



# INTERCHANEABLE Grooving Holders

# INTERCHANEABLE Grooving Holders



## ■ AFQCR

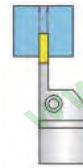


Outer diameter groove cutter



| Type        | Specification |    |     | Blade | Shim | Screw          | Wrench | Parts     |
|-------------|---------------|----|-----|-------|------|----------------|--------|-----------|
|             | B             | H  | L   |       |      |                |        |           |
| AFQCR/L1616 | 16            | 16 | 80  | /     | /    | M5X16<br>M6X16 | T15 L5 | PC10-G1/8 |
| AFQCR/L2020 | 20            | 20 | 90  |       |      |                |        |           |
| AFQCR/L2525 | 25            | 25 | 115 |       |      |                |        |           |
| AFQCR/L3232 | 32            | 32 | 135 |       |      |                |        |           |

## ■ AFQCR-B



Outer diameter groove cutter



| Type         | Specification |    |     | Blade | Shim | Screw          | Wrench | Parts     |
|--------------|---------------|----|-----|-------|------|----------------|--------|-----------|
|              | B             | H  | L   |       |      |                |        |           |
| AFQCR/L1616B | 16            | 16 | 90  | /     | /    | M5X16<br>M6X16 | T15 L5 | PC10-G1/8 |
| AFQCR/L2020B | 20            | 20 | 110 |       |      |                |        |           |
| AFQCR/L2525B | 25            | 25 | 115 |       |      |                |        |           |
| AFQCR/L3232B | 32            | 32 | 130 |       |      |                |        |           |

# INTERCHANEABLE GROOVING HOLDERS

## Cartridges



Outer diameter groove cutter

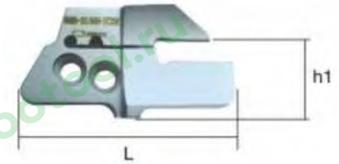


| Type           | Specification |     |    |    |    |    |      | Blade | Screw | Wrench | Parts |    |
|----------------|---------------|-----|----|----|----|----|------|-------|-------|--------|-------|----|
|                | w             | b   | h  | L  | h1 | f  | Tmax |       |       |        |       |    |
| MGMN-1.5T5R/L  | 1.5           |     |    | 43 |    |    |      | 5     |       |        |       |    |
| MGMN-1.5T10R/L |               |     |    |    |    |    |      | 10    |       |        |       |    |
| MGMN-1.5T15R/L |               |     |    |    |    |    |      | 15    |       |        |       |    |
| MGMN-2T5R/L    | 2             |     |    | 43 |    |    |      | 5     |       |        |       |    |
| MGMN-2T10R/L   |               |     |    |    |    |    |      | 10    |       |        |       |    |
| MGMN-2T15R/L   |               |     |    |    |    |    |      | 15    |       |        |       |    |
| MGMN-2T20R/L   |               |     |    |    |    |    |      | 20    |       |        |       |    |
| MGMN-2T25R/L   | 2.5           |     | 35 | 43 |    |    |      | 25    |       |        |       |    |
| MGMN-2.5T5R/L  |               |     |    |    |    |    |      | 5     |       |        |       |    |
| MGMN-2.5T10R/L |               |     |    |    |    |    |      | 10    |       |        |       |    |
| MGMN-2.5T15R/L |               |     |    |    |    |    |      | 15    |       |        |       |    |
| MGMN-2.5T20R/L |               |     |    |    |    |    |      | 20    |       |        |       |    |
| MGMN-2.5T25R/L | 25            |     |    |    |    |    |      |       |       |        |       |    |
| MGMN-2.5T30R/L | 3             | 7.8 |    | 43 |    | 25 | 7.95 |       |       |        |       |    |
| MGMN-3T5R/L    |               |     |    |    |    |    |      |       |       |        |       | 5  |
| MGMN-3T10R/L   |               |     |    |    |    |    |      |       |       |        |       | 10 |
| MGMN-3T15R/L   |               |     |    |    |    |    |      |       |       |        |       | 15 |
| MGMN-3T20R/L   |               |     |    |    |    |    |      |       |       |        |       | 20 |
| MGMN-3T25R/L   |               |     |    |    |    |    |      |       |       |        |       | 25 |
| MGMN-3T30R/L   |               |     |    |    |    |    |      |       |       |        |       | 30 |
| MGMN-3T35R/L   |               |     |    |    |    |    |      |       |       |        |       | 35 |
| MGMN-3T40R/L   | 40            |     |    |    |    |    |      |       |       |        |       |    |
| MGMN-3T45R/L   | 45            |     |    |    |    |    |      |       |       |        |       |    |
| MGMN-4T5R/L    | 4             |     |    | 43 |    |    |      |       |       |        |       |    |
| MGMN-4T10R/L   |               |     |    |    |    |    |      |       |       |        |       | 10 |
| MGMN-4T15R/L   |               |     |    |    |    |    |      |       |       |        |       | 15 |
| MGMN-4T20R/L   |               |     |    |    |    |    |      |       |       |        |       | 20 |
| MGMN-4T25R/L   |               |     |    |    |    |    |      |       |       |        |       | 25 |
| MGMN-4T30R/L   |               |     |    |    |    |    |      |       |       |        |       | 20 |
| MGMN-4T35R/L   |               |     |    |    |    |    |      |       |       |        |       | 35 |
| MGMN-4T40R/L   | 40            |     |    |    |    |    |      |       |       |        |       |    |
| MGMN-4T45R/L   | 45            |     |    |    |    |    |      |       |       |        |       |    |
| MGMN-5T25R/L   | 5             |     |    | 40 |    |    |      |       |       |        |       |    |
| MGMN-5T30R/L   |               |     |    |    |    |    |      |       |       |        |       | 25 |
| MGMN-5T35R/L   |               |     |    |    |    |    |      |       |       |        |       | 30 |
| MGMN-5T40R/L   |               |     |    |    |    |    |      |       |       |        |       | 35 |
| MGMN-5T45R/L   | 40            |     |    |    |    |    |      |       |       |        |       |    |
| MGMN-6T40R/L   | 6             |     |    | 40 |    |    |      |       |       |        |       |    |
| MGMN-6T45R/L   |               |     |    |    |    |    |      |       |       |        |       | 45 |

