

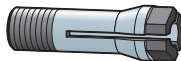
Ø 0,5–Ø 34

- **Spannzangen**  
ER DIN 6499
- ▲ **Collets**  
ER DIN 6499
- **Pinces**  
ER DIN 6499

**W 1502 / ER 8–50**

● Typ  
▲ Type  
■ Type

**W 1502**




Ø mm	● Best.-Nr. ▲ Order No. ■ N° de cde.	Ø mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
0,5	140 212 00	2,1	140 219 21
0,6	140 213 00	2,2	140 219 22
0,7	140 214 00	2,3	140 218 23
0,8	140 215 00	2,4	140 219 24
0,9	140 216 00	2,5	140 220 00
1,0	140 217 00	2,6	140 220 26
1,1	140 217 11	2,7	140 220 27
1,2	140 217 12	2,8	140 220 28
1,3	140 217 13	2,9	140 220 29
1,4	140 217 14	3,0	140 221 00
1,5	140 218 00	3,1	140 221 31
1,6	140 218 16	3,2	140 221 32
1,7	140 218 17	3,3	140 221 33
1,8	140 219 18	3,4	140 221 34
1,9	140 218 19	3,5	140 221 35
2,0	140 219 00	—	—

● Geeignet für:  
▲ Used with:  
■ Se monte sur:

<b>W 1502</b>	MH / 2
<b>ER 8</b>	MH / 5
<b>ER 11</b>	MH / 7
<b>ER 20</b>	MH / 13
<b>S 7–10</b>	PBW 4
<b>ER 11</b>	BEM 3
<b>ER 11</b>	BEW 3

● Typ  
▲ Type  
■ Type

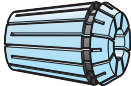
**ER 8**



Ø mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
1,0–0,5	140 222
1,5–1,0	140 223
2,0–1,5	140 224
2,5–2,0	140 225
3,0–2,5	140 226
3,5–3,0	140 227
4,0–3,5	140 228
4,5–4,0	140 229
5,0–4,5	140 230
—	—
—	—
—	—
—	—
—	—

● Typ  
▲ Type  
■ Type

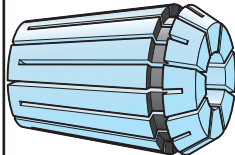
**ER 11**



Ø mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
1,0–0,5	140 231
1,5–1,0	140 232
2,0–1,5	140 233
2,5–2,0	140 234
3,0–2,5	140 235
3,5–3,0	140 236
4,0–3,5	140 237
4,5–4,0	140 238
5,0–4,5	140 239
5,5–5,0	140 240
6,0–5,5	140 241
6,5–6,0	140 242
7,0–6,5	140 243
—	—
—	—

● Typ  
▲ Type  
■ Type

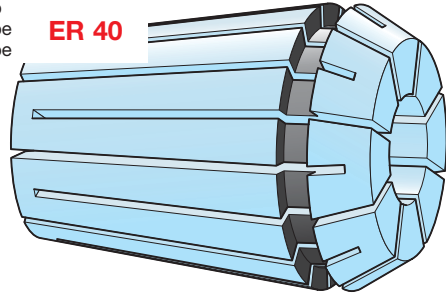
**ER 20**



Ø mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
1,0– 0,5	140 247
1,5– 1,0	140 248
2,0– 1,5	140 249
2,5– 2,0	140 250
3,0– 2,5	140 251
4,0– 3,0	140 252
5,0– 4,0	140 253
6,0– 5,0	140 254
7,0– 6,0	140 255
8,0– 7,0	140 256
9,0– 8,0	140 257
10,0– 9,0	140 258
11,0–10,0	140 259
12,0–11,0	140 260
13,0–12,0	140 261

● Typ  
▲ Type  
■ Type

**ER 40**

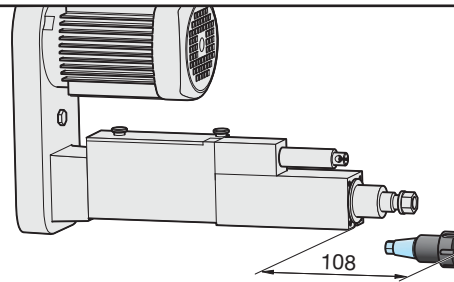
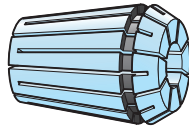


Ø mm	● Best.-Nr. ▲ Order No. ■ N° de cde.	Ø mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
4,0– 3,0	59 528 01	16,0–15,0	59 528 13
5,0– 4,0	59 528 02	17,0–16,0	59 528 14
6,0– 5,0	59 528 03	18,0–17,0	59 528 15
7,0– 6,0	59 528 04	19,0–18,0	59 528 16
8,0– 7,0	59 528 05	20,0–19,0	59 528 17
9,0– 8,0	59 528 06	21,0–20,0	59 528 18
10,0– 9,0	59 528 07	22,0–21,0	59 528 19
11,0–10,0	59 528 08	23,0–22,0	59 528 20
12,0–11,0	59 528 09	24,0–23,0	59 528 21
13,0–12,0	59 528 10	25,0–24,0	59 528 22
14,0–13,0	59 528 11	26,0–25,0	59 528 23
15,0–14,0	59 528 12	27,0–26,0	59 528 24

∅ mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
1,0-0,5	142 233
1,5-1,0	142 234
2,0-1,0	142 235
2,5-1,5	142 236
3,0-2,0	142 237
4,0-3,0	142 238
5,0-4,0	142 239
6,0-5,0	142 240
7,0-6,0	142 241
8,0-7,0	142 242
9,0-8,0	142 243
10,0-9,0	142 244

● Typ  
▲ Type  
■ Type

## ER 16



● Geeignet für:  
▲ Used with:  
■ Se monte sur:

