

**117/356**

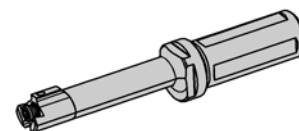
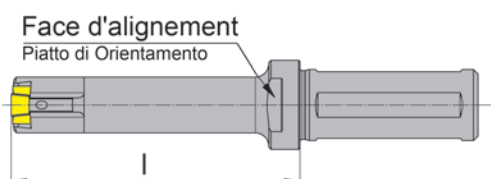
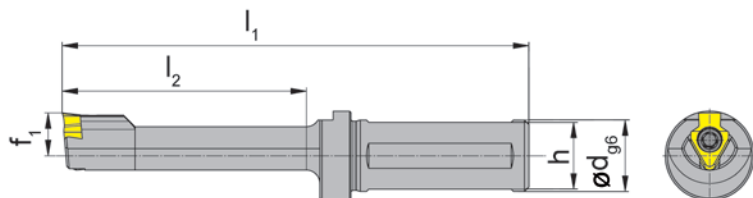
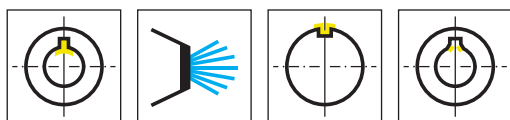


**Porte outils et plaquettes**

Ø Alésage à partir de 13,5 mm

**Portainserito e inserti**

Foro-Ø da 13,5 mm



| Número de commande<br>Codice prodotto | d  | h  | l   | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | Forme<br>Forma | HWS     |
|---------------------------------------|----|----|-----|----------------|----------------|------------------|----------------|----------------|---------|
| SHM117.1416.3.08*                     | 16 | 15 | 65  | 105            | 55             | 14               | 9,6            | F              | 117F805 |
| SH117.1425.1.3.08.IK                  | 25 | 23 | 32  | 82             | 20             | 14               | 9,6            | G              | 117G805 |
| SH117.1425.2.3.08.IK                  | 25 | 23 | 41  | 91             | 30             | 14               | 9,6            | G              | 117G805 |
| SH117.1425.3.3.08.IK                  | 25 | 23 | 51  | 101            | 40             | 14               | 9,6            | G              | 117G805 |
| SH117.1425.1.08.IK                    | 25 | 23 | 42  | 92             | 30             | 14               | 9,6            | F              | 117F805 |
| SH117.1425.2.08.IK                    | 25 | 23 | 52  | 102            | 40             | 14               | 9,6            | F              | 117F805 |
| SH117.1425.3.08.IK                    | 25 | 23 | 81  | 131            | 70             | 14               | 9,6            | F              | 117F805 |
| SH117.1425.4.08.IK                    | 25 | 23 | 96  | 146            | 85             | 14               | 9,6            | F              | 117F805 |
| SH117.1725.1.10.IK                    | 25 | 23 | 53  | 103            | 40             | 17               | 9,5            | A              | 117A005 |
| SH117.1725.2.10.IK                    | 25 | 23 | 68  | 118            | 55             | 17               | 9,5            | A              | 117A005 |
| SH117.1725.3.10.IK                    | 25 | 23 | 83  | 133            | 70             | 17               | 9,5            | A              | 117A005 |
| SH117.1725.4.10.IK                    | 25 | 23 | 98  | 148            | 85             | 17               | 9,5            | A              | 117A005 |
| SH117.1725.5.10.IK                    | 25 | 23 | 113 | 163            | 100            | 17               | 9,5            | A              | 117A005 |
| SH117.0025.1.10.IK                    | 25 | 23 | 63  | 113            | 50             | 22               | 12             | B              | 117B005 |
| SH117.0025.2.10.IK                    | 25 | 23 | 83  | 133            | 70             | 22               | 12             | B              | 117B005 |
| SH117.0025.3.10.IK                    | 25 | 23 | 103 | 153            | 90             | 22               | 12             | B              | 117B005 |
| SH117.0025.4.10.IK                    | 25 | 23 | 123 | 173            | 110            | 22               | 12             | B              | 117B005 |
| SH117.0025.5.10.IK                    | 25 | 23 | 143 | 193            | 130            | 22               | 12             | B              | 117B005 |

Le raccord du liquide de coupe G1/8 ne fait pas partie de la référence. Merci de le commander séparément.  
L'adduttore del refrigerante G1/8 va ordinato separatamente!

\*Matière du corps : alliage de tungstène (donne une bonne résistance aux vibrations)

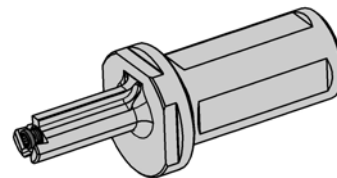
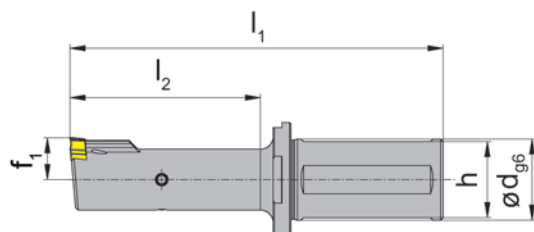
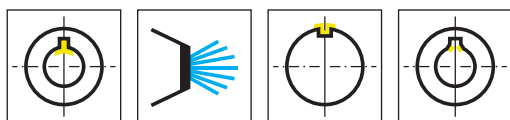
\*Gambo in lega di tungsteno per conferire una buona resistenza alle vibrazioni

X

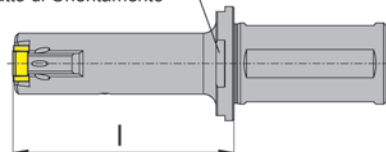
## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117...08.IK               | 030.3509.T15P                       | T15PQ                                         |
| SH117...10.IK               | 4.09T15P                            | T15PQ                                         |
| SH117...16.IK               | 5.12T20P                            | T20PQ                                         |
| SHM117.1416.3.08            | 030.350P.0709                       | T15PQ                                         |



Face d'alignement  
Piatto di Orientamento



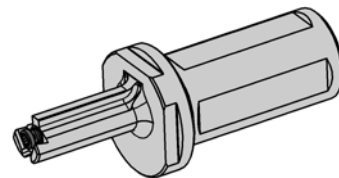
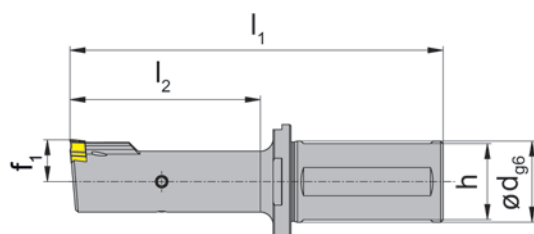
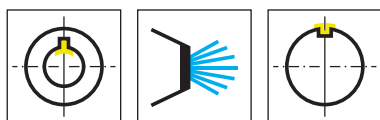
| Número de commande<br>Codice prodotto | d  | h  | l   | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | Forme<br>Forma | HWS     |
|---------------------------------------|----|----|-----|----------------|----------------|------------------|----------------|----------------|---------|
| SH117.0032.1.16.IK                    | 32 | 30 | 63  | 123            | 50             | 38               | 22             | D              | 117D605 |
| SH117.0032.2.16.IK                    | 32 | 30 | 88  | 148            | 75             | 38               | 22             | D              | 117D605 |
| SH117.0032.3.16.IK                    | 32 | 30 | 113 | 173            | 100            | 38               | 22             | D              | 117D605 |
| SH117.0032.4.16.IK                    | 32 | 30 | 138 | 198            | 125            | 38               | 22             | D              | 117D605 |
| SH117.0032.5.16.IK                    | 32 | 30 | 163 | 223            | 150            | 38               | 22             | D              | 117D605 |
| SH117.0032.6.16.IK                    | 32 | 30 | 188 | 248            | 175            | 38               | 22             | D              | 117D605 |
| SH117.0032.7.16.IK                    | 32 | 30 | 213 | 293            | 200            | 38               | 22             | D              | 117D605 |
| SH117.3032.1.16.IK                    | 32 | 30 | 63  | 123            | 50             | 30               | 16,5           | C              | 117C605 |
| SH117.3032.2.16.IK                    | 32 | 30 | 88  | 148            | 75             | 30               | 16,5           | C              | 117C605 |
| SH117.3032.3.16.IK                    | 32 | 30 | 113 | 173            | 100            | 30               | 16,5           | C              | 117C605 |
| SH117.3032.4.16.IK                    | 32 | 30 | 138 | 198            | 125            | 30               | 16,5           | C              | 117C605 |
| SH117.3032.5.16.IK                    | 32 | 30 | 163 | 223            | 150            | 30               | 16,5           | C              | 117C605 |
| SH117.3032.6.16.IK                    | 32 | 30 | 188 | 248            | 175            | 30               | 16,5           | C              | 117C605 |

Le raccord du liquide de coupe G1/8 ne fait pas partie de la référence. Merci de le commander séparément.  
L'adduttore del refrigerante G1/8 va ordinato separatamente!