## Cartridges



Outer diameter groove cutter



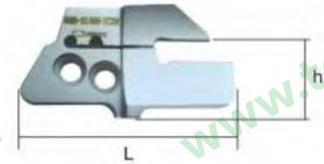
| Type                   | Specification |     |    |    |    |      |     | Blade | Screw | Wrench  | Parts |    |     |     |    |  |  |    |    |    |         |  |
|------------------------|---------------|-----|----|----|----|------|-----|-------|-------|---------|-------|----|-----|-----|----|--|--|----|----|----|---------|--|
|                        | w             | b   | h  | L  | h1 | f    | Min |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN20-36H-2T10R/L     | 2             | 30  | 43 |    |    |      | 20  | 36    | 10    | MGMN200 |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN30-50H-2T10R/L     |               |     |    |    |    |      | 30  | 50    | 10    |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN30-50H-2T15R/L     |               |     |    |    |    |      | 48  | 15    |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN40-60H-2T10R/L     |               |     |    |    |    |      | 43  | 40    | 60    |         |       | 10 |     |     |    |  |  |    |    |    |         |  |
| MGMN40-60H-2T15R/L     |               |     |    |    |    |      | 48  | 15    |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN50-80H-2T10R/L     |               |     |    |    |    |      | 43  | 50    | 80    |         |       | 10 |     |     |    |  |  |    |    |    |         |  |
| MGMN50-80H-2T15R/L     |               |     |    |    |    |      | 48  |       |       |         |       | 15 |     |     |    |  |  |    |    |    |         |  |
| MGMN70-120H-2T10R/L    |               |     |    |    |    |      | 43  | 70    | 120   |         |       | 10 |     |     |    |  |  |    |    |    |         |  |
| MGMN70-120H-2T15R/L    |               |     |    |    |    |      | 48  |       |       |         |       | 15 |     |     |    |  |  |    |    |    |         |  |
| MGMN100-220H-2T10R/L   |               |     |    |    |    |      | 43  | 100   | 220   |         |       | 10 |     |     |    |  |  |    |    |    |         |  |
| MGMN100-220H-2T15R/L   |               |     |    |    |    |      | 48  |       |       |         |       | 15 |     |     |    |  |  |    |    |    |         |  |
| MGMN100-220H-2T20R/L   |               |     |    |    |    |      | 51  | 20    |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN200-800H-2T10R/L   |               |     |    |    |    |      | 43  | 200   | 800   |         |       | 10 |     |     |    |  |  |    |    |    |         |  |
| MGMN200-800H-2T15R/L   |               |     |    |    |    |      | 48  |       |       |         |       | 15 |     |     |    |  |  |    |    |    |         |  |
| MGMN200-800H-2T20R/L   | 51            | 20  |    |    |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN20-36H-2.5T10R/L   | 2.5           | 7.8 | 43 |    | 20 | 7.95 | 20  | 36    | 10    | MGMN250 | /     |    |     |     |    |  |  |    |    |    |         |  |
| MGMN20-36H-2.5T15R/L   |               |     |    |    |    |      |     |       |       |         |       | 48 | 15  |     |    |  |  |    |    |    |         |  |
| MGMN30-50H-2.5T10R/L   |               |     |    |    |    |      |     |       |       |         |       | 43 | 30  | 50  | 10 |  |  |    |    |    |         |  |
| MGMN30-50H-2.5T15R/L   |               |     |    |    |    |      |     |       |       |         |       | 48 |     |     | 15 |  |  |    |    |    |         |  |
| MGMN30-50H-2.5T20R/L   |               |     |    |    |    |      |     |       |       |         |       | 51 | 30  | 50  | 15 |  |  |    |    |    |         |  |
| MGMN40-60H-2.5T10R/L   |               |     |    |    |    |      |     |       |       |         |       | 43 | 40  | 60  | 35 |  |  |    |    |    |         |  |
| MGMN40-60H-2.5T15R/L   |               |     |    |    |    |      |     |       |       |         |       | 48 |     |     | 40 |  |  |    |    |    |         |  |
| MGMN40-60H-2.5T20R/L   |               |     |    |    |    |      |     |       |       |         |       | 51 | 45  |     |    |  |  |    |    |    |         |  |