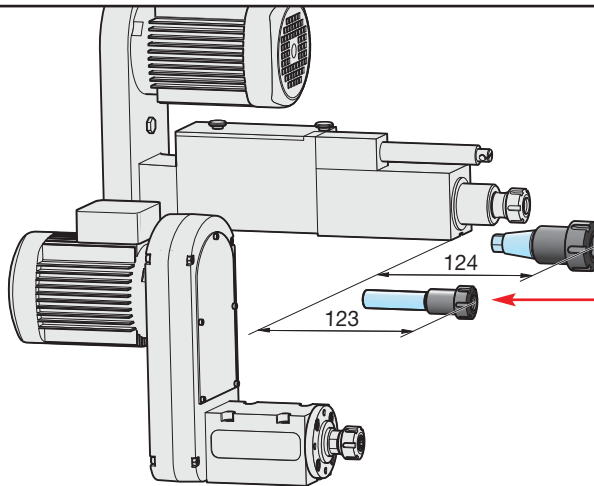
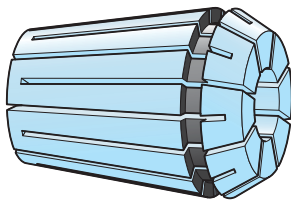
BEM 6  
BEM 6 D  
BEW 6  
MH / 10

SE 16 / ER 16  
Seite / Page G 05

∅ mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
1,0- 0,5	142 245
1,5- 1,0	142 246
2,0- 1,5	142 247
2,5- 2,0	142 248
3,0- 2,5	142 249
4,0- 3,0	142 250
5,0- 4,0	142 251
6,0- 5,0	142 252
7,0- 6,0	142 253
8,0- 7,0	142 254
9,0- 8,0	142 255
10,0- 9,0	142 256
11,0-10,0	142 257
12,0-11,0	142 258
13,0-12,0	142 259
14,0-13,0	142 260
15,0-14,0	142 261
16,0-15,0	142 262

● Typ  
▲ Type  
■ Type

## ER 25



● Geeignet für:  
▲ Used with:  
■ Se monte sur:

BEM 12  
BEM 12 D  
BEW 12  
MH / 16

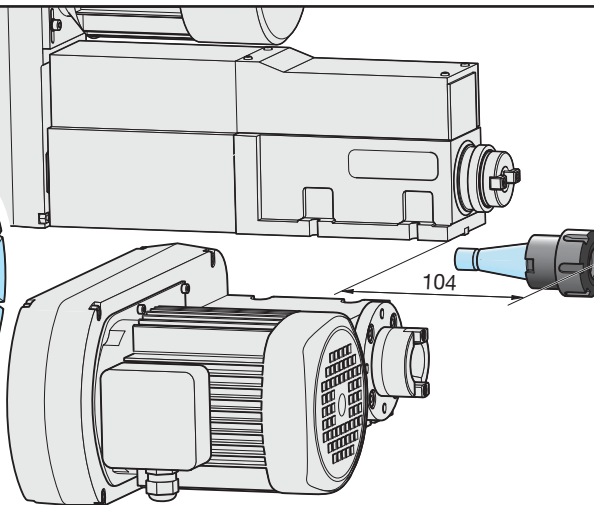
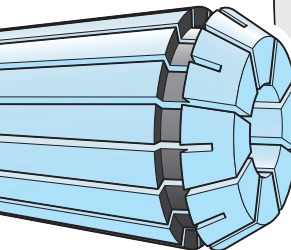
SE 25 / ER 25  
Seite / Page G 05  
RF 16 / ER 16  
Seite / Page G 05

BEX 15/ER 25

∅ mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
3,0- 2,0	132 030
4,0- 3,0	132 031
5,0- 4,0	140 267
6,0- 5,0	140 268
7,0- 6,0	140 269
8,0- 7,0	140 270
9,0- 8,0	140 271
10,0- 9,0	140 272
11,0-10,0	140 273
12,0-11,0	140 274
13,0-12,0	140 275
14,0-13,0	140 276
15,0-14,0	140 277
16,0-15,0	140 278
17,0-16,0	140 279
18,0-17,0	140 280
19,0-18,0	140 281
20,0-19,0	140 282

● Typ  
▲ Type  
■ Type

## ER 32



● Geeignet für:  
▲ Used with:  
■ Se monte sur:

BEM 20  
BEM 25 H  
BEA 25 CNC  
GEM 20  
MH / 25

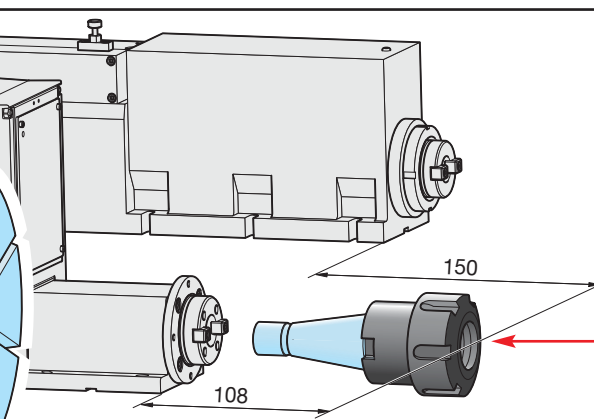
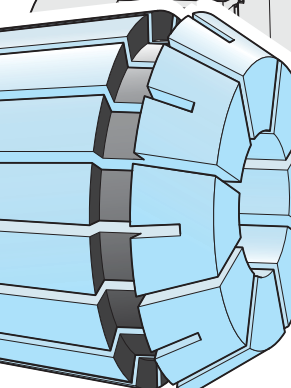
ISO 30 / ER 32  
Seite / Page G 05

BEX 15 ISO

∅ mm	● Best.-Nr. ▲ Order No. ■ N° de cde.
6,0- 4,0	59 529 01
8,0- 6,0	59 529 02
10,0- 8,0	142 291
12,0-10,0	142 292
14,0-12,0	142 293
16,0-14,0	142 294
18,0-16,0	142 295
20,0-18,0	142 296
22,0-20,0	142 297
24,0-22,0	142 298
26,0-24,0	142 299
28,0-26,0	142 300
30,0-28,0	142 301
32,0-30,0	142 302
34,0-32,0	142 303