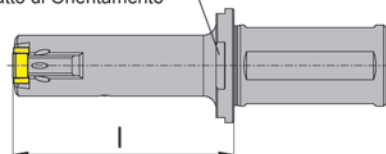
## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117...                    | 5.12T20P                            | T20PQ                                         |



Face d'alignement  
Piatto di Orientamento



| Número de commande<br>Codice prodotto | d  | h  | l   | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | Forme<br>Forma | HWS     |
|---------------------------------------|----|----|-----|----------------|----------------|------------------|----------------|----------------|---------|
| SH117.4032.1.16.IK                    | 32 | 30 | 63  | 123            | 50             | 40               | 21,5           | E              | 117E605 |
| SH117.4032.2.16.IK                    | 32 | 30 | 88  | 148            | 75             | 40               | 21,5           | E              | 117E605 |
| SH117.4032.3.16.IK                    | 32 | 30 | 113 | 173            | 100            | 40               | 21,5           | E              | 117E605 |
| SH117.4032.4.16.IK                    | 32 | 30 | 138 | 198            | 125            | 40               | 21,5           | E              | 117E605 |
| SH117.4032.5.16.IK                    | 32 | 30 | 163 | 223            | 150            | 40               | 21,5           | E              | 117E605 |
| SH117.4032.6.16.IK                    | 32 | 30 | 188 | 248            | 175            | 40               | 21,5           | E              | 117E605 |
| SH117.4032.7.16.IK                    | 32 | 30 | 213 | 293            | 200            | 40               | 21,5           | E              | 117E605 |
| SH117.4032.1.20.IK                    | 32 | 30 | 63  | 123            | 50             | 40               | 21             | H              | 117H005 |
| SH117.4032.2.20.IK                    | 32 | 30 | 113 | 173            | 100            | 40               | 21             | H              | 117H005 |
| SH117.4032.3.20.IK                    | 32 | 30 | 163 | 223            | 150            | 40               | 21             | H              | 117H005 |
| SH117.5040.1.20.IK                    | 40 | 38 | 65  | 125            | 50             | 50               | 26,5           | I              | 117I005 |
| SH117.5040.2.20.IK                    | 40 | 38 | 115 | 175            | 100            | 50               | 26,5           | I              | 117I005 |
| SH117.5040.3.20.IK                    | 40 | 38 | 165 | 225            | 150            | 50               | 26,5           | I              | 117I005 |
| SH117.5040.4.20.IK                    | 40 | 38 | 215 | 295            | 200            | 50               | 26,5           | I              | 117I005 |

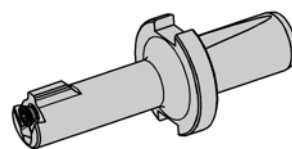
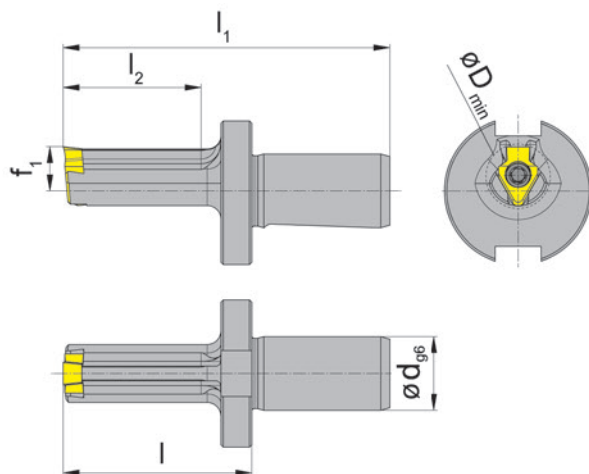
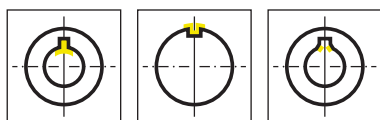
Le raccord du liquide de coupe G1/8 ne fait pas partie de la référence. Merci de le commander séparément.  
L'adduttore del refrigerante G1/8 va ordinato separatamente!

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## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.4032...               | 5.12T20P                            | T20PQ                                         |
| SH117...                    | 6.17T20P                            | T20PQ                                         |



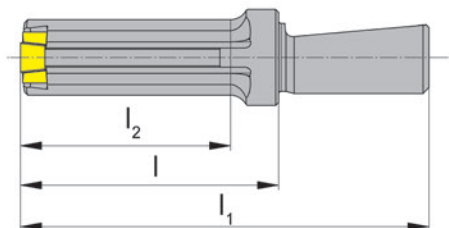
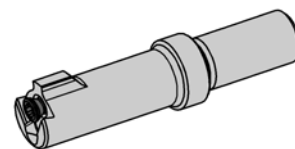
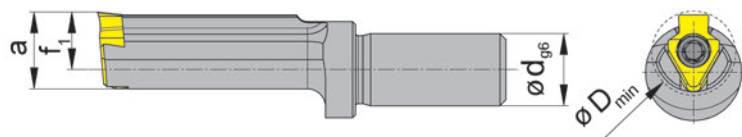
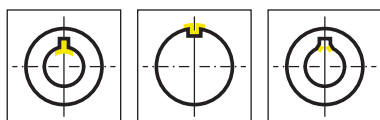
| Número de commande<br>Codice prodotto | d  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | Forme<br>Forma | HWS     | HMS  |
|---------------------------------------|----|----|----------------|----------------|------------------|----------------|----------------|---------|------|
| SH117.1416.E1.08                      | 16 | 46 | 76             | 35             | 14               | 9,6            | F              | 117F805 | Benz |
| SH117.1716.E0.10                      | 16 | 31 | 61             | 20             | 17               | 9,5            | A              | 117A005 | Benz |
| SH117.1716.E1.10                      | 16 | 43 | 73             | 35             | 17               | 9,5            | A              | 117A005 | Benz |
| SH117.1716.E2.10                      | 16 | 51 | 81             | 40             | 17               | 9,5            | A              | 117A005 | Benz |
| SH117.1716.E3.10                      | 16 | 64 | 94             | 53             | 17               | 9,5            | A              | 117A005 | Benz |
| SH117.0016.E1.10                      | 16 | 43 | 73             | 35             | 22               | 12             | B              | 117B005 | Benz |
| SH117.0016.E2.10                      | 16 | 51 | 81             | 40             | 22               | 12             | B              | 117B005 | Benz |
| SH117.0016.E3.10                      | 16 | 64 | 94             | 53             | 22               | 12             | B              | 117B005 | Benz |

Seulement utilisable pour les dispositifs de brochage EWS, BENZ LinA  
Utilizzabile solamente con unità a stozzare EWS, BENZ LinA

## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.1416.E1.08            | 030.3509.T15P                       | T15PQ                                         |
| SH117...                    | 4.09T15P                            | T15PQ                                         |



| Número de commande<br>Codice prodotto | d  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a     | Forme<br>Forma | HWS     | HMS       |
|---------------------------------------|----|----|----------------|----------------|------------------|----------------|-------|----------------|---------|-----------|
| <b>SH117.1412.S1.08</b>               | 12 | 33 | 58             | 25             | 14               | 9,6            | 12,8  | F              | 117F805 | Schwarzer |
| <b>SH117.1412.S2.08</b>               | 12 | 43 | 68             | 35             | 14               | 9,6            | 12,8  | F              | 117F805 | Schwarzer |
| <b>H117.1712.1439</b>                 | 12 | 33 | 58             | 25             | 17               | 9,5            | 16    | A              | 117A005 | Schwarzer |
| <b>H117.1712.1407</b>                 | 12 | 43 | 68             | 35             | 17               | 9,5            | 16    | A              | 117A005 | Schwarzer |
| <b>H117.2212.1441</b>                 | 12 | 33 | 58             | 25             | 22               | 12             | 20,75 | B              | 117B005 | Schwarzer |
| <b>H117.2212.1442</b>                 | 12 | 43 | 68             | 35             | 22               | 12             | 20,75 | B              | 117B005 | Schwarzer |
| <b>H117.3012.1440</b>                 | 12 | 33 | 58             | 25             | 30               | 16,5           | 28,5  | C              | 117C605 | Schwarzer |
| <b>H117.3012.1419</b>                 | 12 | 43 | 68             | 35             | 30               | 16,5           | 28,5  | C              | 117C605 | Schwarzer |

