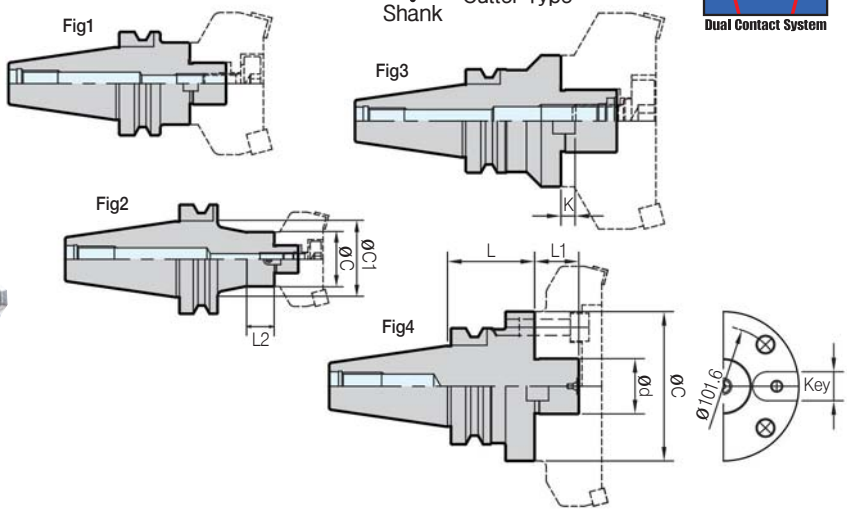
# FACE MILL ARBOR

CODE No.

GBT50 | FMA25.4 | 45

Shank | Cutter Type | Length

SELUX
Dual Contact System




GBT Tooling System은 BT 2면구속 Spindle에서 2면구속으로 사용이 가능하며 일반 BT Spindle에서도 사용이 가능합니다.
GBT Tooling System can be used as the double face contact with the double face contact spindle and also used with BT standard spindle.

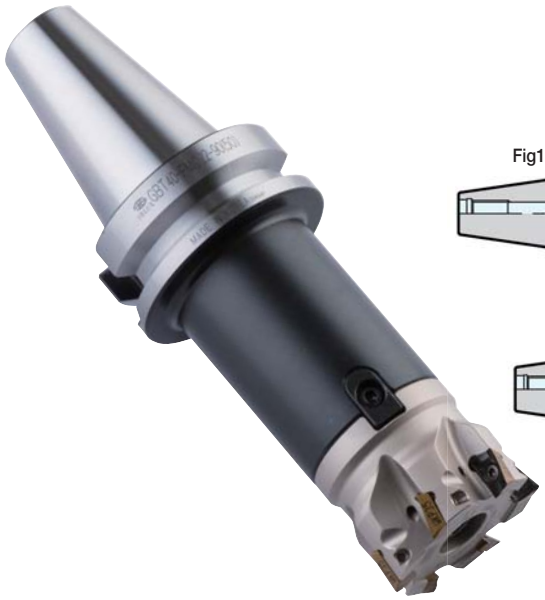
## PRODUCT INFORMATION

■ JIS B4113 face milling용 입니다. ■ For face-milling cutter conforming to JIS B4113.