● Typ  
▲ Type  
■ Type

## ER 50



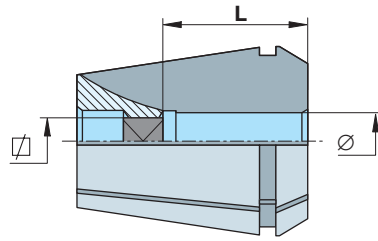
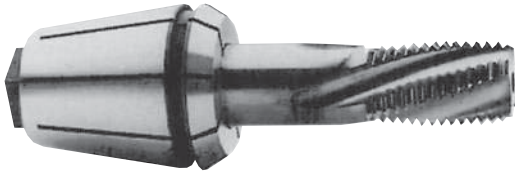
● Geeignet für:  
▲ Used with:  
■ Se monte sur:

BEM 28

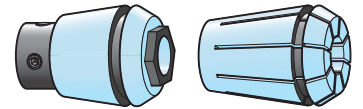
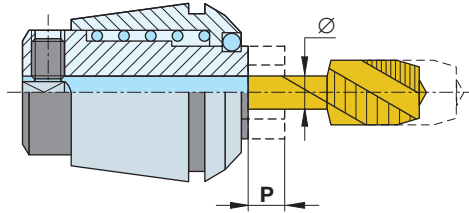
ISO 40 / ER 50  
Seite / Page G 06

BEX 35

## ER-GB



## ER-ET



Ø 1,4 - Ø 20    ▯ 3,4 - ▯ 16,0

- **Gewindebohrzangen**  
ER-GB ohne Längenausgleich  
ER-ET mit Längenausgleich

- ▲ **Tapping collets**  
ER-GB without compensation  
ER-ET with compensation

- **Pinces pour tarauds**  
ER-GB sans compensation  
ER-ET avec compensation

## ER-GB / ER-ET

- Die Gewindebohrzangen werden gleich wie die Standard-ER-Spannzangen montiert.
- Der Typ **ER-GB** enthält einen Vierkant. Er ist ohne Längenausgleich ausgeführt. Dadurch kann er nur verwendet werden, wenn die Drehzahl genau mit dem Vorschub synchronisiert ist.
- Der Typ **ER-ET** ist mit einem axialen Längenausgleich ausgeführt.
- Auf Anfrage können wir die Ausführung in Inch-Abmessungen liefern.

- ▲ Tapping collets are used the same way as standard ER collets.
- Type **ER-GB** includes a square drive without length compensation. It can only be used in CNC applications with synchronized spindle speed and feed motion.
- Type **ER-ET** includes an axial length compensation.
- Tapping collets in inch dimensions are available upon request.

- Les pinces pour tarauds se montent de la même façon et à la place des pinces standard type ER.
- Le type **ER-GB** comporte un 4 pans (▯). Il est sans compensation, donc ne convient que si la vitesse de rotation est parfaitement synchronisée avec celle de l'avance.
- Le type **ER-ET** comporte une compensation axiale.
- Sur demande toutes exécutions aux côtes en inch.

Typ / Type		ER-GB 16		
Ø	▯	L	● Best.-Nr.	▲ Order No.
mm	mm	mm	▲ Order No.	■ N° de cde.
4,5	3,4	18	59 530 01	
5,5	4,3	18	59 530 02	
6,0	4,9	18	59 530 03	
7,0	5,5	18	59 530 04	
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Typ / Type		ER-GB 20		
Ø	▯	L	● Best.-Nr.	▲ Order No.
mm	mm	mm	▲ Order No.	■ N° de cde.
4,5	3,4	18	59 530 11	
5,5	4,3	18	59 530 12	
6,0	4,9	18	59 530 13	
7,0	5,5	18	59 530 14	
8,0	6,2	22	59 530 15	
9,0	7,0	22	59 530 16	
10,0	8,0	25	59 530 17	
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Typ / Type		ER-GB 25		
Ø	▯	L	● Best.-Nr.	▲ Order No.
mm	mm	mm	▲ Order No.	■ N° de cde.
4,5	3,4	18	59 530 21	
5,5	4,3	18	59 530 22	
6,0	4,9	18	59 530 23	
7,0	5,5	18	59 530 24	
8,0	6,2	22	59 530 25	
9,0	7,0	22	59 530 26	
10,0	8,0	25	59 530 27	
11,0	9,0	25	59 530 28	
12,0	9,0	25	59 530 29	
—	—	—	—	—
—	—	—	—	—

Typ / Type		ER-GB 32		
Ø	▯	L	● Best.-Nr.	▲ Order No.
mm	mm	mm	▲ Order No.	■ N° de cde.
4,5	3,4	18	59 530 41	
5,5	4,3	18	59 530 42	
6,0	4,9	18	59 530 43	
7,0	5,5	18	59 530 44	
8,0	6,2	22	59 530 45	
9,0	7,0	22	59 530 46	
10,0	8,0	25	59 530 47	
11,0	9,0	25	59 530 48	
12,0	9,0	25	59 530 49	
14,0	11,0	25	59 530 50	
16,0	12,0	25	59 530 51	
—	—	—	—	—

Typ / Type		ER-GB 40		
Ø	▯	L	● Best.-Nr.	▲ Order No.
mm	mm	mm	▲ Order No.	■ N° de cde.
7,0	5,5	18	59 530 61	
8,0	6,2	22	59 530 62	
9,0	7,0	22	59 530 63	
10,0	8,0	25	59 530 64	
11,0	9,0	25	59 530 65	
12,0	9,0	25	59 530 66	
14,0	11,0	25	59 530 67	
16,0	12,0	25	59 530 68	
18,0	14,5	25	59 530 69	
20,0	16,0	28	59 530 70	
—	—	—	—	—