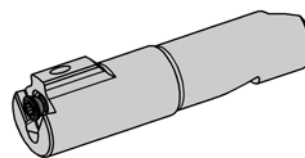
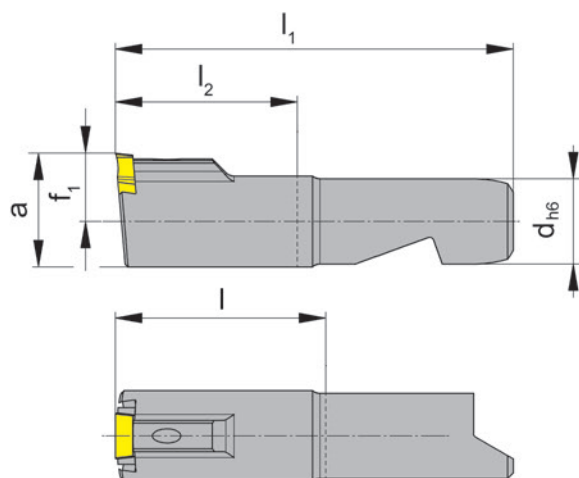
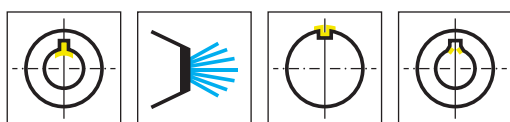
Pour les dispositifs de brochage Schwarzer  
Per Unità a Stozzare Schwarzer

**X**

## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.1412....              | <b>030.3509.T15P</b>                | <b>T15PQ</b>                                  |
| H117...                     | <b>4.09T15P</b>                     | <b>T15PQ</b>                                  |
| H117.3012.1...              | <b>5.12T20P</b>                     | <b>T20PQ</b>                                  |



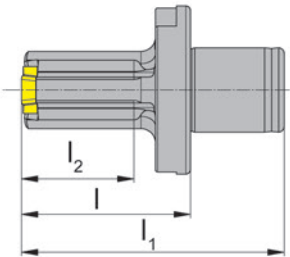
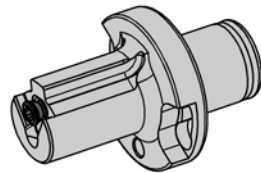
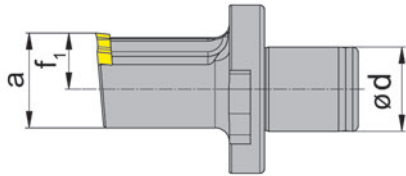
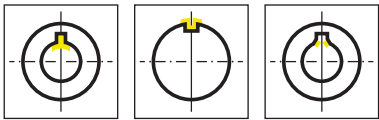
| Número de commande<br>Codice prodotto | d  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a    | Forme<br>Forma | HWS     | HMS       |
|---------------------------------------|----|----|----------------|----------------|------------------|----------------|------|----------------|---------|-----------|
| SH117.0932.S.08                       | 15 | 37 | 70             | 32             | 14               | 9,6            | 12,8 | F              | 117F805 | Schwarzer |
| SH117.1532.S.10                       | 15 | 37 | 70             | 32             | 22               | 12             | 20   | B              | 117B005 | Schwarzer |
| SH117.1538.S.16                       | 15 | 43 | 76             | 38             | 30               | 15             | 24   | C              | 117C605 | Schwarzer |
| SH117.1544.S.16                       | 15 | 49 | 82             | 44             | 30               | 15             | 24   | C              | 117C605 | Schwarzer |

Pour les dispositifs de brochage Schwarzer „2 sur 1“  
Per Unità a Stozzare Schwarzer „2in1“

## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.0932.S.08             | 030.3509.T15P                       | T15PQ                                         |
| SH117.1532.S.10             | 4.09T15P                            | T15PQ                                         |
| SH117.1...                  | 5.12T20P                            | T20PQ                                         |



| Número de commande<br>Codice prodotto | d  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a     | Forme<br>Forma | HWS     | HMS  |
|---------------------------------------|----|----|----------------|----------------|------------------|----------------|-------|----------------|---------|------|
| SH117.2218.A1.10                      | 18 | 36 | 56             | 24             | 22               | 12             | 20,25 | B              | 117B005 | AR2P |
| SH117.2218.A2.10                      | 18 | 44 | 64             | 33             | 22               | 12             | 20,25 | B              | 117B005 | AR2P |
| SH117.2218.A3.10                      | 18 | 55 | 75             | 44             | 22               | 12             | 20,25 | B              | 117B005 | AR2P |

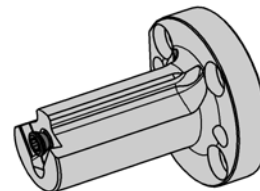
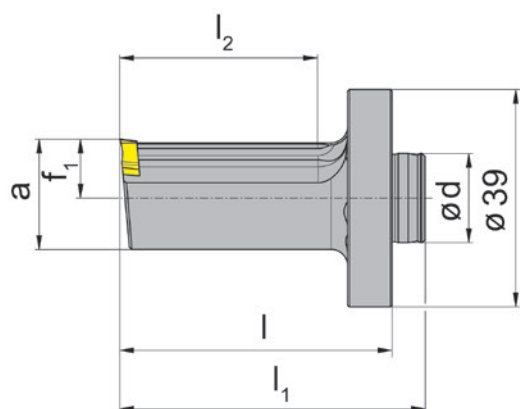
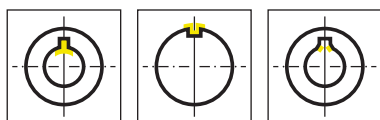
Pour les dispositifs de brochage AP2R/AP3R  
Per Unità a Stozzare AP2R/AP3R

X

Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117...                    | 4.09T15P                            | T15PQ                                         |



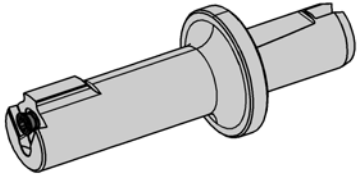
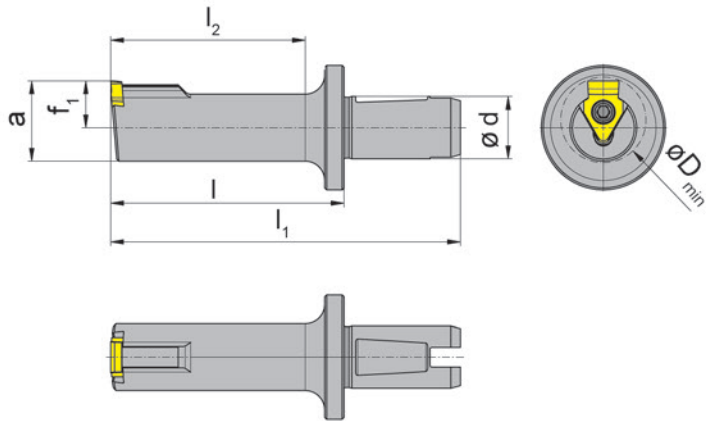
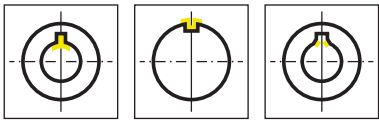
| Numéro de commande<br>Codice prodotto | d  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a     | Forme<br>Forma | HWS     | HMS    |
|---------------------------------------|----|----|----------------|----------------|------------------|----------------|-------|----------------|---------|--------|
| SH117.1416.W1.08                      | 16 | 47 | 53             | 35             | 14               | 9,6            | 12,8  | F              | 117F805 | WTO-32 |
| SH117.1716.W1.10                      | 16 | 49 | 55             | 35             | 17               | 8,3            | 15,1  | A              | 117A005 | WTO-32 |
| SH117.2216.W1.10                      | 16 | 49 | 55             | 35             | 22               | 10,6           | 19,8  | B              | 117B005 | WTO-32 |
| SH117.2616.W1.16                      | 16 | 49 | 55             | 35             | 26               | 12,6           | 23,5  | C              | 117C605 | WTO-32 |
| SH117.1416.W2.08                      | 16 | 67 | 73             | 55             | 14               | 9,6            | 12,8  | F              | 117F805 | WTO-52 |
| SH117.1716.W2.10                      | 16 | 67 | 73             | 55             | 17               | 8,3            | 15,1  | A              | 117A005 | WTO-52 |
| SH117.2216.W2.10                      | 16 | 67 | 73             | 55             | 22               | 10,6           | 20,05 | B              | 117B005 | WTO-52 |
| SH117.2616.W2.16                      | 16 | 67 | 73             | 55             | 26               | 12,6           | 23,5  | C              | 117C605 | WTO-52 |
| SH117.1714.W3.10                      | 14 | 38 | 44             | 28             | 17               | 8,6            | 15,1  | A              | 117A005 | WTO-26 |

Pour les dispositifs de brochage WTO  
Per Unità a Stozzare WTO

## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.1416....              | 030.3509.T15P                       | T15PQ                                         |
| SH117...                    | 4.09T15P                            | T15PQ                                         |
| SH117.2616....              | 5.12T20P                            | T20PQ                                         |

