

# TOP-Watch



**APPLITEC**  
SWISS TOOLING

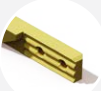
**Nouveautés présentées dans ce catalogue**  
**Neuheiten dieses Kataloges**  
**New products introduced in this catalogue**



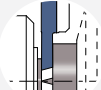
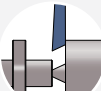
|                            |                                                          | page |
|----------------------------|----------------------------------------------------------|------|
| <b>711-ESF</b>             | 711-ESF-XN / XTC / XTAF                                  | 9    |
| <b>742SF</b>               | 742SF-15/0-2°-30°-HTAF-RE                                | 13   |
|                            | 742SF-15/0-2°-30°-XTAF-RE                                | 13   |
| <b>743SF (ébauche)</b>     | 743SF-120/0-12°-HN / HTAF / HTC                          | 14   |
|                            | 743SF-140/0-12°-HN / HTAF / HTC                          | 14   |
|                            | 743SF-160/0-12°-HN / HTAF / HTC                          | 14   |
|                            | 743SF-180/0-12°-HN / HTAF / HTC                          | 14   |
| <b>743SF (finition)</b>    | 743SF-5/5-30°-0.8-HTAF-RE                                | 14   |
|                            | 743SF-5/5-30°-1.0-HTAF-RE                                | 14   |
|                            | 743SF-8/0-2°-30°-1.0-HTAF-RE / XTAF-RE                   | 15   |
|                            | 743SF-15/0-2°-30°-1.2-HTAF-RE / XTAF-RE                  | 15   |
| <b>736SFX3</b>             | 736SFX3-A60-S0.50-AR-HN / HTAF                           | 16   |
|                            | 736SFX3-A60-S0.60-AR-HN / HTAF                           | 16   |
|                            | 736SFX3-A60-S0.70-AR-HN / HTAF                           | 16   |
|                            | 736SFX3-A60-S0.80-AR-HN / HTAF                           | 16   |
|                            | 736SFX3-A60-S0.90-AR-HN / HTAF                           | 16   |
|                            | 736SFX3-A60-S1.00-AR-HN / HTAF                           | 16   |
| <b>748SF</b>               | 748SF-E03-A45°-L20-HTAF-RE                               | 17   |
| <b>749SF</b>               | 749SF-E03-A45°-L20-B100-HTAF-RE                          | 17   |
| <b>731-ESF</b>             | 731-ESF-HTC / HTAF / HTAXF / HTiN / HN / XTC / XTAF / XN | 18   |
| <b>741-ESF</b>             | 741-ESF-HTC / XTC                                        | 18   |
| <b>731RDSF<br/>751RDSF</b> | 731RDSF-0.8-25°-HN / HTAF                                | 20   |
|                            | 751RDSF-0.8-25°-HN / HTAF                                | 20   |

Nuances micro-grain à dureté élevée  
Verschleissfeste Feinkornsorten  
Wear resistant micro-grain grades

> **2**

|                                                                                     | pour machines à cames<br>für kurvengesteuerte Maschinen<br>for cam driven machines |            | pour machines CNC<br>für CNC-Maschinen<br>for CNC driven machines |                                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------|--------------------------------------------------------------|
|                                                                                     | L                                                                                  |            | L                                                                 | R                                                            |
|    | <b>710</b><br><b>710SF</b><br><b>710-NOVIBRA</b>                                   | > <b>6</b> | <b>730</b><br><b>730-NOVIBRA</b>                                  | <b>740</b><br><b>740SF</b><br><b>740-NOVIBRA</b> > <b>10</b> |
|    | <b>711SF</b>                                                                       | > <b>8</b> |                                                                   | <b>741SF</b> > <b>12</b>                                     |
|    | <b>712SF</b>                                                                       | > <b>8</b> |                                                                   | <b>742SF</b> > <b>12</b>                                     |
|  | <b>713SF</b>                                                                       | > <b>9</b> |                                                                   | <b>743SF</b> > <b>14</b>                                     |
|  |                                                                                    |            | <b>736SF</b>                                                      | <b>746SF</b> > <b>16</b>                                     |
|  |                                                                                    |            |                                                                   | <b>748SF</b> > <b>17</b>                                     |
|  |                                                                                    |            |                                                                   | <b>749SF</b> > <b>17</b>                                     |
|  | <b>711-ESF</b>                                                                     | > <b>9</b> | <b>731-ESF</b>                                                    | <b>741-ESF</b> > <b>18</b>                                   |

*Coupe à droite déportée / Versetztes Rechtsschneiden / Right cut off line*

|                                                                                     |                              |             |
|-------------------------------------------------------------------------------------|------------------------------|-------------|
|  | <b>730RC</b><br><b>750RC</b> | > <b>19</b> |
| Porte-outils pour Swissnano - MODU-Line                                             | <b>ML12</b>                  | > <b>19</b> |
|  | <b>731R</b><br><b>751R</b>   | > <b>20</b> |

**Nuances micro-grain à dureté élevée**

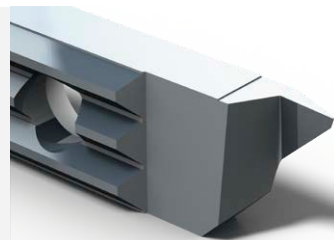
**Verschleissfeste Feinkornsorten**

**Wear resistant micro-grain grades**

## HN (μK10)

non revêtu  
unbeschichtet  
uncoated

- nuance micro-grain, bonne résistance à l'usure, recommandée pour des opérations d'ébauche et de finition pour des matières ou usinages ne nécessitant aucun revêtement
- verschleissfeste Feinkornsorte, für Schruppen und Schichtbearbeitung empfohlen oder für Werkstoffe oder Bearbeitungen, die keine Beschichtung erfordern
- wear resistant micro-grain carbide, recommended for roughing and finishing and for materials or operations that do not necessitate tool coatings



## HTC

μK10 + revêtement PVD  
μK10 + PVD Beschichtung  
μK10 + PVD coating

- nuance résistante à l'usure, faible coefficient de frottement, recommandée pour des opérations d'ébauche et de finition
- verschleissfeste Sorte, geringer Reibwert, für Schruppen und Schichtbearbeitung empfohlen
- wear resistant grade, low friction ratio, recommended for roughing and finishing

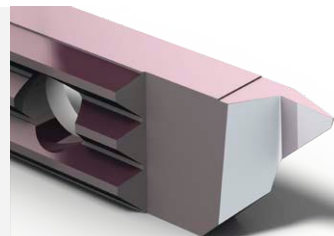


*conseillée pour l'usinage de la matière 20AP  
für Bearbeitung von 20AP geeignet  
suitable for machining of 20AP material*

## HTC-RE

μK10 + revêtement PVD  
μK10 + PVD Beschichtung  
μK10 + PVD coating

- nuance identique à HTC avec dépouilles rectifiées après revêtement pour des opérations de finition
- gleiche Sorte als HTC mit nach der Beschichtung geschliffener Freiwinkel, für Schichtbearbeitung empfohlen
- same grade as HTC, after coating grounded clearance, recommended for finishing



*conseillée pour l'usinage de la matière 20AP  
für Bearbeitung von 20AP geeignet  
suitable for machining of 20AP material*

## HTAF

μK10 + revêtement PVD  
μK10 + PVD Beschichtung  
μK10 + PVD coating

- nuance résistante à l'usure, recommandée pour des opérations d'ébauche et de finition
- verschleissfeste Sorte, für Schruppen und Schichtbearbeitung empfohlen
- wear resistant grade, recommended for roughing and finishing



*conseillée pour l'usinage des matières Finemac et inox 4c27a  
für Bearbeitung von Finemac und 4c27a-Rostfreier Stahl geeignet  
suitable for machining of Finemac and 4c27a stainless steel*

**Nuances micro-grain à dureté élevée**

**Verschleissfeste Feinkornsorten**

**Wear resistant micro-grain grades**

## HTAF-RE

μK10 + revêtement PVD  
μK10 + PVD Beschichtung  
μK10 + PVD coating

- nuance identique à HTAF avec dépouilles rectifiées après revêtement pour des opérations de finition
- gleiche Sorte als HTAF mit nach der Beschichtung geschliffener Freiwinkel, für Schlichtbearbeitung empfohlen
- same grade as HTC, after coating grounded clearance, recommended for finishing