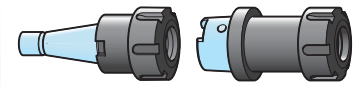
Typ / Type		ER-ET 12		
Ø	P	● Best.-Nr.	▲ Order No.	■ N° de cde.
mm	mm	▲ Order No.	■ N° de cde.	■ N° de cde.
1,40	5,5	59 530 81		
1,60	5,5	59 530 82		
1,80	5,5	59 530 83		
2,00	5,5	59 530 84		
2,20	5,5	59 530 85		
2,50	5,5	59 530 86		
2,80	5,5	59 530 87		
3,00	5,5	59 530 88		
3,15	5,5	59 530 89		
3,50	5,5	59 530 90		
3,55	5,5	59 530 91		
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Typ / Type		ER-ET 16		
Ø	P	● Best.-Nr.	▲ Order No.	■ N° de cde.
mm	mm	▲ Order No.	■ N° de cde.	■ N° de cde.
1,40	7,0	59 531 01		
1,60	7,0	59 531 02		
1,80	7,0	59 531 03		
2,00	7,0	59 531 04		
2,20	7,0	59 531 05		
2,50	7,0	59 531 06		
2,80	7,0	59 531 07		
3,00	7,0	59 531 08		
3,15	7,0	59 531 09		
3,50	7,0	59 531 10		
3,55	7,0	59 531 11		
4,00	7,0	59 531 12		
4,50	7,0	59 531 13		
5,00	7,0	59 531 14		
5,50	7,0	59 531 15		
6,00	7,0	59 531 16		
6,20	7,0	59 531 17		
—	—	—	—	—
—	—	—	—	—

Typ / Type		ER-ET 20		
Ø	P	● Best.-Nr.	▲ Order No.	■ N° de cde.
mm	mm	▲ Order No.	■ N° de cde.	■ N° de cde.
2,24	7,0	59 531 21		
2,50	7,0	59 531 22		
2,80	7,0	59 531 23		
3,00	7,0	59 531 24		
3,15	7,0	59 531 25		
3,50	7,0	59 531 26		
3,55	7,0	59 531 27		
4,00	7,0	59 531 28		
4,50	7,0	59 531 29		
5,00	7,0	59 531 30		
5,50	7,0	59 531 31		
6,00	7,0	59 531 32		
6,20	7,0	59 531 33		
6,30	7,0	59 531 34		
7,00	7,0	59 531 35		
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Typ / Type		ER-ET 25		
Ø	P	● Best.-Nr.	▲ Order No.	■ N° de cde.
mm	mm	▲ Order No.	■ N° de cde.	■ N° de cde.
2,50	10,0	59 531 41		
2,80	10,0	59 531 42		
3,00	10,0	59 531 43		
3,15	10,0	59 531 44		
3,50	10,0	59 531 45		
3,55	10,0	59 531 46		
4,00	10,0	59 531 47		
4,50	10,0	59 531 48		
5,00	10,0	59 531 49		
5,50	10,0	59 531 50		
6,00	10,0	59 531 51		
6,20	10,0	59 531 52		
6,30	10,0	59 531 53		
7,00	10,0	59 531 54		
7,10	10,0	59 531 55		
8,00	10,0	59 531 56		
8,50	10,0	59 531 57		
9,00	10,0	59 531 58		
10,00	10,0	59 531 59		
—	—	—	—	—

Typ / Type		ER-ET 32		
Ø	P	● Best.-Nr.	▲ Order No.	■ N° de cde.
mm	mm	▲ Order No.	■ N° de cde.	■ N° de cde.
4,50	13,0	59 531 61		
5,00	13,0	59 531 62		
5,50	13,0	59 531 63		
6,00	13,0	59 531 64		
6,20	13,0	59 531 65		
6,30	13,0	59 531 66		
7,00	13,0	59 531 67		
7,10	13,0	59 531 68		
8,00	13,0	59 531 69		
8,50	13,0	59 531 70		
9,00	13,0	59 531 71		
10,00	13,0	59 531 72		
10,50	13,0	59 531 73		
11,00	13,0	59 531 74		
11,20	13,0	59 531 75		
12,00	13,0	59 531 76		
12,50	13,0	59 531 77		
—	—	—	—	—
—	—	—	—	—


