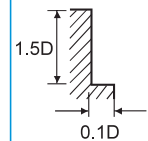
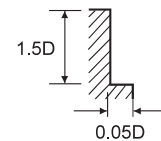
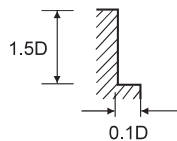


**PM60, 4 FLUTE (Center Cut)**
**GYG65 SERIES**

| MATERIAL | P                                     |       |                                                     |       |                                              |       |                                                      |       |                              |       |                              |      | M                   |       |
|----------|---------------------------------------|-------|-----------------------------------------------------|-------|----------------------------------------------|-------|------------------------------------------------------|-------|------------------------------|-------|------------------------------|------|---------------------|-------|
|          | STRUCTURAL<br>STEELS<br>CARBON STEELS |       | STRUCTURAL<br>STEELS<br>CARBON STEELS<br>CAST IRONS |       | CARBON STEELS<br>ALLOY STEELS<br>TOOL STEELS |       | PREHARDENED<br>STEELS<br>ALLOY STEELS<br>TOOL STEELS |       | ALLOY STEELS<br>TOOL STEELS  |       | ALLOY STEELS<br>TOOL STEELS  |      | STAINLESS<br>STEELS |       |
| HARDNESS |                                       |       | ~ HRC20                                             |       | HRC20 ~ HRC30                                |       | HRC30 ~ HRC35                                        |       | HRC35 ~ HRC40                |       | HRC40 ~ HRC45                |      |                     |       |
| STRENGTH | ~ 500N/mm <sup>2</sup>                |       | 500 ~ 800N/mm <sup>2</sup>                          |       | 800 ~ 1000N/mm <sup>2</sup>                  |       | 1000 ~ 1100N/mm <sup>2</sup>                         |       | 1100 ~ 1300N/mm <sup>2</sup> |       | 1300 ~ 1400N/mm <sup>2</sup> |      |                     |       |
| DIAMETER | RPM                                   | FEED  | RPM                                                 | FEED  | RPM                                          | FEED  | RPM                                                  | FEED  | RPM                          | FEED  | RPM                          | FEED | RPM                 | FEED  |
| 1/8      | 7520                                  | 17.76 | 6820                                                | 16.11 | 5010                                         | 11.05 | 3110                                                 | 8.32  | 2710                         | 5.54  | 1900                         | 3.90 | 3010                | 6.16  |
| 3/16     | 5550                                  | 25.34 | 5010                                                | 20.53 | 3680                                         | 16.21 | 2540                                                 | 11.20 | 2140                         | 7.75  | 1470                         | 5.56 | 2340                | 8.47  |
| 1/4      | 4410                                  | 24.32 | 4060                                                | 19.82 | 2960                                         | 14.91 | 2060                                                 | 10.36 | 1650                         | 8.08  | 1150                         | 5.63 | 1800                | 8.81  |
| 5/16     | 3730                                  | 27.02 | 3130                                                | 22.66 | 2410                                         | 17.43 | 1680                                                 | 11.41 | 1400                         | 8.84  | 960                          | 6.06 | 1520                | 9.36  |
| 3/8      | 2910                                  | 31.14 | 2640                                                | 26.19 | 2010                                         | 18.63 | 1270                                                 | 13.40 | 1140                         | 10.02 | 800                          | 7.20 | 1240                | 10.91 |
| 1/2      | 2260                                  | 25.22 | 2030                                                | 21.42 | 1580                                         | 16.41 | 1000                                                 | 10.74 | 800                          | 8.08  | 580                          | 5.90 | 900                 | 8.95  |
| 5/8      | 1950                                  | 24.20 | 1680                                                | 20.43 | 1200                                         | 16.11 | 820                                                  | 10.49 | 660                          | 7.92  | 460                          | 5.52 | 740                 | 8.76  |
| 3/4      | 1570                                  | 21.77 | 1320                                                | 18.29 | 990                                          | 13.66 | 670                                                  | 8.63  | 550                          | 6.95  | 380                          | 4.90 | 600                 | 7.58  |
| 7/8      | 1250                                  | 19.04 | 1130                                                | 14.97 | 820                                          | 11.96 | 560                                                  | 7.48  | 470                          | 6.03  | 330                          | 4.20 | 530                 | 6.68  |
| 1        | 1180                                  | 17.25 | 990                                                 | 14.03 | 750                                          | 10.66 | 490                                                  | 6.93  | 430                          | 5.84  | 300                          | 4.17 | 460                 | 6.43  |



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

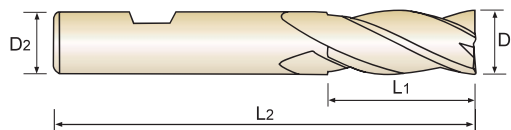
 TECHNICAL  
DATA

CARBIDE

HSS


**ONLY ONE  
END MILLS**
**GYG65 SERIES**

FLAT SHANK

**PM60, 4 FLUTE (Center Cut)**

**PM  
60**


P.1183

Unit : Inch

| EDP No.         | Mill Diameter | Shank Diameter | Length of Cut | Overall Length |
|-----------------|---------------|----------------|---------------|----------------|
| Y-COATED        | D1            | D2             | L1            | L2             |
| <b>GYG65008</b> | <b>1/8</b>    | 3/8            | 3/8           | 2-5/16         |
| <b>GYG65012</b> | <b>3/16</b>   | 3/8            | 1/2           | 2-3/8          |
| <b>GYG65016</b> | <b>1/4</b>    | 3/8            | 5/8           | 2-7/16         |
| <b>GYG65020</b> | <b>5/16</b>   | 3/8            | 3/4           | 2-1/2          |
| <b>GYG65024</b> | <b>3/8</b>    | 3/8            | 3/4           | 2-1/2          |
| <b>GYG65032</b> | <b>1/2</b>    | 1/2            | 1-1/4         | 3-1/4          |
| <b>GYG65040</b> | <b>5/8</b>    | 5/8            | 1-5/8         | 3-3/4          |
| <b>GYG65048</b> | <b>3/4</b>    | 3/4            | 1-5/8         | 3-7/8          |
| <b>GYG65056</b> | <b>7/8</b>    | 7/8            | 1-7/8         | 4-1/8          |
| <b>GYG65064</b> | <b>1</b>      | 1              | 2             | 4-1/2          |

| Mill Dia.<br>Tolerance(inch) | Shank Dia.<br>Tolerance |
|------------------------------|-------------------------|
| 0 ~ -.0012                   | h6                      |

◎ : 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             |                  |           |        |          |          |         |      |          |                        |
| ◎             | ◎            | ○                  | ○               |          |                      | ◎                | ◎         | ○      |          |          |         |      |          |                        |

**1176** • phone:+1-800-765-8665, Technical Support : 888-868-5988, [www.yg1usa.com](http://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