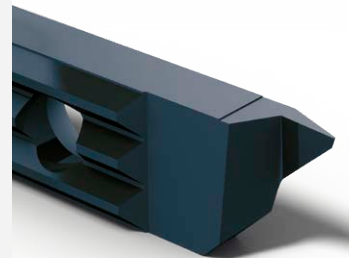


*recommandée pour les matières Finemac et inox 4c27a  
für Bearbeitung von Finemac und 4c27a-Rostfreier Stahl geeignet  
suitable for machining of Finemac and 4c27a stainless steel*

## HTAXF

μK10 + revêtement PVD  
μK10 + PVD Beschichtung  
μK10 + PVD coating

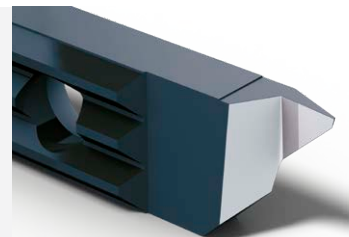
- nuance complémentaire, résistante à l'usure et à la température pour l'usinage ébauche et finition des matières inox 304, 316L, 317L, 904, Phynox  
Aciers alliés contenant: Chrome Nickel, Vanadium, molybdène...
- komplementäre Sorte, verschleissfest und temperaturbeständig. Für Schruppen und Schichtbearbeitung von Materialien Inox 304, 316L, 317L, 904, Phynox  
Legierter Stahl enthaltend Chrom-Nickel, Vanadium, Molybdän...
- complementary grade, wear and temperature resistant for roughing and finishing of following materials: Inox 304, 316L, 317L, 904, Phynox  
Alloy steel containing Chrome-nickel, Vanadium, Molybdenum...



## HTAXF-RE

μK10 + revêtement PVD  
μK10 + PVD Beschichtung  
μK10 + PVD coating

- nuance identique à HTAXF avec dépouilles rectifiées après revêtement pour des opérations de finition
- gleiche Sorte als HTAXF mit nach der Beschichtung geschliffener Freiwinkel, für Schlichtbearbeitung empfohlen
- same grade as HTAXF, after coating grounded clearance, recommended for finishing



**Nuances micro-grain à dureté élevée**

**Verschleissfeste Feinkornsorten**

**Wear resistant micro-grain grades**

## HTIN

μK10 + revêtement PVD  
μK10 + PVD Beschichtung  
μK10 + PVD coating

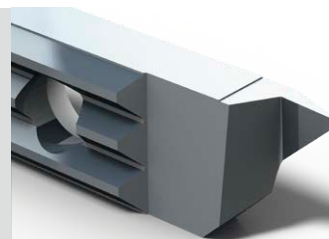
- nuance résistante à l'usure, faible coefficient de frottement, recommandée pour des opérations d'ébauche et de finition
- verschleissfeste Sorte, geringer Reibwert, für Schruppen und Schichtbearbeitung empfohlen
- wear resistant grade, low friction ratio, recommended for roughing and finishing



## XN (μK01)

non revêtu  
unbeschichtet  
uncoated

- nuance micro-grain très résistante à l'usure, recommandée pour des opérations d'ébauche et de finition pour des matières ou usinages nécessitant aucun revêtement
- sehr verschleissfeste Sorte, für Schruppen und Schichtbearbeitung empfohlen oder für Werkstoffe oder Bearbeitungen, die keine Beschichtung erfordern
- wear resistant micro-grain carbide, recommended for roughing and finishing and for materials or operations that do not necessitate tool coatings



## XTAF

μK01 + revêtement PVD  
μK01 + PVD Beschichtung  
μK01 + PVD coating

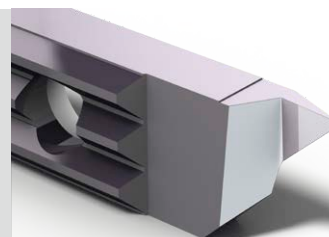
- nuance très résistante à l'usure, recommandée pour des opérations de finition, conseillée pour l'usinage des matières très abrasives.
- sehr verschleissfeste Sorte, für Schichtbearbeitung empfohlen, für die Bearbeitung von sehr abrasive Rohstoffe geeignet
- very wear resistant grade, recommended for finishing, suitable for machining of very abrasive materials



## XTAF-RE

μK01 + revêtement PVD  
μK01 + PVD Beschichtung  
μK01 + PVD coating

- nuance identique à XTAF avec dépouilles rectifiées après revêtement pour des opérations de finition
- gleiche Sorte als XTAF mit nach der Beschichtung geschliffener Freiwinkel, für Schlichtbearbeitung empfohlen
- same grade as XTAF, after coating grounded clearance, recommended for finishing



**Nuances micro-grain à dureté élevée**

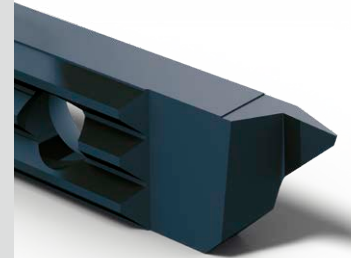
**Verschleissfeste Feinkornsorten**

**Wear resistant micro-grain grades**

## XTAXF

μK01 + revêtement PVD  
μK01 + PVD Beschichtung  
μK01 + PVD coating

- nuance complémentaire très résistante à l'usure et à la température pour la finition des matières inox 304, 316L, 317L, 904, Phynox  
Aciers alliés contenant: Chrome Nickel, Vanadium, molybdène...
- komplämentere Sorte, sehr verschleissfest und temperaturbeständig. Für Schichtbearbeitung von Materialien Inox 304, 316L, 317L, 904, Phynox  
Legierter Stahl enthaltend Chrom-Nickel, Vanadium, Molybdän...
- complementary grade, very wear and temperature resistant for finishing of following materials: Inox 304, 316L, 317L, 904, Phynox  
Alloy steel containing Chrome-nickel, Vanadium, Molybdenum...

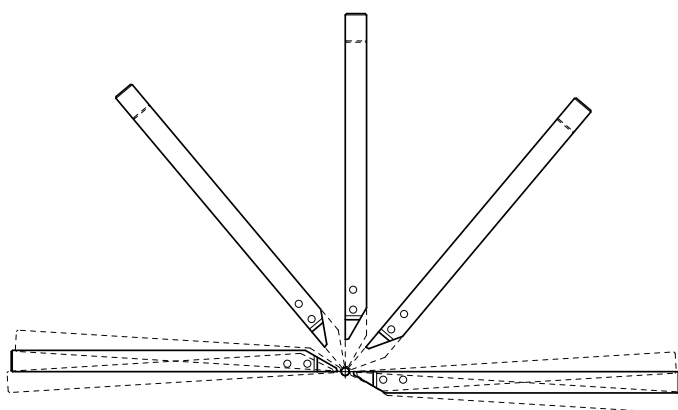


## XTAXF-RE

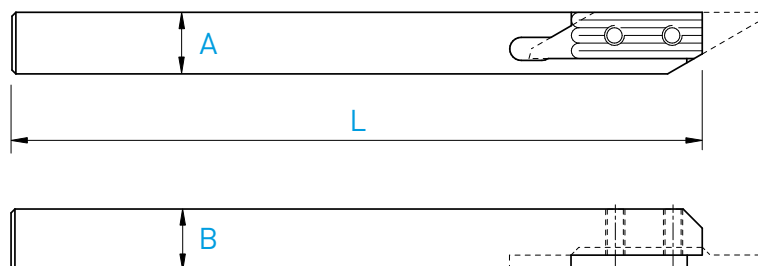
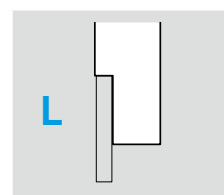
μK01 + revêtement PVD  
μK01 + PVD Beschichtung  
μK01 + PVD coating

- nuance identique à XTAXF avec dépouilles rectifiées après revêtement pour des opérations de finition.
- gleiche Sorte als XTAXF mit nach der Beschichtung geschliffener Freiwinkel, für Schlichtbearbeitung empfohlen.
- same grade as XTAXF, after coating grounded clearance, recommended for finishing.

