

# Metrisches ISO-Gewindefräsen, Vollprofil

Gewindefräsen ab Bohrungsdurchmesser 2,4 mm, metrisches ISO-Gewinde, Vollprofil. Aufnahme nach DIN 6535 HA.

## Thread milling, metric ISO-Thread, full profile

Thread milling as of bore diameter 2,4 mm, ISO metric thread, full profile. Shank according to DIN 6535 HA.

Schnittwerte (Start) // Cutting parameters (Start)

|                |                 |                      |
|----------------|-----------------|----------------------|
| fzm<br>0,02 mm | hmax<br>0,03 mm | Vc<br>Seite/Page 671 |
|----------------|-----------------|----------------------|

Bitte Hinweise im Anhang beachten // Please read add. notes

**ALL (Seite/Page 678), H06 (Seite/Page 682), H07 (Seite/Page 682)**



SP  
HM

Legende  
Legend

683



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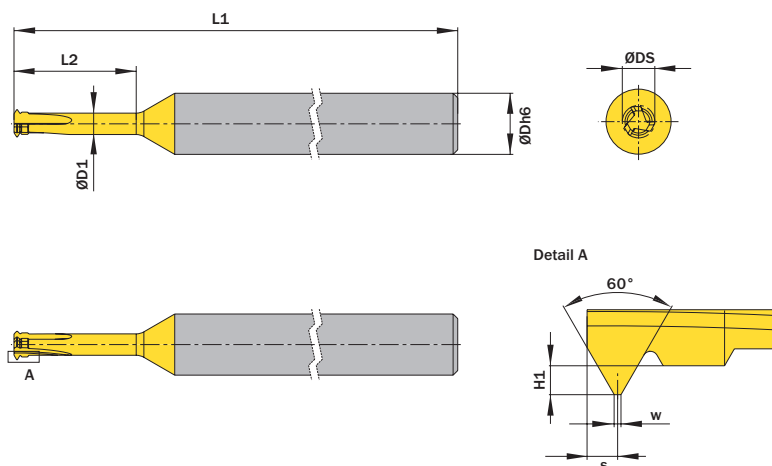


