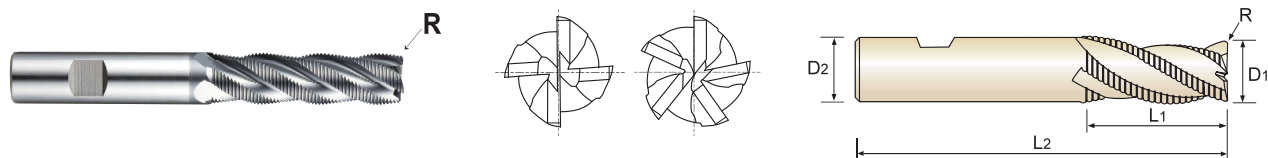
 TECHNICAL
DATA

CARBIDE

HSS


**ONLY ONE
END MILLS**
GYG69 SERIES

FLAT SHANK

**PM60, MULTI FLUTE MULTIPLE HELIX
CORNER RADIUS ROUGHING - FINE (Center Cut)**


5 Flute, 44°/44.5°/45°

Unit : Inch

EDP No.	Corner Radius	Mill Diameter	Shank Diameter	Length of Cut	Overall Length	No. of Flute
Y-COATED	R	D1	D2	L1	L2	
GYG69016	R.020	1/4	3/8	5/8	2-7/16	4
GYG69020	R.020	5/16	3/8	3/4	2-1/2	4
GYG69024	R.020	3/8	3/8	3/4	2-1/2	4
GYG69032	R.020	1/2	1/2	1-1/4	3-1/4	4
GYG69040	R.040	5/8	5/8	1-1/4	3-3/8	5
GYG69048	R.040	3/4	3/4	1-5/8	3-7/8	5
GYG69064	R.040	1	1	2	4-1/2	5

 Mill Dia.
Tolerance(inch)

0 ~ +.0030

◎ : Excellent ○ : Good

P					H	M	K	N					S	
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Stainless Steels	Cast Iron	Copper	Graphite	Aluminum	Acrylic	CFRP	Titanium	High Temperature Alloy
~HRC20	HRC20~30	HRC30~40	HRC40~45	HRC45~55	HRC55~70									
◎	◎	○	○			◎	◎	○						

1178 • phone:+1-800-765-8665, Technical Support : 888-868-5988, www.yg1usa.com
CBN
END MILLSi-Xmill
END MILLSi-SMART
MODULAR
TYPE END MILLSX5070
END MILLS4G MILL
END MILLSX-POWER
END MILLSJET-POWER
END MILLSTiTaNox
-POWER
END MILLSV7 PLUS A
END MILLSV7 MILL INOX
END MILLSALU-POWER
HPC
END MILLSALU-POWER
END MILLSD-POWER
GRAPHITE
END MILLSD-POWER
CFRP
END MILLSROUTERS
CFRPSTANDARD
CARBIDE
END MILLSONLY ONE
COATED PM60
END MILLSSINE -POWER
END MILLSTANK-POWER
END MILLSSTANDARD
COBALT & HSS
END MILLSTECHNICAL
DATA