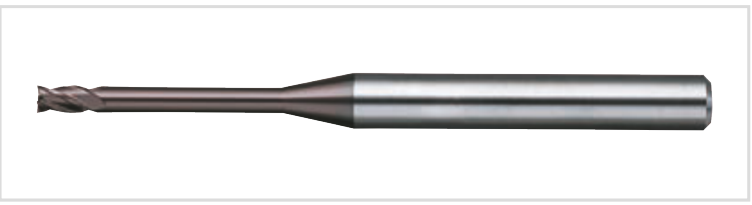
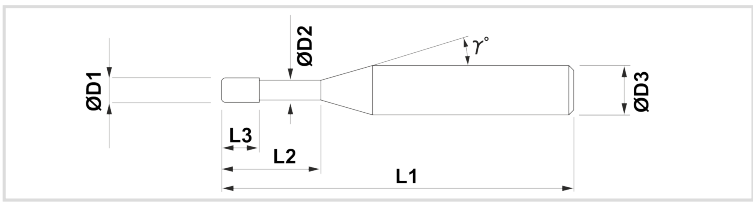
# Fresa MD TR MHR430 4 NAV

Categorias

- Topo Raso

NS TOOL






| Ref. | Descrição | D1 | D2 | D3 | L1 | L2 | L3 | Ângulo | Z |
|---|---|---|---|---|---|---|---|---|---|
| 021880021001004 | Ø1x4x50-S04 | 1 | 0.95 | 4 | 50 | 4 | 1.5 | 12° | 4 |
| 021880021001006 | Ø1x6x50-S04 | 1 | 0.95 | 4 | 50 | 6 | 1.5 | 12° | 4 |
| 021880021001008 | Ø1x8x50-S04 | 1 | 0.95 | 4 | 50 | 8 | 1.5 | 12° | 4 |
| 021880021001010 | Ø1x10x50-S04 | 1 | 0.95 | 4 | 50 | 10 | 1.5 | 12° | 4 |
| 021880021001012 | Ø1x12x50-S04 | 1 | 0.95 | 4 | 50 | 12 | 1.5 | 12° | 4 |
| 021880021001016 | Ø1x16x50-S04 | 1 | 0.95 | 4 | 50 | 16 | 1.5 | 12° | 4 |
| 021880021001106 | Ø1.1x6x50-S04 | 1.1 | 1.05 | 4 | 50 | 6 | 1.7 | 12° | 4 |
| 021880021001110 | Ø1.1x10x50-S04 | 1.1 | 1.05 | 4 | 50 | 10 | 1.7 | 12° | 4 |
| 021880021001116 | Ø1.1x16x60-S04 | 1.1 | 1.05 | 4 | 60 | 16 | 1.7 | 12° | 4 |
| 021880021001206 | Ø1.2x6x50-S04 | 1.2 | 1.15 | 4 | 50 | 6 | 1.8 | 12° | 4 |
| 021880021001208 | Ø1.2x8x50-S04 | 1.2 | 1.15 | 4 | 50 | 8 | 1.8 | 12° | 4 |
| 021880021001210 | Ø1.2x10x50-S04 | 1.2 | 1.15 | 4 | 50 | 10 | 1.8 | 12° | 4 |
| 021880021001212 | Ø1.2x12x50-S04 | 1.2 | 1.15 | 4 | 50 | 12 | 1.8 | 12° | 4 |
| 021880021001216 | Ø1.2x16x60-S04 | 1.2 | 1.15 | 4 | 60 | 16 | 1.8 | 12° | 4 |
| 021880021001306 | Ø1.3x6x50-S04 | 1.3 | 1.25 | 4 | 50 | 6 | 1.9 | 12° | 4 |
| 021880021001312 | Ø1.3x12x50-S04 | 1.3 | 1.25 | 4 | 50 | 12 | 1.9 | 12° | 4 |
| 021880021001318 | Ø1.3x18x60-S04 | 1.3 | 1.25 | 4 | 60 | 18 | 1.9 | 12° | 4 |
| 021880021001406 | Ø1.4x6x50-S04 | 1.4 | 1.35 | 4 | 50 | 6 | 2.1 | 12° | 4 |
| 021880021001408 | Ø1.4x8x50-S04 | 1.4 | 1.35 | 4 | 50 | 8 | 2.1 | 12° | 4 |
| 021880021001410 | Ø1.4x10x50-S04 | 1.4 | 1.35 | 4 | 50 | 10 | 2.1 | 12° | 4 |
| 021880021001412 | Ø1.4x12x50-S04 | 1.4 | 1.35 | 4 | 50 | 12 | 2.1 | 12° | 4 |
| 021880021001414 | Ø1.4x14x60-S04 | 1.4 | 1.35 | 4 | 60 | 14 | 2.1 | 12° | 4 |
| 021880021001416 | Ø1.4x16x60-S04 | 1.4 | 1.35 | 4 | 60 | 16 | 2.1 | 12° | 4 |
| 021880021001422 | Ø1.4x22x60-S04 | 1.4 | 1.35 | 4 | 60 | 22 | 2.1 | 12° | 4 |
| 021880021001506 | Ø1.5x6x50-S04 | 1.5 | 1.45 | 4 | 50 | 6 | 2.3 | 12° | 4 |



