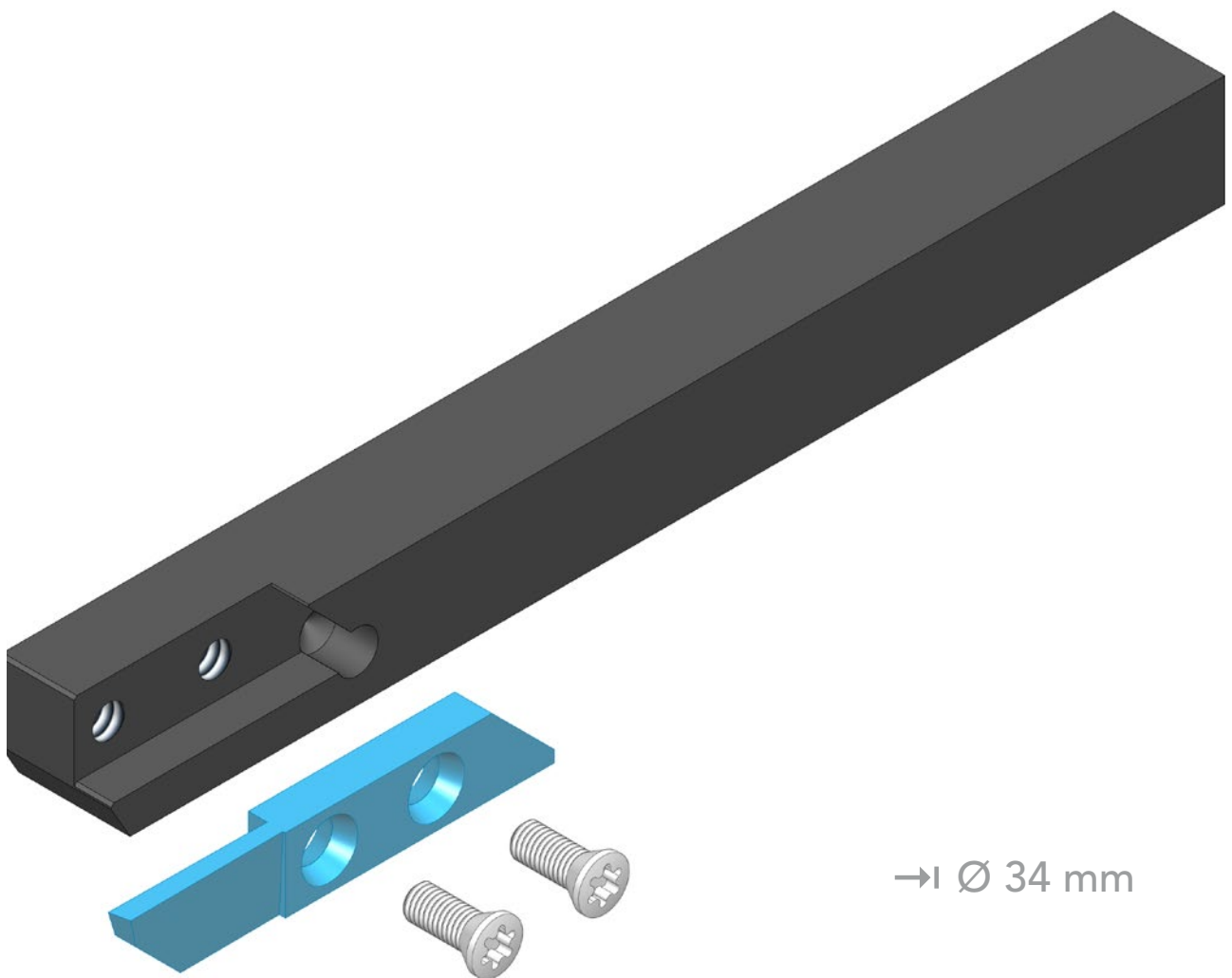


# 900 line



## Coating of inserts


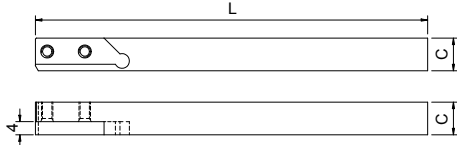




## Beschichtung der Wendepplatten

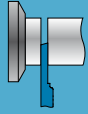
## Revêtement des plaquettes

✓ = Available  
 ✓ = Verfügbar  
 ✓ = Disponible

| Designation<br>Bezeichnung<br>Désignation | Description<br>Beschreibung<br>Description  |
|---|---|
| K10                                       | <p><b>Without coating   K10 carbide</b></p> <p><b>Ohne Beschichtung   K10 Hartmetall</b></p> <p><b>Sans revêtement   Carbure K10</b></p>  |
| BI40                                      | <p><b>AlTi(C)N-based</b></p> <ul style="list-style-type: none"> <li>• Universal coating.</li> <li>• High hardness.</li> <li>• Very smooth surface finish.</li> <li>• Suitable for steel and stainless steel.</li> </ul> <p><b>AlTi(C)N-Basis</b></p> <ul style="list-style-type: none"> <li>• Universalbeschichtung.</li> <li>• Hohe Schichthärte.</li> <li>• Sehr glatte Oberfläche.</li> <li>• Geeignet für Stahl und Edelstahl.</li> </ul> <p><b>Base AlTi(C)N</b></p> <ul style="list-style-type: none"> <li>• Revêtement universel.</li> <li>• Dureté élevée.</li> <li>• Bon glissement du copeau.</li> <li>• Adapté à l'acier et à l'acier inox.</li> </ul> |
| BI80                                      | <p><b>AlTiN-based</b></p> <ul style="list-style-type: none"> <li>• Ultra-thin layer version of BI90.</li> <li>• Perfect for small tools with sharp cutting edges.</li> </ul> <p><b>AlTiN-Basis</b></p> <ul style="list-style-type: none"> <li>• Ultradünne Schicht der Version BI90.