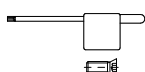
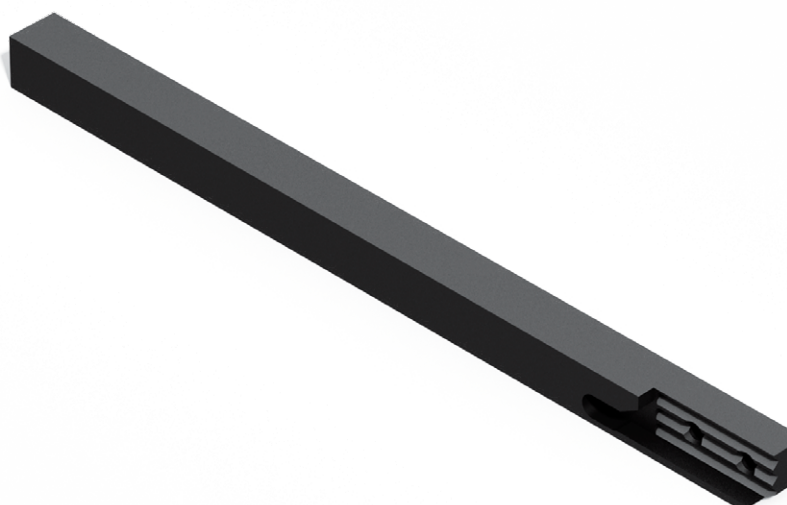




Porte-outils pour machines à cames à gauche  
Halter für linksdrehende kurvengesteuerte Maschinen  
Tool holders for left hand turning cam driven machines



| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°   |
|---------|-----|------------------------------------|-----------|
| 6 x 6   | 115 | A                                  | 710-6     |
| 7 x 7   | 115 | A                                  | 710-7     |
| 8 x 8   | 115 | A                                  | 710-8     |
| 8 x 8   | 140 | A                                  | 710-8-140 |
| 10 x 10 | 115 | A                                  | 710-10    |
| 12 x 12 | 130 | A                                  | 710-12    |



Chaque support est livré avec vis et clé.  
Jeder Halter wird mit Spannschraube(n) und Schlüssel geliefert.  
Screw(s) and key are included with each tool holder.

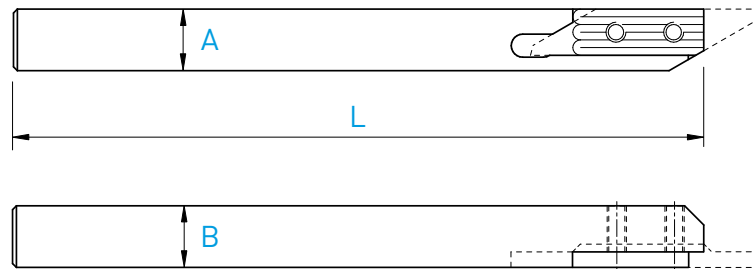
Porte-outils

Halter

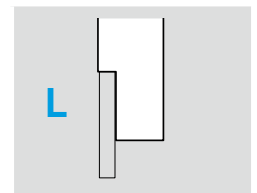
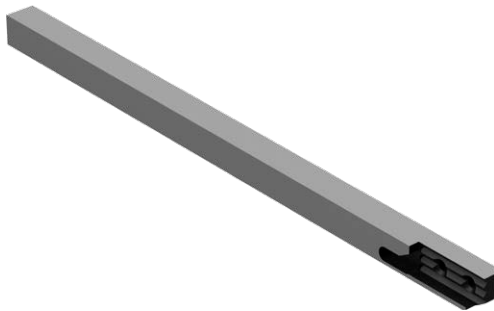
Holders

L

710-SF



Super finition des 4 faces  
4 seitig feinstgeschliffen  
4 sides superfinish



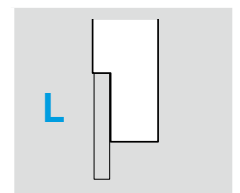
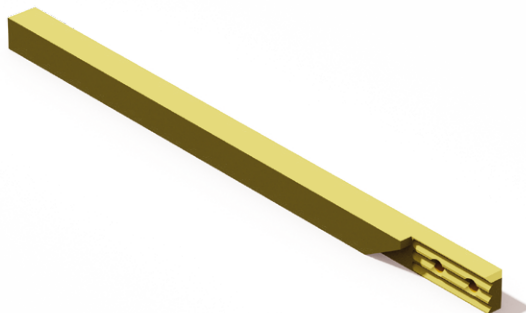
| A x B | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°      |
|-------|-----|------------------------------------|--------------|
| 7 x 7 | 140 | A                                  | 710-7-140-SF |
| 8 x 8 | 140 | A                                  | 710-8-140-SF |

Porte-outils en métal lourd anti-vibratoire

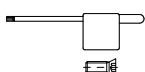
Schwingungsdämpfender Schwermetallhalter

Low vibration heavy metal holders

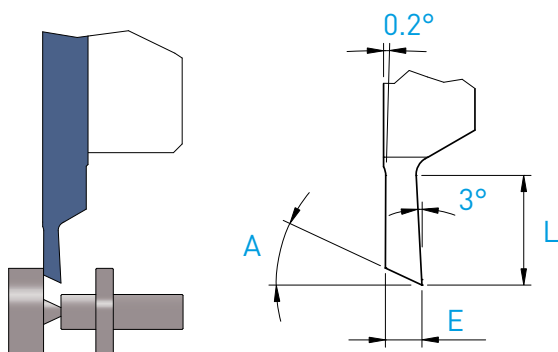
710-NOVIBRA



| A x B | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°       |
|-------|-----|------------------------------------|---------------|
| 6 x 6 | 115 | A                                  | 710-6-NOVIBRA |
| 7 x 7 | 115 | A                                  | 710-7-NOVIBRA |
| 8 x 8 | 115 | A                                  | 710-8-NOVIBRA |

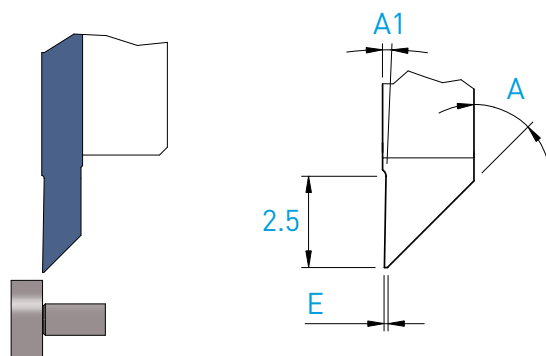


Chaque support est livré avec vis et clé.  
Jeder Halter wird mit Spannschraube(n) und Schlüssel geliefert.  
Screw(s) and key are included with each tool holder.



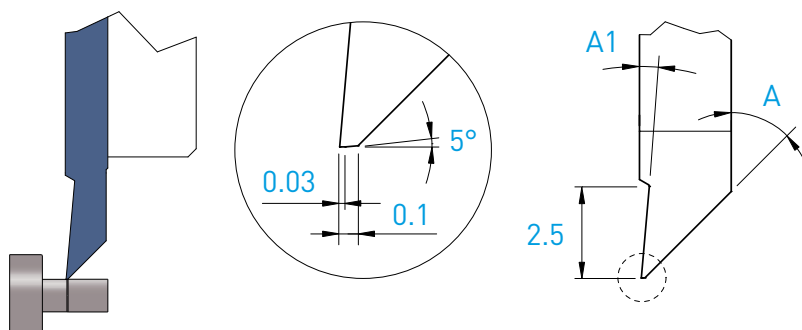
Tronçonnage  
Abstechen  
Parting off

| E   | L   | A   | Art. N°       | HTC | HTC-RE | HTAF | HTiN | HN (μK10) |
|-----|-----|-----|---------------|-----|--------|------|------|-----------|
| 0.8 | 3.0 | 25° | 711SF-0.8-25° | ■   | ■      | ■    | ■    | ■         |
| 1.0 | 3.0 | 25° | 711SF-1.0-25° | ■   | □      | ■    | □    | ■         |



Tournage avant ébauche / finition  
Vorwärts drehen schruppen / schlichten  
Front turning for roughing / finishing

| E    | A   | A1 | Art. N°       | HTC | HTC-RE | HTAF | HTiN | HN (μK10) |
|------|-----|----|---------------|-----|--------|------|------|-----------|
| 0.03 | 45° | 3° | 712SF-3/3-45° | ■   | □      | ■    | □    | ■         |
| 0.08 | 45° | 1° | 712SF-8/8-45° | ■   | ■      | ■    | □    | ■         |



Tournage avant finition (pivotage)  
Vorwärts drehen schlichten  
Front turning for finishing

| A   | A1 | Art. N°    | HTC | HTC-RE | HTAF | HTiN | HN (μK10) |
|-----|----|------------|-----|--------|------|------|-----------|
| 45° | 3° | 712SF-10/3 | ■   | □      | ■    | ■    | ■         |

