

## INDUSTRY NEWS



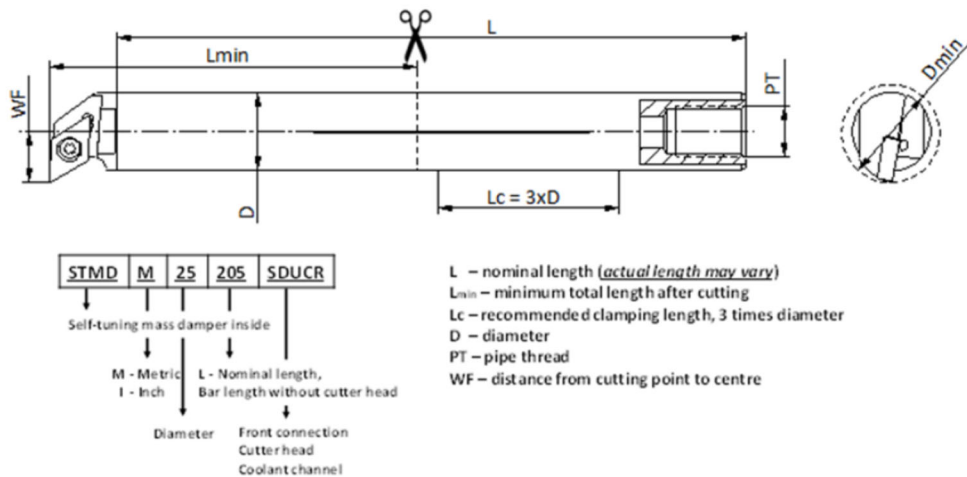
### 3-6xD Straight Holder with Fixed Head (Inch & Metric)

MAQ's self-tuning mass damper (STMD™) is included in all their anti-vibration tool holders and reduce vibration in a wide range of frequencies. This new technology greatly reduces the unpredictable and frustrating byproducts of machining: vibrations.

All MAQ vibration damped turning tools have the self-tuning mass damper technology inside!

The unique feature of the 3-6xD bars is that it works in the range were we normally work with solid Carbide bars. The solid Carbide bars are not an anti-vibration bar, they are only stiffer because of the Carbide. The MAQ 3-6xD bars are made of steel and have a damper inside meaning you can turn as fast as your insert allows and still get the best possible surface finish.

#### Straight holder (3-6xD) with fixed cutter heads (Inch)



| Standard: Inch (with fixed head SDUCR for DCMT insert) |                          |             |                                     |             |           |           |               |              |     |  |     |
|--|--------------------------|-------------|-------------------------------------|-------------|-----------|-----------|---------------|--------------|-----|--|-----|
| Part number  | Art. Nr                  | Dmin (inch) | Workable length <sup>b</sup> (inch) | Lmin (inch) | Lc (inch) | WF (inch) | Master insert | Insert screw | PT  |  | KG  |
| 300211   | STMD I ½ -4.3 SDUCR C    | 0.63        | 1.500-3.000                         | 2.8         | 1.4       | 0.35      | DCMT 070204   | IS M2.5x6.0  | G ¼ |  | 0.1 |
| 300212   | STMD I 5/8 - 5.4 SDUCR C | 0.78        | 1.875-3.750                         | 3.8         | 1.9       | 0.43      | DCMT 070204   | IS M2.5x6.0  | G ¼ |  | 0.2 |
| 300213   | STMD I ¾ - 6.3 SDUCR C   | 0.98        | 2.250-4.500                         | 4.7         | 2.4       | 0.51      | DCMT 11T304   | IS M3.5x10.0 | G ¼ |  | 0.4 |
| 300214   | STMD I 1-8.1 SDUCR C     | 1.26        | 3.000-6.000                         | 6.1         | 2.9       | 0.67      | DCMT 11T304   | IS M3.5x10.0 | G ¼ |  | 0.6 |
| 300215   | STMD I 1 ¼ -10.1 SDUCR C | 1.57        | 3.750-7.500                         | 7.6         | 3.8       | 0.86      | DCMT 11T304   | IS M3.5x10.0 | G ½ |  | 1.2 |
| 300216   | STMD I 1 ½ -12.6 SDUCR C | 1.96        | 4.500-9.000                         | 9.4         | 4.7       | 1.06      | DCMT 11T304   | IS M3.5x10.0 | G ½ |  | 2.4 |