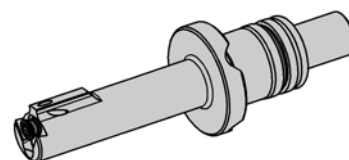
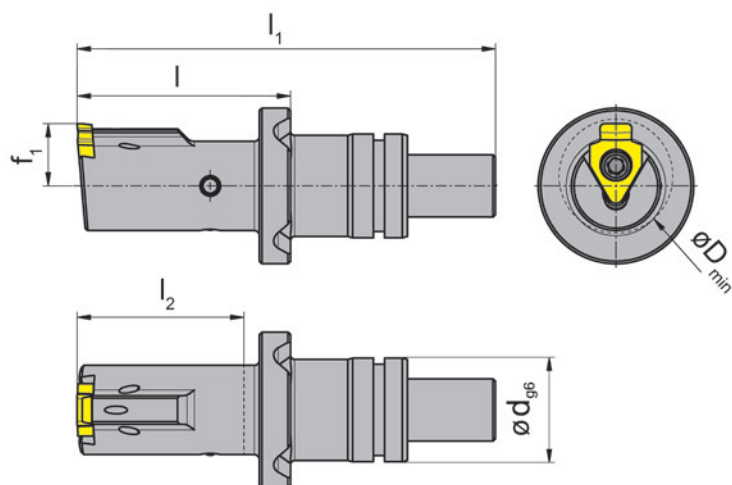
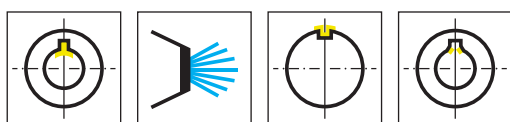


| Numéro de commande<br>Codice prodotto | d  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a    | Forme<br>Forma | HWS     | HMS |
|---------------------------------------|----|----|----------------|----------------|------------------|----------------|------|----------------|---------|-----|
| SH117.1716.MT2.10                     | 16 | 60 | 90             | 50             | 17               | 9,5            | 16   | A              | 117A005 | MT  |
| SH117.2216.MT2.10                     | 16 | 60 | 90             | 50             | 22               | 12             | 20,6 | B              | 117B005 | MT  |
| SH117.3016.MT2.16                     | 16 | 58 | 88             | 50             | 30               | 16,5           | 28,5 | C              | 117C605 | MT  |

X

Pièces Détachées  
Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117...                    | 4.09T15P                            | T15PQ                                         |
| SH117.3016.MT2.16           | 5.12T20P                            | T20PQ                                         |



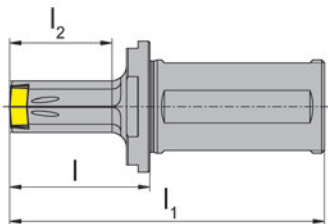
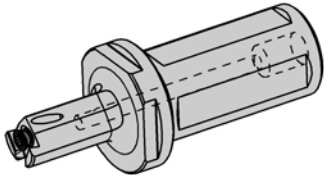
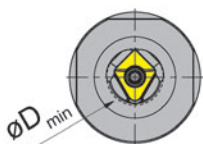
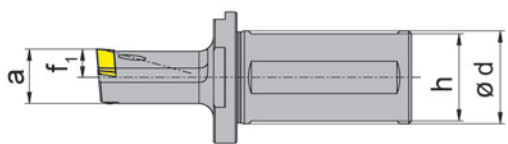
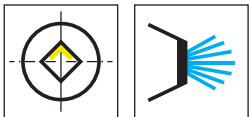
| Número de commande<br>Codice prodotto | d  | l    | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | Forme<br>Forma | HWS     | HMS  |
|---------------------------------------|----|------|----------------|----------------|------------------|----------------|----------------|---------|------|
| SH117.1420.E5.08.IK                   | 20 | 42,5 | 82             | 32             | 14               | 9,6            | F              | 117F805 | Benz |
| SH117.1420.E6.08.IK                   | 20 | 60,7 | 100,2          | 51             | 14               | 9,6            | F              | 117F805 | Benz |
| SH117.1720.E5.10.IK                   | 20 | 41   | 80,5           | 32             | 17               | 9,5            | A              | 117A005 | Benz |
| SH117.1720.E6.10.IK                   | 20 | 60   | 99,5           | 51             | 17               | 9,5            | A              | 117A005 | Benz |
| SH117.2220.E5.10.IK                   | 20 | 41   | 80,5           | 32             | 22               | 12             | B              | 117B005 | Benz |
| SH117.2220.E6.10.IK                   | 20 | 60   | 99,5           | 51             | 22               | 12             | B              | 117B005 | Benz |
| SH117.3020.E5.16.IK                   | 20 | 41   | 80,5           | 32             | 30               | 16,5           | C              | 117C605 | Benz |
| SH117.3020.E6.16.IK                   | 20 | 60   | 99,5           | 51             | 30               | 16,5           | C              | 117C605 | Benz |

Seulement utilisable pour les dispositifs de brochage EWSP20, BENZ LinA 4.0 avec IK  
Utilizzabile solamente con unità a stozzare EWSP20, BENZ LinA 4.0 con IK

## Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.1420....              | 030.3509.T15P                       | T15PQ                                         |
| SH117...                    | 4.09T15P                            | T15PQ                                         |
| SH117.3020....              | 5.12T20P                            | T20PQ                                         |



| Número de commande<br>Codice prodotto | d  | h  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a     | HWS     |
|---------------------------------------|----|----|----|----------------|----------------|------------------|----------------|-------|---------|
| SH117.1325.SQ.1.08.IK                 | 25 | 23 | 38 | 88             | 25             | 13,5             | 6,5            | 12,8  | 1170805 |
| SH117.1525.SQ.1.10.IK                 | 25 | 23 | 38 | 88             | 25             | 15,5             | 7,5            | 14,65 | 1171005 |
| SH117.1732.SQ.1.12.IK                 | 32 | 30 | 43 | 103            | 30             | 17,5             | 8,5            | 16,5  | 1171205 |
| SH117.1932.SQ.1.16.IK                 | 32 | 30 | 48 | 108            | 35             | 19,5             | 9,7            | 18,7  | 1171605 |

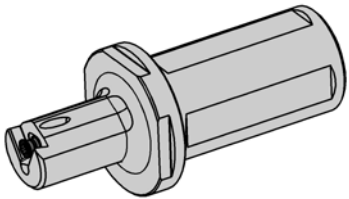
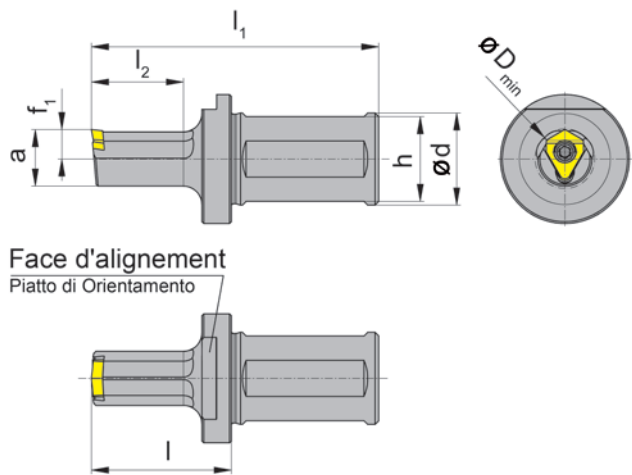
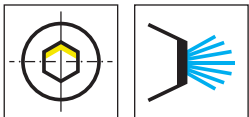
Le raccordo del liquido di coupe G1/8 ne fait pas partie de la référence. Merci de le commander séparément.  
L'adduttore del refrigerante G1/8 va ordinato separatamente!

X

Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.1325.SQ.1.08.IK       | 030.3509.T15P                       | T15PQ                                         |
| SH117....                   | 4.09T15P                            | T15PQ                                         |
| SH117.1932.SQ.1.16.IK       | 5.12T20P                            | T20PQ                                         |



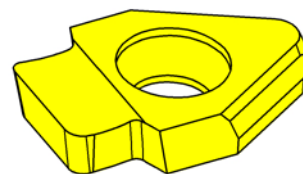
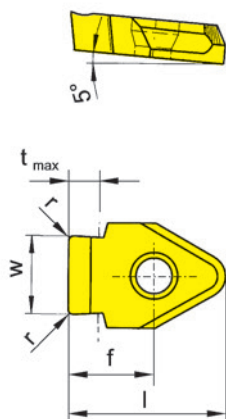
| Número de commande<br>Codice prodotto | d  | h  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a  | HWS     |
|---------------------------------------|----|----|----|----------------|----------------|------------------|----------------|----|---------|
| SH117.1425.30.1.08.IK                 | 25 | 23 | 33 | 83             | 20             | 14,2             | 6,75           | 13 | 1170805 |
| SH117.1625.30.1.10.IK                 | 25 | 23 | 38 | 88             | 25             | 16,2             | 7,75           | 15 | 1171005 |
| SH117.2432.30.1.12.IK                 | 32 | 30 | 43 | 103            | 30             | 24,3             | 11,3           | 22 | 1171205 |
| SH117.3032.30.1.16.IK                 | 32 | 30 | 53 | 113            | 40             | 30,5             | 14,5           | 28 | 1171605 |

Le raccord du liquide de coupe G1/8 ne fait pas partie de la référence. Merci de le commander séparément.  
L'adduttore del refrigerante G1/8 va ordinato separatamente!