| MGMN50-80H-2.5T10R/L   |               |     |    |    |    |      |     |       |       |         |       | 43 | 50  | 80  | 5  |  |  |    |    |    |         |  |
| MGMN50-80H-2.5T15R/L   |               |     |    |    |    |      |     |       |       |         |       | 48 |     |     | 10 |  |  |    |    |    |         |  |
| MGMN50-80H-2.5T20R/L   |               |     |    |    |    |      |     |       |       |         |       | 51 | 15  |     |    |  |  |    |    |    |         |  |
| MGMN50-80H-2.5T25R/L   |               |     |    |    |    |      |     |       |       |         |       | 56 | 20  |     |    |  |  |    |    |    |         |  |
| MGMN70-120H-2.5T10R/L  |               |     |    |    |    |      |     |       |       |         |       | 43 | 70  | 120 | 25 |  |  |    |    |    |         |  |
| MGMN70-120H-2.5T15R/L  |               |     |    |    |    |      |     |       |       |         |       | 48 |     |     | 20 |  |  |    |    |    |         |  |
| MGMN70-120H-2.5T20R/L  |               |     |    |    |    |      |     |       |       |         |       | 51 | 20  |     |    |  |  |    |    |    |         |  |
| MGMN70-120H-2.5T25R/L  |               |     |    |    |    |      |     |       |       |         |       | 56 | 25  |     |    |  |  |    |    |    |         |  |
| MGMN100-220H-2.5T10R/L |               |     |    |    |    |      |     |       |       |         |       | 43 | 100 | 220 | 10 |  |  |    |    |    |         |  |
| MGMN100-220H-2.5T15R/L |               |     |    |    |    |      |     |       |       |         |       | 48 |     |     | 15 |  |  |    |    |    |         |  |
| MGMN100-220H-2.5T20R/L |               |     |    |    |    |      |     |       |       |         |       | 51 | 20  |     |    |  |  |    |    |    |         |  |
| MGMN100-220H-2.5T25R/L |               |     |    |    |    |      |     |       |       |         |       | 56 | 25  |     |    |  |  |    |    |    |         |  |
| MGMN100-220H-2.5T30R/L |               |     |    |    |    |      |     |       |       |         |       | 61 | 30  |     |    |  |  |    |    |    |         |  |
| MGMN200-800H-2.5T10R/L |               |     |    |    |    |      |     |       |       |         |       | 43 | 200 | 800 | 10 |  |  |    |    |    |         |  |
| MGMN200-800H-2.5T15R/L |               |     |    |    |    |      |     |       |       |         |       | 48 |     |     | 15 |  |  |    |    |    |         |  |
| MGMN200-800H-2.5T20R/L |               |     |    |    |    |      |     |       |       |         |       | 51 | 20  |     |    |  |  |    |    |    |         |  |
| MGMN200-800H-2.5T25R/L |               |     |    |    |    |      |     |       |       |         |       | 56 | 25  |     |    |  |  |    |    |    |         |  |
| MGMN200-800H-2.5T30R/L |               |     |    |    |    |      |     |       |       |         |       | 61 | 30  |     |    |  |  |    |    |    |         |  |
| MGMN20-36H-3T10R/L     |               |     |    |    |    |      |     |       |       |         |       | 2  | 30  | 48  |    |  |  | 20 | 36 | 10 | MGMN300 |  |
| MGMN20-36H-3T15R/L     |               |     |    |    |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN20-36H-3T20R/L     | 51            | 20  |    |    |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN30-50H-3T10R/L     | 48            | 30  | 50 | 10 |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN30-50H-3T15R/L     | 48            |     |    | 15 |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN30-50H-3T20R/L     | 51            | 20  |    |    |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN30-50H-3T25R/L     | 56            | 25  |    |    |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN40-60H-3T10R/L     | 48            | 40  | 60 | 10 |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN40-60H-3T15R/L     | 48            |     |    | 15 |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN40-60H-3T20R/L     | 51            | 20  |    |    |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |
| MGMN40-60H-3T25R/L     | 56            | 25  |    |    |    |      |     |       |       |         |       |    |     |     |    |  |  |    |    |    |         |  |

