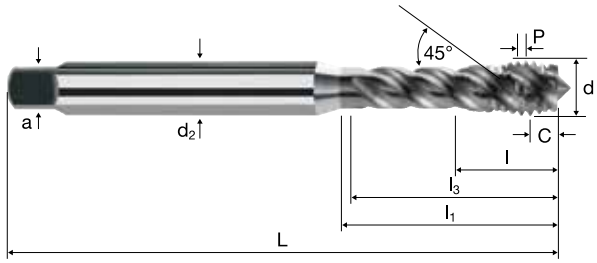
UNC | 2B

60° | HSS PM/F

DIN 371

X · P Form C



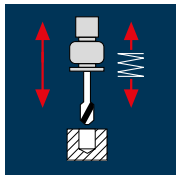

Rm < 850 | **Rm 850-1100**

Example: **Order-N°.** Article-N°. **EH1690** ø-Code **701**

| Ø Code | d | P(TPI) | d (mm) | L | l | $l_1$ | $l_3$ | $d_2$ | a | | | TiCN EH1690 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **701** | **Nr.2** | **-56.0** | 2.184 | 45 | 9.00 | - | 12.5 | 2.8 | 2.1 | 3 | 1.85 | ● |
| **702** | **Nr.3** | **-48.0** | 2.515 | 50 | 9.00 | - | 13.0 | 2.8 | 2.1 | 3 | 2.10 | ● |
| **703** | **Nr.4** | **-40.0** | 2.845 | 56 | 5.00 | - | 16.0 | 3.5 | 2.7 | 3 | 2.35 | ● |
| **704** | **Nr.5** | **-40.0** | 3.175 | 56 | 5.00 | - | 16.0 | 3.5 | 2.7 | 3 | 2.65 | ● |
| **705** | **Nr.6** | **-32.0** | 3.505 | 56 | 6.00 | - | 18.0 | 4.0 | 3.0 | 3 | 2.85 | ● |
| **706** | **Nr.8** | **-32.0** | 4.166 | 63 | 7.00 | - | 19.0 | 4.5 | 3.4 | 3 | 3.50 | ● |
| **707** | **Nr.10** | **-24.0** | 4.826 | 70 | 8.00 | - | 23.0 | 6.0 | 4.9 | 3 | 3.90 | ● |
| **708** | **Nr.12** | **-24.0** | 5.486 | 80 | 10.00 | - | 28.0 | 6.0 | 4.9 | 3 | 4.50 | ● |
| **709** | **1/4** | **-20.0** | 6.350 | 80 | 10.00 | 30.0 | 28.0 | 7.0 | 5.5 | 3 | 5.10 | ● |
| **710** | **5/16** | **-18.0** | 7.938 | 90 | 13.00 | 35.0 | 33.0 | 8.0 | 6.2 | 3 | 6.60 | ● |
| **711** | **3/8** | **-16.0** | 9.525 | 100 | 15.00 | 39.0 | 37.0 | 10.0 | 8.0 | 3 | 8.00 | ● |

For larger dimensions see article no. EH1691

UN

| Application | Material | UNC | P(TPI) | d [mm] | P [mm] | $v_c$ 1.0 x d | n [min⁻¹] | $v_f$ [100%] | $v_c$ 1.5 x d | n [min⁻¹] | $v_f$ [100%] | $v_c$ 2.0 x d | n [min⁻¹] | $v_f$ [100%] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Steel 500 - 850 N/mm² | Nr.2 | -56.0 | 2.184 | 0.454 | 25 | 3645 | 1653 | 22 | 3205 | 1454 | 18 | 2625 | 1190 |
| | | Nr.3 | -48.0 | 2.515 | 0.529 | 25 | 3165 | 1675 | 22 | 2785 | 1474 | 18 | 2280 | 1206 |
| | | Nr.4 | -40.0 | 2.845 | 0.635 | 25 | 2795 | 1775 | 22 | 2460 | 1562 | 18 | 2015 | 1280 |
| | | Nr.5 | -40.0 | 3.175 | 0.635 | 25 | 2505 | 1591 | 22 | 2205 | 1400 | 18 | 1805 | 1146 |
| | | Nr.6 | -32.0 | 3.505 | 0.794 | 25 | 2270 | 1802 | 22 | 2000 | 1587 | 18 | 1635 | 1298 |
| | | Nr.8 | -32.0 | 4.166 | 0.794 | 25 | 1910 | 1516 | 22 | 1680 | 1333 | 18 | 1375 | 1091 |
| | | Nr.10 | -24.0 | 4.826 | 1.058 | 25 | 1650 | 1746 | 22 | 1450 | 1535 | 18 | 1185 | 1254 |
| | | Nr.12 | -24.0 | 5.486 | 1.058 | 25 | 1450 | 1535 | 22 | 1275 | 1349 | 18 | 1045 | 1106 |
| | | 1/4 | -20.0 | 6.350 | 1.270 | 25 | 1255 | 1594 | 22 | 1105 | 1403 | 18 | 900 | 1143 |
| | Steel 500 - 850 N/mm² | 5/16 | -18.0 | 7.938 | 1.411 | 25 | 1000 | 1411 | 22 | 880 | 1242 | 18 | 720 | 1016 |
| | | 3/8 | -16.0 | 9.525 | 1.588 | 25 | 835 | 1326 | 22 | 735 | 1167 | 18 | 600 | 953 |
| | Steel 850 - 1100 N/mm² | Nr.2 | -56.0 | 2.184 | 0.454 | 16 | 2330 | 1057 | 13 | 1895 | 859 | 8 | 1165 | 528 |
| | | Nr.3 | -48.0 | 2.515 | 0.529 | 16 | 2025 | 1071 | 13 | 1645 | 870 | 8 | 1015 | 537 |
| | | Nr.4 | -40.0 | 2.845 | 0.635 | 16 | 1790 | 1137 | 13 | 1455 | 924 | 8 | 895 | 568 |
| | | Nr.5 | -40.0 | 3.175 | 0.635 | 16 | 1605 | 1019 | 13 | 1305 | 829 | 8 | 800 | 508 |
| | | Nr.6 | -32.0 | 3.505 | 0.794 | 16 | 1455 | 1155 | 13 | 1180 | 937 | 8 | 725 | 575 |
| | | Nr.8 | -32.0 | 4.166 | 0.794 | 16 | 1225 | 972 | 13 | 995 | 790 | 8 | 610 | 484 |
| | | Nr.10 | -24.0 | 4.826 | 1.058 | 16 | 1055 | 1117 | 13 | 855 | 905 | 8 | 530 | 561 |
| | | Nr.12 | -24.0 | 5.486 | 1.058 | 16 | 930 | 984 | 13 | 755 | 799 | 8 | 465 | 492 |
| | | 1/4 | -20.0 | 6.350 | 1.270 | 16 | 800 | 1016 | 13 | 650 | 826 | 8 | 400 | 508 |
| | Steel 850 - 1100 N/mm² | 5/16 | -18.0 | 7.938 | 1.411 | 16 | 640 | 903 | 13 | 520 | 734 | 8 | 320 | 452 |
| | | 3/8 | -16.0 | 9.525 | 1.588 | 16 | 535 | 849 | 13 | 435 | 691 | 8 | 265 | 421 |