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MAQ9 Rev 090123

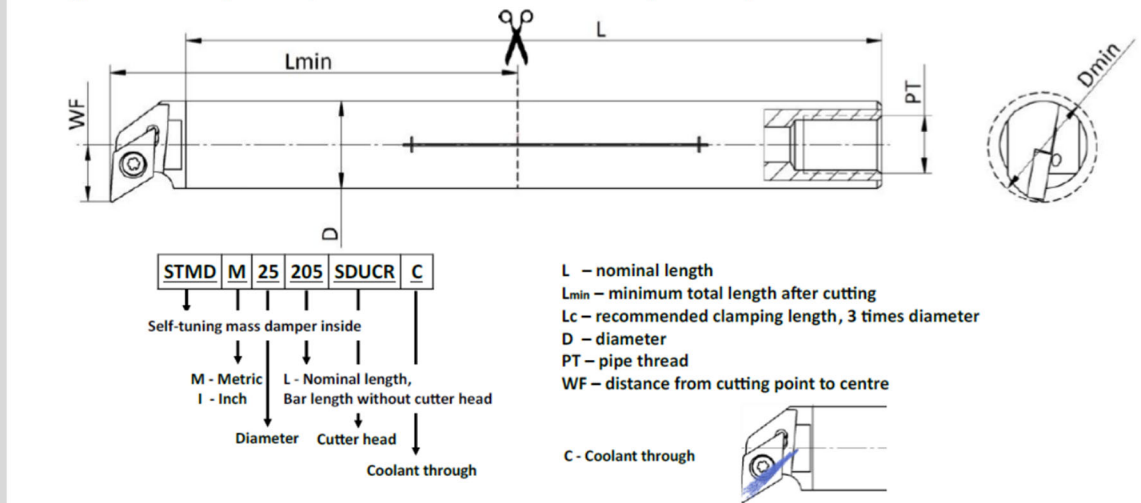
## INDUSTRY NEWS



| Standard: Inch (with fixed head SCLCR for CCMT insert) |                            |      |             |     |     |      |             |              |       |     |
|--|----------------------------|------|-------------|-----|-----|------|-------------|--------------|-------|-----|
| 300217   | STMD 1 1/8 -4.3 SCLCR C    | 0.63 | 1.500-3.000 | 2.8 | 1.4 | 0.33 | CCMT 060204 | IS M2.5x6.0  | G 1/4 | 0.1 |
| 300218   | STMD 1 5/8 - 5.4 SCLCR C   | 0.78 | 1.875-3.750 | 3.8 | 1.9 | 0.43 | CCMT 060204 | IS M2.5x6.0  | G 1/4 | 0.2 |
| 300219   | STMD 1 3/4 - 6.3 SCLCR C   | 0.98 | 2.250-4.500 | 4.7 | 2.4 | 0.51 | CCMT 09T304 | IS M3.5x10.0 | G 1/2 | 0.4 |
| 300220   | STMD 1 7/8-8.1 SCLCR C     | 1.26 | 3.000-6.000 | 6.1 | 2.9 | 0.67 | CCMT 09T304 | IS M3.5x10.0 | G 1/2 | 0.6 |
| 300221   | STMD 1 1 1/4 -10.1 SCLCR C | 1.57 | 3.750-7.500 | 7.6 | 3.8 | 0.86 | CCMT 09T304 | IS M3.5x10.0 | G 1/2 | 1.2 |
| 300222   | STMD 1 1 1/2-12.6 SCLCR C  | 1.96 | 4.500-9.000 | 9.4 | 4.7 | 1.06 | CCMT 09T304 | IS M3.5x10.0 | G 1/2 | 2.4 |

