

**Box**



**HSS-G Spiraalboren, type HD-S, Gold-Line**

Uitvoering

Stabiele HSS geslepen spiraalboren DIN338, type HD-S, kernversterkt, tophoek 130°, kruisaanslijping volgens DIN 1412 Form C. Alle boren >ø13mm zijn standaard met een teruggeslepen schacht ø13mm. Powered by Werkö.

Toepassing

Voor algemeen gebruik maar door kern versterkte spiraal ook toe te passen op CNC-machines in meest voorkomende materialen zoals staal tot 1.000 N/mm², gietstaal, (nodulair) gietijzer, nieuwzilver, grafiet, etc.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Art.nr. |   | Diameter | Totaal | Spiraal | V.E. |
| 102.0040 |   | 0,4 | 20 | 5 | 10 |
| 102.0050 |   | 0,5 | 22 | 6 | 10 |
| 102.0060 |   | 0,6 | 24 | 7 | 10 |
| 102.0070 |   | 0,7 | 28 | 9 | 10 |
| 102.0080 |   | 0,8 | 30 | 10 | 10 |
| 102.0090 |   | 0,9 | 32 | 11 | 10 |
| 102.0100 |   | 1,0 | 34 | 12 | 10 |
| 102.0110 |   | 1,1 | 36 | 14 | 10 |
| 102.0120 |   | 1,2 | 38 | 16 | 10 |
| 102.0130 |   | 1,3 | 38 | 16 | 10 |
| 102.0140 |   | 1,4 | 40 | 18 | 10 |
| 102.0150 |   | 1,5 | 40 | 18 | 10 |
| 102.0160 |   | 1,6 | 43 | 20 | 10 |
| 102.0170 |   | 1,7 | 43 | 20 | 10 |
| 102.0180 |   | 1,8 | 46 | 22 | 10 |
| 102.0190 |   | 1,9 | 46 | 22 | 10 |
| 102.0200 |   | 2,0 | 49 | 24 | 10 |
| 102.0210 |   | 2,1 | 49 | 24 | 10 |
| 102.0220 |   | 2,2 | 53 | 27 | 10 |
| 102.0230 |   | 2,3 | 53 | 27 | 10 |
| 102.0240 |   | 2,4 | 57 | 30 | 10 |
| 102.0250 |   | 2,5 | 57 | 30 | 10 |
| 102.0260 |   | 2,6 | 57 | 30 | 10 |
| 102.0270 |   | 2,7 | 61 | 33 | 10 |
| 102.0280 |   | 2,8 | 61 | 33 | 10 |
| 102.0290 |   | 2,9 | 61 | 33 | 10 |
| 102.0300 |   | 3,0 | 61 | 33 | 10 |
| 102.0310 |   | 3,1 | 65 | 36 | 10 |
| 102.0320 |   | 3,2 | 65 | 36 | 10 |
| 102.0325 |   | 3,25 | 65 | 36 | 10 |
| 102.0330 |   | 3,3 | 65 | 36 | 10 |
| 102.0340 |   | 3,4 | 70 | 39 | 10 |
| 102.0350 |   | 3,5 | 70 | 39 | 10 |
| 102.0360 |   | 3,6 | 70 | 39 | 10 |
| 102.0370 |   | 3,7 | 70 | 39 | 10 |
| 102.0380 |   | 3,8 | 75 | 43 | 10 |
| 102.0390 |   | 3,9 | 75 | 43 | 10 |
| 102.0400 |   | 4,0 | 75 | 43 | 10 |
| 102.0410 |   | 4,1 | 75 | 43 | 10 |
| 102.0420 |   | 4,2 | 75 | 43 | 10 |
| 102.0430 |   | 4,3 | 80 | 47 | 10 |
| 102.0440 |   | 4,4 | 80 | 47 | 10 |
| 102.0450 |   | 4,5 | 80 | 47 | 10 |
| 102.0460 |   | 4,6 | 80 | 47 | 10 |
| 102.0470 |   | 4,7 | 80 | 47 | 10 |
| 102.0480 |   | 4,8 | 86 | 52 | 10 |
| 102.0490 |   | 4,9 | 86 | 52 | 10 |
| 102.0500 |   | 5,0 | 86 | 52 | 10 |
| 102.0510 |   | 5,1 | 86 | 52 | 10 |
| 102.0520 |   | 5,2 | 86 | 52 | 10 |
| 102.0530 |   | 5,3 | 86 | 52 | 10 |
| 102.0540 |   | 5,4 | 93 | 57 | 10 |
| 102.0550 |   | 5,5 | 93 | 57 | 10 |
| 102.0560 |   | 5,6 | 93 | 57 | 10 |
| 102.0570 |   | 5,7 | 93 | 57 | 10 |
| 102.0580 |   | 5,8 | 93 | 57 | 10 |
| 102.0590 |   | 5,9 | 93 | 57 | 10 |