</li> <li>• Perfekt für kleine Werkzeuge mit scharfen Schneidkanten.</li> </ul> <p><b>Base AlTiN</b></p> <ul style="list-style-type: none"> <li>• Version du BI90 avec couche ultra fine.</li> <li>• Parfait pour les petits outils avec des arêtes de coupe vives.</li> </ul>  |

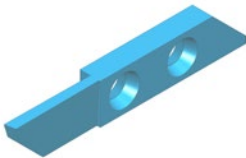
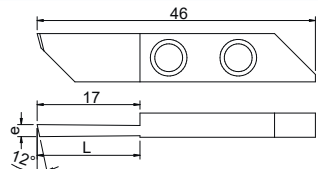
| Designation<br>Bezeichnung<br>Désignation | Description<br>Beschreibung<br>Description   |
|---|--|
| <b>BI90</b>                               | <p><b>AlTiN-based</b></p> <ul style="list-style-type: none"> <li>• Universal coating.</li> <li>• Good oxidation resistance.</li> <li>• High heat resistance.</li> <li>• Suitable for steel and stainless steel.</li> </ul> <p><b>AlTiN-Basis</b></p> <ul style="list-style-type: none"> <li>• Universalbeschichtung.</li> <li>• Gute Oxidationsbeständigkeit.</li> <li>• Hohe Hitzebeständigkeit.</li> <li>• Ideal für Stahl und Edelstahl.</li> </ul> <p><b>Base AlTiN</b></p> <ul style="list-style-type: none"> <li>• Revêtement universel.</li> <li>• Bonne résistance à l'oxydation.</li> <li>• Haute résistance à la chaleur..</li> <li>• Adapté à l'acier et à l'acier inox.</li> </ul> |
| <b>TIN</b>                                | <p><b>TiN</b></p> <ul style="list-style-type: none"> <li>• Universal coating.</li> </ul> <p><b>TiN</b></p> <ul style="list-style-type: none"> <li>• Universalbeschichtung.</li> </ul> <p><b>TiN</b></p> <ul style="list-style-type: none"> <li>• Revêtement universel.</li> </ul>  |

