

Outils pour tronçonnage réglables en hauteur

Tools for rear processing System high adjustable tool-holders

Der Grundhalter dient als Basis für die Aufnahme der HAT-Werkzeugsysteme auf die entsprechenden Maschinen. Darauf werden alle Halter und Werkzeuge mit oder ohne Zwischenplatte montiert. Entsprechend den Montagemöglichkeiten an den Maschinen ist der Grundhalter mit verschiedenen Bohrbildern (siehe Seite B-02 und B-04) ausgestattet.

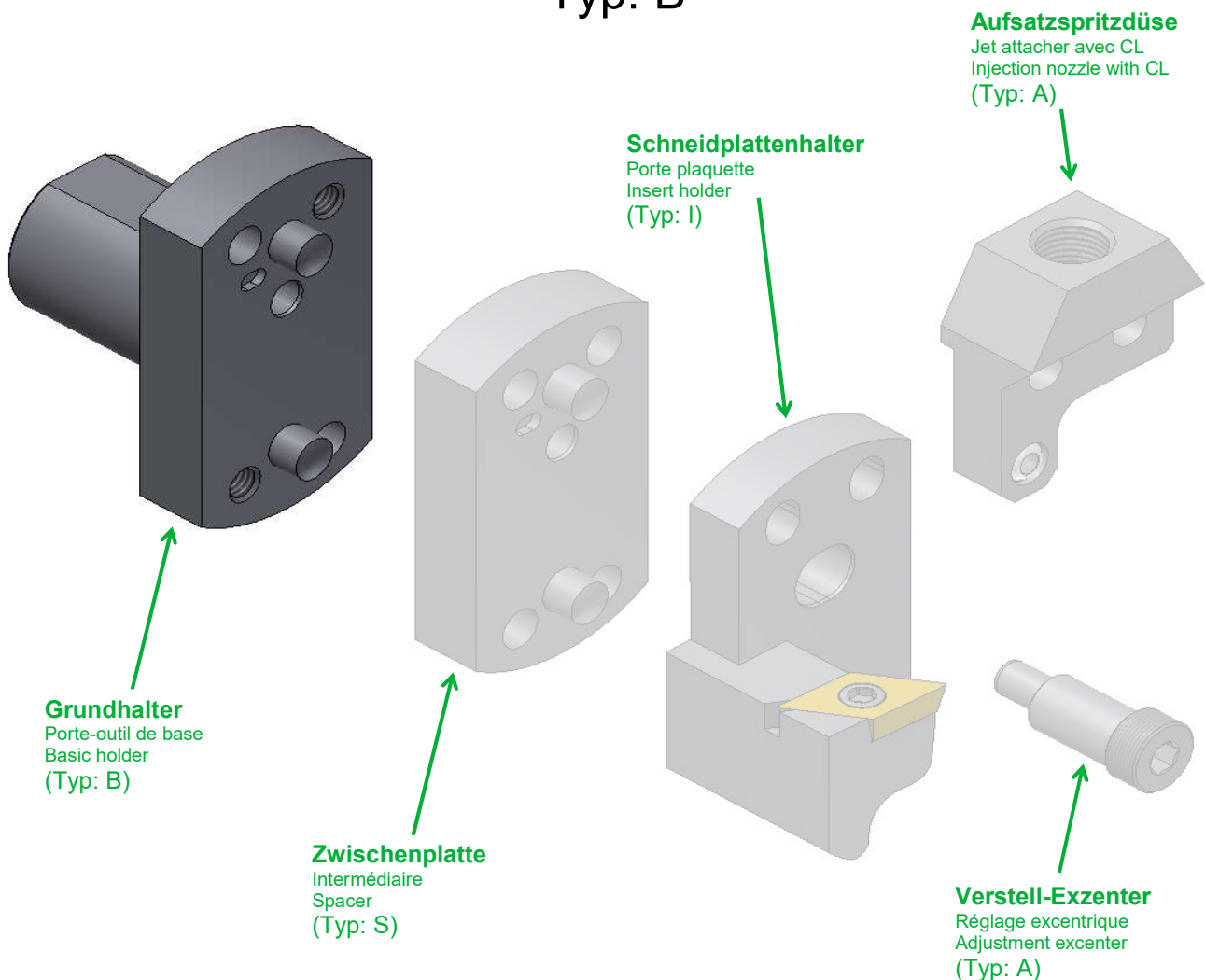
Le porte-outil de base est la base de l'intégration des systèmes d'outils de la HAT sur la machine correspondante. Puis tous les manches et les outils sont montés avec ou sans plaques intermédiaires. Selon les options de montage sur les machines le porte-outil de base est équipé avec des différents motifs de trous (voir page B-02 et B-04).

The basic tool holder is the basis for the inclusion of the HAT tool systems on the corresponding machine. Then all holders and tools are mounted with or without spacers. According to the mounting options on the machines the basic tool holder is equipped with different hole patterns (see page B-02 and B-04).

## Grundhalter

Porte-outil de base / Basic holder

Typ: B



VALTEC Toolsystems GmbH / Bernstrasse 52 / CH-4923 Wynau

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Spezifikation / Spécification / Specification

Grundhalter / Porte-outil de base / Basic holder

|                                                                                      |                   |                                                       |                                                                                                                                                                                                                                                    |    |
|--------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Bohrbild Halter:<br>Schéma de perçage de porte / Drilling pattern of holder:         | <div>HAT 02</div> | <div>HAT 05</div>                                     | <div>HAT 06</div>                                                                                                                                                                                                                                  |    |
|                                                                                      | <div>HAT 07</div> | <div>HAT 25</div>                                     | <div>Doppelgrundhalter für die Montage der Schneidplattenhalter I02 und I05<br/>Porte-outil de base à double pour le montage des porte-plaquettes I02 et I05<br/>Double basic tool holder for the assembly of the insert holders I02 and I05</div> |    |
| Schaftdurchmesser D:<br>Diamètre de l'arbre / Shaft diameter:                        |                   | Schaftlänge L:<br>Longueur de l'arbre / Shaft length: |                                                                                                                                                                                                                                                    |    |
|                                                                                      |                   |                                                       |                                                                                                                                                                                                                                                    |    |
| Anzahl Spannflächen F:<br>Nombre des surfaces de serrage / Number clamping surfaces: | 0F                | 1F                                                    | 2F                                                                                                                                                                                                                                                 | 4F |
|                                                                                      |                   |                                                       |                                                                                                                                                                                                                                                    |    |

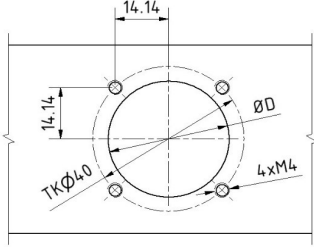
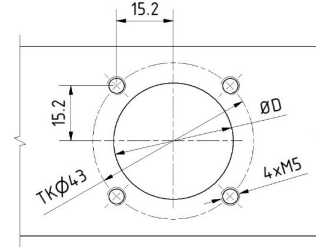
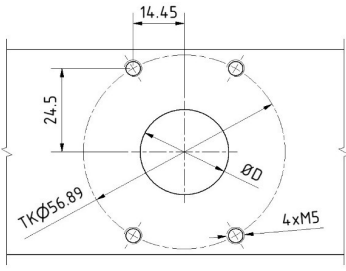
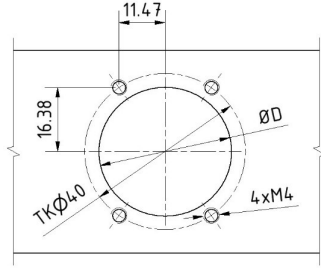
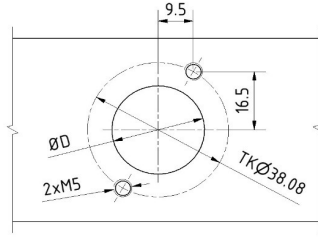
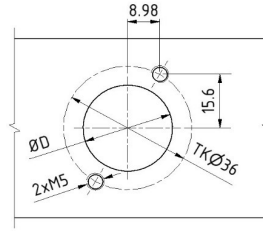
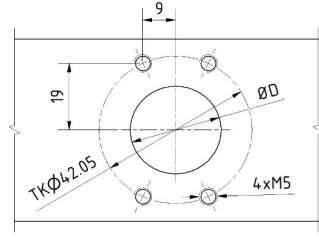
## Spezifikation / Spécification / Specification

