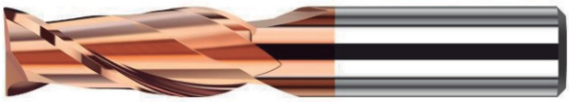
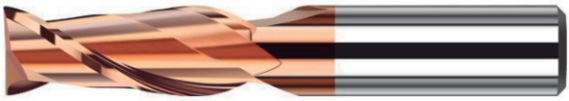
# FRESAS TOPO RETO
# 2 CORTES BRONZE <55HRC TISIN



| Código | D1 | L1 | D | L |
|---|---|---|---|---|
| | Diâmetro | Comprimento Corte | Diâmetro Haste | Comprimento Total |
| 5020104 | 1 | 3 | 4 | 50 |
| 5020204 | 2 | 6 | 4 | 50 |
| 5020300 | 3 | 8 | 3 | 50 |
| 5020301 | 3 | 8 | 3 | 75 |
| 5020302 | 3 | 8 | 3 | 100 |
| 5020304 | 3 | 8 | 4 | 50 |
| 5020400 | 4 | 11 | 4 | 50 |
| 5020401 | 4 | 11 | 4 | 75 |
| 5020402 | 4 | 11 | 4 | 100 |
| 5020500 | 5 | 13 | 5 | 50 |
| 5020501 | 5 | 15 | 5 | 75 |
| 5020502 | 5 | 25 | 5 | 100 |
| 5020600 | 6 | 15 | 6 | 50 |

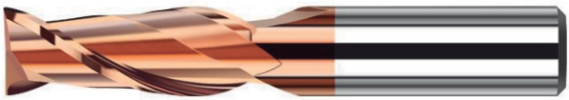
# FRESAS TOPO RETO
# 2 CORTES BRONZE <55HRC TISIN



LINHA STANDART

| Código | D1 | L1 | D | L |
|---|---|---|---|---|
| | Diâmetro | Comprimento Corte | Diâmetro Haste | Comprimento Total |
| 5020600 | 6 | 15 | 6 | 50 |
| 5020601 | 6 | 20 | 6 | 75 |
| 5020602 | 6 | 25 | 8 | 100 |
| 5020800 | 8 | 20 | 8 | 60 |
| 5020801 | 8 | 20 | 8 | 75 |
| 5020802 | 8 | 30 | 8 | 100 |
| 5021000 | 10 | 25 | 10 | 75 |
| 5021002 | 10 | 40 | 10 | 100 |
| 5021200 | 12 | 30 | 12 | 75 |
| 5021202 | 12 | 45 | 12 | 100 |

# FRESAS TOPO RETO
# 2 CORTES BRONZE <55HRC TISIN



P M K N S H

| Ferro Aço Macio ~30HRC | Aço Duro Aço Carbono ~45HRC | Aço Carbono, Aço Ferramenta | | | | Aço Inox | Ferro Fundido | Bronze Latão | Alumínio | Titânio | Liga Alta Tempera |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ~52HRC | ~55HRC | ~58HRC | ~65HRC | | | | | | |
| ● | ● | ○ | | | | | ● | | | | |

## APLICAÇÃO DO MATERIAL ● Excelente ○ Bom

## TABELA DE APLICAÇÃO LINHA STANDART < 55HRC

| GRUPO DE MATERIAL | INOX 304 | | MODERADAMENTE DIFÍCIL SUS | | INOX 316L | | TITÂNIO (LIGAS) | | AÇO MACIO | | FERRO FUNDIDO SC | | ALTA TEMPERATURA (LIGAS) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VC | 72 ~90 M/min | | 56 ~70 M/Min | | 48 ~ 60 M/Min | | 40 ~56 M/min | | 120 ~160 M/min | | 96 ~120 M/min | | 20 ~ 25 M/min | |
| DIÂMETRO | R.P.M | FEED (mm/min) | R.P.M | FEED (mm/min) | R.P.M | FEED (mm/min) | R.P.M | FEED (mm/min) | R.P.M | FEED (mm/min) | R.P.M | FEED (mm/min) | R.P.M | FEED (mm/min) |
| 4MM | 5,732 | 573 | 4,459 | 357 | 3,822 | 229 | 3,185 | 153 | 9,554 | 955 | 7,643 | 764 | 1,592 | 70 |
| 5MM | 4,586 | 550 | 3,567 | 357 | 3,057 | 306 | 2,548 | 153 | 7,643 | 917 | 6,115 | 734 | 1,274 | 56 |
| 6MM | 3,822 | 611 | 2,972 | 416 | 2,548 | 306 | 2,123 | 170 | 6,369 | 1,019 | 5,096 | 815 | 1,062 | 72 |
| 8MM | 2,866 | 573 | 2,229 | 401 | 1,911 | 306 | 1,592 | 191 | 4,777 | 1,146 | 3,822 | 917 | 796 | 86 |
| 10MM | 2,293 | 550 | 1,783 | 357 | 1,529 | 275 | 1,274 | 155 | 3,822 | 917 | 3,057 | 734 | 637 | 69 |
| 12MM | 1,911 | 497 | 1,486 | 327 | 1,274 | 255 | 1,062 | 170 | 3,185 | 892 | 2,548 | 713 | 531 | 81 |
| 14MM | 1,638 | 439 | 1,274 | 290 | 1,092 | 231 | 910 | 157 | 2,730 | 797 | 2,184 | 638 | 455 | 82 |
| 16MM | 1,433 | 401 | 1,115 | 268 | 955 | 210 | 796 | 143 | 2,389 | 717 | 1,1911 | 573 | 398 | 78 |

LINHA STANDART