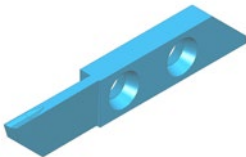
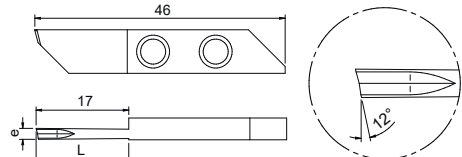
| 100BH3-1xxR   | Right tool holder<br>Werkzeughalter rechts<br>Porte-outil à droite   | Section C<br>Querschnitt C<br>Section C  | Length L<br>Länge L<br>Longueur L | Article nr.<br>Artikel Nr.<br>N° Article |
|---|--|--|-----------------------------------|--|
|    |   | 10 x 10                                  | 125                               | 100BH3-110R                              |
|   |  | 12 x 12                                  | 125                               | 100BH3-112R                              |
|   |  | 14 x 14                                  | 125                               | 100BH3-114R                              |
|   |  | 16 x 16                                  | 125                               | 100BH3-116R                              |
|   |  | 20 x 20                                  | 125                               | 100BH3-120R                              |
|   |  | 25 x 25                                  | 100                               | 100BH3-125R                              |
| 100BH3-1xxL   | Left tool holder<br>Werkzeughalter links<br>Porte-outil à gauche   | Section C<br>Querschnitt C<br>Section C  | Length L<br>Länge L<br>Longueur L | Article nr.<br>Artikel Nr.<br>N° Article |
|    |   | 10 x 10                                  | 125                               | 100BH3-110L                              |
|   |  | 12 x 12                                  | 125                               | 100BH3-112L                              |
|   |  | 14 x 14                                  | 125                               | 100BH3-114L                              |
|   |  | 16 x 16                                  | 125                               | 100BH3-116L                              |
|   |  | 20 x 20                                  | 125                               | 100BH3-120L                              |
|   |  | 25 x 25                                  | 100                               | 100BH3-125L                              |
| 100-1   | Key<br>Schlüssel<br>Clé  | Article nr.<br>Artikel Nr.<br>N° Article |                                   |  |
|  | Torx 15  | 100-1                                    |                                   |  |
| 100-2   | Screw for standard tool holders 100BH3-1xxR and 100BH3-1xxL.<br>Schraube für standard Werkzeughalter 100BH3-1xxR und 100BH3-1xxL<br>Vis pour porte-outil standard 100BH3-1xxR et 100BH3-1xxL | Article nr.<br>Artikel Nr.<br>N° Article |                                   |  |
|  | M3,5 x 9   | 100-2                                    |                                   |  |

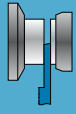


Guide bush cut off  $\varnothing$  34 mm  
 Abstechen an der Führungsbüchse  $\varnothing$  34 mm  
 Tronçonnage côté canon  $\varnothing$  34 mm

R : Right machining  
 R : Rechte Bearbeitung  
 R : Usinage à droite

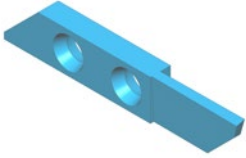
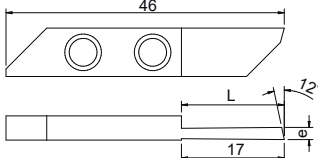
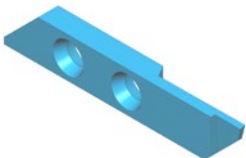
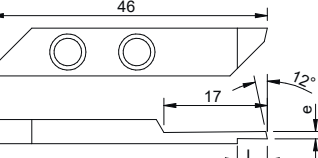
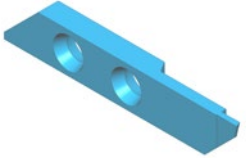
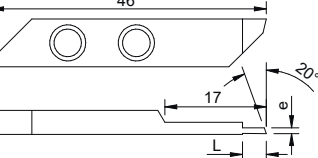
| 918R  | Cutting insert 12°<br>Abstechplatte 12°<br>Tronçonneur 12°                        | e   | L  | Article nr.<br>Artikel Nr.<br>N° Article |      |      |     |
|---|---|-----|----|--|------|------|-----|
|   |   |     |    |  | BI40 | BI90 | TIN |
|  |  | 2,0 | 17 | 918R2,0                                  | ✓    | ✓    | ✓   |
|   |   | 2,5 | 17 | 918R2,5                                  | ✓    | ✓    | ✓   |
|   |   | 3,0 | 17 | 918R3,0                                  | ✓    | ✓    | ✓   |

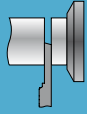
| 918Rc   | Cutting insert 12° with chip roller<br>Abstechplatte 12° mit Spanroller<br>Tronçonneur 12° avec roule-copeau | e   | L  | Article nr.<br>Artikel Nr.<br>N° Article |      |      |     |
|---|--|-----|----|--|------|------|-----|
|   |  |     |    |  | BI40 | BI90 | TIN |
|  |                             | 2,0 | 17 | 918Rc2,0                                 | ✓    | ✓    | ✓   |
|   |  | 2,5 | 17 | 918Rc2,5                                 | ✓    | ✓    | ✓   |
|   |  | 3,0 | 17 | 918Rc3,0                                 | ✓    | ✓    | ✓   |
|   |  | 3,5 | 17 | 918Rc3,5                                 | ✓    | ✓    | ✓   |



Sub spindle cut off  $\varnothing$  34 mm  
 Abstechen an der Abgreifzange  $\varnothing$  34 mm  
 Tronçonnage côte prise de pièce  $\varnothing$  34 mm