| Standard: Inch (with fixed head STFCR for TCMT insert) |                            |      |             |     |     |      |             |              |       |     |
|--|----------------------------|------|-------------|-----|-----|------|-------------|--------------|-------|-----|
| 300223   | STMD 1 1/8 -4.3 STFCR C    | 0.63 | 1.500-3.000 | 2.8 | 1.4 | 0.35 | TCMT 090204 | IS M2.2x5.0  | G 1/4 | 0.1 |
| 300224   | STMD 1 5/8 - 5.4 STFCR C   | 0.78 | 1.875-3.750 | 3.8 | 1.9 | 0.43 | TCMT 090204 | IS M2.2x5.0  | G 1/4 | 0.2 |
| 300225   | STMD 1 3/4 - 6.3 STFCR C   | 0.98 | 2.250-4.500 | 4.7 | 2.4 | 0.51 | TCMT 110304 | IS M2.5x8.0  | G 1/4 | 0.4 |
| 300226   | STMD 1 1-8.1 STFCR C       | 1.26 | 3.000-6.000 | 6.1 | 2.9 | 0.67 | TCMT 110304 | IS M2.5x8.0  | G 1/4 | 0.6 |
| 300227   | STMD 1 1 1/4 -10.1 STFCR C | 1.57 | 3.750-7.500 | 7.6 | 3.8 | 0.86 | TCMT 16T304 | IS M3.5x10.0 | G 1/2 | 1.2 |
| 300228   | STMD 1 1 1/2-12.6 STFCR C  | 1.96 | 4.500-9.000 | 9.4 | 4.7 | 1.06 | TCMT 16T304 | IS M3.5x10.0 | G 1/2 | 2.4 |

### Straight holder (3-6xD) with fixed cutter heads (Metric)



MAQ9 Rev 090123

## INDUSTRY NEWS



| Standard: Metric (with fixed head SDUCR for DCMT insert) |                      |           |                                   |           |         |         |               |              |     |     |
|--|----------------------|-----------|-----------------------------------|-----------|---------|---------|---------------|--------------|-----|-----|
| Part number  | Type                 | Dmin (mm) | Workable length <sup>b</sup> (mm) | Lmin (mm) | Lc (mm) | WF (mm) | Master insert | Insert screw | PT  | KG  |
| 300205   | STMD M12-108 SDUCR C | 16        | 36-72                             | 72        | 36      | 9       | DCMT 070204   | IS M2.5x6.0  | G ½ | 0.1 |
| 300176   | STMD M16-138 SDUCR C | 20        | 48-96                             | 96        | 48      | 11      | DCMT 070204   | IS M2.5x6.0  | G ½ | 0.2 |
| 300177   | STMD M20-160 SDUCR C | 25        | 60-120                            | 120       | 60      | 13      | DCMT 11T304   | IS M3.5x10.0 | G ½ | 0.4 |
| 300110   | STMD M25-205 SDUCR C | 32        | 75-150                            | 155       | 75      | 17      | DCMT 11T304   | IS M3.5x10.0 | G ½ | 0.6 |
| 300178   | STMD M32-256 SDUCR C | 40        | 96-192                            | 192       | 96      | 22      | DCMT 11T304   | IS M3.5x10.0 | G ½ | 1.2 |
| 300179   | STMD M40-320 SDUCR C | 50        | 120-240                           | 240       | 120     | 27      | DCMT 11T304   | IS M3.5x10.0 | G ½ | 2.4 |


| Standard: Metric (with fixed head SCLCR for CCMT insert) |                      |           |                                   |           |         |         |               |              |     |     |
|--|----------------------|-----------|-----------------------------------|-----------|---------|---------|---------------|--------------|-----|-----|
| Part number  | Type                 | Dmin (mm) | Workable length <sup>b</sup> (mm) | Lmin (mm) | Lc (mm) | WF (mm) | Master insert | Insert screw | PT  | KG  |
| 300206   | STMD M12-108 SCLCR C | 16        | 36-72                             | 72        | 36      | 8,5     | CCMT 060204   | IS M2.5x6.0  | G ½ | 0.1 |
| 300186   | STMD M16-138 SCLCR C | 20        | 48-96                             | 96        | 48      | 11      | CCMT 060204   | IS M2.5x6.0  | G ½ | 0.2 |
| 300188   | STMD M20-160 SCLCR C | 25        | 60-120                            | 120       | 60      | 13      | CCMT 09T304   | IS M3.5x10.0 | G ½ | 0.4 |
| 300184   | STMD M25-205 SCLCR C | 32        | 75-150                            | 155       | 75      | 17      | CCMT 09T304   | IS M3.5x10.0 | G ½ | 0.6 |
| 300183   | STMD M32-256 SCLCR C | 40        | 96-192                            | 192       | 96      | 22      | CCMT 09T304   | IS M3.5x10.0 | G ½ | 1.2 |
| 300181   | STMD M40-320 SCLCR C | 50        | 120-240                           | 240       | 120     | 27      | CCMT 09T304   | IS M3.5x10.0 | G ½ | 2.4 |