### Grundhalter / Porte-outil de base / Basic holder

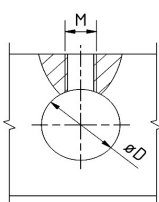
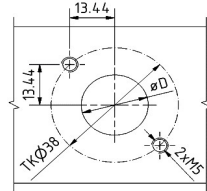
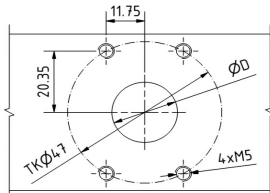
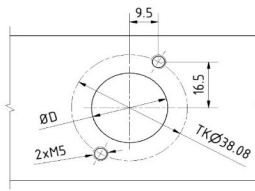
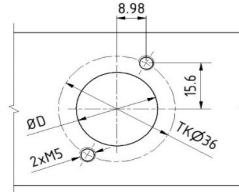
| <b>Bohrbild Maschine:</b><br><small>Schéma de perçage de machine / Drilling pattern of machine:</small> |               |               |
|---------------------------------------------------------------------------------------------------------|---------------|---------------|
|                                                                                                         | <b>01</b><br> | <b>02</b><br> |
| <b>03</b><br>                                                                                           | <b>04</b><br> | <b>05</b><br> |
| <b>06</b><br>                                                                                           | <b>07</b><br> | <b>08</b><br> |
| <b>09</b><br>                                                                                           | <b>10</b><br> | <b>11</b><br> |
| <b>12</b><br>                                                                                           | <b>13</b><br> | <b>14</b><br> |
| <b>12</b><br>                                                                                           | <b>13</b><br> | <b>14</b><br> |

## Spezifikation / Spécification / Specification

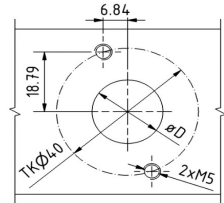
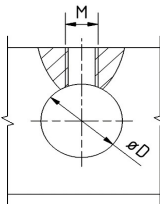
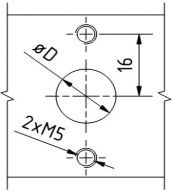
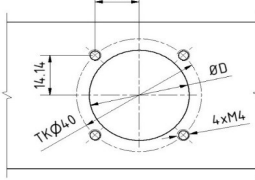
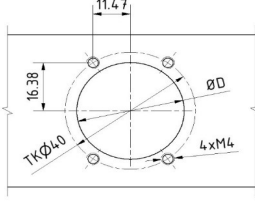
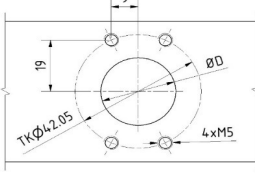
### Grundhalter / Porte-outil de base / Basic holder

| <b>Bohrbild Maschine:</b><br>Schéma de perçage de machine / Drilling pattern of machine: | <b>15</b>                                                                           | <b>16</b>                                                                             |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                          |    |    |
|                                                                                          | <b>18</b>                                                                           | <b>19</b>                                                                             |
| <b>17</b>                                                                                |    |    |
| <b>20</b>                                                                                | <b>21</b>                                                                           | <b>22</b>                                                                             |
|       |  |  |

## Maschinenzuweisung / Machine affectation / Machine assignment

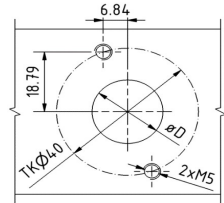
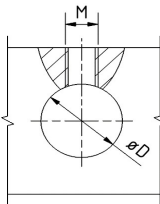
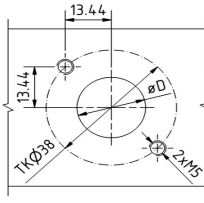
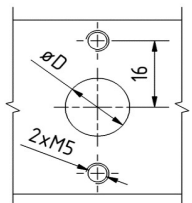
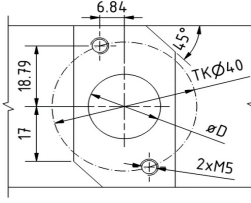
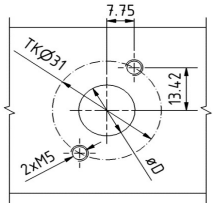
| Hersteller               | Bohrbild                                                                            | Durchmesser D           | Maschinentyp                  | Grundhalter                        |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------|-------------------------------|------------------------------------|
| Fabricant / Manufacturer | Schéma de perçage / Drilling pattern                                                | Diamètre D / Diameter D | Type de machine / Machine typ | Porte-outil de base / Basic holder |
| <b>Citizen</b>           | <b>Bohrbild Maschine 02</b>                                                         |                         |                               |                                    |
|                          |    | 20mm                    | K16                           | B02-02-20100-4F                    |
|                          |                                                                                     | 20mm                    | K16                           | B05-02-20060-2F                    |
|                          |                                                                                     | 20mm                    | L720-7                        | B25-02-20040-1F                    |
|                          |                                                                                     | 25mm                    | L20-12,                       | B02-02-25060-4F                    |
|                          |                                                                                     | 5/8"                    | R07                           | B02-02-05040-4F                    |
|                          |                                                                                     | 3/4"                    | L12-7                         | B02-02-06030-2F                    |
|                          |                                                                                     | 3/4"                    | C16, L20-8, M16               | B02-02-06060-2F                    |
|                          |                                                                                     | 3/4"                    | L720-7                        | B25-02-06040-1F                    |
|                          |                                                                                     | 1"                      | C32, L32, M32                 | B02-02-08070-2F                    |
|                          |                                                                                     | 1"                      | C32, L32, M32                 | B25-02-08025-1F                    |
|                          | <b>Bohrbild Maschine 03</b>                                                         |                         |                               |                                    |
|                          |    | 31mm                    | A32-7                         | B02-03-31015-0F                    |
|                          |                                                                                     |                         |                               |                                    |
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|                          | <b>Bohrbild Maschine 11</b>                                                         |                         |                               |                                    |
|                          |  | 31mm                    | L32                           | B02-11-31032-1F                    |
|                          |                                                                                     |                         |                               |                                    |
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|                          | <b>Bohrbild Maschine 20</b>                                                         |                         |                               |                                    |
|                          |  | 25mm                    | L20-10, L20-12, L12           | B02-20-25030-0F                    |
|                          |                                                                                     |                         |                               |                                    |
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|                          | <b>Bohrbild Maschine 21</b>                                                         |                         |                               |                                    |
|                          |  | 25mm                    | A20                           | B02-21-25030-0F                    |
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Maschinenzuweisung / Machine affectation / Machine assignment