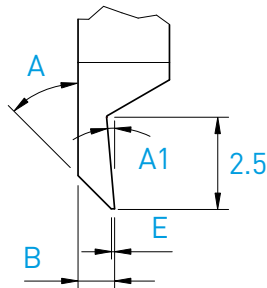
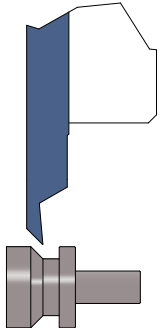
Plaquettes d'horlogerie pour machines à cames

Uhrenindustrie-WSP für kurvengesteuerte Maschinen

Watch industry inserts for cam driven machines

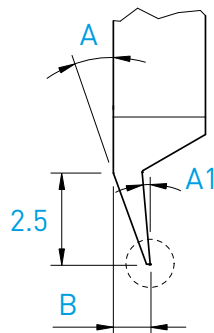
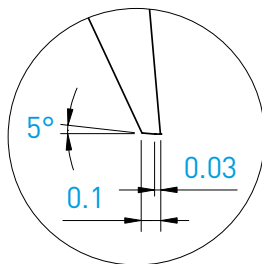
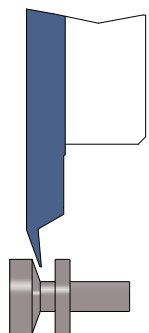
L

713SF



Tournage arrière ébauche / finition  
Rückwärts drehen schrappen / schlichten  
Back turning for roughing / finishing

| E    | B   | A   | A1 | Art. N°             | HTC | HTC-RE | HTAF | HTiN | HN (μK10) |
|------|-----|-----|----|---------------------|-----|--------|------|------|-----------|
| 0.03 | 1.0 | 45° | 5° | 713SF-3/3-45°-1.0   | ■   | □      | ■    | □    | ■         |
| 0.1  | 1.0 | 45° | 5° | 713SF-10/10-45°-1.0 | ■   | □      | ■    | □    | ■         |



Tournage arrière finition  
Rückwärts drehen schlichten  
Back turning for finishing

| B   | A   | A1 | Art. N°    | HTC | HTC-RE | HTAF | HTiN | HN (μK10) |
|-----|-----|----|------------|-----|--------|------|------|-----------|
| 1.0 | 20° | 5° | 713SF-10/3 | ■   | □      | ■    | ■    | ■         |

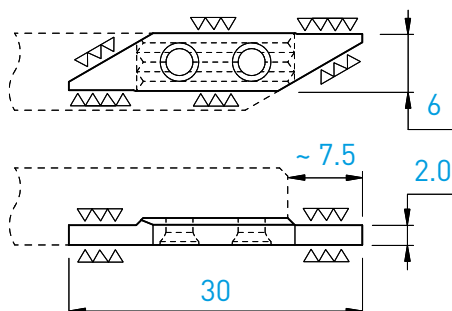
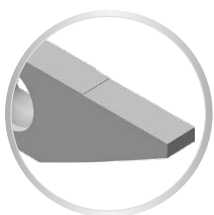
Plaquettes ébauches

WSP-Rohlinge

Blank inserts

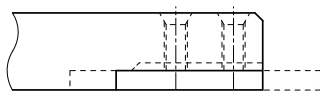
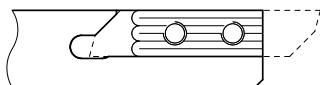
L

711-ESF

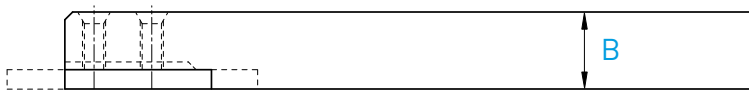
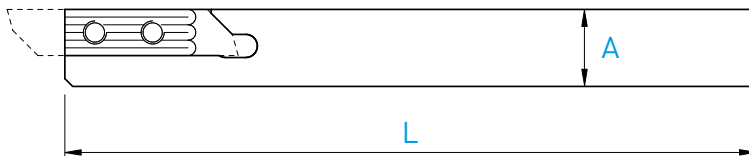


| Art. N° | HTC | HTAF | HTiN | HN (μK10) | XN (μK01) | XTC | XTAF |
|---------|-----|------|------|-----------|-----------|-----|------|
| 711-ESF | ■   | ■    | □    | ■         | ■         | ■   | ■    |

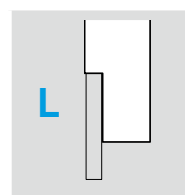
L



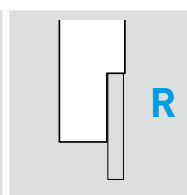
R



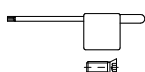
L



R



| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°   | Art. N°   |
|---------|-----|------------------------------------|-----------|-----------|
| 7 x 7   | 115 | A                                  | 730-7     | 740-7     |
| 8 x 8   | 115 | A + B                              | 730-8     | 740-8     |
| 8 x 8   | 140 | A + B                              | 730-8-140 | -         |
| 10 x 10 | 115 | A + B                              | 730-10    | 740-10    |
| 12 x 12 | 130 | A + B                              | 730-12    | 740-12    |
| 12 x 12 | 90  | A + B                              | 730-12-90 | 740-12-90 |



Chaque support est livré avec vis et clé.  
Jeder Halter wird mit Spannschraube(n) und Schlüssel geliefert.  
Screw(s) and key are included with each tool holder.

Porte-outils

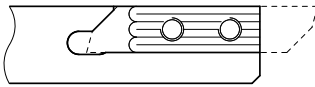
Halter

Holders

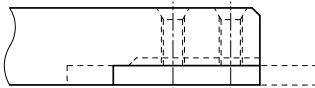
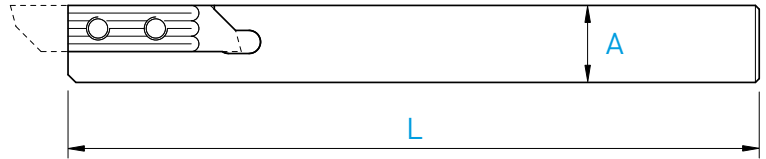
R

740-SF

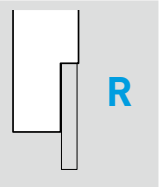
L



R



Super finition des 4 faces  
4 seitig feinstgeschliffen  
4 sides superfinish



| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°      |
|---------|-----|------------------------------------|--------------|
| 7 x 7   | 90  | A                                  | 740-7-90-SF  |
| 8 x 8   | 115 | A + B                              | 740-8-SF     |
| 8 x 8   | 90  | A + B                              | 740-8-90-SF  |
| 10 x 10 | 115 | A + B                              | 740-10-SF    |
| 10 x 10 | 90  | A + B                              | 740-10-90-SF |
| 12 x 12 | 130 | A + B                              | 740-12-SF    |
| 12 x 12 | 90  | A + B                              | 740-12-90-SF |

Porte-outils en métal lourd anti-vibratoire

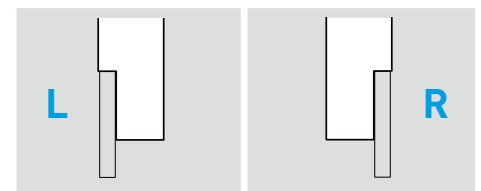
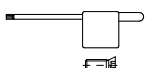
Schwingungsdämpfender Schwermetallhalter

Low vibration heavy metal holders

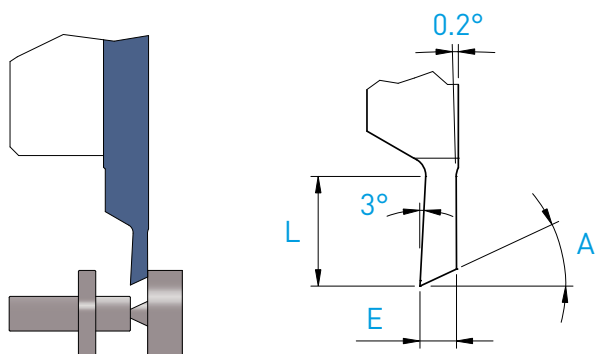
L / R 730 / 740-NOVIBRA



Chaque support est livré  
avec vis et clé.  
Jeder Halter wird mit  
Spannschraube(n) und  
Schlüssel geliefert.  
Screw(s) and key are included  
with each tool holder.



| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°       | Art. N°          |
|---------|-----|------------------------------------|---------------|------------------|
| 7 x 7   | 115 | A                                  | 730-7-NOVIBRA | 740-7-NOVIBRA    |
| 8 x 8   | 115 | A + B                              | 730-8-NOVIBRA | 740-8-NOVIBRA    |
| 8 x 8   | 80  | A + B                              | -             | 740-8-80-NOVIBRA |
| 10 x 10 | 115 | A + B                              | -             | 740-10-NOVIBRA   |
| 12 x 12 | 130 | A + B                              | -             | 740-12-NOVIBRA   |