# INTERCHANEABLE GROOVING HOLDERS

## Cartridges



Outer diameter groove cutter

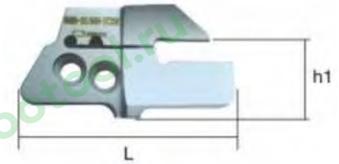


| Type                 | Specification |     |    |    |    |    |      | Blade | Screw | Wrench  | Parts   |
|----------------------|---------------|-----|----|----|----|----|------|-------|-------|---------|---------|
|                      | w             | b   | h  | L  | h1 | f  | Min  |       |       |         |         |
| MGMN40-60H-3T30R/L   | 3             | 30  | 61 | 48 | 40 | 60 | 30   | 30    | 10    | MGMN300 | /       |
| MGMN50-80H-3T10R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-3T15R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-3T20R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-3T25R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-3T30R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-3T10R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-3T15R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-3T20R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-3T25R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-3T30R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-3T35R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-3T10R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-3T15R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-3T20R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-3T25R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-3T30R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-3T35R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN200-800H-3T10R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN200-800H-3T15R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN200-800H-3T20R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN200-800H-3T25R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN200-800H-3T30R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN200-800H-3T35R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN20-36H-4T10R/L   | 4             | 7.8 | 35 | 66 | 48 | 20 | 7.95 | 20    | 36    | 10      | MGMN400 |
| MGMN20-36H-4T15R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN20-36H-4T20R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN20-36H-4T25R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN30-50H-4T10R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN30-50H-4T15R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN30-50H-4T20R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN30-50H-4T25R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN40-60H-4T10R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN40-60H-4T15R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN40-60H-4T20R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN40-60H-4T25R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN40-60H-4T30R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-4T10R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-4T15R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-4T20R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-4T25R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-4T30R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN50-80H-4T35R/L   |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-4T10R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-4T15R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-4T20R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-4T25R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-4T30R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN70-120H-4T35R/L  |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-4T10R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-4T15R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-4T20R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-4T25R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-4T30R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-4T35R/L |               |     |    |    |    |    |      |       |       |         |         |
| MGMN100-220H-4T40R/L |               |     |    |    |    |    |      |       |       |         |         |

## Cartridges



Outer diameter groove cutter

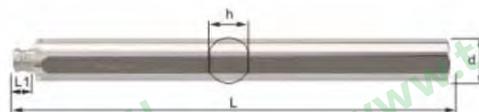


| Type                  | Specification |    |     |    |     |      |     | Blade   | Screw | Wrench  | Parts |    |     |     |    |
|-----------------------|---------------|----|-----|----|-----|------|-----|---------|-------|---------|-------|----|-----|-----|----|
|                       | w             | b  | h   | L  | h1  | f    | Min |         |       |         |       |    |     |     |    |
| MGMN100-220H-4T25R/L  | 4             |    | 30  | 56 | 20  | 7.95 | 100 | 200     | 25    | MGMN400 |       |    |     |     |    |
| MGMN100-220H-4T30R/L  |               |    |     | 61 |     |      |     |         | 30    |         |       |    |     |     |    |
| MGMN 100-220H-4T35R/L |               |    | 40  | 66 |     |      |     |         | 35    |         |       |    |     |     |    |
| MGMN100-220H-4T40R/L  |               |    |     | 71 |     |      |     |         | 40    |         |       |    |     |     |    |
| MGMN200-800H-4T10R/L  |               |    | 30  |    |     |      |     |         | 48    |         |       | 10 | 200 | 800 | 10 |
| MGMN200-800H-4T15R/L  |               |    |     |    |     |      |     |         |       |         |       | 15 |     |     |    |
| MGMN200-800H-4T20R/L  |               |    |     |    |     |      |     |         | 50    |         |       | 20 |     |     | 25 |
| MGMN200-800H-4T25R/L  |               |    |     |    |     |      |     |         |       |         |       | 25 |     |     |    |
| MGMN200-800H-4T30R/L  |               |    |     |    |     |      |     |         | 60    |         |       | 30 |     |     | 30 |
| MGMN200-800H-4T35R/L  |               |    |     |    |     |      |     |         |       |         |       | 35 |     |     |    |
| MGMN200-800H-4T40R/L  | 40            | 40 |     |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN20-36H-5T10R/L    | 7.8           |    |     |    | 30  | 10   | 20  | 36      | 10    |         |       |    |     |     |    |
| MGMN20-36H-5T15R/L    |               |    |     |    |     | 15   |     |         |       |         |       |    |     |     |    |
| MGMN20-36H-5T20R/L    |               |    |     |    |     | 20   |     |         |       |         |       |    |     |     |    |
| MGMN20-36H-5T25R/L    |               |    | 25  |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN30-50H-5T10R/L    |               |    | 50  | 10 |     | 15   |     |         |       |         |       |    |     |     |    |
| MGMN30-50H-5T15R/L    |               |    |     | 15 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN30-50H-5T20R/L    |               |    | 60  | 20 |     | 20   |     |         |       |         |       |    |     |     |    |
| MGMN30-50H-5T25R/L    |               |    |     | 25 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN40-60H-5T10R/L    |               |    | 70  | 10 |     | 10   |     |         |       |         |       |    |     |     |    |
| MGMN40-60H-5T15R/L    |               |    |     | 15 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN40-60H-5T20R/L    | 80            | 20 | 20  |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN40-60H-5T25R/L    |               | 25 |     |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN40-60H-5T30R/L    | 90            | 30 | 30  |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN40-60H-5T35R/L    |               | 35 |     |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN50-80H-5T10R/L    | 5.0           |    | 56  | 10 | 20  | 80   | 10  | MGMN500 |       |         |       |    |     |     |    |
| MGMN50-80H-5T15R/L    |               |    |     | 15 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN50-80H-5T20R/L    |               |    | 60  | 20 |     |      | 20  |         |       |         |       |    |     |     |    |
| MGMN50-80H-5T25R/L    |               |    |     | 25 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN50-80H-5T30R/L    |               |    | 70  | 30 |     |      | 30  |         |       |         |       |    |     |     |    |
| MGMN50-80H-5T35R/L    |               |    |     | 35 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN70-120H-5T10R/L   |               |    | 100 | 10 |     |      | 15  |         |       |         |       |    |     |     |    |
| MGMN70-120H-5T15R/L   |               |    |     | 15 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN70-120H-5T20R/L   |               |    | 120 | 20 |     |      | 20  |         |       |         |       |    |     |     |    |
| MGMN70-120H-5T25R/L   |               |    |     | 25 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN70-120H-5T30R/L   | 140           | 30 | 30  |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN70-120H-5T35R/L   |               | 35 |     |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN 100-220H-5T10R/L | 30            |    | 56  | 10 | 200 | 800  | 10  |         |       |         |       |    |     |     |    |
| MGMN 100-220H-5T15R/L |               |    |     | 15 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN 100-220H-5T20R/L |               |    | 60  | 20 |     |      | 20  |         |       |         |       |    |     |     |    |
| MGMN100-220H-5T25R/L  |               |    |     | 25 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN100-220H-5T30R/L  |               |    | 70  | 30 |     |      | 30  |         |       |         |       |    |     |     |    |
| MGMN 100-220H-5T35R/L |               |    |     | 35 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN 100-220H-5T40R/L |               |    | 40  | 40 |     |      |     |         |       |         |       |    |     |     |    |
| MGMN200-800H-5T10R/L  |               |    | 30  | 56 |     |      | 10  | 15      |       |         |       |    |     |     |    |
| MGMN200-800H-5T15R/L  |               |    |     |    |     |      | 15  |         |       |         |       |    |     |     |    |
| MGMN200-800H-5T20R/L  |               |    | 60  | 20 |     |      | 20  |         |       |         |       |    |     |     |    |
| MGMN200-800H-5T25R/L  | 25            |    |     |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN200-800H-5T30R/L  | 70            | 30 | 30  |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN200-800H-5T35R/L  |               | 35 |     |    |     |      |     |         |       |         |       |    |     |     |    |
| MGMN200-800H-5T40R/L  | 40            | 40 |     |    |     |      |     |         |       |         |       |    |     |     |    |