| Hersteller               | Bohrbild                                                                                                           | Durchmesser D           | Maschinentyp                    | Grundhalter                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------|------------------------------------|
| Fabricant / Manufacturer | Schéma de perçage / Drilling pattern                                                                               | Diamètre D / Diameter D | Type de machine / Machine typ   | Porte-outil de base / Basic holder |
| Hanwaha                  | <b>Bohrbild Maschine 01</b><br>   | 23mm                    | XD12H                           | B02-01-23019-0F-X                  |
|                          | <b>Bohrbild Maschine 02</b><br>   | 20mm                    | SL12H                           | B02-02-20040-4F                    |
|                          |                                                                                                                    | 25mm                    | STL32, STL38                    | B02-02-25035-4F                    |
|                          |                                                                                                                    | 25mm                    | STL32H, STL35H, STL33J, STL35J  | B02-02-25060-4F                    |
|                          |                                                                                                                    | 28mm                    | SL26HPD, SL35HPD                | B02-02-28006-2F                    |
|                          |                                                                                                                    | 32mm                    | XD32                            | B02-02-32025-4F                    |
|                          |                                                                                                                    | 33mm                    | XD20H, XD32H, XD20J, XD32J      | B02-02-33040-2F                    |
|                          |                                                                                                                    | 34mm                    | SL20HP II, SL26HP II, SL35HP II | B02-02-34044-2F                    |
|                          | <b>Bohrbild Maschine 05</b><br>  | 15mm                    | XD12H                           | B05-05-15010-0F                    |
|                          | <b>Bohrbild Maschine 15</b><br> | 32mm                    | XD38H                           | B02-15-32025-1F                    |
|                          | <b>Bohrbild Maschine 19</b><br> | 33mm                    | XD26H II                        | B02-19-33035-0F                    |
|                          | <b>Bohrbild Maschine 22</b><br> | 25mm                    | XD12 II                         | B02-22-25020-0F                    |

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Maschinenzuweisung / Machine affectation / Machine assignment

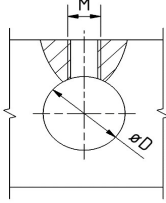
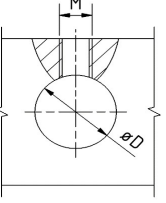
| Hersteller               | Bohrbild                                                                                                           | Durchmesser D           | Maschinentyp                          | Grundhalter                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------|------------------------------------|
| Fabricant / Manufacturer | Schéma de perçage / Drilling pattern                                                                               | Diamètre D / Diameter D | Type de machine / Machine typ         | Porte-outil de base / Basic holder |
| Star                     | <b>Bohrbild Maschine 01</b><br>   | 22mm                    | ST12R-G                               | B02-01-22024-0F-X                  |
|                          |                                                                                                                    | 22mm                    | SR10J, SR20R, SR32J, ECAS12, ECAS20   | B02-01-22025-1F                    |
|                          |                                                                                                                    | 22mm                    | SR10J, SR20R, SR32J, ECAS12, ECAS20   | B02-01-22025-1F-XK                 |
|                          |                                                                                                                    |                         |                                       |                                    |
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|                          |                                                                                                                    |                         |                                       |                                    |
|                          |                                                                                                                    |                         |                                       |                                    |
|                          | <b>Bohrbild Maschine 02</b><br>   | 16mm                    | RNC-16 B                              | B02-02-16020-1F                    |
|                          |                                                                                                                    | 22mm                    | SR10J                                 | B02-02-22015-1F                    |
|                          |                                                                                                                    | 22mm                    | SA16, SB16, SB20R-E, SB20R-G, SB20R-N | B02-02-22070-2F                    |
|                          |                                                                                                                    | 22mm                    | SR20R, SR32J                          | B25-02-22025-1F                    |
|                          |                                                                                                                    | 22mm                    | SR20R, SR32J                          | B52-02-22025-2F                    |
|                          |                                                                                                                    |                         |                                       |                                    |
|                          |                                                                                                                    |                         |                                       |                                    |
|                          | <b>Bohrbild Maschine 03</b><br>  | 22mm                    | SR32J                                 | B02-03-22025-0F                    |
|                          |                                                                                                                    |                         |                                       |                                    |
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|                          | <b>Bohrbild Maschine 05</b><br> | 16mm                    | SR10J, SL-7/10                        | B05-05-16010-0F                    |
|                          |                                                                                                                    |                         |                                       |                                    |
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|                          | <b>Bohrbild Maschine 06</b><br> | 22mm                    | SR10J                                 | B06-06-22015-0F                    |
|                          |                                                                                                                    |                         |                                       |                                    |
|                          |                                                                                                                    |                         |                                       |                                    |
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|                          | <b>Bohrbild Maschine 07</b><br> | 16mm                    | SR16,SR20                             | B02-07-16021-0F                    |
|                          |                                                                                                                    |                         |                                       |                                    |
|                          |                                                                                                                    |                         |                                       |                                    |
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| Hersteller               | Bohrbild                             | Durchmesser D           | Maschinentyp                             | Grundhalter                        |
|--------------------------|--------------------------------------|-------------------------|------------------------------------------|------------------------------------|
| Fabricant / Manufacturer | Schéma de perçage / Drilling pattern | Diamètre D / Diameter D | Type de machine / Machine typ            | Porte-outil de base / Basic holder |
| Gildemeister             | <b>Bohrbild Maschine 02</b><br>      | 20mm                    | Sprint 20                                | B-02-20040-4F                      |
|                          |                                      |                         |                                          |                                    |
|                          |                                      |                         |                                          |                                    |
|                          |                                      |                         |                                          |                                    |
|                          |                                      |                         |                                          |                                    |
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| Maier                    | <b>Bohrbild Maschine 04</b><br>      | 34mm                    | MLK DY36                                 | B02-04-34018-1F-CL10               |
|                          |                                      | 34mm                    | ML12, ML16, ML20, ML26, ML32             | B02-04-34030-1F-CL10               |
|                          |                                      |                         |                                          |                                    |
|                          |                                      |                         |                                          |                                    |
|                          |                                      |                         |                                          |                                    |
|                          |                                      |                         |                                          |                                    |
| Manurhin                 | <b>Bohrbild Maschine 02</b><br>      | 16mm                    | KMX4/13                                  | B02-02-16019-2F                    |
|                          |                                      | 20mm                    | Swing 7-13                               | B02-02-20100-4F                    |
|                          |                                      | 22mm                    | EVO 7 (angetriebene Werkzeuge)           | B02-02-22070-2F                    |
|                          |                                      | 25mm                    | Swing: 10-20, 10-26, 10-32; EVO 7        | B02-02-25050-1F                    |
|                          |                                      | 25mm                    | KMX: 5/20, 5/26, 5/32; Swing: 7-20, 7-26 | B02-02-25100-4F                    |
|                          |                                      |                         |                                          |                                    |
| TCM Industry             | <b>Bohrbild Maschine 17</b><br>      | 36mm                    | TCM-Series 20S, 26S, 32S, 38S            | B02-17-36035-14F                   |
|                          |                                      |                         |                                          |                                    |
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| Tornos                   | <b>Bohrbild Maschine 02</b><br>      | 20mm                    | Gamma 20                                 | B02-02-20070-4F                    |
|                          |                                      | 20mm                    | Deco 7/10, Deco 13, Deco 20              | B02-02-20100-4F                    |
|                          |                                      | 22mm                    | Delta 20, Gamma 20, DT 26                | B02-02-22070-2F                    |
|                          |                                      | 25mm                    | Deco 7/10, Deco 13, Deco 20              | B02-02-25100-4F                    |
|                          |                                      | 32mm                    | Delta 38/5                               | B02-02-32070-4F                    |
|                          |                                      |                         |                                          |                                    |
|                          | <b>Bohrbild Maschine 08</b><br>      | 28mm                    | CT 20                                    | B02-08-28028-0F                    |
|                          |                                      |                         |                                          |                                    |
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Stand: 23.01.2024