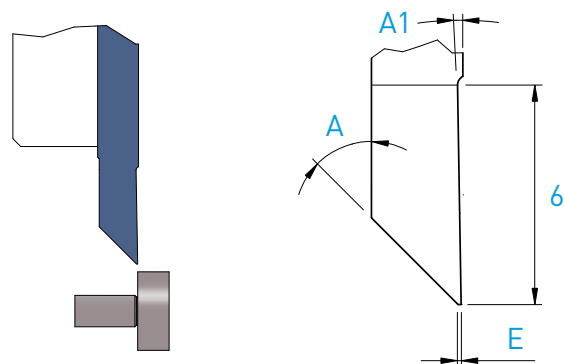


Tronçonnage

Abstechen

Parting off

| E   | L   | A   | Art. N°       | HTC | HTC-RE | HTAF | HTAF-RE | HTAXF | HTAXF-RE | HTiN | HN (μK10) | XTAF | XTAXF | XTAXF-RE | XN (μK01) |
|-----|-----|-----|---------------|-----|--------|------|---------|-------|----------|------|-----------|------|-------|----------|-----------|
| 0.5 | 2.0 | 25° | 741SF-0.5-25° | ■   | □      | ■    | □       | ■     | □        | □    | ■         | ■    | ■     | ■        | □         |
| 0.8 | 3.0 | 25° | 741SF-0.8-25° | ■   | □      | ■    | □       | ■     | □        | □    | ■         | ■    | ■     | ■        | □         |
| 1.0 | 3.0 | 25° | 741SF-1.0-25° | ■   | □      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | □        | ■         |
| 1.2 | 6.0 | 22° | 741SF-1.2-22° | ■   | □      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | □        | □         |



Tournage avant ébauche / finition

Vorwärts drehen schrappen / schlichten

Front turning for roughing / finishing

| E    | A   | A1 | Art. N°       | HTC | HTC-RE | HTAF | HTAF-RE | HTAXF | HTAXF-RE | HTiN | HN (μK10) | XTAF | XTAXF | XTAXF-RE | XN (μK01) |
|------|-----|----|---------------|-----|--------|------|---------|-------|----------|------|-----------|------|-------|----------|-----------|
| 0.03 | 45° | 3° | 742SF-3/3-45° | ■   | ■      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | □        | ■         |
| 0.08 | 45° | 1° | 742SF-8/8-45° | ■   | ■      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | □        | ■         |

7XX-XX-B



Sur demande pour serrage type B, voir page 21

Wahlweise für B-Spannsystem, siehe Seite 21

On request for B clamping system, see page 21

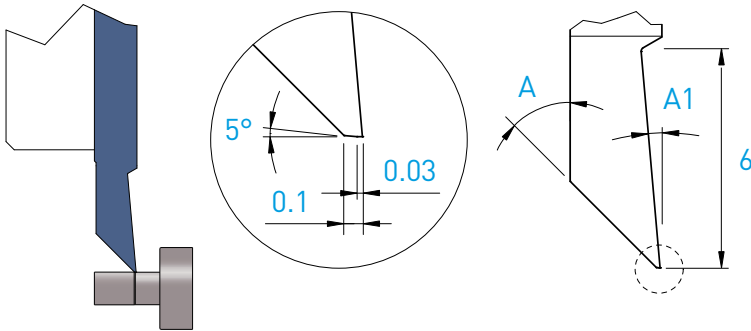
Plaquettes d'horlogerie pour machines CNC

Uhrenindustrie-WSP für CNC-Maschinen

Watch industry inserts for CNC machines

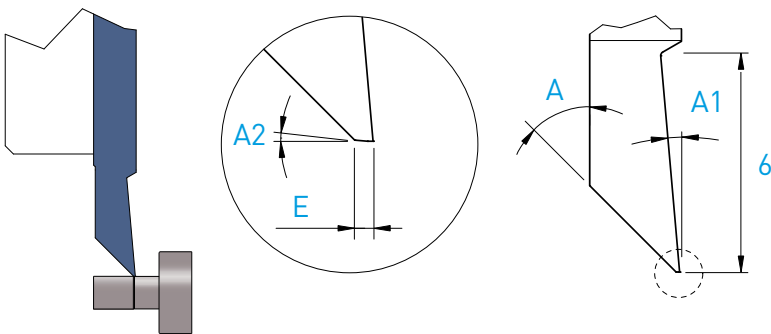
R

742SF



Tournage avant finition  
Vorwärts drehen schlichten  
Front turning for finishing

| A   | A1 | Art. N°    | HTC | HTC-RE | HTAF | HTAF-RE | HTAXF | HTAXF-RE | HTiN | HN (μK10) | XTAF | XTAXF | XTAXF-RE | XN (μK01) |
|-----|----|------------|-----|--------|------|---------|-------|----------|------|-----------|------|-------|----------|-----------|
| 45° | 5° | 742SF-10/3 | ■   | ■      | ■    | □       | □     | ■        | ■    | ■         | ■    | ■     | □        | □         |



Tournage avant finition  
Vorwärts drehen schlichten  
Front turning for finishing

| E    | A   | A1 | A2 | Art. N°           | HTAF-RE | XTAF-RE |
|------|-----|----|----|-------------------|---------|---------|
| 0.1  | 45° | 5° | 5° | 742SF-10/0-5°-45° | ■       | ■       |
| 0.15 | 30° | 3° | 2° | 742SF-15/0-2°-30° | ■       | ■       |

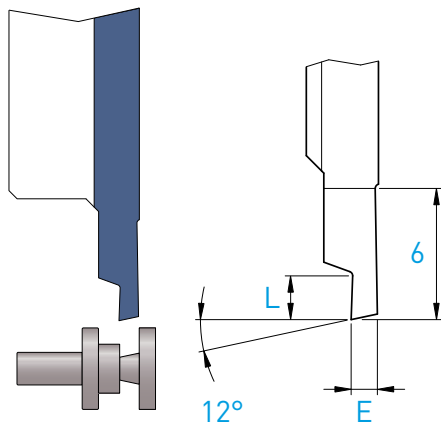
7XX-XX-B



Sur demande pour serrage type B, voir page 21  
Wahlweise für B-Spannsystem, siehe Seite 21  
On request for B clamping system, see page 21

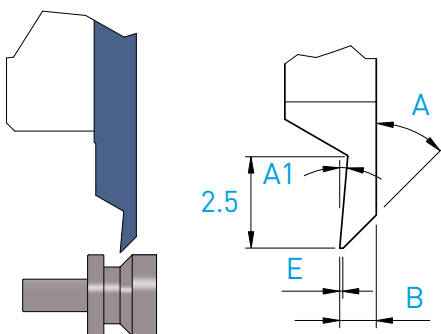
■ = disponible / verfügbar / available

□ = selon disponibilité du stock / je nach Lagerverfügbarkeit / depending on stock availability



Tournage arrière ébauche  
Rückwärts drehen schrappen  
Back turning for roughing

| E   | L   | Art. N°         | HTC | HTAF | HN (μK10) |
|-----|-----|-----------------|-----|------|-----------|
| 1.2 | 2.5 | 743SF-120/0-12° | ■   | ■    | ■         |
| 1.4 | 3   | 743SF-140/0-12° | ■   | ■    | ■         |
| 1.6 | 3   | 743SF-160/0-12° | ■   | ■    | ■         |
| 1.8 | 4   | 743SF-180/0-12° | ■   | ■    | ■         |



Tournage arrière ébauche/finition  
Rückwärts drehen schrappen/schlichten  
Back turning for roughing/finishing

| E    | B   | A   | A1 | Art. N°             | HTC | HTC-RE | HTAF | HTAF-RE | HTAXF | HTAXF-RE | HTiN | HN (μK10) | XTAF | XTAXF | XTAXF-RE | XN (μK01) |
|------|-----|-----|----|---------------------|-----|--------|------|---------|-------|----------|------|-----------|------|-------|----------|-----------|
| 0.03 | 1.0 | 45° | 5° | 743SF-3/3-45°-1.0   | ■   | ■      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | ■        | ■         |
| 0.03 | 1.2 | 45° | 5° | 743SF-3/3-45°-1.2   | ■   | ■      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | ■        | ■         |
| 0.1  | 1.0 | 45° | 5° | 743SF-10/10-45°-1.0 | ■   | ■      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | ■        | ■         |
| 0.05 | 0.8 | 30° | 3° | 743SF-5/5-30°-0.8   |     |        |      | ■       |       |          |      |           |      |       |          |           |
| 0.05 | 1.0 | 30° | 3° | 743SF-5/5-30°-1.0   |     |        |      | ■       |       |          |      |           |      |       |          |           |