The cartridges for other brands grooving inserts can be booked.

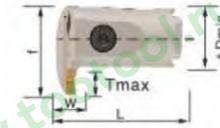
# INTERCHANEABLE GROOVING HOLDERS

## DT-M



| Type     | Specification |      |     |      | Blade | Shim | Screw | Wrench      | Parts |   |   |             |
|----------|---------------|------|-----|------|-------|------|-------|-------------|-------|---|---|-------------|
|          | d             | L1   | L   | h    |       |      |       |             |       |   |   |             |
| D08K-M   | 08            | 5.5  | 110 | 7    | /     | /    | /     | /           |       |   |   |             |
| D10K-M   | 10            | 6    | 110 | 9    |       |      |       |             |       |   |   |             |
| D12M-M   | 12            | 7.5  | 132 | 11   |       |      |       |             |       |   |   |             |
| D16Q-M   | 16            | 8.5  | 160 | 14.8 |       |      |       |             |       |   |   |             |
| D20R-M   | 20            | 9.5  | 178 | 18.4 |       |      |       |             |       |   |   |             |
| D25S-M   | 25            | 11.5 | 221 | 23.4 |       |      |       |             |       |   |   |             |
| D32T-M   | 32            | 14.5 | 264 | 30   |       |      |       |             |       |   |   |             |
| D40U-M   | 40            | 14.5 | 320 | 38.2 |       |      |       |             |       |   |   |             |
| D50V-M   | 50            | 14.5 | 370 | 47.6 |       |      |       |             |       |   |   |             |
| D60W-M   | 60            | 14.5 | 420 | 57.6 |       |      |       |             |       |   |   |             |
| A-D08K-M | 08            | 5.5  | 110 | 7    |       |      |       |             | /     | / | / | PC06-M5X0.8 |
| A-D10K-M | 10            | 6    | 110 | 9    |       |      |       |             |       |   |   |             |
| A-D12M-M | 12            | 7.5  | 132 | 11   |       |      |       |             |       |   |   |             |
| A-D16Q-M | 16            | 8.5  | 160 | 14.8 |       |      |       |             |       |   |   |             |
| A-D20R-M | 20            | 9.5  | 178 | 18.4 |       |      |       |             |       |   |   |             |
| A-D25S-M | 25            | 11.5 | 221 | 23.4 |       |      |       |             |       |   |   |             |
| A-D32T-M | 32            | 14.5 | 264 | 30   |       |      |       |             |       |   |   |             |
| A-D40U-M | 40            | 14.5 | 320 | 38.2 |       |      |       |             |       |   |   |             |
|          |               |      |     |      |       |      |       | PC08-M6X1.0 |       |   |   |             |
|          |               |      |     |      |       |      |       | PC10-G1/8   |       |   |   |             |