## Maschinenzuweisung / Machine affectation / Machine assignment

| Hersteller               | Bohrbild                                                                                                         | Durchmesser D           | Maschinentyp                  | Grundhalter                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|------------------------------------|
| Fabricant / Manufacturer | Schéma de perçage / Drilling pattern                                                                             | Diamètre D / Diameter D | Type de machine / Machine typ | Porte-outil de base / Basic holder |
| Traub                    | <b>Bohrbild Maschine 02</b><br> | 28mm                    | TNL12                         | B02-02-28040-2F                    |
|                          |                                                                                                                  | 28mm                    | TNL/C12, TNL/C12K             | B02-02-28078-2F                    |
|                          |                                                                                                                  |                         |                               |                                    |
|                          |                                                                                                                  |                         |                               |                                    |
|                          |                                                                                                                  |                         |                               |                                    |
|                          |                                                                                                                  |                         |                               |                                    |
| Tsugami                  | <b>Bohrbild Maschine 02</b><br> | 20mm                    | S205                          | B02-02-20030-4F                    |
|                          |                                                                                                                  | 20mm                    | B012, B020, S205              | B02-02-20040-4F                    |
|                          |                                                                                                                  | 20mm                    | BS12, BS20                    | B02-02-20060-4F                    |
|                          |                                                                                                                  | 25mm                    | BS12, BS20                    | B02-02-25035-4F                    |
|                          |                                                                                                                  | 25mm                    | BS12, BS20                    | B02-02-25060-4F                    |
|                          |                                                                                                                  | 5/8"                    | BS20B                         | B02-02-05040-4F                    |
|                          |                                                                                                                  |                         |                               |                                    |

Alle Angaben ohne Gewähr

Tous droits réservés

All statements without guarantee

## Bezeichnungsschlüssel / Clé d'identification / Identification key

### Grundhalter / Porte-outil de base / Basic holder

**B 02 - 02 - 25 060 - 2F - X**

#### Grundhalter:

Porte-outil de base / Basic holder:  
Typ: B

#### Bohrbild Halter:

Schéma de perçage de porte / Drilling pattern of holder:

02 = HAT 02  
05 = HAT 05  
06 = HAT 06  
07 = HAT 07  
25 = Doppelgrundhalter HAT 02/05

#### Bohrbild Maschine:

Schéma de perçage de machine / Drilling pattern of machine:

01 / 02 / 03 / 04  
05 / 06 / 07 / 08  
09 / 10 / 11 / 12  
13 / 14 / 15 / 16  
17 / 18 / 19 / 20  
21 / 22

#### Schaftdurchmesser D:

Diamètre de l'arbre / Shaft diameter:

05 = 5/8" (ø15.875mm) 23 = ø23mm  
06 = 3/4" (ø19.05mm) 25 = ø25mm  
08 = 1" (ø25.4mm) 28 = ø28mm  
15 = ø15mm 31 = ø31mm  
16 = ø16mm 32 = ø32mm  
20 = ø20mm 33 = ø33mm  
22 = ø22mm 34 = ø34mm

#### Schaftlänge L:

Longueur de l'arbre / Shaft length:

006 = 6mm 035 = 35mm  
010 = 10mm 037 = 37mm  
015 = 15mm 040 = 40mm  
018 = 18mm 044 = 44mm  
019 = 19mm 050 = 50mm  
020 = 20mm 060 = 60mm  
021 = 21mm 070 = 70mm  
025 = 25mm 078 = 78mm  
028 = 28mm 080 = 80mm  
030 = 30mm 100 = 100mm

#### Anzahl Spannflächen F:

Nombre des surfaces de serrage / Number clamping surfaces:

0F = 0 Spannflächen / 0 surfaces de serrage / 0 clamping surfaces  
1F = 1 Spannfläche / 1 surfaces de serrage / 1 clamping surfaces  
2F = 2 Spannflächen / 2 surfaces de serrage / 2 clamping surfaces  
4F = 4 Spannflächen / 4 surfaces de serrage / 4 clamping surfaces

#### Index (optional):

Index (optionnel) / Index (optional):

X = Spezialausführung / Modèle spécial / Special type  
CL = mit Kühlmittelbohrung / Réfrigérant perçage / Coolant bore  
CL09 = Gewinde / Filetage / Screw thread => M5  
CL10 = Gewinde / Filetage / Screw thread => M8x1  
CL11 = Gewinde / Filetage / Screw thread => M10x1

Grundhalter  
Porte-outil de base  
Basic holder

B02-01



Bohrbild Halter: B02

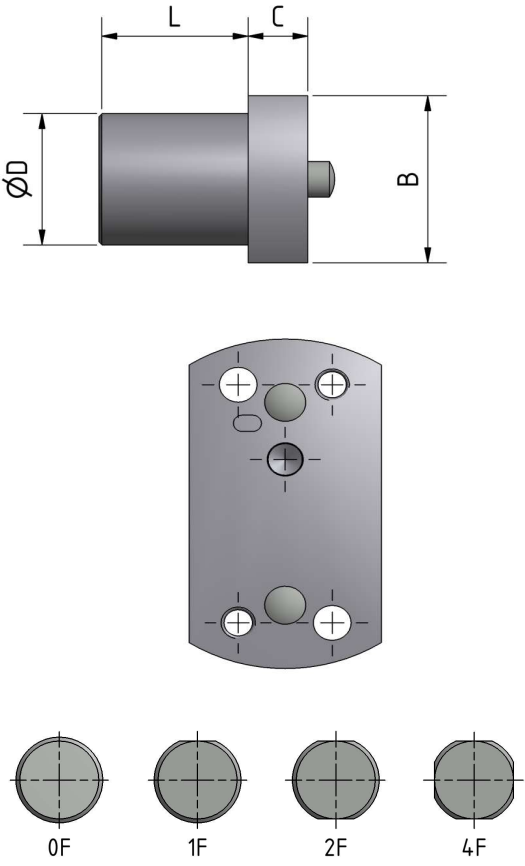
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 01

Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B02-01-22024-0F-X                           | 22                                                                       | 24                       | 28        | 40        | 0                           |
|                                                                                                                          | B02-01-22025-1F                             | 22                                                                       | 25                       | 28        | 10        | 1                           |
|                                                                                                                          | B02-01-22025-1F-XK                          | 22                                                                       | 25                       | 28        | 10        | 1                           |
|                                                                                                                          | B02-01-22025-1F-CL09-X                      | 22                                                                       | 25                       | 28        | 10        | 1                           |
|                                                                                                                          | B02-01-23019-0F-X                           | 23                                                                       | 19                       | 28        | 16        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-02