Pièces Détachées

Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| SH117.1425.30.1.08.IK       | 030.3509.T15P                       | T15PQ                                         |
| SH117...                    | 4.09T15P                            | T15PQ                                         |
| SH117.3032.30.1.16.IK       | 5.12T20P                            | T20PQ                                         |

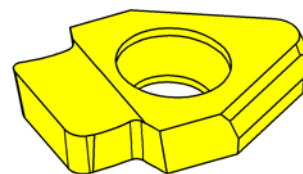
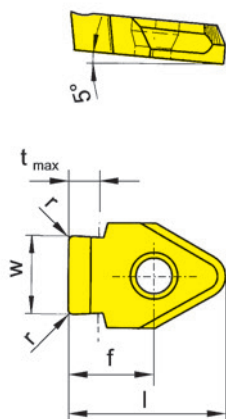


Nuance  
Leghe

▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto                                                | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|--------------------------------------------------------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0412.05.08.A1                                                                   | 4  | 4,12  | 13   | 0,5  | 14               | 2,1              | 6    | F              | 117F805 | ▲    |
| S117.0612.09.10.A1                                                                   | 6  | 6,12  | 16   | 0,85 | 22               | 2,6              | 8    | B              | 117B005 | ▲    |
| S117.0713.11.10.A1                                                                   | 7  | 7,13  | 16   | 1,05 | 22               | 3,3              | 8    | B              | 117B005 | ▲    |
| S117.0813.11.10.A1                                                                   | 8  | 8,13  | 16   | 1,05 | 22               | 3,4              | 8    | B              | 117B005 | ▲    |
| S117.1013.11.14.A1                                                                   | 10 | 10,13 | 20,7 | 1,05 | 30               | 4,2              | 11,2 | C              | 117C605 | ▲    |
| S117.1215.14.14.A1                                                                   | 12 | 12,15 | 20,7 | 1,35 | 38               | 5,1              | 11,2 | D              | 117D605 | ▲    |
| S117.1215.18.14.A1                                                                   | 16 | 12,15 | 20,7 | 1,75 | 38               | 6,6              | 11,2 | D              | 117D605 | ▲    |
| S117.1215.23.14.A1                                                                   | 24 | 12,15 | 20,7 | 2,25 | 38               | 8,5              | 11,2 | D              | 117D605 | ▲    |
| Recommandé pour: Unités de brochage<br>Raccomandato per unità a stozzare motorizzate |    |       |      |      |                  |                  |      |                |         | P ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | M o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | K ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | N ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | S o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | H -  |

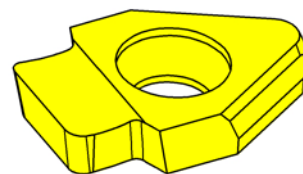
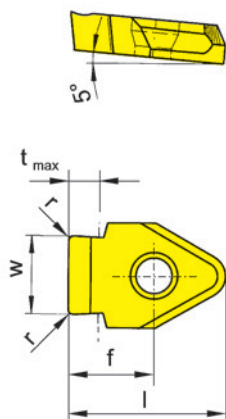


Nuance  
Leghe

▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto                                                | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|--------------------------------------------------------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0305.01.08.A1                                                                   | 3  | 3,05  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0407.01.08.A1                                                                   | 4  | 4,07  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0507.02.08.A1                                                                   | 5  | 5,07  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0507.02.10.A1                                                                   | 5  | 5,07  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0607.02.10.A1                                                                   | 6  | 6,07  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0808.02.10.A1                                                                   | 8  | 8,08  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.1008.03.14.A1                                                                   | 10 | 10,08 | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1210.03.14.A1                                                                   | 12 | 12,1  | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1410.03.16.A1                                                                   | 14 | 14,1  | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| Recommandé pour: Unités de brochage<br>Raccomandato per unità a stozzare motorizzate |    |       |      |      |                  |                  |      |                |         | P ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | M o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | K ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | N ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | S o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | H -  |

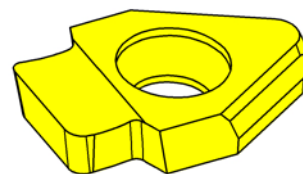
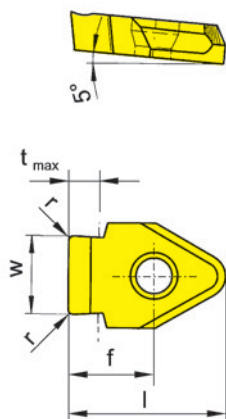


Nuance  
Leghe

▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto                                                | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|--------------------------------------------------------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0302.01.08.A1                                                                   | 3  | 3,02  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0402.01.08.A1                                                                   | 4  | 4,02  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0502.02.08.A1                                                                   | 5  | 5,02  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0502.02.10.A1                                                                   | 5  | 5,02  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0602.02.10.A1                                                                   | 6  | 6,02  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0803.02.10.A1                                                                   | 8  | 8,03  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.1003.03.14.A1                                                                   | 10 | 10,03 | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1203.03.14.A1                                                                   | 12 | 12,04 | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1403.03.16.A1                                                                   | 14 | 14,04 | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| Recommandé pour: Unités de brochage<br>Raccomandato per unità a stozzare motorizzate |    |       |      |      |                  |                  |      |                |         | P ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | M o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | K ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | N ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | S o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | H -  |

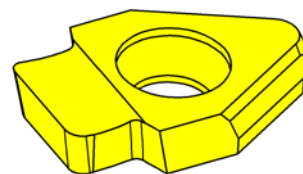
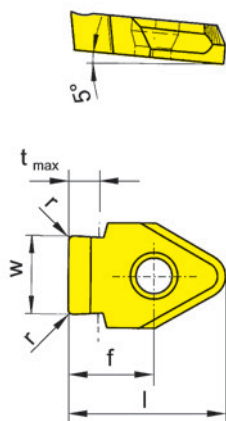


Nuance  
Leghe

▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto                                                | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|--------------------------------------------------------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0298.01.08.A1                                                                   | 3  | 2,99  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0397.01.08.A1                                                                   | 4  | 3,98  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0497.02.08.A1                                                                   | 5  | 4,98  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0497.02.10.A1                                                                   | 5  | 4,98  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0597.02.10.A1                                                                   | 6  | 5,98  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0796.02.10.A1                                                                   | 8  | 7,98  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.0996.03.14.A1                                                                   | 10 | 9,98  | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1196.03.14.A1                                                                   | 12 | 11,97 | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1396.03.16.A1                                                                   | 14 | 13,97 | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| Recommandé pour: Unités de brochage<br>Raccomandato per unità a stozzare motorizzate |    |       |      |      |                  |                  |      |                |         | P ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | M o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | K ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | N ●  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | S o  |
|                                                                                      |    |       |      |      |                  |                  |      |                |         | H -  |



Nuance  
Leghe

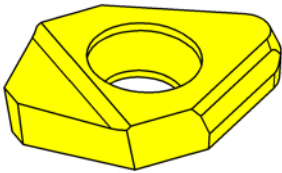
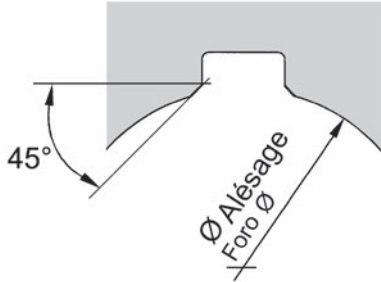
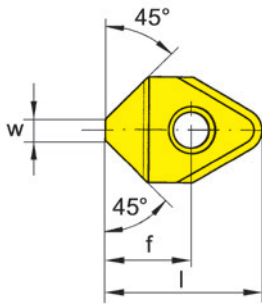
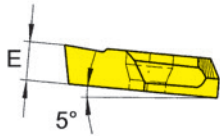
▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|---------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0300.01.08.A1                    | 3  | 3,01  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0400.01.08.A1                    | 4  | 4,01  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0500.02.08.A1                    | 5  | 5,01  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0500.02.10.A1                    | 5  | 5,01  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0600.02.10.A1                    | 6  | 6,01  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0800.02.10.A1                    | 8  | 8,01  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.1000.03.14.A1                    | 10 | 10,01 | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1200.03.14.A1                    | 12 | 12,01 | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1200.05.14.A1                    | 12 | 12    | 20,7 | 0,5  | 38               | 8,5              | 11,2 | D              | 117D605 | ▲    |
| S117.1400.03.16.A1                    | 14 | 14,01 | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |

Recommandé pour: Unités de brochage  
Raccomandato per unità a stozzare motorizzate

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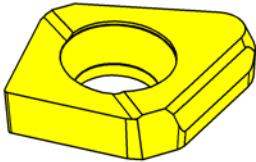
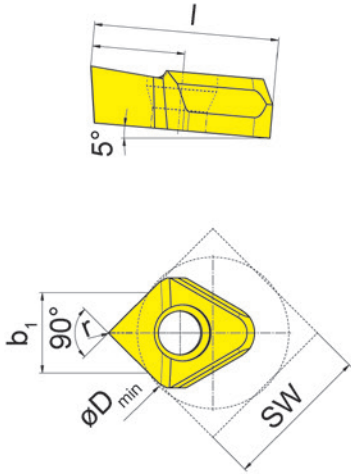
Nuance  
Leghe

▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | w   | l    | D <sub>min</sub> | f    | Forme<br>Forma | HIS               | AN45 |
|---------------------------------------|-----|------|------------------|------|----------------|-------------------|------|
| S117.1545.10.A1                       | 1,5 | 16   | 17               | 8    | A              | 117A005           | ▲    |
| S117.2445.08.A1                       | 2,4 | 13   | 14               | 6    | F              | 117F805           | ▲    |
| S117.3045.10.A1                       | 3   | 16   | 22               | 8    | B              | 117B005           | ▲    |
| S117.6045.14.A1                       | 6   | 20,7 | 30               | 11,2 | C/D            | 117C605 • 117D605 | ▲    |
|                                       |     |      |                  |      |                |                   | P ●  |
|                                       |     |      |                  |      |                |                   | M o  |
|                                       |     |      |                  |      |                |                   | K ●  |
|                                       |     |      |                  |      |                |                   | N ●  |
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Recommandé pour: Unités de brochage  
Raccomandato per unità a stozzare motorizzate

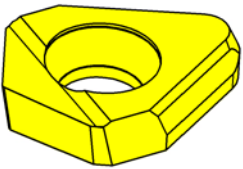
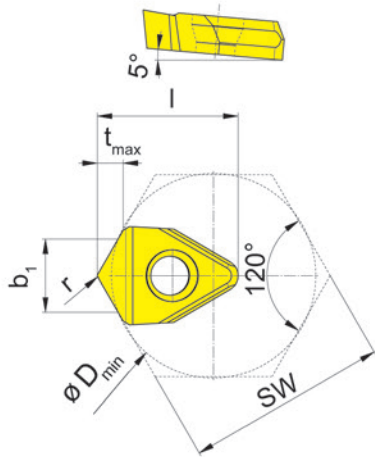


Nuance  
Leghe

▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto                                                | SW    | b <sub>1</sub> | l    | r   | D <sub>min</sub> | Porte outils<br>Portainserito | HIS     | AN45 |
|--------------------------------------------------------------------------------------|-------|----------------|------|-----|------------------|-------------------------------|---------|------|
| S117.SQ.1315.08.A1                                                                   | 13-15 | 6,61-7,84      | 13   | 0,2 | 13,5             | SH117.1325.SQ.1.08.IK         | 1170805 | ▲    |
| S117.SQ.1517.10.A1                                                                   | 15-17 | 7,84-9,08      | 14,8 | 0,2 | 15,5             | SH117.1525.SQ.1.10.IK         | 1171005 | ▲    |
| S117.SQ.1719.12.A1                                                                   | 17-19 | 9,08-10,33     | 16,7 | 0,2 | 17,5             | SH117.1732.SQ.1.12.IK         | 1171205 | ▲    |
| S117.SQ.1922.16.A1                                                                   | 19-22 | 10,33-12,22    | 19   | 0,2 | 19,5             | SH117.1932.SQ.1.16.IK         | 1171605 | ▲    |
| Recommandé pour: Unités de brochage<br>Raccomandato per unità a stozzare motorizzate |       |                |      |     |                  |                               |         | P ●  |
|                                                                                      |       |                |      |     |                  |                               |         | M o  |
|                                                                                      |       |                |      |     |                  |                               |         | K ●  |
|                                                                                      |       |                |      |     |                  |                               |         | N ●  |
|                                                                                      |       |                |      |     |                  |                               |         | S o  |
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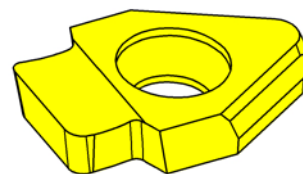
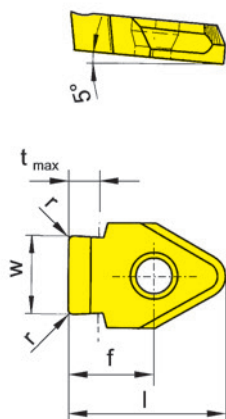
Δ 4 semaines  
4 settimane

| Número de commande<br>Codice prodotto | SW    | b <sub>1</sub> | l    | r   | D <sub>min</sub> | t <sub>max</sub> | Porte outils<br>Portainserito | HIS     | AN45 |
|---------------------------------------|-------|----------------|------|-----|------------------|------------------|-------------------------------|---------|------|
| S117.SW14.08.A1                       | 14-16 | 4,94-5,80      | 13   | 0,2 | 14,2-16,2        | 1,9              | SH117.1425.30.1.08            | 1170805 | ▲    |
| S117.SW16.10.A1                       | 16-22 | 5,80-8,43      | 14   | 0,2 | 16,2-22,2        | 2,5              | SH117.1625.30.1.10            | 1171005 | ▲    |
| S117.SW24.12.A1                       | 24-27 | 8,70-10,00     | 17   | 0,3 | 24,3-27,3        | 3                | SH117.2432.30.1.12            | 1171205 | ▲    |
| S117.SW30.16.A1                       | 30-36 | 11,32-13,97    | 20,7 | 0,3 | 30,3-36,3        | 4,2              | SH117.3032.30.1.16            | 1171605 | ▲    |

Recommandé pour: Unités de brochage  
Raccomandato per unità a stozzare motorizzate

pour porte outils hexagone intérieur  
per portainseriti sedi esagone

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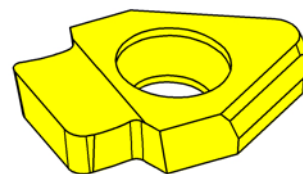
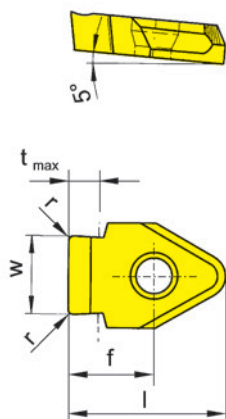
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Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|---------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0310.04.08.B1                    | 3  | 3,1   | 13   | 0,35 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0412.05.08.B1                    | 4  | 4,12  | 13   | 0,5  | 14               | 2,1              | 6    | F              | 117F805 | ▲    |
| S117.0612.09.10.B1                    | 6  | 6,12  | 16   | 0,85 | 22               | 2,6              | 8    | B              | 117B005 | ▲    |
| S117.0713.11.10.B1                    | 7  | 7,13  | 16   | 1,05 | 22               | 3,3              | 8    | B              | 117B005 | ▲    |
| S117.0813.11.10.B1                    | 8  | 8,13  | 16   | 1,05 | 22               | 3,4              | 8    | B              | 117B005 | ▲    |
| S117.1013.11.14.B1                    | 10 | 10,13 | 20,7 | 1,05 | 30               | 4,2              | 11,2 | C              | 117C605 | ▲    |
| S117.1215.14.14.B1                    | 12 | 12,15 | 20,7 | 1,35 | 38               | 5,1              | 11,2 | D              | 117D605 | ▲    |
| S117.1215.18.14.B1                    | 16 | 12,15 | 20,7 | 1,75 | 38               | 6,6              | 11,2 | D              | 117D605 | ▲    |
| S117.1215.23.14.B1                    | 24 | 12,15 | 20,7 | 2,25 | 38               | 8,5              | 11,2 | D              | 117D605 | ▲    |
| S117.1417.14.16.B1                    | 14 | 14,17 | 20,7 | 1,35 | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| S117.1617.18.18.B1                    | 16 | 16,17 | 28,6 | 1,75 | 40               | 6,8              | 15,6 | H              | 117H005 | ▲    |
| S117.1817.18.20.B1                    | 18 | 18,17 | 28,6 | 1,75 | 50               | 7,8              | 15,6 | I              | 117I005 | ▲    |
| S117.2020.20.20.B1                    | 20 | 20,2  | 28,6 | 1,95 | 50               | 7,8              | 15,6 | I              | 117I005 | ▲    |