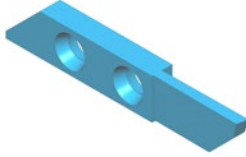
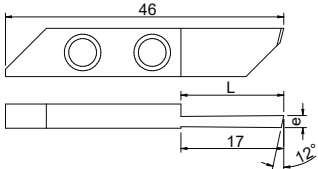
R : Right machining  
 R : Rechte Bearbeitung  
 R : Usinage à droite

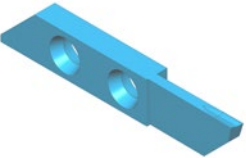
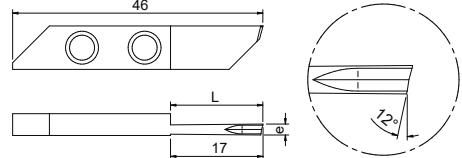
| 918L-op   | Opposite cutting insert 12°<br>Umgekehrte Abstechplatte 12°<br>Tronçonneur inversé 12° | e   | L  | Article nr.<br>Artikel Nr.<br>N° Article | BI40 | BI90 | TIN |
|---|--|-----|----|--|------|------|-----|
|    |       | 2,0 | 17 | 918L-op-2,0                              | ✓    | ✓    | ✓   |
|   |  | 2,5 | 17 | 918L-op-2,5                              | ✓    | ✓    | ✓   |
|   |  | 3,0 | 17 | 918L-op-3,0                              | ✓    | ✓    | ✓   |
| Use with 100BH3-1xxL tool holders<br>Verwendung mit 100BH3-1xxL Werkzeughalter<br>Utilisation avec les porte-outils 100BH3-1xxL |  |     |    |  |      |      |     |
| 953R  | Opposite cutting insert 12°<br>Umgekehrte Abstechplatte 12°<br>Tronçonneur inversé 12° | e   | L  | Article nr.<br>Artikel Nr.<br>N° Article | BI80 |      |     |
|    |       | 1,0 | 5  | 953R1,0                                  | ✓    |      |     |
|   |  | 1,2 | 5  | 953R1,2                                  | ✓    |      |     |
|   |  | 1,5 | 5  | 953R1,5                                  | ✓    |      |     |
| Use with 100BH3-1xxL tool holders<br>Verwendung mit 100BH3-1xxL Werkzeughalter<br>Utilisation avec les porte-outils 100BH3-1xxL |  |     |    |  |      |      |     |
| 953R - 20°  | Opposite cutting insert 20°<br>Umgekehrte Abstechplatte 20°<br>Tronçonneur inversé 20° | e   | L  | Article nr.<br>Artikel Nr.<br>N° Article | BI80 |      |     |
|    |     | 1,0 | 4  | 953R1,0 - 20° -                          | ✓    |      |     |
| Use with 100BH3-1xxL tool holders<br>Verwendung mit 100BH3-1xxL Werkzeughalter<br>Utilisation avec les porte-outils 100BH3-1xxL |  |     |    |  |      |      |     |



Guide bush cut off  $\varnothing$  34 mm  
 Abstechen an der Führungsbüchse  $\varnothing$  34 mm  
 Tronçonnage côté canon  $\varnothing$  34 mm

L : Left machining  
 L : Linke Bearbeitung  
 L : Usinage à gauche

| 918L  | Cutting insert 12°<br>Abstechplatte 12°<br>Tronçonneur 12°                        | e   | L  | Article nr.<br>Artikel Nr.<br>N° Article | B140 | B190 | TIN |
|---|---|-----|----|--|------|------|-----|
|   |   |     |    |  | ✓    | ✓    | ✓   |
|  |  | 2,0 | 17 | 918L2,0                                  | ✓    | ✓    | ✓   |
|   |   | 2,5 | 17 | 918L2,5                                  | ✓    | ✓    | ✓   |
|   |   | 3,0 | 17 | 918L3,0                                  | ✓    | ✓    | ✓   |

| 918Lc  | Cutting insert 12° with chip roller<br>Abstechplatte 12° mit Spanroller<br>Tronçonneur 12° avec roule-copeau | e   | L  | Article nr.<br>Artikel Nr.<br>N° Article | B140 | B190 | TIN |
|--|--|-----|----|--|------|------|-----|
|  |  |     |    |  | ✓    | ✓    | ✓   |
|  |                            | 2,5 | 17 | 918Lc2,5                                 | ✓    | ✓    | ✓   |
|  |  | 3,0 | 17 | 918Lc3,0                                 | ✓    | ✓    | ✓   |
|  |  | 3,5 | 17 | 918Lc3,5                                 |      | ✓    |     |



Represented by    Vertreten durch    Représenté par