7XX-XX-B



Sur demande pour serrage type B, voir page 21  
Wahlweise für B-Spannsystem, siehe Seite 21  
On request for B clamping system, see page 21

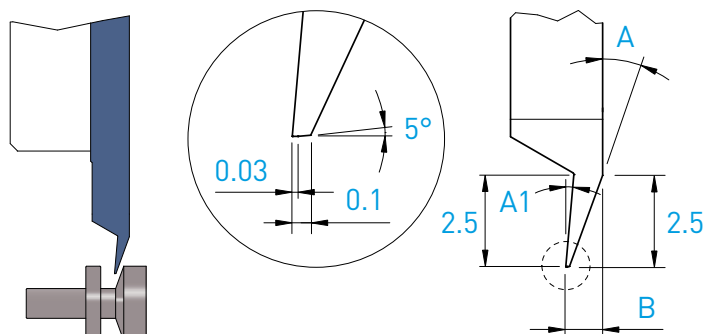
Plaquettes d'horlogerie pour machines CNC

Uhrenindustrie-WSP für CNC-Maschinen

Watch industry inserts for CNC machines

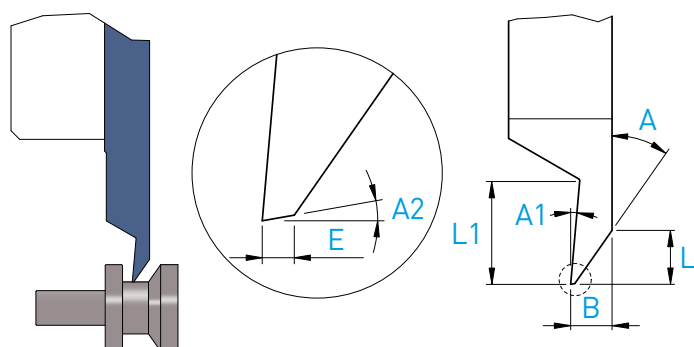
R

743SF



Tournage arrière finition  
Rückwärts drehen schlichten  
Back turning for finishing

| B   | A   | A1 | Art. N°    | HTC | HTC-RE | HTAF | HTAF-RE | HTAXF | HTAXF-RE | HTiN | HN (μK10) | XTAF | XTAXF | XTAXF-RE | XN (μK01) |
|-----|-----|----|------------|-----|--------|------|---------|-------|----------|------|-----------|------|-------|----------|-----------|
| 1.0 | 20° | 5° | 743SF-10/3 | ■   | ■      | ■    | ■       | ■     | ■        | □    | ■         | ■    | ■     | □        | □         |



Tournage arrière finition  
Rückwärts drehen schlichten  
Back turning for finishing

| E    | B   | L   | L1  | A   | A1 | A2  | Art. N°                | HTAF-RE | XTAF-RE |
|------|-----|-----|-----|-----|----|-----|------------------------|---------|---------|
| 0.08 | 1.0 | 1.6 | 2.5 | 30° | 5° | 2°  | 743SF-8/0-2°-30°-1.0   | ■       | ■       |
| 0.15 | 1.2 | 1.8 | 4.0 | 30° | 3° | 2°  | 743SF-15/0-2°-30°-1.2  | ■       | ■       |
| 0.1  | 1.0 | 1.3 | 2.5 | 35° | 5° | 10° | 743SF-10/0-10°-35°-1.0 | ■       | ■       |

7XX-XX-B



Sur demande pour serrage type B, voir page 21  
Wahlweise für B-Spannsystem, siehe Seite 21  
On request for B clamping system, see page 21

■ = disponible / verfügbar / available

□ = selon disponibilité du stock / je nach Lagerverfügbarkeit / depending on stock availability

www.applitec-tools.com //

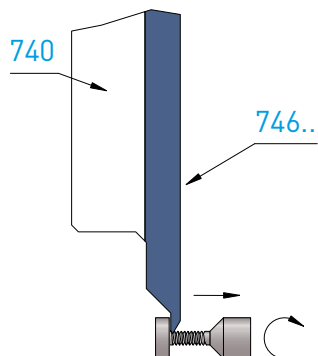
Filetage à profil partiel – norme NIHS

Gewinde drehen mit Teilprofil – Norm NIHS

Threading with partial profile – norm NIHS

R/L

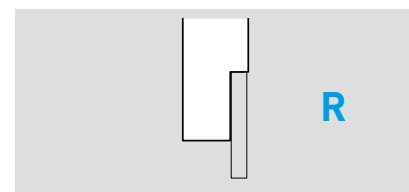
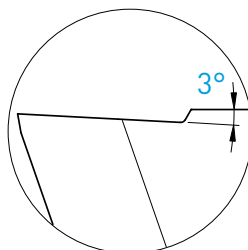
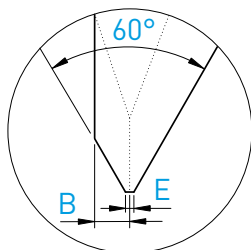
746SF / 736SF



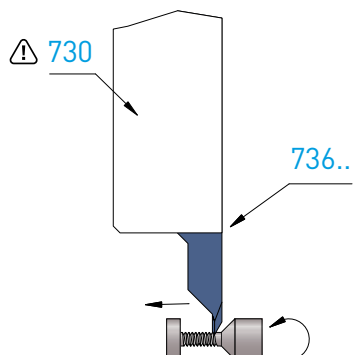
filetage à droite  
sens rotation machine M3

Rechtgewinde Drehrichtung  
den Machine M3

Right-hand thread rotating  
machinery M3



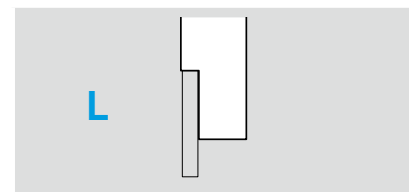
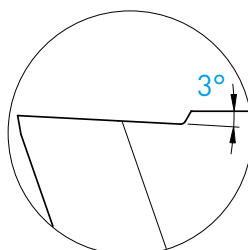
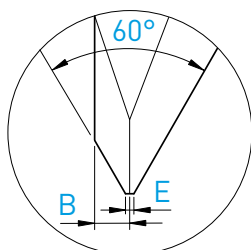
|       | Pas<br>Steigung<br>Pitch<br>P | B    | E 0/-0.01 | Art. N°              | HTAF<br>HN (μK10) |
|-------|-------------------------------|------|-----------|----------------------|-------------------|
| S0.50 | 0.125                         | 0.07 | 0.015     | 746SFX3-A60-S0.50-AR | ■ ■               |
| S0.60 | 0.150                         | 0.09 | 0.020     | 746SFX3-A60-S0.60-AR | ■ ■               |
| S0.70 | 0.175                         | 0.10 | 0.020     | 746SFX3-A60-S0.70-AR | ■ ■               |
| S0.80 | 0.200                         | 0.12 | 0.025     | 746SFX3-A60-S0.80-AR | ■ ■               |
| S0.90 | 0.225                         | 0.13 | 0.030     | 746SFX3-A60-S0.90-AR | ■ ■               |
| S1.00 | 0.250                         | 0.15 | 0.035     | 746SFX3-A60-S1.00-AR | ■ ■               |



filetage à droite  
sens rotation machine M4

Rechtgewinde Drehrichtung  
den Machine M4

Right-hand thread rotating  
machinery M4



|       | Pas<br>Steigung<br>Pitch<br>P | B    | E 0/-0.01 | Art. N°              | HTAF<br>HN (μK10) |
|-------|-------------------------------|------|-----------|----------------------|-------------------|
| S0.50 | 0.125                         | 0.07 | 0.015     | 736SFX3-A60-S0.50-AR | ■ ■               |
| S0.60 | 0.150                         | 0.09 | 0.020     | 736SFX3-A60-S0.60-AR | ■ ■               |
| S0.70 | 0.175                         | 0.10 | 0.020     | 736SFX3-A60-S0.70-AR | ■ ■               |
| S0.80 | 0.200                         | 0.12 | 0.025     | 736SFX3-A60-S0.80-AR | ■ ■               |
| S0.90 | 0.225                         | 0.13 | 0.030     | 736SFX3-A60-S0.90-AR | ■ ■               |
| S1.00 | 0.250                         | 0.15 | 0.035     | 736SFX3-A60-S1.00-AR | ■ ■               |