Recommandé pour: brochage conventionnel  
Raccomandata per stozzatura cnc convenzionale

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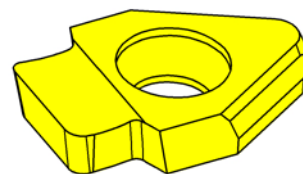
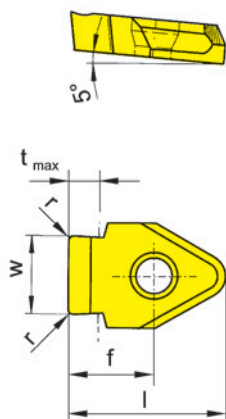
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a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|---------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0305.01.08.B1                    | 3  | 3,05  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0407.01.08.B1                    | 4  | 4,07  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0507.02.08.B1                    | 5  | 5,07  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0507.02.10.B1                    | 5  | 5,07  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0607.02.10.B1                    | 6  | 6,07  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0808.02.10.B1                    | 8  | 8,08  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.1008.03.14.B1                    | 10 | 10,08 | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1210.03.14.B1                    | 12 | 12,1  | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1410.03.16.B1                    | 14 | 14,1  | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| S117.1610.03.18.B1                    | 16 | 16,1  | 26,8 | 0,3  | 40               | 6,8              | 15,4 | H              | 117H005 | ▲    |
| S117.1810.03.20.B1                    | 18 | 18,1  | 26,8 | 0,3  | 50               | 7,8              | 15,6 | I              | 117I005 | ▲    |
| S117.2012.05.20.B1                    | 20 | 20,12 | 26,8 | 0,5  | 50               | 8,5              | 15,6 | I              | 117I005 | ▲    |
|                                       |    |       |      |      |                  |                  |      |                |         | P ●  |
|                                       |    |       |      |      |                  |                  |      |                |         | M o  |
|                                       |    |       |      |      |                  |                  |      |                |         | K ●  |
|                                       |    |       |      |      |                  |                  |      |                |         | N ●  |
|                                       |    |       |      |      |                  |                  |      |                |         | S o  |
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Recommandé pour: brochage conventionnel  
Raccomandata per stozzatura cnc convenzionale



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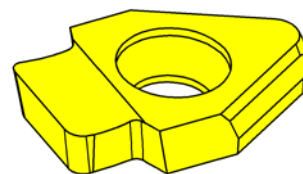
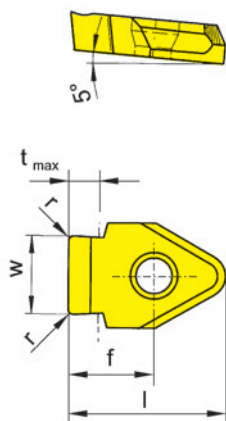
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Δ 4 semaines  
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| Numéro de commande<br>Codice prodotto | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|---------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0302.01.08.B1                    | 3  | 3,02  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0402.01.08.B1                    | 4  | 4,02  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0502.02.08.B1                    | 5  | 5,02  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0502.02.10.B1                    | 5  | 5,02  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0602.02.10.B1                    | 6  | 6,02  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0803.02.10.B1                    | 8  | 8,03  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.1003.03.14.B1                    | 10 | 10,03 | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1203.03.14.B1                    | 12 | 12,04 | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1403.03.16.B1                    | 14 | 14,04 | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| S117.1603.03.18.B1                    | 16 | 16,04 | 28,6 | 0,3  | 40               | 6,8              | 15,6 | H              | 117H005 | ▲    |
| S117.1803.03.20.B1                    | 18 | 18,04 | 28,6 | 0,3  | 50               | 7,8              | 15,6 | I              | 117I005 | ▲    |
| S117.2004.05.20.B1                    | 20 | 20,04 | 28,6 | 0,5  | 50               | 8,5              | 15,6 | I              | 117I005 | ▲    |

Recommandé pour: brochage conventionnel  
Raccomandata per stozzatura cnc convenzionale

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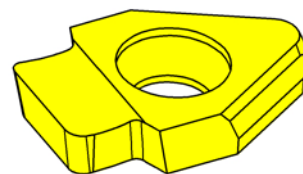
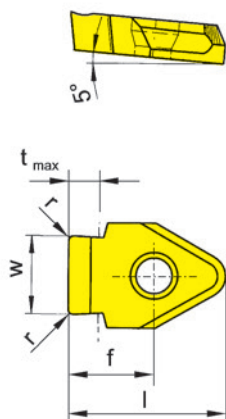
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a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|---------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0298.01.08.B1                    | 3  | 2,99  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0397.01.08.B1                    | 4  | 3,98  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0497.02.08.B1                    | 5  | 4,98  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0497.02.10.B1                    | 5  | 4,98  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0597.02.10.B1                    | 6  | 5,98  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0796.02.10.B1                    | 8  | 7,98  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.0996.03.14.B1                    | 10 | 9,98  | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1196.03.14.B1                    | 12 | 11,97 | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1396.03.16.B1                    | 14 | 13,97 | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| S117.1597.03.18.B1                    | 16 | 15,97 | 28,6 | 0,3  | 40               | 6,8              | 15,6 | H              | 117H005 | ▲    |
| S117.1797.03.20.B1                    | 18 | 17,97 | 28,6 | 0,3  | 50               | 7,8              | 15,6 | I              | 117I005 | ▲    |
| S117.1997.05.20.B1                    | 20 | 19,97 | 28,6 | 0,5  | 50               | 8,5              | 15,6 | I              | 117I005 | ▲    |
|                                       |    |       |      |      |                  |                  |      |                |         | P ●  |
|                                       |    |       |      |      |                  |                  |      |                |         | M o  |
|                                       |    |       |      |      |                  |                  |      |                |         | K ●  |
|                                       |    |       |      |      |                  |                  |      |                |         | N ●  |
|                                       |    |       |      |      |                  |                  |      |                |         | S o  |
|                                       |    |       |      |      |                  |                  |      |                |         | H -  |

Recommandé pour: brochage conventionnel  
Raccomandata per stozzatura cnc convenzionale



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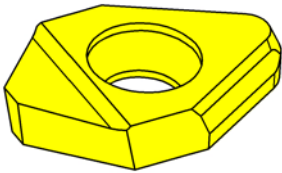
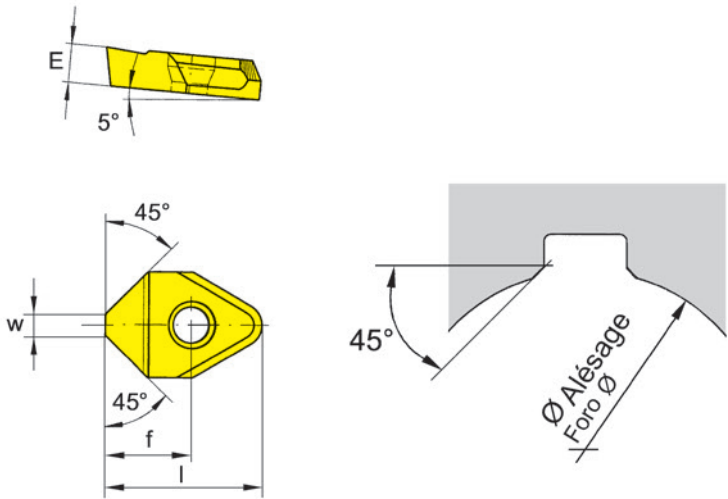
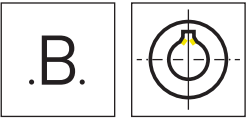
Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | Nw | w     | l    | r    | D <sub>min</sub> | t <sub>max</sub> | f    | Forme<br>Forma | HIS     | AN45 |
|---------------------------------------|----|-------|------|------|------------------|------------------|------|----------------|---------|------|
| S117.0300.01.08.B1                    | 3  | 3,01  | 13   | 0,12 | 14               | 2                | 6    | G              | 117G805 | ▲    |
| S117.0400.01.08.B1                    | 4  | 4,01  | 13   | 0,12 | 14               | 2,2              | 6    | F              | 117F805 | ▲    |
| S117.0500.02.08.B1                    | 5  | 5,01  | 13   | 0,2  | 14               | 2,9              | 6    | F              | 117F805 | ▲    |
| S117.0500.02.10.B1                    | 5  | 5,01  | 14,5 | 0,2  | 17               | 2,8              | 6,5  | A              | 117A005 | ▲    |
| S117.0600.02.10.B1                    | 6  | 6,01  | 14,5 | 0,2  | 17               | 3,5              | 6,5  | A              | 117A005 | ▲    |
| S117.0800.02.10.B1                    | 8  | 8,01  | 16   | 0,2  | 22               | 4,3              | 8    | B              | 117B005 | ▲    |
| S117.1000.03.14.B1                    | 10 | 10,01 | 20,7 | 0,3  | 30               | 4,4              | 11,2 | C              | 117C605 | ▲    |
| S117.1200.03.14.B1                    | 12 | 12,01 | 20,7 | 0,3  | 38               | 5,9              | 11,2 | D              | 117D605 | ▲    |
| S117.1200.05.14.B1                    | 12 | 12    | 20,7 | 0,5  | 38               | 8,5              | 11,2 | D              | 117D605 | ▲    |
| S117.1400.03.16.B1                    | 14 | 14,01 | 20,7 | 0,3  | 40               | 6,8              | 11,2 | E              | 117E605 | ▲    |
| S117.1601.03.18.B1                    | 16 | 16,01 | 28,6 | 0,3  | 40               | 6,8              | 15,6 | H              | 117H005 | ▲    |
| S117.1801.03.20.B1                    | 18 | 18,01 | 28,6 | 0,3  | 50               | 7,8              | 15,6 | I              | 117I005 | ▲    |
| S117.2002.05.20.B1                    | 20 | 20,02 | 28,6 | 0,5  | 50               | 8,5              | 15,6 | I              | 117I005 | ▲    |