Abbildung zeigt / Drawing shows: MA3.MT03.02.08.04 AM

| Ab Gewindegröße<br>As of thread size<br>mm | Ab Gewindenendurchmesser // As of nominal thread diameter<br>mm | L2<br>mm | ØDh6<br>mm | Artikelnummer<br>Part number | Webcode<br><a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a> | Empfohlene Schneidstoffe<br>Tagesaktuelle Verfügbarkeit und Preise finden Sie auf <a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a><br><br>Recommended cutting grades<br>You can find current availability and prices on <a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a> | ZEFP | Regelgewinde<br>Standard pitch thread | ØD1<br>mm | ØDS<br>mm | H1<br>mm | L1<br>mm | Steigung (von)<br>Pitch (as of) | S<br>mm | w<br>mm | Connectcode<br><a href="http://www.simtek.com/code">www.simtek.com/code</a> |     |
|--------------------------------------------|-----------------------------------------------------------------|----------|------------|------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-----------|-----------|----------|----------|---------------------------------|---------|---------|-----------------------------------------------------------------------------|-----|
| ▼ ØDh6 = 4,0 mm                            |                                                                 |          |            |                              |                                                                               |                                                                                                                                                                                                                                                                                                              |      |                                       |           |           |          |          |                                 |         |         |                                                                             |     |
| M2,5                                       | 2,26                                                            | 8,0      | 4,0        | MA3.MT03.02.08.04 AM         | AZ2H                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 3    | Nein / No                             | 1,4       | 2,0       | 0,19     | 44,0     | 0,35                            | 0,2     | 0,04    | -                                                                           | upd |
| M2,5                                       | 2,47                                                            | 8,0      | 4,0        | MA3.MT05.C.02.08.04 AM       | AZ2J                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 3    | Ja / Yes                              | 1,25      | 2,0       | 0,27     | 44,0     | 0,5                             | 0,3     | 0,06    | -                                                                           | upd |
| M3                                         | 2,94                                                            | 9,0      | 4,0        | MA3.MT06.C.02.09.04 AM       | AZ2K                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 3    | Ja / Yes                              | 1,4       | 2,3       | 0,33     | 44,0     | 0,6                             | 0,3     | 0,08    | -                                                                           | upd |
| ▼ ØDh6 = 6,0 mm                            |                                                                 |          |            |                              |                                                                               |                                                                                                                                                                                                                                                                                                              |      |                                       |           |           |          |          |                                 |         |         |                                                                             |     |
| M3,5                                       | 3,29                                                            | 10,0     | 6,0        | MA3.MT05.02.10.06 AM         | AZ2M                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 3    | Nein / No                             | 2,0       | 2,8       | 0,27     | 58,0     | 0,5                             | 0,3     | 0,06    | -                                                                           | upd |
| M4                                         | 3,65                                                            | 10,0     | 6,0        | MA3.MT07.C.02.10.06 AM       | AZ2N                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 3    | Ja / Yes                              | 1,85      | 2,8       | 0,38     | 58,0     | 0,7                             | 0,4     | 0,09    | -                                                                           | upd |
| M6                                         | 5,21                                                            | 16,0     | 6,0        | MA4.MT07.02.16.06 AM         | AZ3H                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Nein / No                             | 3,1       | 4,2       | 0,41     | 68,0     | 0,75                            | 0,5     | 0,09    | -                                                                           | upd |
| M5                                         | 4,67                                                            | 12,0     | 6,0        | MA4.MT08.C.02.12.06 AM       | A5N1                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Ja / Yes                              | 2,4       | 3,6       | 0,43     | 58,0     | 0,8                             | 0,6     | 0,09    | -                                                                           | upd |
| M8                                         | 7,2                                                             | 16,0     | 6,0        | MA4.MT10.02.16.06 AM         | AZ3M                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Nein / No                             | 4,0       | 5,5       | 0,54     | 68,0     | 1,0                             | 0,6     | 0,12    | -                                                                           | upd |
| M6                                         | 5,81                                                            | 16,0     | 6,0        | MA4.MT10.C.02.16.06 AM       | AZ3J                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Ja / Yes                              | 2,8       | 4,2       | 0,54     | 68,0     | 1,0                             | 0,6     | 0,12    | -                                                                           | upd |
| M8                                         | 7,91                                                            | 16,0     | 6,0        | MA4.MT12.C.02.16.06 AM       | AZ3N                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Ja / Yes                              | 3,7       | 5,5       | 0,68     | 68,0     | 1,25                            | 0,8     | 0,16    | -                                                                           | upd |
| ▼ ØDh6 = 8,0 mm                            |                                                                 |          |            |                              |                                                                               |                                                                                                                                                                                                                                                                                                              |      |                                       |           |           |          |          |                                 |         |         |                                                                             |     |
| M8                                         | 7,88                                                            | 20,0     | 8,0        | MA4.MT07.02.20.08 AM         | AZ3P                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Nein / No                             | 5,6       | 6,8       | 0,41     | 68,0     | 0,75                            | 0,5     | 0,09    | -                                                                           | upd |
| M10                                        | 8,59                                                            | 25,0     | 8,0        | MA4.MT10.02.25.08 AM         | AZ3Q                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Nein / No                             | 5,4       | 6,8       | 0,54     | 78,0     | 1,0                             | 0,6     | 0,12    | -                                                                           | upd |
| M12                                        | 10,13                                                           | 20,0     | 8,0        | MA4.MT15.C.02.20.08 AM       | AZ3S                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Ja / Yes                              | 4,7       | 6,8       | 0,81     | 68,0     | 1,5                             | 0,9     | 0,19    | -                                                                           | upd |
| ▼ ØDh6 = 10,0 mm                           |                                                                 |          |            |                              |                                                                               |                                                                                                                                                                                                                                                                                                              |      |                                       |           |           |          |          |                                 |         |         |                                                                             |     |
| M10                                        | 9,81                                                            | 20,0     | 10,0       | MA4.MT10.02.20.10 AM         | AZ3T                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Nein / No                             | 6,3       | 8,0       | 0,54     | 68,0     | 1,0                             | 0,6     | 0,12    | -                                                                           | upd |
| M12                                        | 10,61                                                           | 30,0     | 10,0       | MA4.MT12.02.30.10 AM         | AZ3U                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Nein / No                             | 6,1       | 8,0       | 0,68     | 78,0     | 1,25                            | 0,8     | 0,16    | -                                                                           | upd |
| M14                                        | 12,37                                                           | 30,0     | 10,0       | MA4.MT17.C.02.30.10 AM       | AZ3V                                                                          | X800 X510 GT42 X510 X400                                                                                                                                                                                                                                                                                     | 4    | Ja / Yes                              | 5,5       | 8,0       | 0,95     | 78,0     | 1,75                            | 1,0     | 0,22    | -                                                                           | upd |

Bestellbeispiel // Order example: MA4.MT10.C.02.16.06 AM X800 (X800 = Schneidstoff // Grade)