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| Ref. | Descrição | D1 | D2 | D3 | L1 | L2 | L3 | Ângulo | Z |
|---|---|---|---|---|---|---|---|---|---|
| 021880021001508 | Ø1.5x8x50-S04 | 1.5 | 1.45 | 4 | 50 | 8 | 2.3 | 12° | 4 |
| 021880021001510 | Ø1.5x10x50-S04 | 1.5 | 1.45 | 4 | 50 | 10 | 2.3 | 12° | 4 |
| 021880021001512 | Ø1.5x12x50-S04 | 1.5 | 1.45 | 4 | 50 | 12 | 2.3 | 12° | 4 |
| 021880021001514 | Ø1.5x14x60-S04 | 1.5 | 1.45 | 4 | 60 | 14 | 2.3 | 12° | 4 |
| 021880021001516 | Ø1.5x16x60-S04 | 1.5 | 1.45 | 4 | 60 | 16 | 2.3 | 12° | 4 |
| 021880021001518 | Ø1.5x18x60-S04 | 1.5 | 1.45 | 4 | 60 | 18 | 2.3 | 12° | 4 |
| 021880021001520 | Ø1.5x20x60-S04 | 1.5 | 1.45 | 4 | 60 | 20 | 2.3 | 12° | 4 |
| 021880021001606 | Ø1.6x6x50-S04 | 1.6 | 1.55 | 4 | 50 | 6 | 2.4 | 12° | 4 |
| 021880021001608 | Ø1.6x8x50-S04 | 1.6 | 1.55 | 4 | 50 | 8 | 2.4 | 12° | 4 |
| 021880021001610 | Ø1.6x10x50-S04 | 1.6 | 1.55 | 4 | 50 | 10 | 2.4 | 12° | 4 |
| 021880021001612 | Ø1.6x12x50-S04 | 1.6 | 1.55 | 4 | 50 | 12 | 2.4 | 12° | 4 |
| 021880021001614 | Ø1.6x14x60-S04 | 1.6 | 1.55 | 4 | 60 | 14 | 2.4 | 12° | 4 |
| 021880021001616 | Ø1.6x16x60-S04 | 1.6 | 1.55 | 4 | 60 | 16 | 2.4 | 12° | 4 |
| 021880021001618 | Ø1.6x18x60-S04 | 1.6 | 1.55 | 4 | 60 | 18 | 2.4 | 12° | 4 |
| 021880021001620 | Ø1.6x20x60-S04 | 1.6 | 1.55 | 4 | 60 | 20 | 2.4 | 12° | 4 |
| 021880021001626 | Ø1.6x26x70-S04 | 1.6 | 1.55 | 4 | 70 | 26 | 2.4 | 12° | 4 |
| 021880021001706 | Ø1.7x6x50-S04 | 1.7 | 1.65 | 4 | 50 | 6 | 2.5 | 12° | 4 |
| 021880021001714 | Ø1.7x14x60-S04 | 1.7 | 1.65 | 4 | 60 | 14 | 2.5 | 12° | 4 |
| 021880021001724 | Ø1.7x24x70-S04 | 1.7 | 1.65 | 4 | 70 | 24 | 2.5 | 12° | 4 |
| 021880021001806 | Ø1.8x6x50-S04 | 1.8 | 1.74 | 4 | 50 | 6 | 2.7 | 12° | 4 |