| Code No. | ød | Cutter Dia | L | øC | øC1 | L1 | L2 | Key | K | Fig | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GBT30 - FMA25.4 - 45 | 25.4 | 80 | 45 | 50 | - | 22 | - | K9.5 - S | 5 | 3 | 0.8 |
| - FMA31.75 - 45 | 31.75 | 100 | | 60 | | 30 | | K12.7 - S | 7 | | 1.0 |
| GBT40 - FMA25.4 - 45 | 25.4 | 80 | 45 | 50 | - | 22 | - | K9.5 - S | 5 | 1 | 1.4 |
| - 90 | | | 90 | | | | | K9.5 - L | | | 3.0 |
| FMA31.75 - 45 | 31.75 | 100 | 45 | 60 | | 30 | | K12.7 - S | 7 | | 2.0 |
| - 75 | | | 75 | | | | | K12.7 - S | | | 3.2 |
| FMA38.1 - 60 | 38.1 | 125 | 60 | 80 | | 34 | | K15.85 - S | 9 | 3 | 3.8 |
| GBT50 -FMA25.4 - 45 | 25.4 | 80 | 45 | 50 | - | 22 | - | K9.5 - S | 5 | 1 | 3.8 |
| - 90 | | | 90 | | 60 | | 25 | K9.5 - L | | 2 | 4.5 |
| -150 | | | 150 | | 70 | | 25 | | | | 5.5 |
| FMA31.75 - 45 | 31.75 | 100 | 45 | 60 | - | 30 | - | K12.7 - S | 7 | 1 | 4.6 |
| - 75 | | | 75 | | | | | K12.7 - L | | | 5.2 |
| -105 | | | 105 | | 70 | | 25 | | | 2 | 5.5 |
| -150 | | | 150 | | | | 25 | | | | 7.0 |
| FMA38.1 - 45 | 38.1 | 125 | 45 | 80 | - | 34 | - | K15.85 - S | 9 | 1 | 4.3 |
| - 75 | | | 75 | | | | | K15.85 - L | | | 5.0 |
| -105 | | | 105 | | | | | | | | 5.5 |
| -150 | | | 150 | | | | | | | | 8.5 |
| FMA50.8 - 45 | 50.8 | 160 | 45 | 100 | | 36 | | K19 - S | 10 | | 4.8 |
| - 75 | | | 75 | | | | | K19 - S | | | 6.8 |
| -105 | | | 105 | | | | | | | | 7.8 |
| FMA47.625 - 75 | 47.625 | 200 | 75 | 128.5 | | 38 | | K25.4 | 12.5 | 4 | 7.6 |

▶ 페이스밀아바 스페어 파트는 P75 ▶ The spare parts for FACE MILL ARBOR are refered. P75

# FACE MILL ARBOR

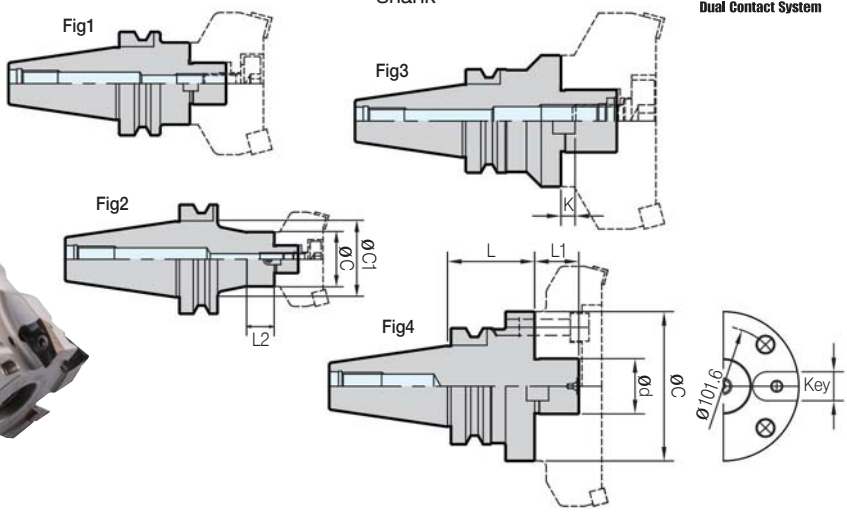


CODE No.