## Cartridges

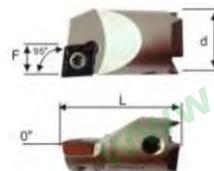
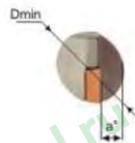
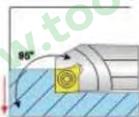


| Type            | Specification |    |      |    |      | Blade   | Screw | Wrench |
|-----------------|---------------|----|------|----|------|---------|-------|--------|
|                 | w             | d  | f    | L  | Tmax |         |       |        |
| MGMN2416R/L2T7  | 2             | 16 | 23.5 | 30 | 7    | MGMN200 | M4X13 | L3     |
| MGMN2720R/L2T6  |               | 20 | 26.5 | 38 | 6    |         | M5X12 | L4     |
| MGMN3225R/L2T6  |               | 25 | 31.5 | 41 | 6    |         | M5X16 | L4     |
| MGMN4032R/L2T7  |               | 30 | 39.5 | 48 | 7    |         | M6X20 | L5     |
| MGMN3120R/L2T10 |               | 20 | 30.5 | 38 | 10   |         | M5X12 | L4     |
| MGMN3620R/L2T15 |               | 20 | 35.5 | 38 | 15   |         | M5X12 | L4     |
| MGMN3625R/L2T10 |               | 25 | 35.5 | 41 | 10   |         | M5X16 | L4     |
| MGMN4125R/L2T15 |               | 25 | 40.5 | 41 | 15   |         | M5X16 | L4     |
| MGMN4332R/L2T10 |               | 32 | 42.5 | 48 | 10   |         | M6X20 | L5     |
| MGMN4832R/L2T15 |               | 32 | 47.5 | 48 | 15   |         | M6X20 | L5     |
| MGMN2416R/L3T7  | 3             | 16 | 23.5 | 30 | 7    | MGMN300 | M4X13 | L3     |
| MGMN2720R/L3T6  |               | 20 | 26.5 | 38 | 6    |         | M5X12 | L4     |
| MGMN3225R/L3T6  |               | 25 | 31.5 | 41 | 6    |         | M5X16 | L4     |
| MGMN4032R/L3T7  |               | 32 | 39.5 | 48 | 7    |         | M6X20 | L5     |
| MGMN3120R/L3T10 |               | 20 | 30.5 | 38 | 10   |         | M5X12 | L4     |
| MGMN3620R/L3T15 |               | 20 | 35.5 | 38 | 15   |         | M5X12 | L4     |
| MGMN3625R/L3T10 |               | 25 | 35.5 | 41 | 10   |         | M5X16 | L4     |
| MGMN4125R/L3T15 |               | 25 | 40.5 | 41 | 15   |         | M5X16 | L4     |
| MGMN4332R/L3T10 |               | 32 | 42.5 | 48 | 10   |         | M6X20 | L5     |
| MGMN4832R/L3T15 |               | 32 | 47.5 | 48 | 15   |         | M6X20 | L5     |
| MGMN2416R/L4T7  | 4             | 16 | 23.5 | 30 | 7    | MGMN400 | M4X13 | L3     |
| MGMN2720R/L4T6  |               | 20 | 26.5 | 38 | 6    |         | M5X12 | L4     |
| MGMN3225R/L4T6  |               | 25 | 31.5 | 41 | 6    |         | M5X16 | L4     |
| MGMN4032R/L4T7  |               | 32 | 39.5 | 48 | 7    |         | M6X20 | L5     |
| MGMN3120R/L4T10 |               | 20 | 29.5 | 38 | 10   |         | M5X12 | L4     |
| MGMN3620R/L4T15 |               | 20 | 35.5 | 38 | 15   |         | M5X12 | L4     |
| MGMN3625R/L4T10 |               | 25 | 35.5 | 41 | 10   |         | M5X16 | L4     |
| MGMN4125R/L4T15 |               | 25 | 40.5 | 41 | 15   |         | M5X16 | L4     |
| MGMN4332R/L4T10 |               | 32 | 42.5 | 48 | 10   |         | M6X20 | L5     |
| MGMN4832R/L4T15 |               | 25 | 47.5 | 48 | 15   |         | M6X20 | L5     |
| MGMN3225R/L5T6  | 5             | 25 | 31.5 | 41 | 6    | MGMN500 | M5X16 | L4     |
| MGMN4032R/L5T7  |               | 32 | 39.5 | 48 | 7    |         | M6X20 | L5     |
| MGMN3625R/L5T10 |               | 25 | 35.5 | 41 | 10   |         | M5X16 | L4     |
| MGMN4332R/L5T15 |               | 32 | 42.5 | 48 | 15   |         | M6X20 | L5     |
| MGMN4832R/L5T15 |               | 32 | 47.5 | 41 | 15   |         | M6X20 | L5     |

The cartridges for other brands grooving inserts can be booked.