7XX-XX-B



Sur demande pour serrage type B, voir page 21  
Wahlweise für B-Spannsystem, siehe Seite 21  
On request for B clamping system, see page 21

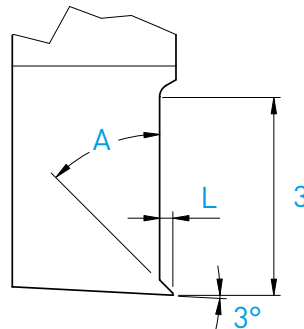
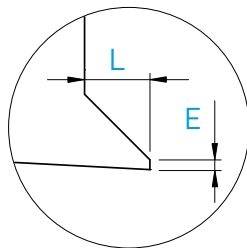
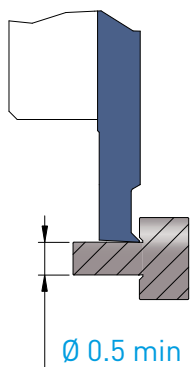
Plaquettes piqure avant

Fronteinstich WSP

Front grooving inserts

R

748SF



| E 0/-0.01 | A   | L   | Art. N°            | HTC | HTC-RE | HTAF | HTAF-RE | HTIN | HN (μK10) |
|-----------|-----|-----|--------------------|-----|--------|------|---------|------|-----------|
| 0.03      | 45° | 0.2 | 748SF-E03-A45°-L20 | ■   | ■      | ■    | ■       | □    | ■         |
| 0.05      | 45° | 0.3 | 748SF-E05-A45°-L30 | ■   | ■      | ■    | ■       | ■    | ■         |
| 0.08      | 45° | 0.5 | 748SF-E08-A45°-L50 | ■   | ■      | ■    | ■       | □    | ■         |

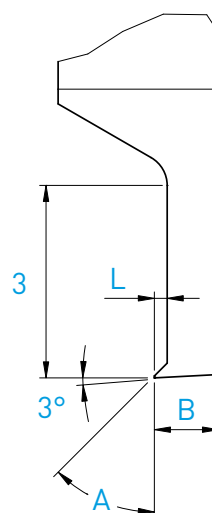
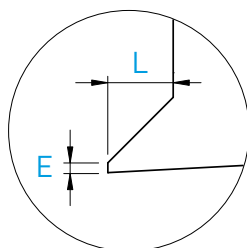
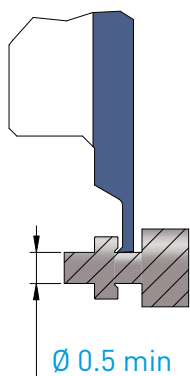
Plaquettes piqure arrière

Rüceinstich WSP

Back grooving inserts

R

749SF



| E 0/-0.01 | A   | L   | B   | Art. N°                 | HTC | HTC-RE | HTAF | HTAF-RE | HTIN | HN (μK10) |
|-----------|-----|-----|-----|-------------------------|-----|--------|------|---------|------|-----------|
| 0.03      | 45° | 0.2 | 1.0 | 749SF-E03-A45°-L20-B100 | ■   | ■      | ■    | ■       | □    | ■         |
| 0.05      | 45° | 0.3 | 1.0 | 749SF-E05-A45°-L30-B100 | ■   | □      | ■    | ■       | □    | ■         |
| 0.08      | 45° | 0.5 | 1.2 | 749SF-E08-A45°-L50-B120 | ■   | ■      | ■    | ■       | □    | ■         |

7XX-XX-B

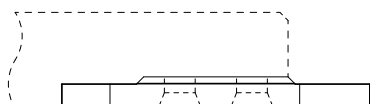
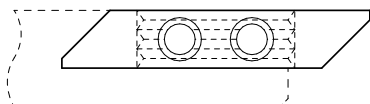


Sur demande pour serrage type B, voir page 21  
Wahlweise für B-Spannsystem, siehe Seite 21  
On request for B clamping system, see page 21

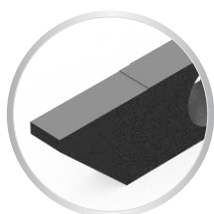
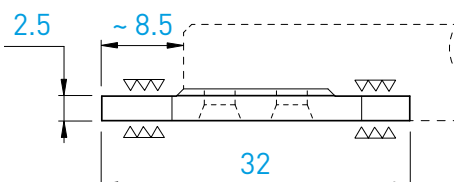
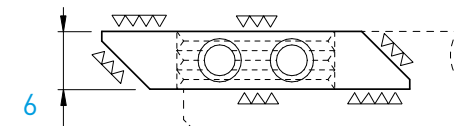
■ = disponible / verfügbar / available

□ = selon disponibilité du stock / je nach Lagerverfügbarkeit / depending on stock availability

L



R



L

R

| Art. N° | HTC | HTAF | HTAXF | HTiN | HN (μK10) | XTC | XTAF | XN (μK01) | Art. N° | HTC | HTAF | HTAXF | HTiN | HN (μK10) | XTC | XTAF | XN (μK01) |
|---------|-----|------|-------|------|-----------|-----|------|-----------|---------|-----|------|-------|------|-----------|-----|------|-----------|
| 731-ESF | ■   | ■    | ■     | ■    | ■         | ■   | ■    | ■         | 741-ESF | ■   | ■    | ■     | ■    | ■         | ■   | ■    | ■         |

7XX-XX-B



Sur demande pour serrage type B, voir page 21  
Wahlweise für B-Spannsystem, siehe Seite 21  
On request for B clamping system, see page 21

Porte-outils

Coupe à droite déportée

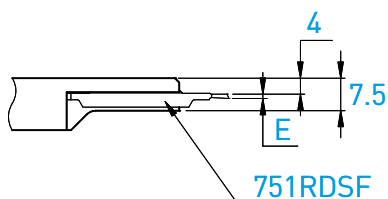
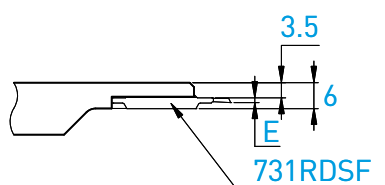
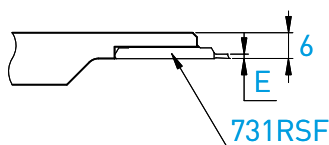
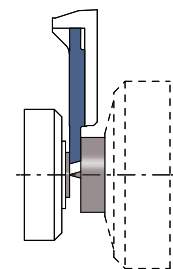
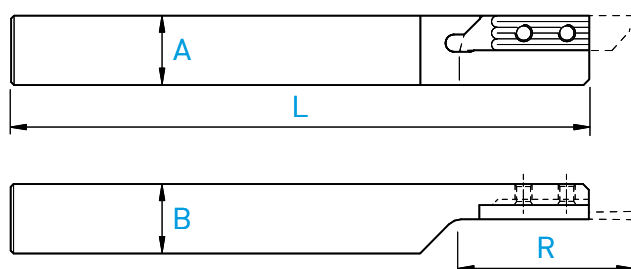
Halter

Versetztes Rechtsschneiden

Holders

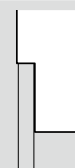
Right cut off line

## 730RC / 750RC



**L (R)**

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line



| A x B   | L   | R  | Art. N°         |
|---------|-----|----|-----------------|
| 8 x 8   | 115 | 24 | <b>730RC-8</b>  |
| 10 x 10 | 115 | 24 | <b>730RC-10</b> |
| 12 x 12 | 130 | 30 | <b>730RC-12</b> |
| 16 x 16 | 130 | 40 | <b>730RC-16</b> |

| A x B   | L   | R  | Art. N°         |
|---------|-----|----|-----------------|
| 12 x 12 | 130 | 30 | <b>750RC-12</b> |
| 16 x 16 | 130 | 40 | <b>750RC-16</b> |