| 021880021001808 | Ø1.8x8x50-S04 | 1.8 | 1.74 | 4 | 50 | 8 | 2.7 | 12° | 4 |
| 021880021001810 | Ø1.8x10x50-S04 | 1.8 | 1.74 | 4 | 50 | 10 | 2.7 | 12° | 4 |
| 021880021001812 | Ø1.8x12x50-S04 | 1.8 | 1.74 | 4 | 50 | 12 | 2.7 | 12° | 4 |
| 021880021001814 | Ø1.8x14x60-S04 | 1.8 | 1.74 | 4 | 60 | 14 | 2.7 | 12° | 4 |
| 021880021001816 | Ø1.8x16x60-S04 | 1.8 | 1.74 | 4 | 60 | 16 | 2.7 | 12° | 4 |
| 021880021001818 | Ø1.8x18x60-S04 | 1.8 | 1.74 | 4 | 60 | 18 | 2.7 | 12° | 4 |
| 021880021001820 | Ø1.8x20x60-S04 | 1.8 | 1.74 | 4 | 60 | 20 | 2.7 | 12° | 4 |
| 021880021001825 | Ø1.8x25x70-S04 | 1.8 | 1.74 | 4 | 70 | 25 | 2.7 | 12° | 4 |
| 021880021001906 | Ø1.9x6x50-S04 | 1.9 | 1.84 | 4 | 50 | 6 | 2.8 | 12° | 4 |
| 021880021001916 | Ø1.9x16x60-S04 | 1.9 | 1.84 | 4 | 60 | 16 | 2.8 | 12° | 4 |
| 021880021001928 | Ø1.9x28x70-S04 | 1.9 | 1.84 | 4 | 70 | 28 | 2.8 | 12° | 4 |
| 021880021002006 | Ø2x6x50-S04 | 2 | 1.94 | 4 | 50 | 6 | 3 | 12° | 4 |
| 021880021002008 | Ø2x8x50-S04 | 2 | 1.94 | 4 | 50 | 8 | 3 | 12° | 4 |
| 021880021002010 | Ø2x10x50-S04 | 2 | 1.94 | 4 | 50 | 10 | 3 | 12° | 4 |
| 021880021002012 | Ø2x12x50-S04 | 2 | 1.94 | 4 | 50 | 12 | 3 | 12° | 4 |
| 021880021002014 | Ø2x14x60-S04 | 2 | 1.94 | 4 | 60 | 14 | 3 | 12° | 4 |
| 021880021002016 | Ø2x16x60-S04 | 2 | 1.94 | 4 | 60 | 16 | 3 | 12° | 4 |
| 021880021002018 | Ø2x18x60-S04 | 2 | 1.94 | 4 | 60 | 18 | 3 | 12° | 4 |
| 021880021002020 | Ø2x20x60-S04 | 2 | 1.94 | 4 | 60 | 20 | 3 | 12° | 4 |
| 021880021002025 | Ø2x25x70-S04 | 2 | 1.94 | 4 | 70 | 25 | 3 | 12° | 4 |
| 021880021002030 | Ø2x30x70-S04 | 2 | 1.94 | 4 | 70 | 30 | 3 | 12° | 4 |
| 021880021002508 | Ø2.5x8x50-S04 | 2.5 | 2.4 | 4 | 50 | 8 | 3.7 | 12° | 4 |
| 021880021002512 | Ø2.5x12x50-S04 | 2.5 | 2.4 | 4 | 50 | 12 | 3.7 | 12° | 4 |