**ER 16 – ER 32**

● **Werkzeugspannelemente**  
mit Spannzangen

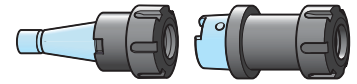
▲ **Toolholder systems**  
with collets

■ **Porte-outils**  
avec des pinces

## ER 16 – ER 32



● Geeignet für: ▲ Used with: ■ Sa monte sur:	● Abmessungen für Aufbau ▲ Assembly dimensions ■ Cotations pour implantation	● Bezeichnung ▲ Description ■ Désignation	● Typ ▲ Type ■ Type	● Best.-Nr. ▲ Order No. ■ N° de cde.
BEM 6 BEM 6 D BEW 6		<ul style="list-style-type: none"> <li>● Schnellwechseleinsatz/Zangenspannung ER 16</li> <li>▲ Quick-change adapter for ER 16 collets</li> <li>■ Adaptateur p. changem. rapide, serrage par pince ER 16</li> </ul>	<b>SE 16/ER 16</b>	50 649 02
		<ul style="list-style-type: none"> <li>● Spannmutter für Schnellwechseleinsatz SE 16/ER 16</li> <li>▲ Collet nut for quick-change toolholders SE 16/ER 16</li> <li>■ Ecrou de raccordement p. adaptateurs SE 16/ER 16</li> </ul>	<b>SM/ER 16</b>	50 649 01
BEM 12 BEM 12 D BEW 12		<ul style="list-style-type: none"> <li>● Schnellwechseleinsatz/Zangenspannung ER 25</li> <li>▲ Quick-change adapter for ER 25 collets</li> <li>■ Adaptateur p. changem. rapide, serrage par pince ER 25</li> </ul>	<b>SE 25/ER 25</b>	50 648 02
		<ul style="list-style-type: none"> <li>● Spannmutter für Schnellwechseleinsatz SE 25/ER 25</li> <li>▲ Collet nut for quick-change toolholders SE 25/ER 25</li> <li>■ Ecrou de raccordement p. adaptateurs SE 25/ER 25</li> </ul>	<b>SM/ER 25</b>	50 648 01
BEM 12 BEX 15		<ul style="list-style-type: none"> <li>● Spannzangenhalter, zylindrisch ER 16</li> <li>▲ Straight collet toolholder ER 16</li> <li>■ Porte-pince cylindrique ER 16</li> </ul>	<b>RF 16/ER 16</b>	59 532 01
BEM 20 BEM 25 H BEA 25 CNC GEM 20 BEX 15 ISO		<ul style="list-style-type: none"> <li>● Spannfutter ISO 30 für Spannzange ER 32</li> <li>▲ Toolholder ISO 30 for collet ER 32</li> <li>■ Porte-outil ISO 30 avec serrage par pince ER 32</li> </ul>	<b>ISO 30/ER 32</b>	140 265
		<ul style="list-style-type: none"> <li>● Fließbohrfutter ISO 30 für Spannzange ER 25</li> <li>▲ Flow drill toolholder ISO 30 for collet ER 25</li> <li>■ Mandrin pour fluoperçage ISO 30 par pince ER 25</li> </ul>	<b>ISO 30/FLI 30</b>	58 659 01



ER 16 – ER 32

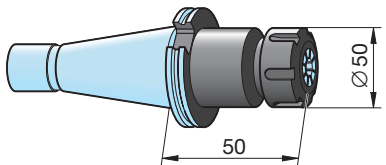
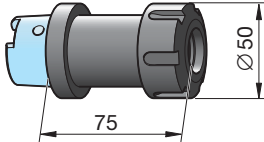
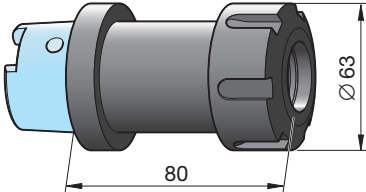
● Werkzeugspannelemente mit Spannzangen

▲ Toolholder systems with collets

■ Porte-outils avec des pinces

## ER 32 – ER 50



● Geeignet für: ▲ Used with: ■ Sa monte sur:	● Abmessungen für Aufbau ▲ Assembly dimensions ■ Cotations pour implantation	● Bezeichnung ▲ Description ■ Désignation	● Typ ▲ Type ■ Type	● Best.-Nr. ▲ Order No. ■ N° de cde.
BEM 28 BEX 35		<ul style="list-style-type: none"> <li>● Spannfutter ISO 40 für Spannzange ER 32</li> <li>▲ Toolholder ISO 40 for collet ER 32</li> <li>■ Porte-outil ISO 40 avec serrage par pince ER 32</li> </ul>	ISO 40/ER 32	59 541 02
BEM 20 BEM 25 H BEX 15		<ul style="list-style-type: none"> <li>● Spannfutter HSK-C 50 für Spannzange ER 32</li> <li>▲ Toolholder HSK-C 50 for collet ER 32</li> <li>■ Porte-outil HSK-C 50 avec serrage par pince ER 32</li> </ul>	HSK-C 50/ER 32	59 534 01
BEX 35		<ul style="list-style-type: none"> <li>● Spannfutter HSK-C 63 für Spannzange ER 40</li> <li>▲ Toolholder HSK-C 63 for collet ER 40</li> <li>■ Porte-outil HSK-C 63 avec serrage par pince ER 40</li> </ul>	HSK-C 63/ER 40	59 535 01

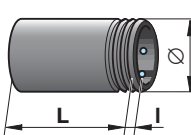
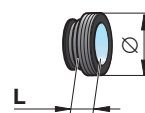
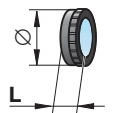
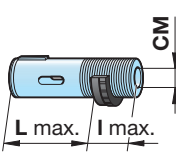
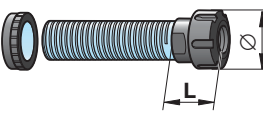

**TR 12 - TR 28**

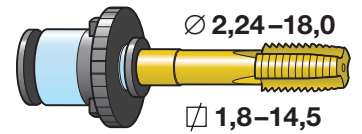
● **Aufsetzbare Schnellwechsel-Bohrfutter** für Bohr-, Reib- und Senkwerkzeuge

▲ **Over spindle quick-change drilling chucks** for drilling, chamfering and counterboring tools