Bohrbild Halter: B02

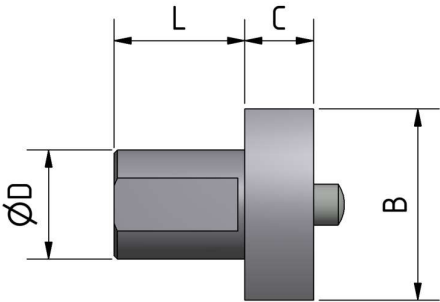
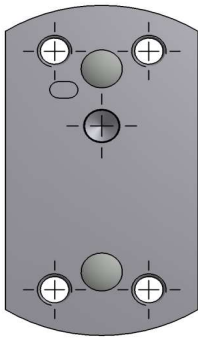
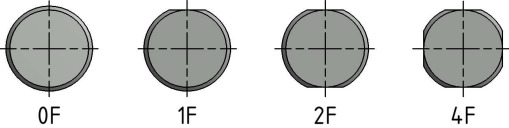
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 02

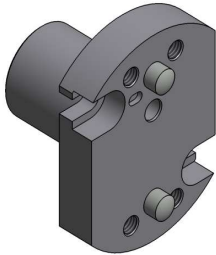
Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                                                                                                                                                       | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                                                                                                                                                            |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                                                                                                                                                       |                                             |                                                                          |                          |           |           |                             |
|    | B02-02-16019-2F                             | 16                                                                       | 19                       | 28        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-16020-1F                             | 16                                                                       | 20                       | 28        | 10        | 1                           |
|                                                                                                                                                                                                                                                            | B02-02-20030-4F                             | 20                                                                       | 30                       | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-20040-4F                             | 20                                                                       | 40                       | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-20060-4F                             | 20                                                                       | 60                       | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-20070-4F                             | 20                                                                       | 70                       | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-20100-4F                             | 20                                                                       | 100                      | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-22015-1F                             | 22                                                                       | 15                       | 28        | 10        | 1                           |
|                                                                                                                                                                                                                                                            | B02-02-22070-2F                             | 22                                                                       | 70                       | 28        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-25035-4F                             | 25                                                                       | 35                       | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-25050-1F                             | 25                                                                       | 50                       | 28        | 10        | 1                           |
|                                                                                                                                                                                                                                                            | B02-02-25060-4F                             | 25                                                                       | 60                       | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-25100-4F                             | 25                                                                       | 100                      | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-28006-2F                             | 28                                                                       | 6                        | 28        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-28040-2F                             | 28                                                                       | 40                       | 28        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-28078-2F                             | 28                                                                       | 78                       | 28        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-32025-4F                             | 32                                                                       | 25                       | 32        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-32070-4F                             | 32                                                                       | 70                       | 32        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-33040-2F                             | 33                                                                       | 40                       | 35        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-34044-2F                             | 34                                                                       | 44                       | 35        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-40050-4F                             | 40                                                                       | 50                       | 40        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-05040-4F                             | 5/8"                                                                     | 40                       | 28        | 10        | 4                           |
|                                                                                                                                                                                                                                                            | B02-02-06030-2F                             | 3/4"                                                                     | 30                       | 28        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-06060-2F                             | 3/4"                                                                     | 60                       | 28        | 10        | 2                           |
|                                                                                                                                                                                                                                                            | B02-02-08070-2F                             | 1"                                                                       | 70                       | 28        | 10        | 2                           |
| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request                                                                                                                                   |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-03



Bohrbild Halter: B02

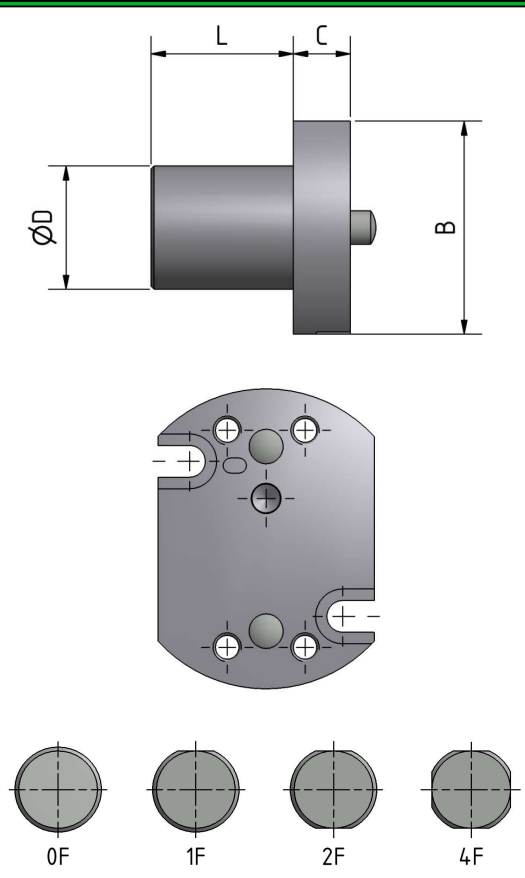
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 03

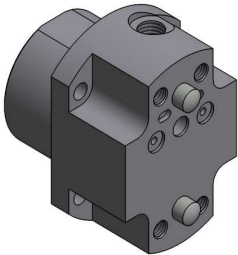
Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
| 3.04                                                                                                                     |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
|                                        | B02-03-22025-0F                             | 22                                                                       | 25                       | 38        | 10        | 0                           |
|                                                                                                                          | B02-03-31015-0F                             | 31                                                                       | 15                       | 38        | 10        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-04



Bohrbild Halter: B02

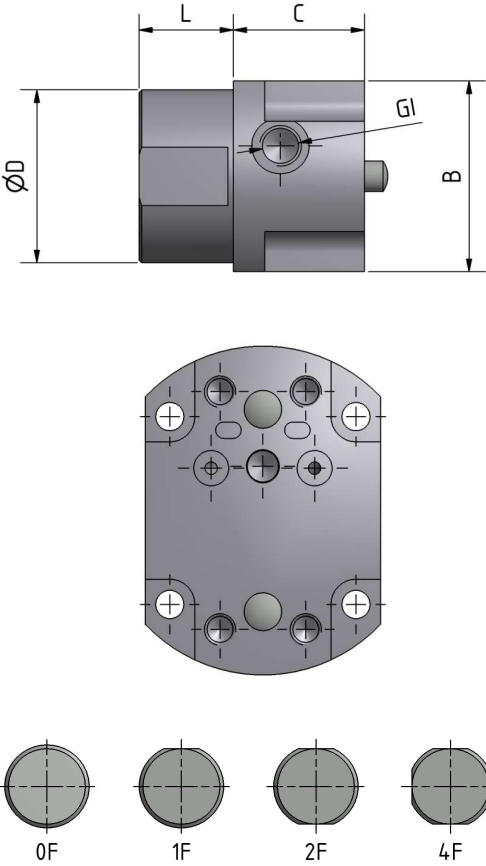
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 04

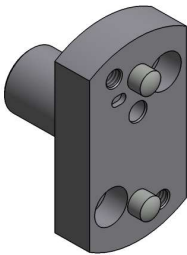
Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |                           |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|---------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F | Gewinde<br>G <sub>i</sub> |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |                           |
|                                        | B02-04-34018-1F-CL10                        | 34                                                                       | 18                       | 38        | 25        | 1                           | M8x1                      |
|                                                                                                                          | B02-04-34030-1F-CL10                        | 34                                                                       | 30                       | 38        | 25        | 1                           | M8x1                      |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |                           |
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|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |                           |
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|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |                           |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |                           |