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| Ref. | Descrição | D1 | D2 | D3 | L1 | L2 | L3 | Ângulo | Z |
|---|---|---|---|---|---|---|---|---|---|
| 021880021002516 | Ø2.5x16x60-S04 | 2.5 | 2.4 | 4 | 60 | 16 | 3.7 | 12° | 4 |
| 021880021002520 | Ø2.5x20x60-S04 | 2.5 | 2.4 | 4 | 60 | 20 | 3.7 | 12° | 4 |
| 021880021002525 | Ø2.5x25x70-S04 | 2.5 | 2.4 | 4 | 70 | 25 | 3.7 | 12° | 4 |
| 021880021003008 | Ø3x8x50-S06 | 3 | 2.85 | 6 | 50 | 8 | 4.5 | 12° | 4 |
| 021880021003012 | Ø3x12x50-S06 | 3 | 2.85 | 6 | 50 | 12 | 4.5 | 12° | 4 |
| 021880021003016 | Ø3x16x60-S06 | 3 | 2.85 | 6 | 60 | 16 | 4.5 | 12° | 4 |
| 021880021003020 | Ø3x20x60-S06 | 3 | 2.85 | 6 | 60 | 20 | 4.5 | 12° | 4 |
| 021880021003025 | Ø3x25x70-S06 | 3 | 2.85 | 6 | 70 | 25 | 4.5 | 12° | 4 |
| 021880021003030 | Ø3x30x70-S06 | 3 | 2.85 | 6 | 70 | 30 | 4.5 | 12° | 4 |
| 021880021003515 | Ø3.5x15x60-S06 | 3.5 | 3.35 | 6 | 60 | 15 | 5.5 | 12° | 4 |
| 021880021003525 | Ø3.5x25x70-S06 | 3.5 | 3.35 | 6 | 70 | 25 | 5.5 | 12° | 4 |
| 021880021003535 | Ø3.5x35x80-S06 | 3.5 | 3.35 | 6 | 80 | 35 | 5.5 | 12° | 4 |
| 021880021004012 | Ø4x12x50-S06 | 4 | 3.8 | 6 | 50 | 12 | 6 | 12° | 4 |
| 021880021004016 | Ø4x16x60-S06 | 4 | 3.8 | 6 | 60 | 16 | 6 | 12° | 4 |
| 021880021004020 | Ø4x20x60-S06 | 4 | 3.8 | 6 | 60 | 20 | 6 | 12° | 4 |
| 021880021004025 | Ø4x25x70-S06 | 4 | 3.8 | 6 | 70 | 25 | 6 | 12° | 4 |
| 021880021004030 | Ø4x30x70-S06 | 4 | 3.8 | 6 | 70 | 30 | 6 | 12° | 4 |
| 021880021004035 | Ø4x35x80-S06 | 4 | 3.8 | 6 | 80 | 35 | 6 | 12° | 4 |
| 021880021004040 | Ø4x40x90-S06 | 4 | 3.8 | 6 | 90 | 40 | 6 | 12° | 4 |
| 021880021004045 | Ø4x45x90-S06 | 4 | 3.8 | 6 | 90 | 45 | 6 | 12° | 4 |
| 021880021004050 | Ø4x50x100-S06 | 4 | 3.8 | 6 | 100 | 50 | 6 | 12° | 4 |
| 021880021005016 | Ø5x16x60-S06 | 5 | 4.8 | 6 | 60 | 16 | 7.5 | 12° | 4 |
| 021880021005025 | Ø5x25x70-S06 | 5 | 4.8 | 6 | 70 | 25 | 7.5 | 12° | 4 |
| 021880021005035 | Ø5x35x80-S06 | 5 | 4.8 | 6 | 80 | 35 | 7.5 | 12° | 4 |
| 021880021005050 | Ø5x50x110-S06 | 5 | 4.8 | 6 | 110 | 50 | 7.5 | 12° | 4 |
| 021880021006020 | Ø6x20x80-S06 | 6 | 5.8 | 6 | 80 | 20 | 9 | - | 4 |
| 021880021006030 | Ø6x30x90-S06 | 6 | 5.8 | 6 | 90 | 30 | 9 | - | 4 |
| 021880021006040 | Ø6x40x100-S06 | 6 | 5.8 | 6 | 100 | 40 | 9 | - | 4 |
| 021880021006050 | Ø6x50x110-S06 | 6 | 5.8 | 6 | 110 | 50 | 9 | - | 4 |
| 021880021008030 | Ø8x30x100 | 8 | 7.8 | 8 | 100 | 30 | 12 | - | 4 |
| 021880021008050 | Ø8x50x120 | 8 | 7.8 | 8 | 120 | 50 | 12 | - | 4 |
| 021880021008060 | Ø8x60x130 | 8 | 7.8 | 8 | 130 | 60 | 12 | - | 4 |
| 021880021010040 | Ø10x40x110 | 10 | 9.8 | 10 | 110 | 40 | 15 | - | 4 |
| 021880021010060 | Ø10x60x130 | 10 | 9.8 | 10 | 130 | 60 | 15 | - | 4 |
| 021880021010080 | Ø10x80x150 | 10 | 9.8 | 10 | 150 | 80 | 15 | - | 4 |



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