| Standard: Metric (with fixed head STFRCR for TCMT insert) |                            |           |                                   |           |         |         |               |              |     |     |
|---|----------------------------|-----------|-----------------------------------|-----------|---------|---------|---------------|--------------|-----|-----|
| Part number   | Type                       | Dmin (mm) | Workable length <sup>b</sup> (mm) | Lmin (mm) | Lc (mm) | WF (mm) | Master insert | Insert screw | PT  | KG  |
| 300207  | STMD M12-108 STFRCR C 0902 | 16        | 36-72                             | 72        | 36      | 9       | TCMT 090204   | IS M2.2x5.0  | G ½ | 0.1 |
| 300587  | STMD M12-108 STFRCR C 1102 | 16        | 36-72                             | 72        | 36      | 9       | TCMT 110204   | IS M2.5x6.0  | G ½ | 0.1 |
| 300187  | STMD M16-138 STFRCR C 0902 | 20        | 48-96                             | 96        | 48      | 11      | TCMT 090204   | IS M2.2x5.0  | G ½ | 0.2 |
| 300588  | STMD M16-138 STFRCR C 1102 | 20        | 48-96                             | 96        | 48      | 11      | TCMT 110204   | IS M2.5x6.0  | G ½ | 0.2 |
| 300589  | STMD M20-160 STFRCR C 1102 | 25        | 60-120                            | 120       | 60      | 13      | TCMT 110204   | IS M2.5x8.0  | G ½ | 0.4 |
| 300189  | STMD M20-160 STFRCR C 1103 | 25        | 60-120                            | 120       | 60      | 13      | TCMT 110304   | IS M2.5x8.0  | G ½ | 0.4 |
| 300590  | STMD M25-205 STFRCR C 1102 | 32        | 75-150                            | 155       | 75      | 17      | TCMT 110204   | IS M2.5x8.0  | G ½ | 0.6 |
| 300185  | STMD M25-205 STFRCR C 1103 | 32        | 75-150                            | 155       | 75      | 17      | TCMT 110304   | IS M2.5x8.0  | G ½ | 0.6 |
| 300180  | STMD M32-256 STFRCR C 16T3 | 40        | 96-192                            | 192       | 96      | 22      | TCMT 16T304   | IS M3.5x10.0 | G ½ | 1.2 |
| 300182  | STMD M40-320 STFRCR C 16T3 | 50        | 120-240                           | 240       | 120     | 27      | TCMT 16T304   | IS M3.5x10.0 | G ½ | 2.4 |


MAQ9 Rev 090123

## INDUSTRY NEWS



| Standard: Metric (with fixed head SDUCL for DCMT insert) |                      |           |                                   |           |         |         |               |              |     |  |
|--|----------------------|-----------|-----------------------------------|-----------|---------|---------|---------------|--------------|-----|--|
| Part number  | Type                 | Dmin (mm) | Workable length <sup>b</sup> (mm) | Lmin (mm) | Lc (mm) | WF (mm) | Master insert | Insert screw | PT  |  KG |
| 300405   | STMD M12-108 SDUCL C | 16        | 36-72                             | 72        | 36      | 9       | DCMT 070204   | IS M2.5x6.0  | G ¼ | 0.1  |
| 300406   | STMD M16-138 SDUCL C | 20        | 48-96                             | 96        | 48      | 11      | DCMT 070204   | IS M2.5x6.0  | G ¼ | 0.2  |
| 300407   | STMD M20-160 SDUCL C | 25        | 60-120                            | 120       | 60      | 13      | DCMT 11T304   | IS M3.5x10.0 | G ¼ | 0.4  |
| 300408   | STMD M25-205 SDUCL C | 32        | 75-150                            | 155       | 75      | 17      | DCMT 11T304   | IS M3.5x10.0 | G ¼ | 0.6  |
| 300409   | STMD M32-256 SDUCL C | 40        | 96-192                            | 192       | 96      | 22      | DCMT 11T304   | IS M3.5x10.0 | G ½ | 1.2  |
| 300410   | STMD M40-320 SDUCL C | 50        | 120-240                           | 240       | 120     | 27      | DCMT 11T304   | IS M3.5x10.0 | G ½ | 2.4  |