GBT50 | FMC22 | 105

Shank | Cutter Type | Length

SELUX
Dual Contact System

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## PRODUCT INFORMATION

- JIS B4113 face milling용 입니다.
- (S)Type은 표준길이(+38mm)
- For face-milling cutter conforming to JIS B4113.
- S type is extended by 38mm compare to standard type.

| Code No. | ød | Cutter Dia | L | øC | øC1 | L1 | L2 | Key | K | Fig | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GBT30 - FMC16 - 45 | 16 | 40 | 45 | 38 | - | 16 | - | K8-S | 5 | 1 | 1.2 |
| FMC22 - 45 | 22 | 50/63 | | 45 | | 18 | | K10-S | 5.5 | | 1.5 |
| - 90 | | | 90 | | | | | | | | 1.5 |
| FMC27 - 45 | 27 | 63/80 | 45 | 60 | | 20 | | K12-S | 6 | 3 | 1.5 |
| FMC32 - 45 | 32 | 100 | | 80 | | 22 | | K14-S | 7 | | 2.0 |
| GBT40 - FMC16 - 45 | 16 | 40 | 45 | 38 | - | 16 | - | K8-S | 5 | 1 | 1.7 |
| FMC22 - 45 | 22 | 50/63 | | 45 | | 18 | | K10-S | 5.5 | | 2.0 |
| - 90 | | | 90 | | | | | K10-L | | | 2.2 |
| FMC25.4 - 60 | 25.4 | 63/80 | 60 | 70 | | 20 | | K9.5-S | 6 | 3 | 2.5 |
| - 90 | | | 90 | | | | | | | | 2.7 |
| FMC27 - 60 | 27 | | 60 | 60 | | | | K12-S | | 1 | 2.5 |
| - 90 | | | 90 | | | | | K12-L | | | 3.4 |
| FMC32 - 60 | 32 | 100 | 60 | 80 | | 22 | | K14-S | 7 | 3 | 3.4 |
| - 90 | | | 90 | | | | | K14-L | | | 3.8 |
| FMC38.1 - 60 | 38.1 | | 60 | 85 | | | | K15.85-S | | | 4.7 |
| - 90 | | | 90 | | | | | K15.85-L | | | 5.0 |
| FMC40 - 60 | 40 | 125/160 | 60 | 90 | | 26 | | K15.85-S | 8 | 4 | 5.2 |
| GBT50 - FMC16 - 60 | 16 | 40 | 60 | 38 | - | 16 | - | K8-S | 5.0 | 1 | 3.2 |
| FMC22 - 60 | 22 | 50/63 | | 45 | | 18 | | K10-S | 5.5 | | 3.6 |
| - 105 | | | 105 | | | | | K10-L | | | 5.5 |
| - 150(50) | | | 150 | | 48 | | 25 | | | 2 | 7.3 |
| - 150(63) | | | | 58 | 63 | | | | | | 7.3 |
| FMC25.4 - 45 | 25.4 | 63/80 | 45 | 70 | - | 20 | - | K9.5-S | 6 | 1 | 4.1 |
| - 90 | | | 90 | | | | | K9.5-L | | | 6.0 |
| - 150 | | | 150 | | | | | | | | 7.9 |
| FMC27 - 45 | 27 | | 45 | 60 | | | | K12-S | | | 5.0 |
| - 90 | | | 90 | | | | | K12-L | | | 6.0 |
| - 150(63) | | | 150 | | | | | | | | 7.5 |
| - 150(80) | | | | 68 | | | | | | | 7.5 |
| FMC32 - 45 | 32 | 100 | 45 | 80 | | 22 | | K14-S | 7 | | 5.0 |
| - 75 | | | 75 | | | | | K14-L | | | 6.0 |
| - 105 | | | 105 | | | | | | | | 6.8 |
| - 150 | | | 150 | | | | | | | | 9.8 |
| FMC38.1 - 45 | 38.1 | | 45 | 85 | | | | K15.85-S | | | 5.8 |
| - 75 | | | 75 | | | | | K15.85-L | | | 6.0 |
| - 105 | | | 105 | | | | | | | | 7.0 |
| FMC40 - 45 | 40 | 125/160 | 45 | 90 | | 26 | | K15.85-S | 8 | 4 | 6.2 |
| - 75 | | | 75 | | | | | K15.85-L | | | 6.8 |