■ **Douilles DIN à changement rapide d'outils**, porte-alésoir et porte-foret



● Geeignet für: ▲ Used with: ■ Se monte sur:	● Typ ▲ Type ■ Type	● Best.-Nr. ▲ Order No. ■ N° de cde.	● Abmessungen für Aufbau ▲ Assembly dimensions ■ Cotations pour implantation	● Bezeichnung ▲ Description ■ Désignation
BEM 6 ST	<b>ASBA 12</b> <b>ASBA 16</b> <b>ASBA 20</b> <b>ASBA 25</b> <b>ASBA 28</b>	58 722 01 907 109 58 722 02 58 722 03 907 110	L=52   l= 9   Ø24 L=67   l=10   Ø30 L=72   l=11   Ø38 L=79   l=12   Ø45 L=81   l=12   Ø48	<p>● Schnellwechselfutter für Stellhülzenspindel DIN 55058</p> <p>▲ Quick-change spindle sleeve for automotive spindle type DIN 55058</p> <p>■ Douille pour changement rapide sur broche DIN 55058</p> 
BEM 6 ST	<b>SSM 12</b> <b>SSM 16</b> <b>SSM 20</b> <b>SSM 25</b> <b>SSM 28</b>	58 723 01 907 112 58 723 02 58 723 03 907 114	L= 9   Ø22 L=10   Ø26 L=11   Ø33 L=12   Ø40 L=12   Ø42	<p>● Stellmutter auf Werkzeughalter für Schnellwechselfutter</p> <p>▲ Depth adjustment nut for quick-change toolholders and sleeve</p> <p>■ Ecrou de réglage sur porte-outil pour changement rapide</p> 
BEM 6 ST	<b>SM 12</b> <b>SM 16</b> <b>SM 20</b> <b>SM 25</b> <b>SM 28</b>	58 724 01 907 113 58 724 02 58 724 03 907 115	L=12   Ø20 L=12   Ø25 L=12   Ø32 L=12   Ø37 L=12   Ø40	<p>● Stellmutter auf Werkzeughalter für Stellhülzenspindel DIN 55058</p> <p>▲ Depth adjustment nut for automotive spindle toolholders type DIN 55058</p> <p>■ Ecrou de réglage sur porte-outil pour broche DIN 55058</p> 
BEM 6 ST	<b>D 12-6</b> <b>D 16/0-MK 0</b> <b>D 16/1-MK 1</b> <b>D 20/1-MK 1</b> <b>D 25/1-MK 1</b> <b>D 25/2-MK 2</b> <b>D 28/1-MK 1</b> <b>D 28/2-MK 2</b>	58 726 01 907 116 907 117 58 726 02 58 726 03 58 726 05 907 121 907 122	Metr. 6   L=53   l=25 MK 0   L=76   l=37 MK 1   L=76   l=37 MK 1   L=79   l=37 MK 1   L=85   l=38 MK 2   L=85   l=38 MK 1   L=85   l=38 MK 2   L=85   l=38	<p>● Stellhülsen DIN 6327, CM 0 bis CM 2. Lange Ausführung auf Anfrage</p> <p>▲ Automotive toolholder DIN 6327 with CM 0 up to CM 2. Extended length version upon request</p> <p>■ Broche douille DIN 6327, CM 0 à CM 2. Version longue sur demande</p> 
BEM 6 ST	<b>SH 12/ER 11</b> <b>SH 16/ER 16</b> <b>SH 20/ER 20</b> <b>SH 28/ER 25</b>	58 725 01 907 120 58 725 02 907 125	L=35   Ø19 L=42   Ø28 L=48   Ø34 L=45   Ø42	<p>● Werkzeughalter für Spannzangen ER 11 bis ER 25</p> <p>▲ Automotive toolholder for collets ER 11 up to ER 25</p> <p>■ Porte-outil pour pinces ER 11 à ER 25</p> 



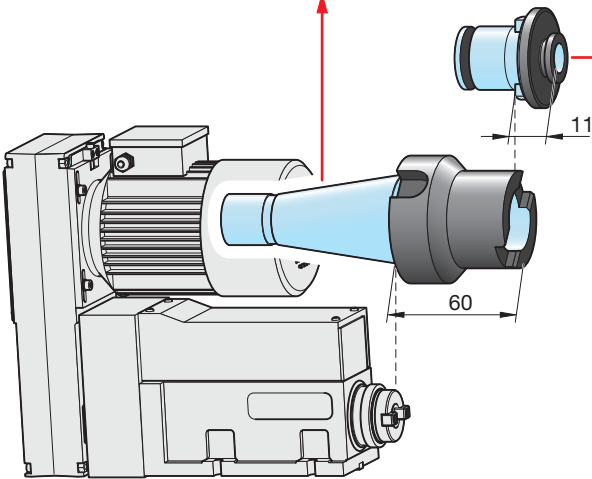
- Schnellwechseleinsätze und Futter zum Gewindeschneiden
- ▲ Quick-change adapters and toolholders for tapping
- Adaptateurs à changement rapide et porte-outils pour le taraudage