| Standard: Metric (with fixed head SCLCL for CCMT insert) |                      |           |                                   |           |         |         |               |              |     |  |
|--|----------------------|-----------|-----------------------------------|-----------|---------|---------|---------------|--------------|-----|--|
| Part number  | Type                 | Dmin (mm) | Workable length <sup>b</sup> (mm) | Lmin (mm) | Lc (mm) | WF (mm) | Master insert | Insert screw | PT  |  KG |
| 300411   | STMD M12-108 SCLCL C | 16        | 36-72                             | 72        | 36      | 8,5     | CCMT 060204   | IS M2.5x6.0  | G ¼ | 0.1  |
| 300412   | STMD M16-138 SCLCL C | 20        | 48-96                             | 96        | 48      | 11      | CCMT 060204   | IS M2.5x6.0  | G ¼ | 0.2  |
| 300413   | STMD M20-160 SCLCL C | 25        | 60-120                            | 120       | 60      | 13      | CCMT 09T304   | IS M3.5x10.0 | G ¼ | 0.4  |
| 300414   | STMD M25-205 SCLCL C | 32        | 75-150                            | 155       | 75      | 17      | CCMT 09T304   | IS M3.5x10.0 | G ¼ | 0.6  |
| 300415   | STMD M32-256 SCLCL C | 40        | 96-192                            | 192       | 96      | 22      | CCMT 09T304   | IS M3.5x10.0 | G ½ | 1.2  |
| 300416   | STMD M40-320 SCLCL C | 50        | 120-240                           | 240       | 120     | 27      | CCMT 09T304   | IS M3.5x10.0 | G ½ | 2.4  |

| Standard: Metric (with fixed head STFCL for TCMT insert) |                           |           |                                   |           |         |         |               |              |     |  |
|--|---------------------------|-----------|-----------------------------------|-----------|---------|---------|---------------|--------------|-----|--|
| Part number  | Type                      | Dmin (mm) | Workable length <sup>b</sup> (mm) | Lmin (mm) | Lc (mm) | WF (mm) | Master insert | Insert screw | PT  |  KG |
| 300591   | STMD M12-108 STFCL C 1102 | 16        | 36-72                             | 72        | 36      | 9       | TCMT 110204   | IS M2.5x6.0  | G ¼ | 0.1  |
| 300592   | STMD M16-138 STFCL C 1102 | 20        | 48-96                             | 96        | 48      | 11      | TCMT 110204   | IS M2.5x6.0  | G ¼ | 0.2  |
| 300593   | STMD M20-160 STFCL C 1102 | 25        | 60-120                            | 120       | 60      | 13      | TCMT 110204   | IS M2.5x8.0  | G ¼ | 0.4  |
| 300594   | STMD M25-205 STFCL C 1102 | 32        | 75-150                            | 155       | 75      | 17      | TCMT 110204   | IS M2.5x8.0  | G ¼ | 0.6  |
| 300595   | STMD M32-256 STFCL C 16T3 | 40        | 96-192                            | 192       | 96      | 22      | TCMT 16T304   | IS M3.5x10.0 | G ½ | 1.2  |
| 300596   | STMD M40-320 STFCL C 16T3 | 50        | 120-240                           | 240       | 120     | 27      | TCMT 16T304   | IS M3.5x10.0 | G ½ | 2.4  |

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MAQ9 Rev 090123