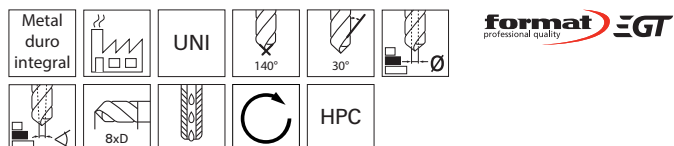


1.2

Broca espiral HPC, 8 x D

Características: Broca espiral estable, multigeometría especial, con cámaras de virutas pulidas.



| Aplicación | ACERO | | | INOX | | | FUNDICIÓN | | ALEACIONES ESPECIALES | METALES NO FÉRRICOS | | | | ACERO TEMPLADO | | | Ref. |
|------------------------|-------------|--------------|--------------|-------------------|--------------|--------|-----------|-----|-----------------------|---------------------|--------------------|----------------------------|--------------------|----------------|----------|----------|------|
| | < 700 N/mm² | < 1000 N/mm² | < 1400 N/mm² | Ferrit./ martens. | Aus-tenítico | Duplex | GG/ GTS | GGG | Titanio > 850 N/mm² | Alumi- nio < 8% Si | Alumi- nio > 8% Si | Aleaciones de cobre y cinc | GFRP/CFRP/ Duropl. | < 55 HRC | < 60 HRC | > 60 HRC | |
| V _c [m/min] | 95 | 60 | 35 | 30 | 45 | 30 | 75 | 75 | 45 | 165 | 125 | 110 | - | 25 | - | - | 1201 |
| | 95 | 60 | 35 | 30 | 45 | 30 | 75 | 75 | 45 | 165 | 125 | 110 | - | 25 | - | - | 1202 |

| Ø m7 mm | Longitud de la espiral mm | Longitud total mm | Ø de vástago mm | f mm/rev | ACERO | 1201 SUPRA | 1202 SUPRA | Ref. |
|---------|---------------------------|-------------------|-----------------|----------|--------------|------------|------------|---------|
| | | | | | < 1400 N/mm² | € | € | |
| 1 | 11 | 55 | 3 | 0.05 | 164,61 | - | - | ...0100 |
| 1.1 | 17 | 55 | 3 | 0.05 | 164,61 | - | - | ...0110 |
| 1.2 | 17 | 55 | 3 | 0.05 | 164,61 | - | - | ...0120 |
| 1.3 | 17 | 55 | 3 | 0.05 | 164,61 | - | - | ...0130 |
| 1.4 | 17 | 55 | 3 | 0.05 | 164,61 | - | - | ...0140 |
| 1.5 | 22 | 65 | 3 | 0.05 | 164,61 | - | - | ...0150 |
| 1.6 | 22 | 65 | 3 | 0.05 | 164,61 | - | - | ...0160 |
| 1.7 | 22 | 65 | 3 | 0.05 | 164,61 | - | - | ...0170 |
| 1.8 | 22 | 65 | 3 | 0.05 | 164,61 | - | - | ...0180 |
| 1.9 | 22 | 65 | 3 | 0.05 | 164,61 | - | - | ...0190 |
| 2 | 28 | 74 | 3 | 0.05 | 182,94 | - | - | ...0200 |
| 2.1 | 28 | 74 | 3 | 0.05 | 182,94 | - | - | ...0210 |
| 2.2 | 28 | 74 | 3 | 0.05 | 182,94 | - | - | ...0220 |
| 2.3 | 28 | 74 | 3 | 0.05 | 182,94 | - | - | ...0230 |
| 2.4 | 28 | 74 | 3 | 0.05 | 182,94 | - | - | ...0240 |
| 2.5 | 28 | 81 | 3 | 0.05 | 182,94 | - | - | ...0250 |
| 2.6 | 32 | 81 | 3 | 0.05 | 199,51 | - | - | ...0260 |
| 2.7 | 32 | 81 | 3 | 0.05 | 199,51 | - | - | ...0270 |
| 2.8 | 32 | 81 | 3 | 0.05 | 199,51 | - | - | ...0280 |
| 2.9 | 32 | 81 | 3 | 0.05 | 199,51 | - | - | ...0290 |
| 3 | 34 | 72 | 6 | 0.05 | 216,16 | 216,16 | - | ...0300 |
| 3.1 | 34 | 72 | 6 | 0.1 | 216,16 | 216,16 | - | ...0310 |
| 3.2 | 34 | 72 | 6 | 0.1 | 216,16 | 216,16 | - | ...0320 |
| 3.3 | 34 | 72 | 6 | 0.1 | 216,16 | 216,16 | - | ...0330 |
| 3.4 | 34 | 72 | 6 | 0.1 | 216,16 | 216,16 | - | ...0340 |
| 3.5 | 34 | 72 | 6 | 0.1 | 216,16 | 216,16 | - | ...0350 |
| 3.6 | 34 | 72 | 6 | 0.1 | 216,16 | 216,16 | - | ...0360 |
| 3.7 | 34 | 72 | 6 | 0.1 | 216,16 | 216,16 | - | ...0370 |
| 3.8 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0380 |
| 3.9 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0390 |
| 4 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0400 |
| 4.1 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0410 |
| 4.2 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0420 |
| 4.3 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0430 |
| 4.4 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0440 |
| 4.5 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0450 |
| 4.6 | 43 | 86 | 6 | 0.1 | 216,16 | 216,16 | - | ...0460 |
| 4.7 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0470 |
| 4.8 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0480 |
| 4.9 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0490 |
| 5 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0500 |
| 5.1 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0510 |
| 5.2 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0520 |
| 5.3 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0530 |
| 5.4 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0540 |
| 5.5 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0550 |
| 5.6 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0560 |
| 5.7 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | - | ...0570 |

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Continúa en la página siguiente

Broca espiral HPC, 8 x D

Continuado de la página anterior

| Ø m7 mm | Longitud de la espiral mm | Longitud total mm | Ø de vástago mm | ACERO < 1400 N/mm ² f mm/rev | formato Δ GT | | Ref. |
|------------|------------------------------|----------------------|--------------------|--|---------------------|--------|---------|
| | | | | | 1201 | 1202 | |
| | | | | | SUPRA | SUPRA | |
| | | | | | € | € | |
| 5.8 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | ...0580 |
| 5.9 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | ...0590 |
| 6 | 57 | 95 | 6 | 0.1 | 216,16 | 216,16 | ...0600 |
| 6.1 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0610 |
| 6.2 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0620 |
| 6.3 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0630 |
| 6.4 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0640 |
| 6.5 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0650 |
| 6.6 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0660 |
| 6.7 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0670 |
| 6.8 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0680 |
| 6.9 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0690 |
| 7 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0700 |
| 7.1 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0710 |
| 7.2 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0720 |
| 7.3 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0730 |
| 7.4 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0740 |
| 7.5 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0750 |
| 7.6 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0760 |
| 7.7 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0770 |
| 7.8 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0780 |
| 7.9 | 76 | 114 | 8 | 0.1 | 257,74 | 257,74 | ...0790 |
| 8 | 76 | 114 | 10 | 0.1 | 257,74 | 257,74 | ...0800 |
| 8.1 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0810 |
| 8.2 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0820 |
| 8.3 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0830 |
| 8.4 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0840 |
| 8.5 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0850 |
| 8.6 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0860 |
| 8.7 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0870 |
| 8.8 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0880 |
| 8.9 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0890 |
| 9 | 95 | 142 | 10 | 0.1 | 340,88 | 340,88 | ...0900 |
| 9.1 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0910 |
| 9.2 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0920 |
| 9.3 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0930 |
| 9.4 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0940 |
| 9.5 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0950 |
| 9.6 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0960 |
| 9.7 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0970 |
| 9.8 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0980 |
| 9.9 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...0990 |
| 10 | 95 | 142 | 10 | 0.18 | 340,88 | 340,88 | ...1000 |
| 10.1 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1010 |
| 10.2 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1020 |
| 10.3 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1030 |
| 10.4 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1040 |
| 10.5 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1050 |
| 10.6 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1060 |
| 10.7 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1070 |
| 10.8 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1080 |
| 10.9 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1090 |
| 11 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1100 |
| 11.1 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1110 |
| 11.2 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1120 |
| 11.3 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1130 |
| 11.4 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1140 |
| 11.5 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1150 |
| 11.6 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1160 |
| 11.7 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1170 |
| 11.8 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1180 |
| 11.9 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1190 |
| 12 | 114 | 162 | 12 | 0.18 | 440,66 | 440,66 | ...1200 |
| 12.2 | 133 | 184 | 14 | 0.18 | 548,68 | - | ...1220 |
| 12.5 | 133 | 184 | 14 | 0.18 | 548,68 | 548,68 | ...1250 |
| 12.8 | 133 | 184 | 14 | 0.18 | 548,68 | 548,68 | ...1280 |
| 13 | 133 | 184 | 14 | 0.18 | 548,68 | 548,68 | ...1300 |
| 13.5 | 133 | 184 | 14 | 0.18 | 548,68 | 548,68 | ...1350 |
| 14 | 133 | 184 | 14 | 0.18 | 548,68 | 548,68 | ...1400 |

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Broca espiral HPC, 8 x D

Continuado de la página anterior

| Ø m7 mm | Longitud de la espiral mm | Longitud total mm | Ø de vástago mm | f mm/rev | ACERO | format EGT 1201 | format EGT 1202 | Ref. |
|------------|------------------------------|----------------------|--------------------|-------------|--------------------------|--------------------|--------------------|---------|
| | | | | | < 1400 N/mm ² | SUPRA | SUPRA | |
| 14.5 | 152 | 203 | 16 | 0.18 | | 748,24 | 748,24 | ...1450 |
| 15 | 152 | 203 | 16 | 0.18 | | 748,24 | 748,24 | ...1500 |
| 15.5 | 152 | 203 | 16 | 0.18 | | 748,24 | 748,24 | ...1550 |
| 15.8 | 152 | 203 | 16 | 0.18 | | 748,24 | - | ...1580 |
| 16 | 152 | 203 | 16 | 0.18 | | 748,24 | 748,24 | ...1600 |
| 16.5 | 171 | 222 | 18 | 0.18 | | 922,81 | 922,81 | ...1650 |
| 17 | 171 | 222 | 18 | 0.18 | | 922,81 | 922,81 | ...1700 |
| 17.5 | 171 | 222 | 18 | 0.18 | | 922,81 | 922,81 | ...1750 |
| 18 | 171 | 222 | 18 | 0.18 | | 922,81 | 922,81 | ...1800 |
| 18.5 | 190 | 243 | 20 | 0.18 | | 1.125,66 | 1.125,66 | ...1850 |
| 19 | 190 | 243 | 20 | 0.18 | | 1.125,66 | 1.125,66 | ...1900 |
| 20 | 190 | 243 | 20 | 0.18 | | 1.125,66 | 1.125,66 | ...2000 |

(W111) (W111)

Broca espiral HPC, 12 x D

Características: Broca espiral estable, multigeometría especial, con cámaras de virutas pulidas.

| Aplicación | ACERO | | | INOX | | | FUNDICIÓN | | ALEACIONES ESPECIALES | METALES NO FÉRRICOS | | | | ACERO TEMPLADO | | | Ref. |
|------------------------|-------------------------|--------------------------|--------------------------|-------------------|--------------|--------|-----------|-----|---------------------------------|---------------------|-------------------|----------------------------|--------------------|----------------|----------|----------|------|
| | < 700 N/mm ² | < 1000 N/mm ² | < 1400 N/mm ² | Ferrit./ martens. | Aus-tenítico | Duplex | GG/GTS | GGG | Titanio > 850 N/mm ² | Alumi-nio < 8% Si | Alumi-nio > 8% Si | Aleaciones de cobre y cinc | GFRP/CFRP/ Duropl. | < 55 HRC | < 60 HRC | > 60 HRC | |
| V _c [m/min] | 75 | 60 | 50 | - | 50 | - | 60 | 60 | - | 160 | 120 | 80 | - | - | - | - | 1204 |
| | 75 | 60 | 50 | - | 50 | - | 60 | 60 | - | 160 | 120 | 80 | - | - | - | - | 1205 |

| Ø m7 mm | Longitud de la espiral mm | Longitud total mm | Ø de vástago mm | f mm/rev | ACERO | format EGT 1204 | format EGT 1205 | Ref. |
|------------|------------------------------|----------------------|--------------------|-------------|--------------------------|--------------------|--------------------|---------|
| | | | | | < 1400 N/mm ² | SUPRA | SUPRA | |
| 1 | 15 | 55 | 3 | 0.05 | | 249,43 | - | ...0100 |
| 1.1 | 23 | 55 | 3 | 0.05 | | 249,43 | - | ...0110 |
| 1.2 | 23 | 55 | 3 | 0.05 | | 249,43 | - | ...0120 |
| 1.3 | 23 | 55 | 3 | 0.05 | | 249,43 | - | ...0130 |
| 1.4 | 23 | 55 | 3 | 0.05 | | 249,43 | - | ...0140 |
| 1.5 | 30 | 65 | 3 | 0.05 | | 249,43 | - | ...0150 |
| 1.6 | 30 | 65 | 3 | 0.05 | | 249,43 | - | ...0160 |
| 1.7 | 30 | 65 | 3 | 0.05 | | 249,43 | - | ...0170 |
| 1.8 | 30 | 65 | 3 | 0.05 | | 249,43 | - | ...0180 |
| 1.9 | 30 | 65 | 3 | 0.05 | | 249,43 | - | ...0190 |
| 2 | 30 | 65 | 3 | 0.05 | | 249,43 | - | ...0200 |
| 2.1 | 38 | 74 | 3 | 0.05 | | 249,43 | - | ...0210 |
| 2.2 | 38 | 74 | 3 | 0.05 | | 249,43 | - | ...0220 |
| 2.3 | 38 | 74 | 3 | 0.05 | | 249,43 | - | ...0230 |
| 2.4 | 38 | 74 | 3 | 0.05 | | 249,43 | - | ...0240 |
| 2.5 | 44 | 81 | 3 | 0.05 | | 249,43 | - | ...0250 |
| 2.6 | 44 | 81 | 3 | 0.05 | | 249,43 | - | ...0260 |

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