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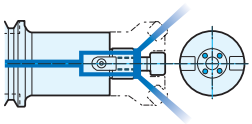
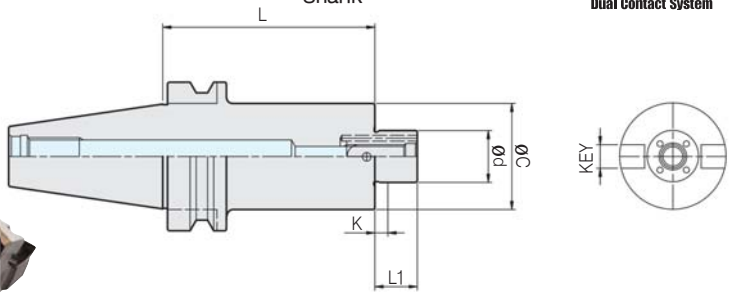


CODE No.

GBT50 (Shank) FMH22 (Cutter Type) 105 (Length)

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## PRODUCT INFORMATION

- 쿨런트 컷터 전용
- 컷터 가공성 향상 및 공구사용시간 증가
- Only use coolant cutter.
- Improve tool life and cutting operation.

| Code No. | ød | øC | L | L1 | K | KEY | Weight (kg) |
|---|---|---|---|---|---|---|---|
| GBT30 - FMH16 - 45 | 16 | 38 | 45 | 16 | 5 | K8-S | 1.2 |
| FMH22 - 45 | 22 | 45 | | 18 | 5.5 | K10-S | 1.5 |
| - 90 | | | 90 | | | | 1.5 |
| FMH27 - 45 | 27 | 60 | 45 | 20 | 6 | K12-S | 1.5 |
| GBT40 - FMH16 - 45 | 16 | 38 | 45 | 16 | 5 | K8-S | 1.7 |
| FMH22 - 45 | 22 | 45 | | 18 | 5.5 | K10-S | 2.0 |
| - 90 | | | 90 | | | K10-L | 2.0 |
| FMH27 - 60 | 27 | 60 | 60 | 20 | 6 | K12-S | 2.5 |
| - 90 | | | 90 | | | K12-L | 3.4 |
| FMH32 - 60 | 32 | 80 | 60 | 22 | 7 | K14-S | 3.4 |
| FMH25.4 - 60 | 25.4 | 70 | | 20 | 6 | K9.5-S | 2.5 |
| - 90 | | | 90 | | | | 2.7 |
| FMH31.75 - 60 | 31.75 | 76 | 60 | 30 | 7 | K12.7-S | 2.7 |
| - 90 | | | 90 | | | | 3.2 |
| FMH38.1 - 60 | 38.1 | 85 | 60 | 34 | 9 | K15.85-S | 4.7 |
| - 90 | | | 90 | | | K15.85-L | 5.0 |
| GBT50 - FMH22 - 60 | 22 | 45 | 60 | 18 | 5.5 | K10-S | 3.6 |
| - 105 | | | 105 | | | K10-L | 5.5 |
| - 150 | | | 150 | | | | 7.3 |
| FMH27 - 90 | 27 | 60 | 90 | 20 | 6 | K12-L | 6.0 |
| - 150 | | | 150 | | | | 7.5 |
| FMH32 - 90 | 32 | 80 | 90 | 22 | 7 | K14-L | 6.5 |
| - 150 | | | 150 | | | | 9.0 |
| FMH25.4 - 90 | 25.4 | 70 | 90 | 20 | 6 | K9.5-L | 6.0 |
| - 150 | | | 150 | | | | 7.9 |
| FMH31.75 - 90 | 31.75 | 76 | 90 | 30 | 7 | K12.7-L | 6.5 |
| - 150 | | | 150 | | | | 8.2 |
| FMH38.1 - 90 | 38.1 | 85 | 90 | 34 | 9 | K15.85-L | 7.0 |
| - 150 | | | 150 | | | | 9.0 |

▶FMH 클램프볼트및 부품은 일반 FMA, FMC 아바와 호환합니다.
▶페이스밀아바 스페어 파트는 P75

▶ FMH clamp bolt and other parts is compatiblle with FACE MILL ARBOR FMA, FMC.
▶ The spare parts for FACE MILL ARBOR are refered. P75