**WF 0-1 / WE 0-2**

● Geeignet für: ▲ Used with: ■ Se monte sur:	● Gewindeschneid-Schnellwechselfutter ▲ Quick-change tapping adapter ■ Mandrin à changement rapide	● Typ ▲ Type ■ Type	<b>WF 0</b>	● Best.-Nr. ▲ Order No. ■ N° de cde.	907 252	● Schnellwechseleinsätze ▲ Quick-change tap insert ■ Porte-taraud à ch. rapide																																																																												
GEM 6 GEM 8						<table border="1"> <thead> <tr> <th colspan="3">Typ / Type</th> <th><b>WE 0</b></th> </tr> <tr> <th><math>\varnothing</math> mm</th> <th><math>\varnothing</math> mm</th> <th>● Best.-Nr. ▲ Order No. ■ N° de cde.</th> <th></th> </tr> </thead> <tbody> <tr><td>2,24</td><td>1,80</td><td>907 259</td><td></td></tr> <tr><td>2,50</td><td>2,10</td><td>907 253</td><td></td></tr> <tr><td>2,50</td><td>2,00</td><td>907 260</td><td></td></tr> <tr><td>2,80</td><td>2,24</td><td>907 261</td><td></td></tr> <tr><td>2,80</td><td>2,10</td><td>907 254</td><td></td></tr> <tr><td>3,50</td><td>2,70</td><td>907 255</td><td></td></tr> <tr><td>3,15</td><td>2,50</td><td>907 262</td><td></td></tr> <tr><td>3,55</td><td>2,80</td><td>907 263</td><td></td></tr> <tr><td>4,00</td><td>3,15</td><td>907 264</td><td></td></tr> <tr><td>4,00</td><td>3,00</td><td>907 256</td><td></td></tr> <tr><td>4,50</td><td>3,55</td><td>907 265</td><td></td></tr> <tr><td>4,50</td><td>3,40</td><td>907 257</td><td></td></tr> <tr><td>5,00</td><td>4,00</td><td>907 266</td><td></td></tr> <tr><td>5,60</td><td>4,50</td><td>907 267</td><td></td></tr> <tr><td>6,00</td><td>4,90</td><td>907 258</td><td></td></tr> <tr><td>6,30</td><td>5,00</td><td>907 268</td><td></td></tr> <tr><td>8,00</td><td>6,20</td><td>907 269</td><td></td></tr> </tbody> </table>	Typ / Type			<b>WE 0</b>	$\varnothing$ mm	$\varnothing$ mm	● Best.-Nr. ▲ Order No. ■ N° de cde.		2,24	1,80	907 259		2,50	2,10	907 253		2,50	2,00	907 260		2,80	2,24	907 261		2,80	2,10	907 254		3,50	2,70	907 255		3,15	2,50	907 262		3,55	2,80	907 263		4,00	3,15	907 264		4,00	3,00	907 256		4,50	3,55	907 265		4,50	3,40	907 257		5,00	4,00	907 266		5,60	4,50	907 267		6,00	4,90	907 258		6,30	5,00	907 268		8,00	6,20	907 269	
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● Geeignet für: ▲ Used with: ■ Se monte sur:	● Gewindeschneid-Schnellwechselfutter ▲ Quick-change tapping adapter ■ Mandrin à changement rapide	● Typ ▲ Type ■ Type	<b>WF 1</b>	● Best.-Nr. ▲ Order No. ■ N° de cde.	906 749	● Schnellwechseleinsätze ▲ Quick-change tap insert ■ Porte-taraud à ch. rapide																																																																																
GEM 12						<table border="1"> <thead> <tr> <th colspan="3">Typ / Type</th> <th><b>WE 1</b></th> </tr> <tr> <th><math>\varnothing</math> mm</th> <th><math>\varnothing</math> mm</th> <th>● Best.-Nr. ▲ Order No. ■ N° de cde.</th> <th></th> </tr> </thead> <tbody> <tr><td>2,80</td><td>2,10</td><td>906 750</td><td></td></tr> <tr><td>3,15</td><td>2,50</td><td>906 762</td><td></td></tr> <tr><td>3,50</td><td>2,70</td><td>906 751</td><td></td></tr> <tr><td>4,00</td><td>3,15</td><td>906 763</td><td></td></tr> <tr><td>4,00</td><td>3,00</td><td>906 752</td><td></td></tr> <tr><td>4,50</td><td>3,40</td><td>906 753</td><td></td></tr> <tr><td>4,50</td><td>3,55</td><td>906 764</td><td></td></tr> <tr><td>6,00</td><td>4,90</td><td>906 754</td><td></td></tr> <tr><td>6,30</td><td>5,00</td><td>906 765</td><td></td></tr> <tr><td>7,00</td><td>5,50</td><td>906 755</td><td></td></tr> <tr><td>7,10</td><td>5,60</td><td>906 766</td><td></td></tr> <tr><td>8,00</td><td>6,20</td><td>906 756</td><td></td></tr> <tr><td>9,00</td><td>7,00</td><td>906 757</td><td></td></tr> <tr><td>9,00</td><td>7,10</td><td>906 767</td><td></td></tr> <tr><td>10,00</td><td>8,00</td><td>906 758</td><td></td></tr> <tr><td>11,00</td><td>9,00</td><td>906 759</td><td></td></tr> <tr><td>11,20</td><td>9,00</td><td>906 768</td><td></td></tr> <tr><td>12,00</td><td>9,00</td><td>906 760</td><td></td></tr> </tbody> </table>	Typ / Type			<b>WE 1</b>	$\varnothing$ mm	$\varnothing$ mm	● Best.-Nr. ▲ Order No. ■ N° de cde.		2,80	2,10	906 750		3,15	2,50	906 762		3,50	2,70	906 751		4,00	3,15	906 763		4,00	3,00	906 752		4,50	3,40	906 753		4,50	3,55	906 764		6,00	4,90	906 754		6,30	5,00	906 765		7,00	5,50	906 755		7,10	5,60	906 766		8,00	6,20	906 756		9,00	7,00	906 757		9,00	7,10	906 767		10,00	8,00	906 758		11,00	9,00	906 759		11,20	9,00	906 768		12,00	9,00	906 760	
Typ / Type			<b>WE 1</b>																																																																																			
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<ul style="list-style-type: none"> <li>● Geeignet für:</li> <li>▲ Used with:</li> <li>■ Se monte sur:</li> </ul>	<ul style="list-style-type: none"> <li>● Gewindeschneid-Schnellwechselfutter</li> <li>▲ Quick-change tapping adapter</li> <li>■ Mandrin à changement rapide</li> </ul>	<ul style="list-style-type: none"> <li>● Typ</li> <li>▲ Type</li> <li>■ Type</li> </ul>	<b>ISO 30 POT 2</b>	<ul style="list-style-type: none"> <li>● Best.-Nr.</li> <li>▲ Order No.</li> <li>■ N° de cde.</li> </ul>	58 771 01	<ul style="list-style-type: none"> <li>● Schnellwechseleinsätze</li> <li>▲ Quick-change tap insert</li> <li>■ Porte-taraud à ch. rapide</li> </ul>
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Typ / Type		WE 2	
Ø mm	□ mm	● Best.-Nr.	▲ Order No.
6,0	4,9	907 128	
6,3	5,0	907 138	
7,0	5,5	907 129	
7,1	5,6	907 139	
8,0	6,3	907 140	
8,0	6,2	907 130	
9,0	7,0	907 131	
9,0	7,1	907 141	
10,0	8,0	907 132	
11,0	9,0	907 133	
11,2	9,0	907 143	
12,0	9,0	907 134	
12,5	10,0	907 144	
14,0	11,0	907 135	
14,0	11,2	907 145	
16,0	12,0	907 136	
18,0	14,5	907 137	

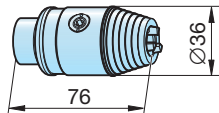
● Alternative Spanntechniken für Gewindebohrer, geeignet für SUHNER-Gewindeschneideinheiten