Grundhalter  
Porte-outil de base  
Basic holder

B02-07



Bohrbild Halter: B02

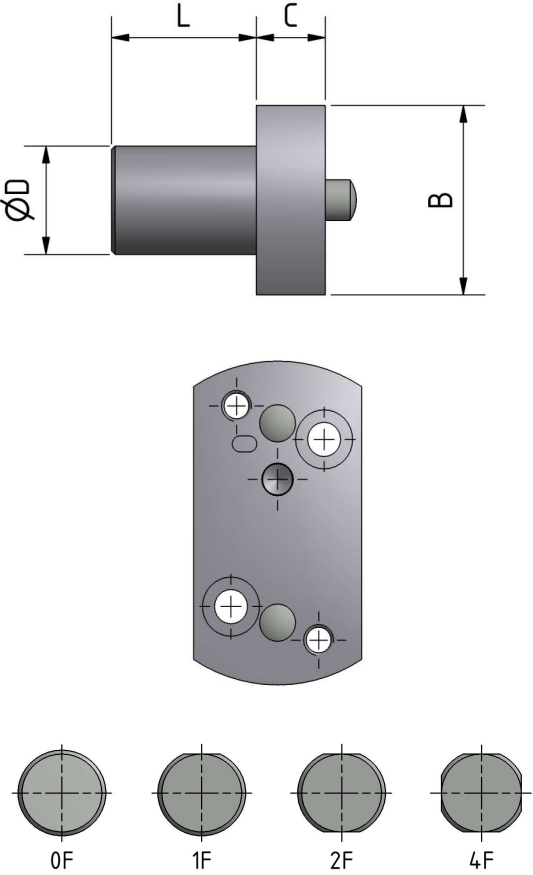
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 07

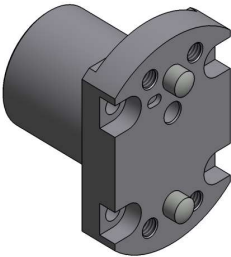
Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B02-07-16021-0F                             | 16                                                                       | 21                       | 28        | 10        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-08

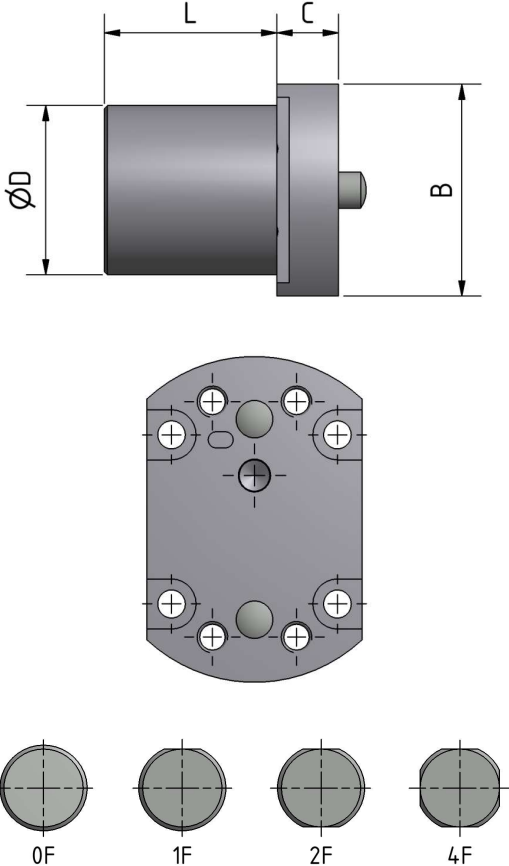


Bohrbild Halter: B02

Schéma de perçage de porte:  
Drilling pattern of holder:

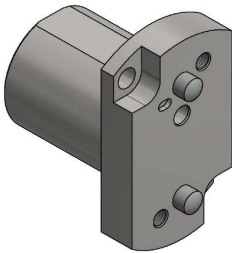
Bohrbild Maschine: 08

Schéma de perçage de machine:  
Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B02-08-28028-0F                             | 28                                                                       | 28                       | 35        | 10        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-11



Bohrbild Halter: B02

Schéma de perçage de porte:  
Drilling pattern of holder:

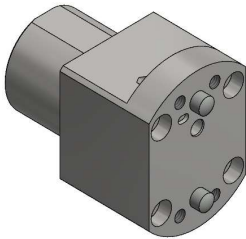
Bohrbild Maschine: 11

Schéma de perçage de machine:  
Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                                                                                                          | B02-11-31032-1F                             | 31                                                                       | 32                       | 32        | 10        | 1                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-15



Bohrbild Halter: B02

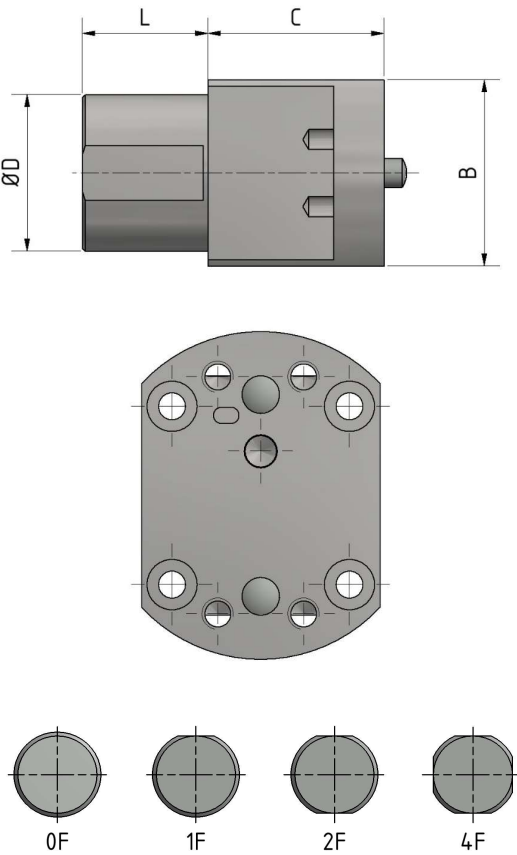
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 15

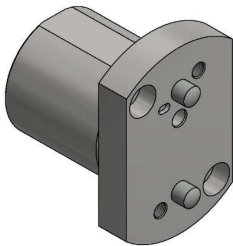
Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B02-15-32025-1F                             | 32                                                                       | 25                       | 38        | 35        | 1                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-17

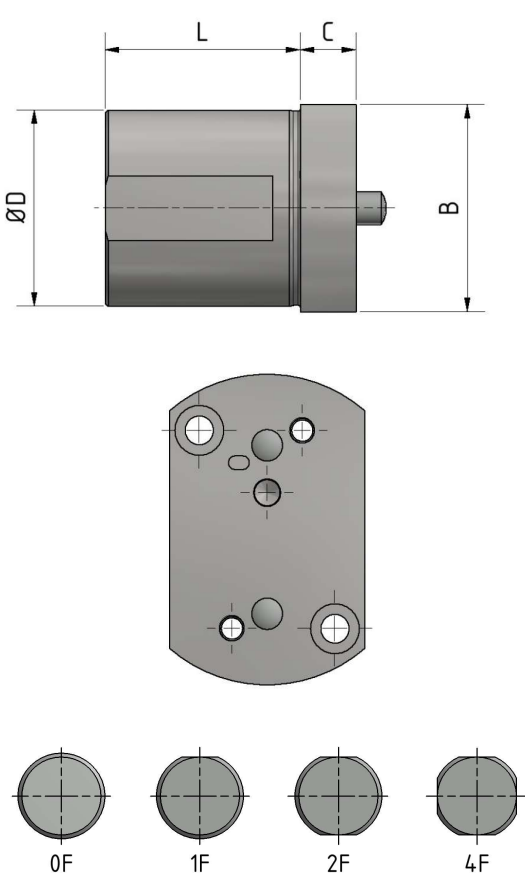


Bohrbild Halter: B02

Schéma de perçage de porte:  
Drilling pattern of holder:

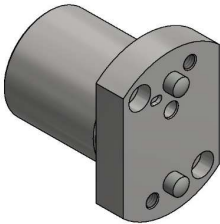
Bohrbild Maschine: 17

Schéma de perçage de machine:  
Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B02-17-36035-1F                             | 36                                                                       | 35                       | 38        | 10        | 1                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-19



Bohrbild Halter: B02

Schéma de perçage de porte:  
Drilling pattern of holder:

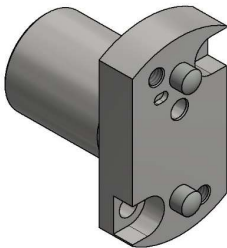
Bohrbild Maschine: 19

Schéma de perçage de machine:  
Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                                                                                                          | B02-19-33035-0F                             | 33                                                                       | 35                       | 35        | 10        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-20



Bohrbild Halter: B02

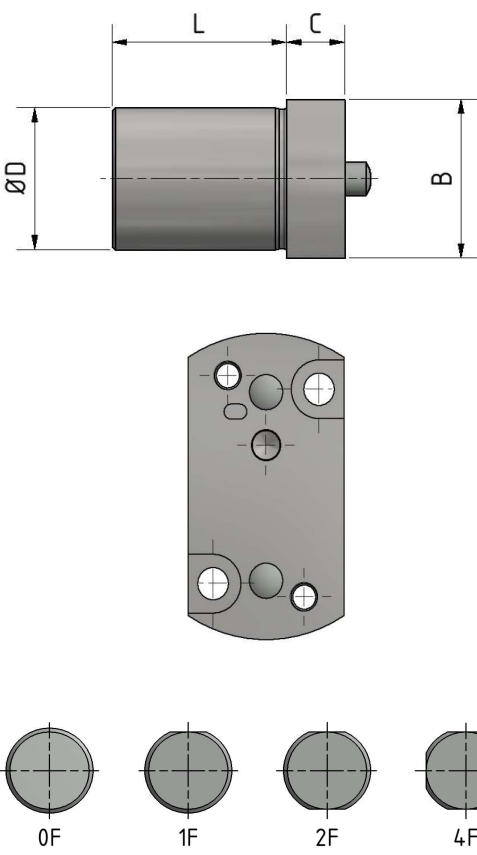
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 20

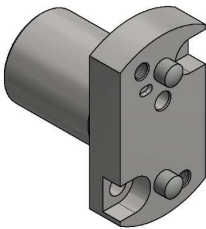
Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
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|                                        | B02-20-25030-0F                             | 25                                                                       | 30                       | 28        | 10        | 0                           |
|                                                                                                                          | B02-20-25030-0F-X                           | 25                                                                       | 30                       | 28        | 12        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-21



Bohrbild Halter: B02

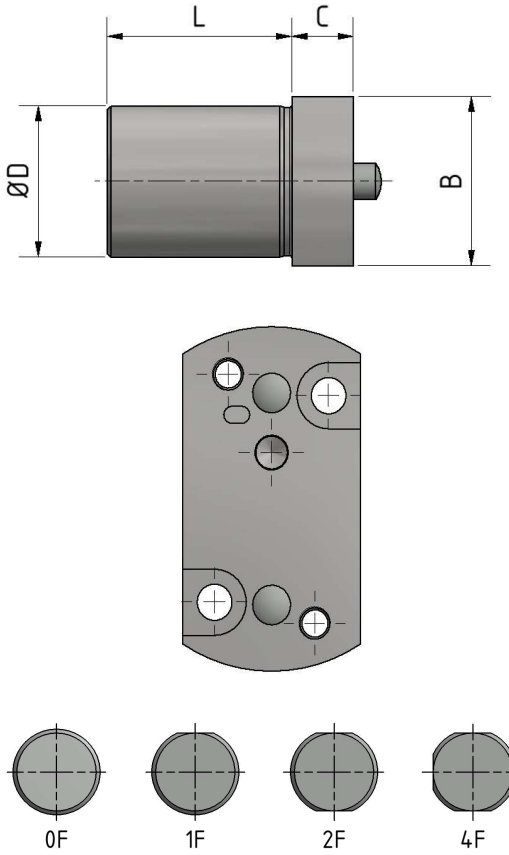
Schéma de perçage de porte:

Drilling pattern of holder:

Bohrbild Maschine: 21

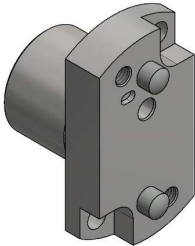
Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B02-21-25030-0F                             | 25                                                                       | 30                       | 28        | 10        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B02-22

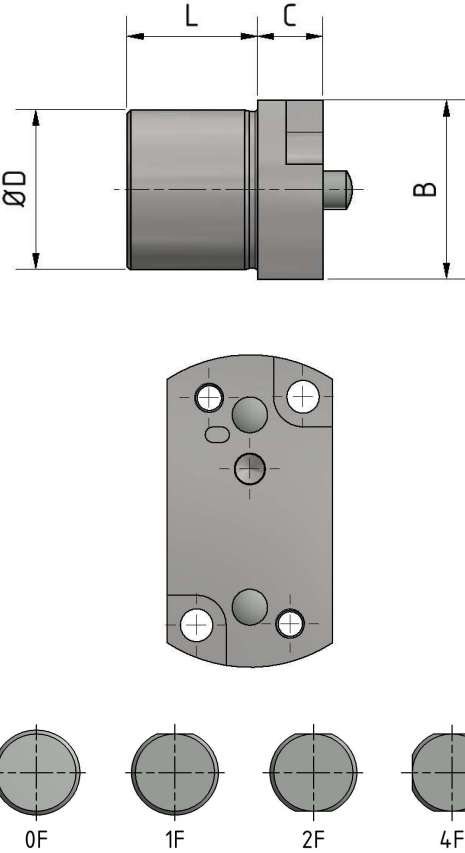


Bohrbild Halter: B02

Schéma de perçage de porte:  
Drilling pattern of holder:

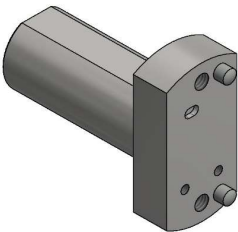
Bohrbild Maschine: 22

Schéma de perçage de machine:  
Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B02-22-25020-0F                             | 25                                                                       | 20                       | 28        | 10        | 0                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Grundhalter  
Porte-outil de base  
Basic holder

B05-02

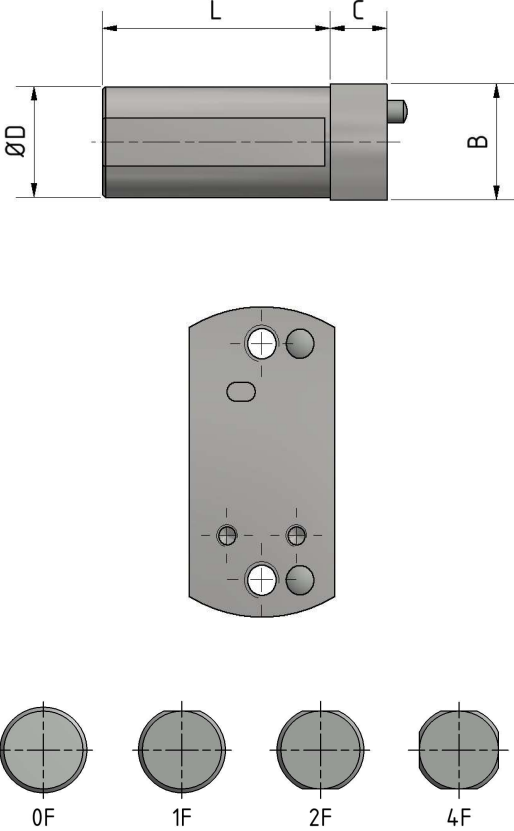


Bohrbild Halter: B05

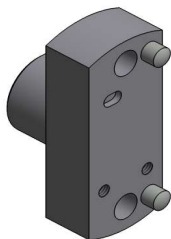
Schéma de perçage de porte:  
Drilling pattern of holder:

Bohrbild Maschine: 02

Schéma de perçage de machine:  
Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
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|                                        | B05-02-20040-2F                             | 20                                                                       | 40                       | 21        | 10        | 2                           |
|                                                                                                                          | B05-02-20060-2F                             | 20                                                                       | 60                       | 21        | 10        | 2                           |
|                                                                                                                          |                                             |                                                                          |                          |           |           |                             |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

B05-05



Drilling pattern of holder:

Drilling pattern of machine:

Seite B-25

Grundhalter  
Porte-outil de base  
Basic holder

B06-06



Bohrbild Halter: B06

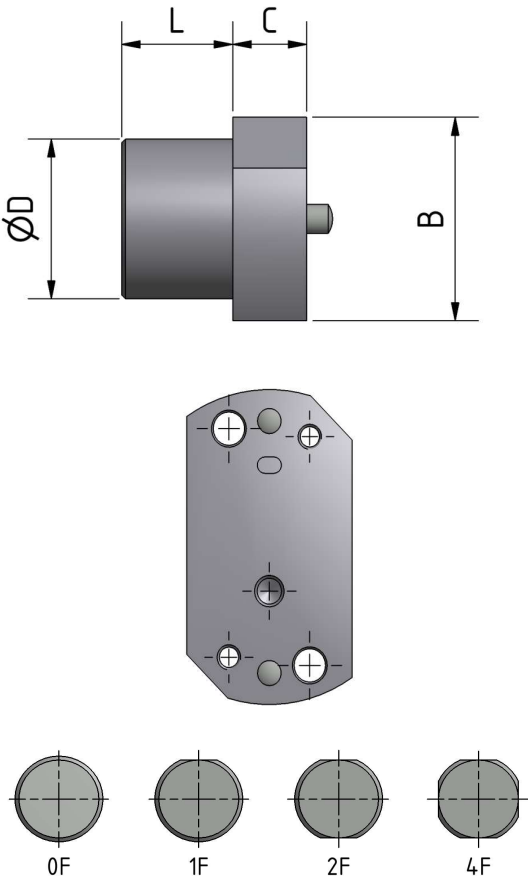
Schéma de perçage de porte:

Drilling pattern of holder:

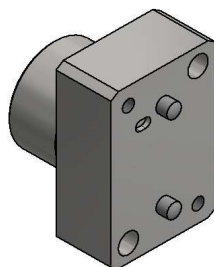
Bohrbild Maschine: 06

Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
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|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B06-06-22015-0F                             | 22                                                                       | 15                       | 28        | 10        | 0                           |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

B07-20



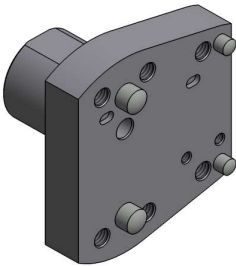
Drilling pattern of holder:

Drilling pattern of machine:

Seite B-27

Doppelgrundhalter  
Porte-outil de base à double  
Basic holder double

B25-02



Bohrbild Halter: B25

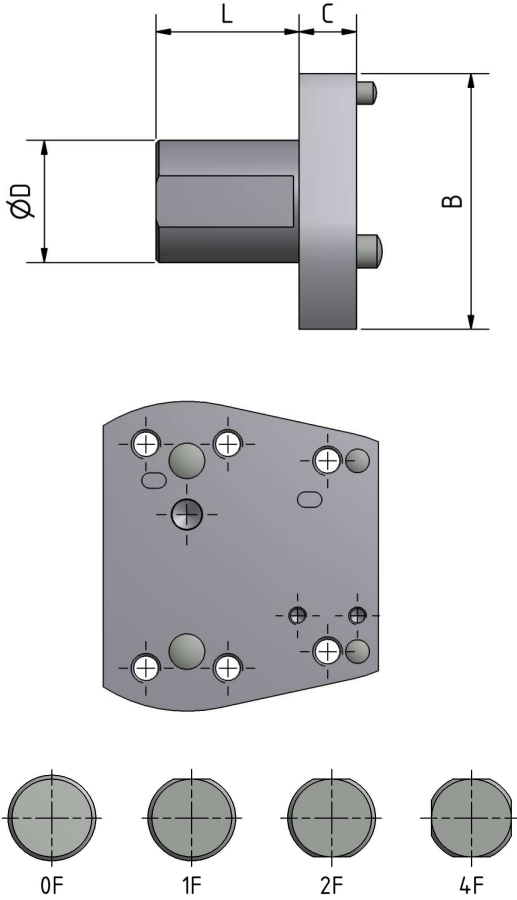
Schéma de perçage de porte:

Drilling pattern of holder:

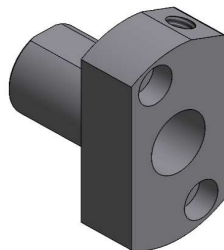
Bohrbild Maschine: 02

Schéma de perçage de machine:

Drilling pattern of machine:

| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------------------------|
|                                                                                                                          |                                             | Schaft-ø<br>øD<br>[mm]                                                   | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
| 3.04                                                                                                                     |                                             |                                                                          |                          |           |           |                             |
|                                        | B25-02-20040-1F                             | 20                                                                       | 40                       | 46        | 10        | 1                           |
|                                                                                                                          | B25-02-22025-1F                             | 22                                                                       | 25                       | 46        | 10        | 1                           |
|                                                                                                                          | B25-02-06040-1F                             | 3/4"                                                                     | 40                       | 46        | 10        | 1                           |
|                                                                                                                          | B25-02-08025-1F                             | 1"                                                                       | 25                       | 46        | 10        | 1                           |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                          |           |           |                             |

Drilling pattern of machine:



| Produkt-Gruppe<br>Groupe de produit<br>Product group                                                                     | Artikel-Nr.<br>No. d'article<br>Article no. | Technische Information<br>Information technique<br>Technical Information |                        |                          |           |           |                             |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------|-----------|-----------|-----------------------------|
| 3.04                                                                                                                     |                                             | Bohr-ø<br>øDi<br>[mm]                                                    | Schaft-ø<br>øD<br>[mm] | Schaftlänge<br>L<br>[mm] | B<br>[mm] | C<br>[mm] | Anzahl<br>Spannflächen<br>F |
|                                                                                                                          | B08-01-22025-1F-X                           | 8                                                                        | 22                     | 25                       | 28        | 15        | 1                           |
|                                                                                                                          | B10-01-22025-1F-X                           | 10                                                                       | 22                     | 25                       | 28        | 15        | 1                           |
|                                                                                                                          | B16-01-22025-1F-X                           | 16                                                                       | 22                     | 25                       | 28        | 15        | 1                           |
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| Lagerbestand und Lieferzeit auf Anfrage<br>Stock et délai de livraison sur demande<br>Stock and delivery time on request |                                             |                                                                          |                        |                          |           |           |                             |