| 102.0600 |   | 6,0 | 93 | 57 | 10 |
| 102.0610 |   | 6,1 | 101 | 63 | 10 |
| 102.0620 |   | 6,2 | 101 | 63 | 10 |
| 102.0630 |   | 6,3 | 101 | 63 | 10 |
| 102.0640 |   | 6,4 | 101 | 63 | 10 |
| 102.0650 |   | 6,5 | 101 | 63 | 10 |
| 102.0660 |   | 6,6 | 101 | 63 | 10 |
| 102.0670 |   | 6,7 | 101 | 63 | 10 |
| 102.0680 |   | 6,8 | 109 | 69 | 10 |
| 102.0690 |   | 6,9 | 109 | 69 | 10 |
| 102.0700 |   | 7,0 | 109 | 69 | 10 |
| 102.0710 |   | 7,1 | 109 | 69 | 10 |
| 102.0720 |   | 7,2 | 109 | 69 | 10 |
| 102.0730 |   | 7,3 | 109 | 69 | 10 |
| 102.0740 |   | 7,4 | 109 | 69 | 10 |
| 102.0750 |   | 7,5 | 109 | 69 | 10 |
| 102.0760 |   | 7,6 | 117 | 75 | 10 |
| 102.0770 |   | 7,7 | 117 | 75 | 10 |
| 102.0780 |   | 7,8 | 117 | 75 | 10 |
| 102.0790 |   | 7,9 | 117 | 75 | 10 |
| 102.0800 |   | 8,0 | 117 | 75 | 10 |
| 102.0810 |   | 8,1 | 117 | 75 | 5 |
| 102.0820 |   | 8,2 | 117 | 75 | 5 |
| 102.0830 |   | 8,3 | 117 | 75 | 5 |
| 102.0840 |   | 8,4 | 117 | 75 | 5 |
| 102.0850 |   | 8,5 | 117 | 75 | 5 |
| 102.0860 |   | 8,6 | 125 | 81 | 5 |
| 102.0870 |   | 8,7 | 125 | 81 | 5 |
| 102.0880 |   | 8,8 | 125 | 81 | 5 |
| 102.0890 |   | 8,9 | 125 | 81 | 5 |
| 102.0900 |   | 9,0 | 125 | 81 | 5 |
| 102.0910 |   | 9,1 | 125 | 81 | 5 |
| 102.0920 |   | 9,2 | 125 | 81 | 5 |
| 102.0930 |   | 9,3 | 125 | 81 | 5 |
| 102.0940 |   | 9,4 | 125 | 81 | 5 |
| 102.0950 |   | 9,5 | 125 | 81 | 5 |
| 102.0960 |   | 9,6 | 133 | 87 | 5 |
| 102.0970 |   | 9,7 | 133 | 87 | 5 |
| 102.0980 |   | 9,8 | 133 | 87 | 5 |
| 102.0990 |   | 9,9 | 133 | 87 | 5 |
| 102.1000 |   | 10,0 | 133 | 87 | 5 |
| 102.1010 |   | 10,1 | 133 | 87 | 1 |
| 102.1020 |   | 10,2 | 133 | 87 | 1 |
| 102.1030 |   | 10,3 | 133 | 87 | 1 |
| 102.1040 |   | 10,4 | 133 | 87 | 1 |
| 102.1050 |   | 10,5 | 133 | 87 | 1 |
| 102.1070 |   | 10,7 | 142 | 94 | 1 |
| 102.1080 |   | 10,8 | 142 | 94 | 1 |
| 102.1100 |   | 11,0 | 142 | 94 | 1 |
| 102.1150 |   | 11,5 | 142 | 94 | 1 |
| 102.1160 |   | 11,6 | 142 | 94 | 1 |
| 102.1200 |   | 12,0 | 151 | 101 | 1 |
| 102.1210 |   | 12,1 | 151 | 101 | 1 |
| 102.1220 |   | 12,2 | 151 | 101 | 1 |
| 102.1230 |   | 12,3 | 151 | 101 | 1 |
| 102.1240 |   | 12,4 | 151 | 101 | 1 |
| 102.1250 |   | 12,5 | 151 | 101 | 1 |
| 102.1300 |   | 13,0 | 151 | 101 | 1 |
| 102.1350 |   | 13,5 | 160 | 108 | 1 |
| 102.1400 |   | 14,0 | 160 | 108 | 1 |
| 102.1450 |   | 14,5 | 169 | 114 | 1 |
| 102.1500 |   | 15,0 | 169 | 114 | 1 |
| 102.1550 |   | 15,5 | 178 | 120 | 1 |
| 102.1600 |   | 16,0 | 178 | 120 | 1 |
| 102.1650 |   | 16,5 | 184 | 125 | 1 |
| 102.1700 |   | 17,0 | 184 | 125 | 1 |
| 102.1750 |   | 17,5 | 191 | 130 | 1 |
| 102.1800 |   | 18,0 | 191 | 130 | 1 |
| 102.1850 |   | 18,5 | 198 | 135 | 1 |
| 102.1900 |   | 19,0 | 198 | 135 | 1 |
| 102.1950 |   | 19,5 | 205 | 140 | 1 |
| 102.2000 |   | 20,0 | 205 | 140 | 1 |