Recommandé pour: brochage conventionnel  
Raccomandata per stozzatura cnc convenzionale

Plaquette S117.1200.05.14 = Nw à partir 12 mm!  
Inserto S117.1200.05.14 = Nw da 12 mm!

|   |   |
|---|---|
| P | ● |
| M | o |
| K | ● |
| N | ● |
| S | o |
| H | - |

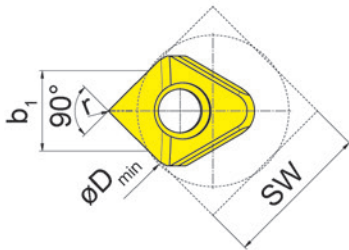
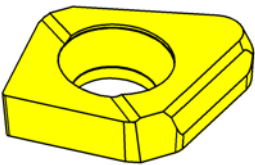
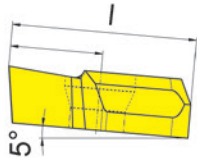
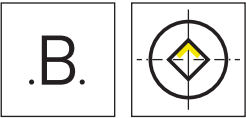


Nuance  
Leghe

▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto                                                    | w   | l    | D <sub>min</sub> | f    | Forme<br>Forma | HIS               | AN45 |
|------------------------------------------------------------------------------------------|-----|------|------------------|------|----------------|-------------------|------|
| S117.1545.10.B2                                                                          | 1,5 | 16   | 17               | 8    | A              | 117A005           | ▲    |
| S117.2445.08.B2                                                                          | 2,4 | 13   | 14               | 6    | F              | 117F805           | ▲    |
| S117.3045.10.B2                                                                          | 3   | 16   | 22               | 8    | B              | 117B005           | ▲    |
| S117.6045.14.B2                                                                          | 6   | 20,7 | 30               | 11,2 | C/D            | 117C605 • 117D605 | ▲    |
| Recommandé pour: brochage conventionnel<br>Raccomandata per stozzatura cnc convenzionale |     |      |                  |      |                |                   | P ●  |
|                                                                                          |     |      |                  |      |                |                   | M o  |
|                                                                                          |     |      |                  |      |                |                   | K ●  |
|                                                                                          |     |      |                  |      |                |                   | N ●  |
|                                                                                          |     |      |                  |      |                |                   | S o  |
|                                                                                          |     |      |                  |      |                |                   | H -  |



Nuance  
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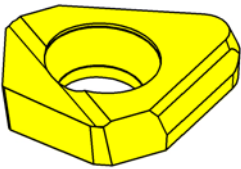
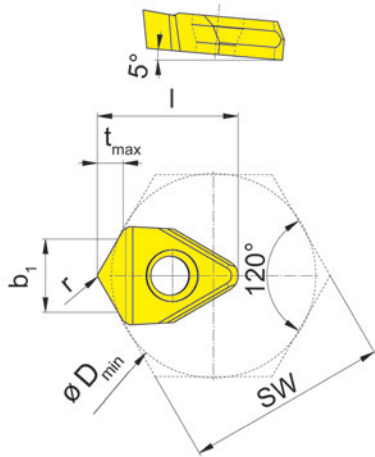
▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | SW    | b <sub>1</sub> | l    | r   | D <sub>min</sub> | Porte outils<br>Portainserito | HIS     | AN45 |
|---------------------------------------|-------|----------------|------|-----|------------------|-------------------------------|---------|------|
| S117.SQ.1315.08.B2                    | 13-15 | 6,61-7,84      | 13   | 0,2 | 13,5             | SH117.1325.SQ.1.08.IK         | 1170805 | ▲    |
| S117.SQ.1517.10.B2                    | 15-17 | 7,84-9,08      | 14,8 | 0,2 | 15,5             | SH117.1525.SQ.1.10.IK         | 1171005 | ▲    |
| S117.SQ.1719.12.B2                    | 17-19 | 9,08-10,33     | 16,7 | 0,2 | 17,5             | SH117.1732.SQ.1.12.IK         | 1171205 | ▲    |
| S117.SQ.1922.16.B2                    | 19-22 | 10,33-12,22    | 19   | 0,2 | 19,5             | SH117.1932.SQ.1.16.IK         | 1171605 | ▲    |

Recommandé pour: brochage conventionnel  
Raccomandata per stozzatura cnc convenzionale

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| K | ● |
| N | ● |
| S | o |
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Nuance  
Leghe

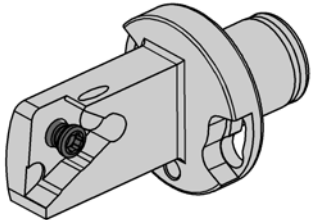
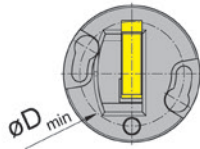
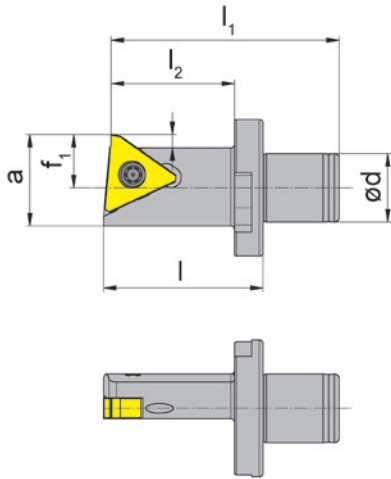
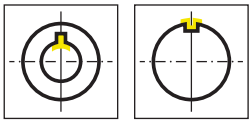
▲ en stock  
a stock

Δ 4 semaines  
4 settimane

| Numéro de commande<br>Codice prodotto | SW    | b <sub>1</sub> | l    | r   | D <sub>min</sub> | t <sub>max</sub> | Porte outils<br>Portainserto | HIS     | AN45 |
|---------------------------------------|-------|----------------|------|-----|------------------|------------------|------------------------------|---------|------|
| S117.SW14.08.B2                       | 14-16 | 4,94-5,80      | 13   | 0,2 | 14,2-16,2        | 1,9              | SH117.1425.30.1.08           | 1170805 | ▲    |
| S117.SW16.10.B2                       | 16-22 | 5,80-8,43      | 14   | 0,2 | 16,2-22,2        | 2,5              | SH117.1625.30.1.10           | 1171005 | ▲    |
| S117.SW24.12.B2                       | 24-27 | 8,70-10,00     | 17   | 0,3 | 24,3-27,3        | 3                | SH117.2432.30.1.12           | 1171205 | ▲    |
| S117.SW30.16.B2                       | 30-36 | 11,32-13,97    | 20,7 | 0,3 | 30,3-36,3        | 4,2              | SH117.3032.30.1.16           | 1171605 | ▲    |

Recommandé pour: brochage conventionnel  
Raccomandata per stozzatura cnc convenzionale

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|---|---|
| P | ● |
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| K | ● |
| N | ● |
| S | o |
| H | - |



| Número de commande<br>Codice prodotto | d  | l  | l <sub>1</sub> | l <sub>2</sub> | D <sub>min</sub> | f <sub>1</sub> | a  | HWS    | HMS  |
|---------------------------------------|----|----|----------------|----------------|------------------|----------------|----|--------|------|
| 356.3018.A.05                         | 18 | 42 | 62             | 34             | 27,5             | 14             | 24 | 31505R | AR2P |

Pour les dispositifs de brochage AP2R/AP3R  
Per Unità a Stozzare AP2R/AP3R

X

Pièces Détachées  
Ricambi

| Porte outils<br>Portainsero | Vis de serrage<br>Vite di serraggio | Tournevis TORX PLUS®<br>Cacciavite TORX PLUS® |
|-----------------------------|-------------------------------------|-----------------------------------------------|
| 356.3018.A.05               | 030.500P.0232                       | T20PQ                                         |