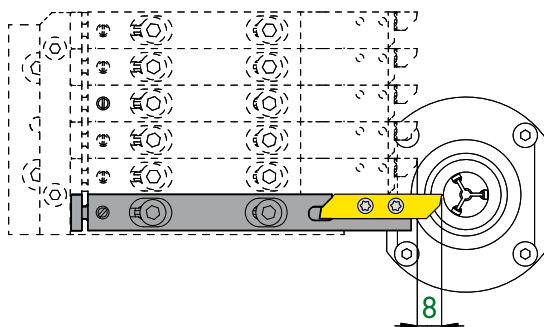
Porte-outils spéciaux de tronçonnage

Sonder Abstechwerkzeughalter

Special parting off tool holders

## MODU-LINE

## ML12



| Type de machine<br>Maschinen-Typ<br>Type of machine | Porte-outils<br>Halter<br>Holders | Art. N°                       | Plaquettes<br>Wendeplatten<br>Inserts |
|-----------------------------------------------------|-----------------------------------|-------------------------------|---------------------------------------|
| SwissNano                                           | ML12                              | <b>ML12A-730RC-SWISS-NANO</b> | 731RSF / 731RDSF                      |
| SwissNano                                           | ML12                              | <b>ML12A-750RC-SWISS-NANO</b> | 751RDSF                               |

Voir documentation MODU-Line  
Siehe MODU-Line Dokumentation  
See MODU-Line documentation

Tronçonnage

Abstechen

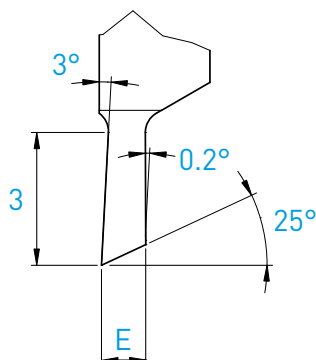
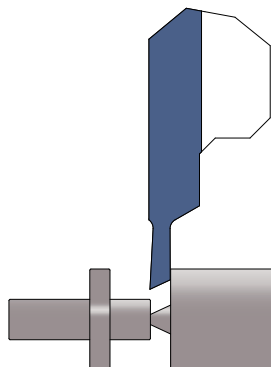
Parting off

Coupe à droite déportée

Versetztes Rechtsschneiden

Right cut off line

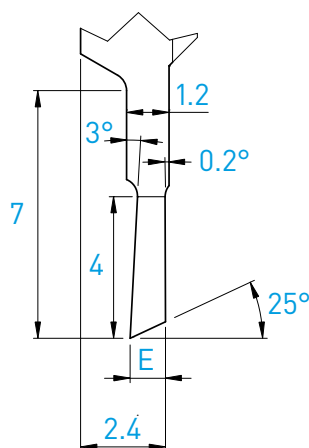
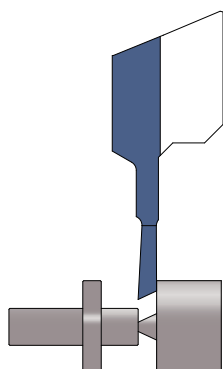
**731R / 751R**



**L (R)**

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

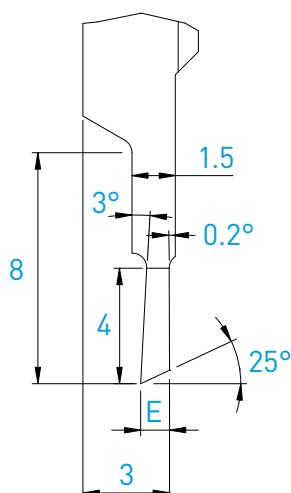
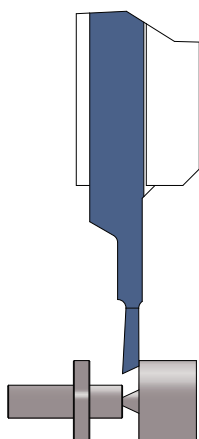
| E   | Art. N°               | HTAF | HTiN | HN (μK10) |
|-----|-----------------------|------|------|-----------|
| 1.0 | <b>731RSF-1.0-25°</b> | ■    | ■    | ■         |



**L (R)**

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | Art. N°                | HTAF | HTiN | HN (μK10) |
|-----|------------------------|------|------|-----------|
| 0.8 | <b>731RDSF-0.8-25°</b> | ■    | ■    | ■         |
| 1.0 | <b>731RDSF-1.0-25°</b> | ■    | □    | ■         |



**L (R)**

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | Art. N°                | HTAF | HTiN | HN (μK10) |
|-----|------------------------|------|------|-----------|
| 0.8 | <b>751RDSF-0.8-25°</b> | ■    | ■    | ■         |
| 1.0 | <b>751RDSF-1.0-25°</b> | ■    | □    | ■         |

L'outil de référence pour le décolletage

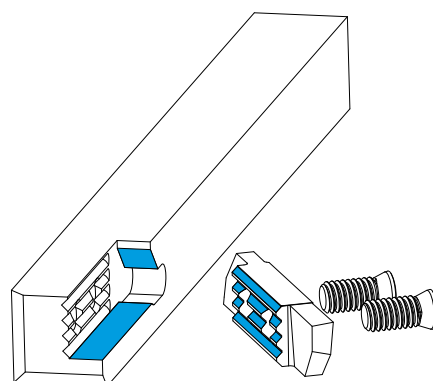
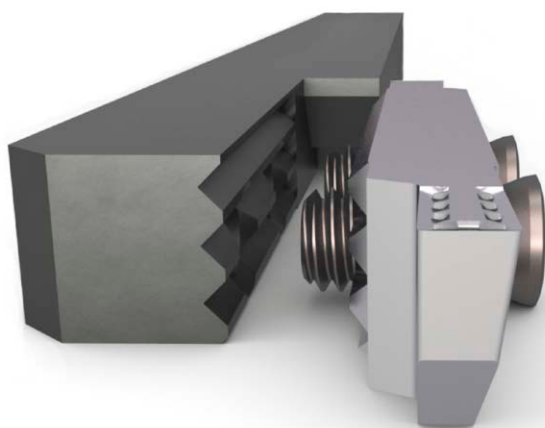
Hochwertiges Wendeplattensystem für Langdrehautomaten

Top-class turning tools for automatic lathes

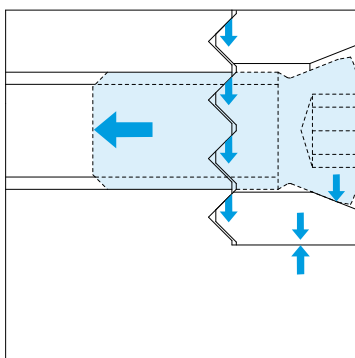
**700 Series**

## 100% rigid!

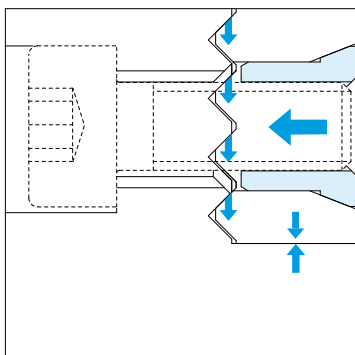
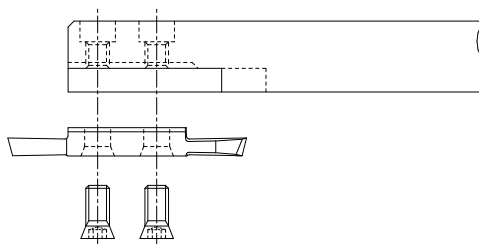
Système de serrage Applitec à denture décalée  
Applitec-Spannsystem mit verschobener Verzahnung  
Applitec clamping system with shifted teeth



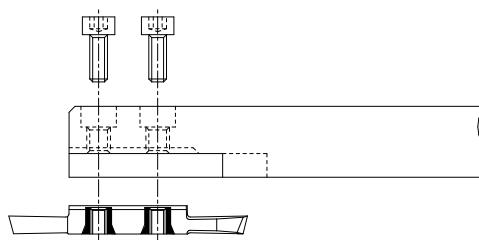
**Patented**



**Serrage standard (A)**  
**Standard Spannsystem (A)**  
**Standard clamping system (A)**



**Serrage type B\***  
**Spannsystem Typ B\***  
**Clamping system type B\***



ajouter -B après le numéro d'article  
-B nach der Artikelreferenz hinzufügen  
add -B after the article number

Changement de la plaquette possible dans la machine, sans démontage du porte-outil  
WSP-Austauschmöglichkeit in der Maschine ohne Halterausbau  
The insert can be changed in the machine without removing the tool holder

PERFORMANCE | PRECISION | RIGIDITY



**APPLITEC**  
SWISS TOOLING



Applitec Moutier S.A. | Ch. Nicolas-Junker 2 | CH-2740 Moutier  
Tél. +41 32 494 60 20 | [info@applitec-tools.com](mailto:info@applitec-tools.com)  
[www.applitec-tools.com](http://www.applitec-tools.com)

SWISS MADE