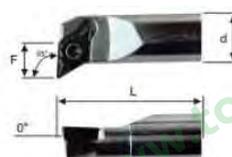
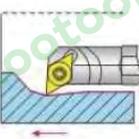
# INTERCHANEABLE GROOVING HOLDERS

## DT-SCLCR/L



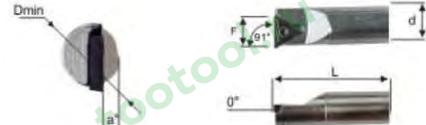
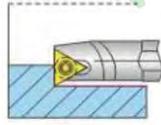
| Type             | Specification |    |      |      |     | Blade      | Screw  | Wrench | Parts |             |
|------------------|---------------|----|------|------|-----|------------|--------|--------|-------|-------------|
|                  | Dmin          | d  | L    | f    | α   |            |        |        |       |             |
| DT08-SCLCR/L06   | 10            | 08 | 18.5 | 4.5  | 13° | CC ** 0602 | M2.5X6 | T8     | /     |             |
| DT10-SCLCR/L06   | 12            | 10 | 21.5 | 6    | 12° |            |        |        |       |             |
| DT12-SCLCR/L06   | 15            | 12 | 28   | 7    | 12° |            |        |        |       |             |
| DT12-SCLCR/L09   | 16            | 12 | 28   | 7.5  | 12° | CC ** 09T3 | M4X8   | T15    |       |             |
| DT16-SCLCR/L09   | 19            | 16 | 33   | 9.5  | 10° |            |        |        |       |             |
| DT20-SCLCR/L09   | 23            | 20 | 34   | 11.5 | 8°  |            |        |        |       |             |
| DT25-SCLCR/L09   | 30            | 25 | 42   | 14   | 6°  |            |        |        |       |             |
| A-DT08-SCLCR/L06 | 10            | 08 | 18.5 | 4.5  | 13° | CC ** 0602 | M2.5X6 | T8     |       | PC06-M5X0.8 |
| A-DT10-SCLCR/L06 | 12            | 10 | 21.5 | 6    | 12° |            |        |        |       |             |
| A-DT12-SCLCR/L06 | 15            | 12 | 25   | 7    | 12° | CC ** 09T3 | M4X8   | T15    |       | PC08-M6X1.0 |
| A-DT12-SCLCR/L09 | 18            | 12 | 28   | 7.5  | 12° |            |        |        |       |             |
| A-DT16-SCLCR/L09 | 19            | 16 | 33   | 9.5  | 10° |            |        |        |       |             |
| A-DT20-SCLCR/L09 | 23            | 20 | 34   | 11.5 | 8°  |            |        |        |       |             |
| A-DT25-SCLCR/L09 | 30            | 25 | 42   | 14   | 6°  |            |        |        |       |             |

## DT-SCLCR/L



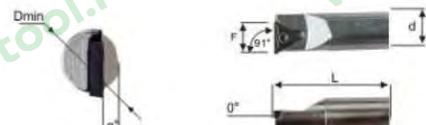
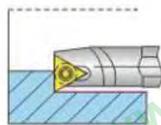
| Type             | Specification |    |      |     |     | Blade      | Screw  | Wrench | Parts |             |
|------------------|---------------|----|------|-----|-----|------------|--------|--------|-------|-------------|
|                  | Dmin          | d  | L    | f   | α   |            |        |        |       |             |
| DT08-SDUCR/L07   | 12            | 08 | 18.5 | 7.5 | 13° | DC ** 0702 | M2.5X6 | T8     | /     |             |
| DT10-SDUCR/L07   | 14            | 10 | 21.5 | 8   | 10° |            |        |        |       |             |
| DT12-SDUCR/L07   | 16            | 12 | 28   | 9   | 8°  |            |        |        |       |             |
| DT16-SDUCR/L07   | 20            | 16 | 33   | 11  | 6°  | DC ** 11T3 | M4X8   | T15    |       |             |
| DT16-SDUCR/L11   | 20            | 16 | 33   | 11  | 6°  |            |        |        |       |             |
| DT20-SDUCR/L11   | 25            | 20 | 34   | 13  | 6°  |            |        |        |       |             |
| DT25-SDUCR/L11   | 30            | 25 | 42   | 16  | 4°  |            |        |        |       |             |
| A-DT08-SDUCR/L07 | 12            | 08 | 18.5 | 7.5 | 13° | DC ** 0702 | M2.5X6 | T8     |       | PC06-M5X0.8 |
| A-DT10-SDUCR/L07 | 14            | 10 | 21.5 | 8   | 10° |            |        |        |       |             |
| A-DT12-SDUCR/L07 | 16            | 12 | 28   | 9   | 8°  | DC ** 11T3 | M4X8   | T15    |       | PC08-M6X1.0 |
| A-DT16-SDUCR/L07 | 20            | 16 | 33   | 11  | 6°  |            |        |        |       |             |
| A-DT16-SDUCR/L11 | 20            | 16 | 33   | 11  | 6°  |            |        |        |       |             |
| A-DT20-SDUCR/L11 | 25            | 20 | 34   | 13  | 6°  |            |        |        |       |             |
| A-DT25-SDUCR/L11 | 30            | 25 | 42   | 16  | 4°  |            |        |        |       |             |

