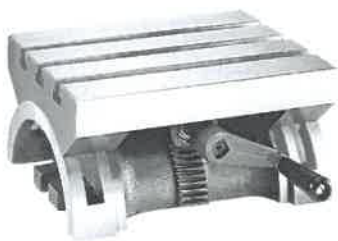
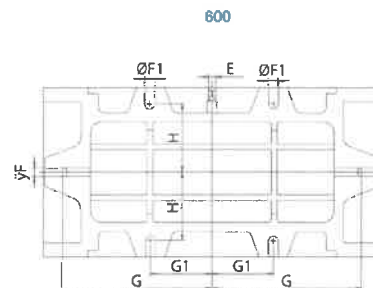
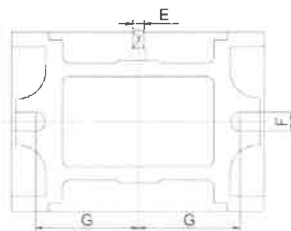
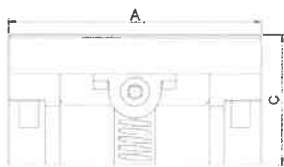
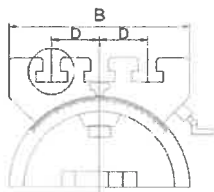
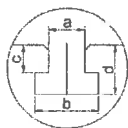


## Spanntische Swivel angle plates



### Schwenkbarer Spanntisch, Typ HWCK2 Swivel angle plate, type HWCK2

- in beide Richtungen schwenkbar
- $\pm 45^\circ$  verstellbar
- swivel-type
- adjustable  $\pm 45^\circ$



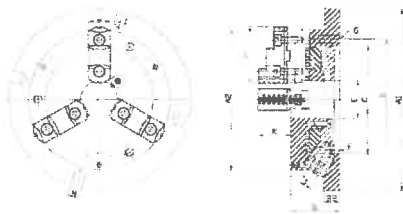
| Größe /<br>Size | A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>mm | F<br>mm | F1<br>mm | G<br>mm | G1<br>mm | H<br>mm | I<br>mm | a<br>mm | b<br>mm | c<br>mm | d<br>mm | kg  | Art.-Nr. /<br>Order no. |
|-----------------|---------|---------|---------|---------|---------|---------|----------|---------|----------|---------|---------|---------|---------|---------|---------|-----|-------------------------|
| 180x130         | 185     | 132     | 95      | 35      | 8       | 14      | -        | 75      | -        | -       | -       | 13      | 23      | 10      | 18      | 7,5 | 14-HWCK2-180            |
| 250x178         | 255     | 180     | 136     | 50      | 10      | 16      | -        | 95      | -        | -       | -       | 16      | 26      | 13,5    | 25      | 29  | 14-HWCK2-250            |
| 380x260         | 380     | 255     | 181     | 69      | 13      | 18      | -        | 150     | -        | -       | -       | 16      | 26      | 14      | 25      | 56  | 14-HWCK2-380            |
| 600x300         | 600     | 300     | 202     | 80      | 13      | 16      | 17       | 265     | 109      | 121     | 16      | 16      | 26      | 13      | 23      | 85  | 14-HWCK2-600            |

## Stationäre Drehfutter Stationary lathe chucks

### Stationäre Dreibacken-Drehfutter, extraflach Stationary three-jaw lathe chucks, extra thin



- Winkel zwischen Handgriff und Drehplatte beträgt  $30^\circ$ , dadurch bequeme Bedienung
- geringe Bauhöhe des Futter für mehr Arbeitsraum
- harte und weiche Aufsatzbacken können eingesetzt werden
- $30^\circ$  angle between wrench and base for ease of handling
- extra thin chuck design increases machining space
- may be used with hard or soft top jaws

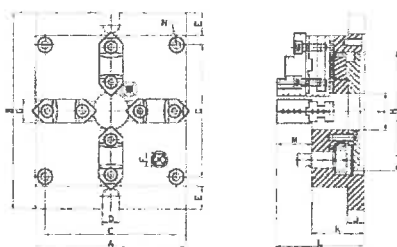
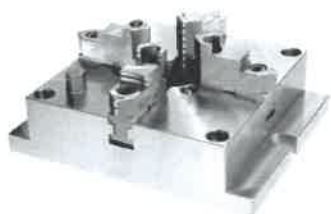


| Typ /<br>Type | A1<br>mm | A2<br>mm | B1<br>mm | B2<br>mm | C<br>mm | D<br>mm | E<br>mm | F<br>mm | G<br>mm | H<br>mm | J<br>mm | K<br>mm | L<br>mm | M<br>mm | Spannbereich /<br>Clamp. range<br>mm | kg | Art.-Nr. /<br>Order no. |
|---------------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------------------------|----|-------------------------|
| 170           | 220      | 170      | 58       | 18       | 130     | 147     | 45      | 6       | 3-M10   | 68      | 26      | 40      | 10      | 13      | 8-160                                | 12 | ZE-SDF3-170             |
| 210           | 270      | 210      | 65       | 20       | 155     | 172     | 60      | 6       | 3-M10   | 82      | 28      | 43      | 11      | 13      | 11-200                               | 20 | ZE-SDF3-210             |
| 255           | 315      | 255      | 73       | 20       | 190     | 210     | 80      | 6       | 3-M12   | 93      | 32      | 52      | 12      | 16      | 12-250                               | 30 | ZE-SDF3-255             |
| 305           | 370      | 305      | 80       | 22       | 250     | 285     | 105     | 5       | 3-M12   | 118     | 40      | 59      | 14      | 18      | 15-300                               | 47 | ZE-SDF3-305             |

Inkl. Bedienschlüssel /



## Stationäre Drehfutter Stationary lathe chucks



### Stationäre Vierbacken-Drehfutter Stationary four-jaw lathe chuck

- sichere Spannung des Werkstücks (Genauigkeit 0,03 mm)
- hohe Werkstücke können aufgrund der niedrigen Bauweise ebenfalls gespannt werden
- rechtwinklige Werkstücke können paarweise mit zwei Backen gespannt werden
- mit Schutzabdeckung
- mit Durchgangsbohrung für das Spannen langer Werkstücke
- der Bedienschlüssel wird vertikal angesetzt
- mehrere Futter können kombiniert werden
- safe gripping of work piece (precision within 0,03 mm)
- large work pieces can be held thanks to low profile body
- able to grip square work pieces by using this chuck as a two-way jaw unit
- with dirt cover
- with thru bore
- handle is set on the face and does not interfere with the table
- several chucks may be combined

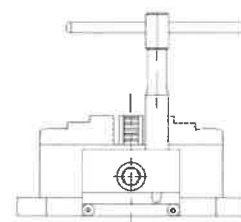
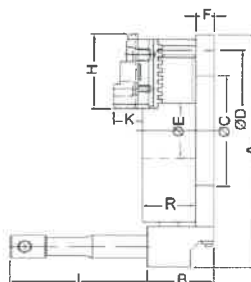
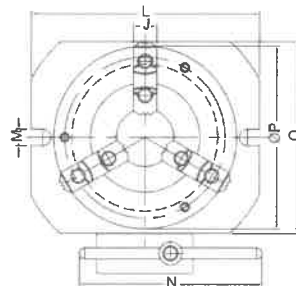
| Typ / Type | A mm | B mm | C mm | D mm | E mm | G mm | H mm | I mm | J mm | K mm | L mm | M mm | N mm  | Spannbereich / Clamp. range mm | kg | Art.-Nr. / Order no. |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------------------------------|----|----------------------|
| 165        | 165  | 215  | 144  | 18   | 25   | 26   | 130  | 40   | 18   | 57   | 96   | 39   | 4-M10 | 4-128                          | 14 | ZE-SDF4-165          |
| 200        | 200  | 250  | 174  | 18   | 25   | 28   | 160  | 55   | 20   | 65   | 108  | 43   | 4-M12 | 5-162                          | 22 | ZE-SDF4-200          |
| 250        | 250  | 310  | 218  | 18   | 30   | 32   | 200  | 70   | 22   | 72   | 122  | 50   | 4-M14 | 6-200                          | 36 | ZE-SDF4-250          |
| 310        | 310  | 380  | 274  | 22   | 35   | 40   | 260  | 100  | 25   | 85   | 141  | 56   | 4-M16 | 10-265                         | 62 | ZE-SDF4-310          |

Passende Aufsatzbacken siehe Seiten 24 und 25  
Suitable jaws see pages 24 and 25

### Dreibacken-Drehfutter mit Winkeltrieb Three-jaw lathe chuck with angle drive



- Winkeltrieb mit zweifacher Bedienmöglichkeit
- geringe Bauhöhe des Futters für mehr Arbeitsraum
- harte und weiche Aufsatzbacken können eingesetzt werden
- angle drive with dual operation
- extra thin chuck design increases machining space
- may be used with hard or soft top jaws



| Typ / Type | A mm | B mm | C mm | D mm | E mm | F mm | G mm  | H mm | I mm | J mm | K mm | L mm | M mm | N mm | P mm | Q mm | R mm | Spannbereich / Clamp. range mm | kg | Art.-Nr. / Order no. |
|------------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|--------------------------------|----|----------------------|
| 150        | 219  | 83   | 90   | 147  | 45   | 20   | 3-M10 | 72   | 150  | 26   | 39   | 215  | 18   | 200  | 165  | 175  | 67   | 8-160                          | 18 | ZE-SDF3WT-150        |
| 200        | 254  | 83   | 120  | 176  | 58   | 20   | 3-M10 | 82   | 150  | 28   | 43   | 250  | 18   | 200  | 200  | 200  | 76,5 | 8-180                          | 25 | ZE-SDF3WT-200        |
| 250        | 327  | 83   | 190  | 250  | 87   | 24   | 3-M12 | 100  | 150  | 35   | 50   | 324  | 18   | 200  | 273  | 283  | 87   | 12-260                         | 49 | ZE-SDF3WT-250        |
| 300        | 364  | 83   | 220  | 285  | 105  | 24   | 3-M12 | 114  | 150  | 40   | 56   | 360  | 18   | 200  | 310  | 320  | 96   | 15-300                         | 64 | ZE-SDF3WT-300        |

Inkl. Vierbacken-Drehfutter auf Anfrage lieferbar  
incl. four-jaw lathe chuck on request



## Drehfutter auf Drehplatte Lathe chucks on swivel plate

### Dreibacken-Drehfutter auf Drehplatte Three-jaw chuck with swivel base

- 360° Skala
- einfache Handhabung
- für stationäre Anwendungen

- 360° scale
- smooth swivel motion and easy handling
- for stationary use



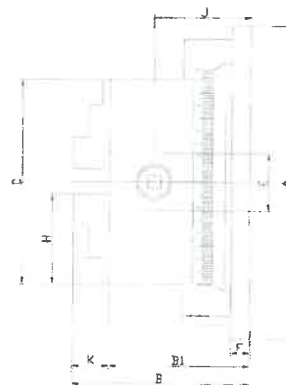
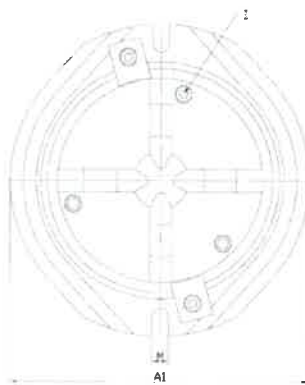
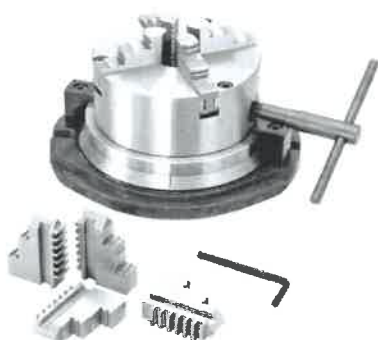
| Typ /<br>Type | A<br>mm | A1<br>mm | B<br>mm | B1<br>mm | D<br>mm | E<br>mm | F<br>mm | H<br>mm | I<br>mm | J<br>mm | K<br>mm | M<br>mm | kg | Art.-Nr. /<br>Order no. |
|---------------|---------|----------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|----|-------------------------|
| 160           | 245     | 233      | 139     | 110      | 160     | 45      | 15      | 70      | 3-M8    | 69      | 29      | 14      | 18 | ZE-1300-160             |
| 200           | 305     | 270      | 159     | 125      | 200     | 65      | 20      | 86      | 3-M10   | 75      | 34      | 18      | 31 | ZE-1300-200             |

Inkl. je 1 Satz Dreh- und Bohrbacken, Bedienschlüssel / Incl. 1 set each of solid jaws internally / externally stepped, wrench

### Vierbacken-Drehfutter auf Drehplatte Four-jaw chuck with swivel base

- 360° Skala
- einfache Handhabung
- für stationäre Anwendungen

- 360° scale
- smooth swivel motion and easy handling
- for stationary use



| Typ /<br>Type | A<br>mm | A1<br>mm | B<br>mm | B1<br>mm | D<br>mm | E<br>mm | F<br>mm | H<br>mm | I<br>mm | J<br>mm | K<br>mm | M<br>mm | kg | Art.-Nr. /<br>Order no. |
|---------------|---------|----------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|----|-------------------------|
| 160           | 245     | 233      | 139     | 110      | 160     | 45      | 15      | 70      | 3-M8    | 69      | 29      | 14      | 18 | ZE-1400-160             |
| 200           | 305     | 270      | 159     | 125      | 200     | 65      | 20      | 86      | 3-M10   | 75      | 34      | 18      | 31 | ZE-1400-200             |

Inkl. je 1 Satz Dreh- und Bohrbacken, Bedienschlüssel / Incl. 1 set each of solid jaws internally / externally stepped, wrench