▲ Alternative toolholder systems for taps suitable for use with SUHNER tapping units

■ Autre technique de serrage des tarauds, adaptée aux unités de taraudage SUHNER

<ul style="list-style-type: none"> <li>● Geeignet für:</li> <li>▲ Used with:</li> <li>■ Se monte sur:</li> </ul>	<ul style="list-style-type: none"> <li>● Abmessungen für Aufbau</li> <li>▲ Assembly dimensions</li> <li>■ Cotations pour implantation</li> </ul>	<ul style="list-style-type: none"> <li>● Bezeichnung</li> <li>▲ Description</li> <li>■ Désignation</li> </ul>	<ul style="list-style-type: none"> <li>● Typ</li> <li>▲ Type</li> <li>■ Type</li> </ul>	<ul style="list-style-type: none"> <li>● Best.-Nr.</li> <li>▲ Order No.</li> <li>■ N° de cde.</li> </ul>
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**GEM 6**  
**GEM 6 CN**

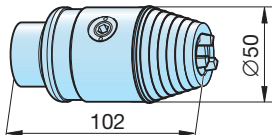


- Bohrfutter B 12, Spannbereich: Ø 0,5–8,0 mm. Haltekraft: max. 30 Nm, 5000 min<sup>-1</sup>
- ▲ Drill chuck B 12, clamping range 0.5–8.0 mm diameter. Clamping force maximum 30 Nm, 5000 RPM
- Mandrin B 12, plage de serrage: Ø 0,5–8,0 mm. Force de serrage: 30 Nm, 5000 t.min<sup>-1</sup>

**WT 1**

59 538 01

**GEM 12**



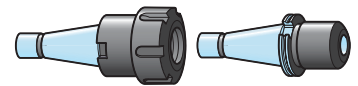
- Bohrfutter B 16, Spannbereich: Ø 1,0–13,0 mm. Haltekraft: max. 80 Nm, 5000 min<sup>-1</sup>
- ▲ Drill chuck B 16, clamping range 1.0–13.0 mm diameter. Clamping force maximum 80 Nm, 5000 RPM
- Mandrin B 16, plage de serrage: Ø 1,0–13,0 mm. Force de serrage: 80 Nm, 5000 t.min<sup>-1</sup>

**WT 2**

59 538 02

● Adapter für Aufnahme in Bohrmaschine für die Gewindeschneidapparate GSX, Seiten D 60, D 61  
 ▲ Adapter for mounting in drilling machine for tapping attachment GSX, pages D 60 and D 61  
 ■ Adaptateur pour logement de perceuse pour appareils à tarauder GSX, pages D 60 et D 61

	Morse				DIN 2080			MAS-BT		Zyl.				
	MK 1	MK 2	MK 3	MK 4	SK 30 M 12	SK 40 M 16	SK 50 M 24	BT 40 M 16	BT 50 M 24	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20
3 Jt	903 910	903 911	903 912	903 913	—	904 741	904 742	906 628	906 630	—	—	—	—	—
33 Jt	903 906	903 907	903 908	903 909	—	903 930	906 626	906 627	906 629	8252 201	8252 202	8252 203	8252 204	8252 207
4 Jt	—	903 915	903 916	903 917	—	906 622	905 100	—	—	—	—	—	—	—
B-16	903 940	903 941	903 942	903 943	—	906 634	906 635	906 637	906 638	—	—	—	—	—
3/8"-24	906 605	906 606	906 607	—	—	—	—	—	—	—	—	—	—	—
1/2"-20	906 608	906 609	906 610	—	—	—	—	—	—	—	—	—	—	—
3/8"-16	—	906 611	906 612	—	—	—	—	906 640	906 641	—	—	—	—	—
3/8"-20	—	903 919	903 921	903 923	903 929	903 931	903 932	906 642	906 643	—	—	903 936	903 937	903 938



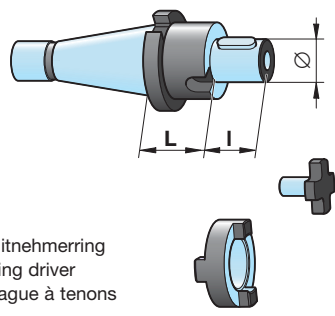
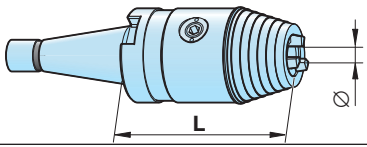
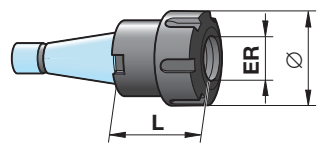
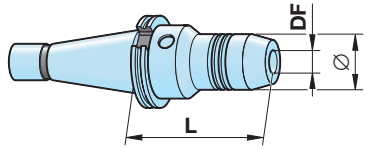
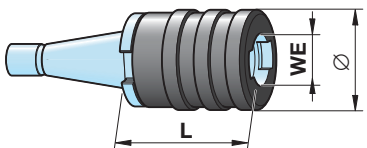
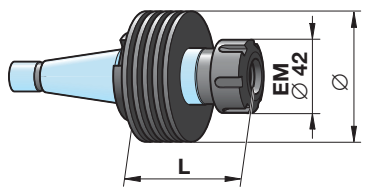
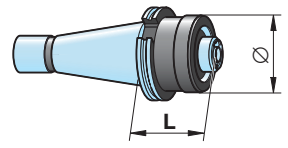
● Steilkegel-Werkzeughalter SK DIN 2080

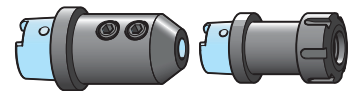
▲ Taper toolholder, shank type S.A. DIN 2080

■ Mandrin à attachement S.A. DIN 2080

## ISO 30 – ISO 40

● