



Drilling

NEW  
TBX  
4 FHI  
PERFPA  
CK

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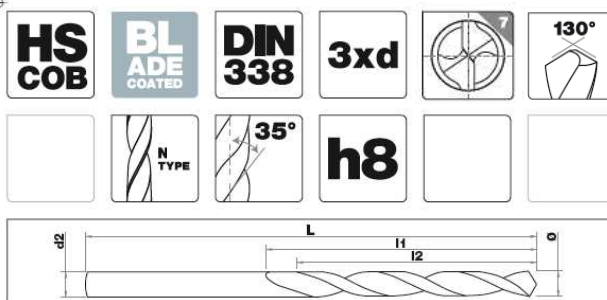
1145616



NEW

4 FACET  
POINT

- Foret HSCOB BLADE taillé meulé cylindrique court. **Affûtage 4 faces**
- Perçage des aciers inoxydables austénitiques. Vitesse de coupe élevée de vie.
- HSCOB BLADE fully ground jobber length drill. **4 Facet point**
- For austenitic stainless steels. Speed, life span.
- Broca HSS FLAM rectificada cilíndrica corta. **Afilado 4 caras**
- Para aceros < 950 N/mm². Velocidad, durabilidad.
- Spiralbohrer HSS FLAM, kurze Serie. **Anschliff 4-seitig**
- Geeignet für Stählen < 950 N/mm². Lebensdauer.
- Cilindrisch, geslepen HSCOB BLADE boor kort. **Verscherpen 4 zijden**
- Boren van roestvast staal (austenitisch). Snelheid en lange levensduur.
- Punta HSS-E5 BLADE cilíndrica corta, Tipo N. **Affilatura 4 listelli**
- Foratura acciai inossidabili austenitici. Velocità e lunga durata.



|      | A                   | B                   | C                   | D                    | E                    | F        | G       | H       | I         | J       | K               | L                       | M                       | N     | O      | ArCo                     | Ti               | P        | X      |          |                                                                 |     |     |    |    |   |   |   |    |  |
|------|---------------------|---------------------|---------------------|----------------------|----------------------|----------|---------|---------|-----------|---------|-----------------|-------------------------|-------------------------|-------|--------|--------------------------|------------------|----------|--------|----------|-----------------------------------------------------------------|-----|-----|----|----|---|---|---|----|--|
| Vc/f | Steels<br>≤ 420 Mpa | Steels<br>> 420 Mpa | Steels<br>≤ 295 Mpa | Steels<br>≤ 1200 Mpa | Steels<br>≤ 1200 Mpa | Ferritic | Marten. | Austen. | Cast. ir. | SG iron | Alu.<br>forging | Cast. alu.<br>all < 10% | Cast. alu.<br>all > 10% | Brass | Bronze | Co or Ni<br>spec. alloys | Titan.<br>alloys | Plastics | Compo. |          |                                                                 |     |     |    |    |   |   |   |    |  |
| Vc   |                     |                     |                     |                      |                      |          |         | 15      |           |         |                 |                         |                         |       |        |                          |                  |          |        |          |                                                                 |     |     |    |    |   |   |   |    |  |
| f2   |                     |                     |                     |                      |                      |          |         | 0.04    |           |         |                 |                         |                         |       |        |                          |                  |          |        |          |                                                                 |     |     |    |    |   |   |   |    |  |
| f5   |                     |                     |                     |                      |                      |          |         | 0.09    |           |         |                 |                         |                         |       |        |                          |                  |          |        |          |                                                                 |     |     |    |    |   |   |   |    |  |
| f10  |                     |                     |                     |                      |                      |          |         | 0.21    |           |         |                 |                         |                         |       |        |                          |                  |          |        |          |                                                                 |     |     |    |    |   |   |   |    |  |
| f15  |                     |                     |                     |                      |                      |          |         | 0.28    |           |         |                 |                         |                         |       |        |                          |                  |          |        |          |                                                                 |     |     |    |    |   |   |   |    |  |
| R    | Ø                   | d2                  | L                   | I1                   | I2                   | B        | P       | S       | T         | R       | Ø               | d2                      | L                       | I1    | I2     | B                        | P                | S        | T      | R        | Ø                                                               | d2  | L   | I1 | I2 | B | P | S | T  |  |
| 0100 | 1                   | 1                   | 34                  | 12                   |                      | 1        |         |         |           | 0380    | 3.8             | 3.8                     | 75                      | 43    |        | x                        | 1                |          |        | 0660     | 6.6                                                             | 6.6 | 101 | 63 |    | x | 1 |   |    |  |
| 0110 | 1.1                 | 1.1                 | 36                  | 14                   |                      | 1        |         |         |           | 0390    | 3.9             | 3.9                     | 75                      | 43    |        | x                        | 1                |          |        | 0670     | 6.7                                                             | 6.7 | 101 | 63 |    | x | 1 |   |    |  |
| 0120 | 1.2                 | 1.2                 | 38                  | 16                   |                      | 1        |         |         |           | 0400    | 4               | 4                       | 75                      | 43    |        | x                        | 1                | 1        | 10     | 0680     | 6.8                                                             | 6.8 | 109 | 69 |    | x | 1 |   |    |  |
| 0130 | 1.3                 | 1.3                 | 38                  | 16                   |                      | 1        |         |         |           | 0410    | 4.1             | 4.1                     | 75                      | 43    |        | x                        | 1                |          |        | 0690     | 6.9                                                             | 6.9 | 109 | 69 |    | x | 1 |   |    |  |
| 0140 | 1.4                 | 1.4                 | 40                  | 18                   |                      | 1        |         |         |           | 0420    | 4.2             | 4.2                     | 75                      | 43    |        | x                        | 1                | 1        | 10     | 0700     | 7                                                               | 7   | 109 | 69 |    | x | 1 | 1 | 10 |  |
| 0150 | 1.5                 | 1.5                 | 40                  | 18                   |                      | 1        |         |         |           | 0430    | 4.3             | 4.3                     | 80                      | 47    |        | x                        | 1                |          |        | 0710     | 7.1                                                             | 7.1 | 109 | 69 |    | x | 1 |   |    |  |
| 0160 | 1.6                 | 1.6                 | 43                  | 20                   |                      | 1        |         |         |           | 0440    | 4.4             | 4.4                     | 80                      | 47    |        | x                        | 1                |          |        | 0720     | 7.2                                                             | 7.2 | 109 | 69 |    | x | 1 |   |    |  |
| 0170 | 1.7                 | 1.7                 | 43                  | 20                   |                      | 1        |         |         |           | 0450    | 4.5             | 4.5                     | 80                      | 47    |        | x                        | 1                | 1        | 10     | 0730     | 7.3                                                             | 7.3 | 109 | 69 |    | x | 1 |   |    |  |
| 0180 | 1.8                 | 1.8                 | 46                  | 22                   |                      | 1        |         |         |           | 0460    | 4.6             | 4.6                     | 80                      | 47    |        | x                        | 1                |          |        | 0740     | 7.4                                                             | 7.4 | 109 | 69 |    | x | 1 |   |    |  |
| 0190 | 1.9                 | 1.9                 | 46                  | 22                   |                      | 1        |         |         |           | 0470    | 4.7             | 4.7                     | 80                      | 47    |        | x                        | 1                |          |        | 0750     | 7.5                                                             | 7.5 | 109 | 69 |    | x | 1 | 1 | 10 |  |
| 0200 | 2                   | 2                   | 49                  | 24                   |                      | 1        |         |         |           | 0480    | 4.8             | 4.8                     | 86                      | 52    |        | x                        | 1                |          |        | 0760     | 7.6                                                             | 7.6 | 117 | 75 |    | x | 1 |   |    |  |
| 0210 | 2.1                 | 2.1                 | 49                  | 24                   |                      | 1        |         |         |           | 0490    | 4.9             | 4.9                     | 86                      | 52    |        | x                        | 1                |          |        | 0770     | 7.7                                                             | 7.7 | 117 | 75 |    | x | 1 |   |    |  |
| 0220 | 2.2                 | 2.2                 | 53                  | 27                   |                      | 1        |         |         |           | 0500    | 5               | 5                       | 86                      | 52    |        | x                        | 1                | 1        | 10     | 0780     | 7.8                                                             | 7.8 | 117 | 75 |    | x | 1 |   |    |  |
| 0230 | 2.3                 | 2.3                 | 53                  | 27                   |                      | 1        |         |         |           | 0510    | 5.1             | 5.1                     | 86                      | 52    |        | x                        | 1                |          |        | 0790     | 7.9                                                             | 7.9 | 117 | 75 |    | x | 1 |   |    |  |
| 0240 | 2.4                 | 2.4                 | 57                  | 30                   |                      | 1        |         |         |           | 0520    | 5.2             | 5.2                     | 86                      | 52    |        | x                        | 1                | 1        | 10     | 0800     | 8                                                               | 8   | 117 | 75 |    | x | 1 | 1 | 10 |  |
| 0250 | 2.5                 | 2.5                 | 57                  | 30                   |                      | 1        |         |         |           | 0530    | 5.3             | 5.3                     | 86                      | 52    |        | x                        | 1                |          |        | 0810     | 8.1                                                             | 8.1 | 117 | 75 |    | x | 1 |   |    |  |
| 0260 | 2.6                 | 2.6                 | 57                  | 30                   |                      | 1        |         |         |           | 0540    | 5.4             | 5.4                     | 93                      | 57    |        | x                        | 1                |          |        | 0820     | 8.2                                                             | 8.2 | 117 | 75 |    | x | 1 |   |    |  |
| 0270 | 2.7                 | 2.7                 | 61                  | 33                   |                      | 1        |         |         |           | 0550    | 5.5             | 5.5                     | 93                      | 57    |        | x                        | 1                | 1        | 10     | 0830     | 8.3                                                             | 8.3 | 117 | 75 |    | x | 1 |   |    |  |
| 0280 | 2.8                 | 2.8                 | 61                  | 33                   |                      | 1        |         |         |           | 0560    | 5.6             | 5.6                     | 93                      | 57    |        | x                        | 1                |          |        | 0840     | 8.4                                                             | 8.4 | 117 | 75 |    | x | 1 |   |    |  |
| 0290 | 2.9                 | 2.9                 | 61                  | 33                   |                      | 1        |         |         |           | 0570    | 5.7             | 5.7                     | 93                      | 57    |        | x                        | 1                |          |        | 0850     | 8.5                                                             | 8.5 | 117 | 75 |    | x | 1 | 1 |    |  |
| 0300 | 3                   | 3                   | 61                  | 33                   |                      | x        | 1       | 1       | 10        | 0580    | 5.8             | 5.8                     | 93                      | 57    |        | x                        | 1                |          |        | 0860     | 8.6                                                             | 8.6 | 125 | 81 |    | x | 1 |   |    |  |
| 0310 | 3.1                 | 3.1                 | 65                  | 36                   |                      | x        | 1       |         |           | 0590    | 5.9             | 5.9                     | 93                      | 57    |        | x                        | 1                |          |        | 0870     | 8.7                                                             | 8.7 | 125 | 81 |    | x | 1 |   |    |  |
| 0320 | 3.2                 | 3.2                 | 65                  | 36                   |                      | x        | 1       | 1       | 10        | 0600    | 6               | 6                       | 93                      | 57    |        | x                        | 1                | 1        | 10     | 0880     | 8.8                                                             | 8.8 | 125 | 81 |    | x | 1 |   |    |  |
| 0330 | 3.3                 | 3.3                 | 65                  | 36                   |                      | x        | 1       |         |           | 0610    | 6.1             | 6.1                     | 101                     | 63    |        | x                        | 1                |          |        | 0890     | 8.9                                                             | 8.9 | 125 | 81 |    | x | 1 |   |    |  |
| 0340 | 3.4                 | 3.4                 | 70                  | 39                   |                      | x        | 1       |         |           | 0620    | 6.2             | 6.2                     | 101                     | 63    |        | x                        | 1                |          |        | 0900     | 9                                                               | 9   | 125 | 81 |    | x | 1 | 1 |    |  |
| 0350 | 3.5                 | 3.5                 | 70                  | 39                   |                      | x        | 1       | 1       | 10        | 0630    | 6.3             | 6.3                     | 101                     | 63    |        | x                        | 1                |          |        | 0910     | 9.1                                                             | 9.1 | 125 | 81 |    | x | 1 |   |    |  |
| 0360 | 3.6                 | 3.6                 | 70                  | 39                   |                      | x        | 1       |         |           | 0640    | 6.4             | 6.4                     | 101                     | 63    |        | x                        | 1                |          |        | 0920     | 9.2                                                             | 9.2 | 125 | 81 |    | x | 1 |   |    |  |
| 0370 | 3.7                 | 3.7                 | 70                  | 39                   |                      | x        | 1       |         |           | 0650    | 6.5             | 6.5                     | 101                     | 63    |        | x                        | 1                | 1        | 10     | 0930     | 9.3                                                             | 9.3 | 125 | 81 |    | x | 1 |   |    |  |
|      |                     |                     |                     |                      |                      |          |         |         |           |         |                 |                         |                         |       |        |                          |                  |          |        | <b>B</b> | Blade coated/révetu.                                            |     |     |    |    |   |   |   |    |  |
|      |                     |                     |                     |                      |                      |          |         |         |           |         |                 |                         |                         |       |        |                          |                  |          |        | <b>P</b> | Pack. Pièces/pièces.                                            |     |     |    |    |   |   |   |    |  |
|      |                     |                     |                     |                      |                      |          |         |         |           |         |                 |                         |                         |       |        |                          |                  |          |        | <b>S</b> | Sleeve/poche/paques, Pièces/pièces.                             |     |     |    |    |   |   |   |    |  |
|      |                     |                     |                     |                      |                      |          |         |         |           |         |                 |                         |                         |       |        |                          |                  |          |        | <b>T</b> | Tube. Pièces/pièces.                                            |     |     |    |    |   |   |   |    |  |
|      |                     |                     |                     |                      |                      |          |         |         |           |         |                 |                         |                         |       |        |                          |                  |          |        | <b>i</b> | Ø < 3 mm uncoated/non revêtu.<br>Ø > 14 mm uncoated/non revêtu. |     |     |    |    |   |   |   |    |  |

**B** Blade coated/revêtu.  
**P** Pack. Pièces/pièces.  
**S** Sleeve/pochette. Pièces/pièces.  
**T** Tube. Pièces/pièces.  
**i** Ø < 3 mm uncoated/non revêtu.  
 Ø > 14 mm uncoated/non revêtu.