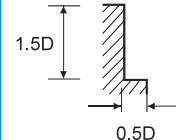
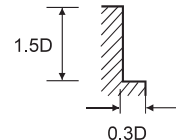
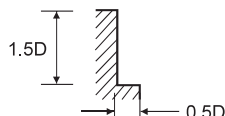



PM60, MULTI FLUTE ROUGHING (Center Cut)
GYG68, GYG70 SERIES

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	3160	10.07	2510	7.99	1800	5.12	1450	4.64	1050	3.48	1650	4.88
5/16	2890	13.98	2290	10.80	1680	7.56	1280	6.06	880	4.17	1440	6.65
3/8	2410	20.84	1900	15.90	1340	9.89	1140	7.87	800	5.68	1200	8.53
1/2	1800	18.47	1350	14.71	1030	10.36	850	8.05	580	5.45	900	9.09
5/8	1440	19.78	1140	15.66	800	10.99	660	8.44	460	5.96	720	9.66
3/4	1200	21.03	950	16.35	670	11.26	550	8.77	380	6.11	600	10.04
1	940	19.43	710	14.91	490	10.20	430	8.39	300	5.92	460	9.31
1 1/4	670	17.77	500	13.38	350	9.45	300	7.67	210	5.32	330	8.52



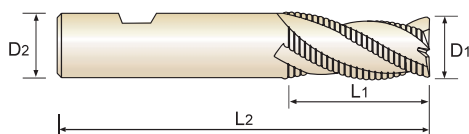
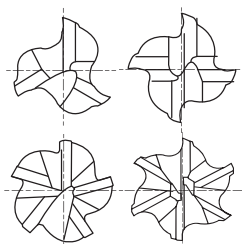
RPM = rev./min.
FEED = inch/min.

CARBIDE

HSS


**ONLY ONE
END MILLS**
GYG70 SERIES

FLAT SHANK

PM60, MULTI FLUTE ROUGHING- COARSE (Center Cut)

**PM
60**
3-6

COARSE


P.1185

EDP No.	Mill Diameter	Shank Diameter	Length of Cut	Overall Length	No. of Flute
Y-COATED	D1	D2	L1	L2	
GYG70016	1/4	3/8	5/8	2-7/16	3
GYG70020	5/16	3/8	3/4	2-1/2	3
GYG70024	3/8	3/8	3/4	2-1/2	4
GYG70032	1/2	1/2	1-1/4	3-1/4	4
GYG70040	5/8	5/8	1-5/8	3-3/4	4
GYG70048	3/4	3/4	1-5/8	3-7/8	4
GYG70064	1	1	2	4-1/2	5
GYG70116	1-1/4	1-1/4	2	4-1/2	6

Mill Dia. Tolerance (inch)	
up to 1	0~+.0030
over 1	0~+.0060

© : 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									
◎	◎	○	○			◎	◎	○						

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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