## DT-STFCR/L



| Type             | Specification |    |      |     |          | Blade      | Screw  | Wrench | Parts       |
|------------------|---------------|----|------|-----|----------|------------|--------|--------|-------------|
|                  | Dmin          | d  | L    | f   | $\alpha$ |            |        |        |             |
| DT08-STFCR/L09   | 10            | 08 | 18.5 | 5.5 | 15°      | TC ** 0902 | M2.5X5 | T8     | /           |
| DT10-STFCR/L09   | 12            | 10 | 21.5 | 6   | 13°      |            |        |        |             |
| DT10-STFCR/L11   | 12            | 10 | 21.5 | 6   | 12°      | TC ** 1102 | M2.5X7 |        |             |
| DT12-STFCR/L11   | 14            | 12 | 28   | 7   | 10°      |            |        |        |             |
| DT14-STFCR/L11   | 15            | 16 | 33   | 8   | 10°      |            |        |        |             |
| DT16-STFCR/L11   | 16            | 16 | 33   | 9   | 8°       |            |        |        |             |
| A-DT08-STFCR/L09 | 10            | 08 | 18.5 | 5.5 | 15°      | TC ** 0902 | M2.5X5 | T8     | PC06-M5X08  |
| A-DT10-STFCR/L09 | 12            | 10 | 21.5 | 6   | 13°      | TC ** 1102 | M2.5X7 |        | PC08-M6X1.0 |
| A-DT10-STFCR/L11 | 12            | 10 | 21.5 | 6   | 12°      |            |        |        |             |
| A-DT12-STFCR/L11 | 14            | 12 | 28   | 7   | 10°      |            |        |        |             |
| A-DT14-STFCR/L11 | 15            | 16 | 33   | 8   | 10°      |            |        |        |             |
| A-DT16-STFCR/L11 | 16            | 16 | 33   | 9   | 8°       |            |        |        |             |

## DT-STUCR/L



| Type             | Specification |    |      |     |          | Blade      | Screw  | Wrench      | Parts |    |             |            |
|------------------|---------------|----|------|-----|----------|------------|--------|-------------|-------|----|-------------|------------|
|                  | Dmin          | d  | L    | f   | $\alpha$ |            |        |             |       |    |             |            |
| DT08-STUCR/L09   | 10            | 08 | 18.5 | 5.5 | 15°      | TC ** 0902 | M2.5X5 | T8          | /     |    |             |            |
| DT10-STUCR/L09   | 12            | 10 | 21.5 | 6   | 13°      |            |        |             |       |    |             |            |
| DT10-STUCR/L11   | 12            | 10 | 21.5 | 6   | 12°      | TC ** 1102 | M2.5X7 |             |       |    |             |            |
| DT12-STUCR/L11   | 14            | 12 | 28   | 7   | 10°      |            |        |             |       |    |             |            |
| DT14-STUCR/L11   | 15            | 14 | 33   | 8   | 10°      |            |        |             |       |    |             |            |
| DT16-STUCR/L11   | 16            | 16 | 33   | 9   | 8°       |            |        |             |       |    |             |            |
| DT10-STUPR/L11   | 12            | 10 | 21.5 | 6   | 12°      | TP ** 1103 | M3X8   | T8          | /     |    |             |            |
| DT12-STUPR/L11   | 14            | 12 | 25   | 7   | 10°      |            |        |             |       |    |             |            |
| DT14-STUPR/L11   | 15            | 14 | 33   | 8   | 10°      |            |        |             |       |    |             |            |
| DT16-STUPR/L11   | 16            | 16 | 33   | 9   | 8°       | TC ** 0902 | M2.5X5 |             |       | T8 | PC06-M5X0.8 |            |
| A-DT08-STUCR/L09 | 10            | 08 | 18.5 | 5.5 | 15°      |            |        |             |       |    |             |            |
| A-DT10-STUCR/L09 | 12            | 10 | 21.5 | 6   | 13°      |            |        |             |       |    |             | TC ** 1102 |
| A-DT10-STUCR/L11 | 12            | 10 | 21.5 | 6   | 12°      |            |        |             |       |    |             |            |
| A-DT12-STUCR/L11 | 14            | 12 | 28   | 7   | 10°      |            |        |             |       |    |             |            |
| A-DT14-STUCR/L11 | 15            | 14 | 33   | 8   | 10°      |            |        |             |       |    |             |            |
| A-DT16-STUCR/L11 | 16            | 16 | 33   | 9   | 8°       | TP ** 1103 | M3X8   | PC06-M5X0.8 |       |    |             |            |
| A-DT10-STUPR/L11 | 12            | 10 | 21.5 | 6   | 12°      |            |        |             |       |    |             |            |
| A-DT12-STUPR/L11 | 14            | 12 | 28   | 7   | 10°      |            |        |             |       |    |             |            |
| A-DT14-STUPR/L11 | 15            | 14 | 33   | 8   | 10°      |            |        |             |       |    |             |            |
| A-DT16-STUPR/L11 | 16            | 16 | 33   | 9   | 8°       |            |        |             |       |    |             |            |



---

E-mail: [info@tootool.ru](mailto:info@tootool.ru)

[www.tootool.ru](http://www.tootool.ru)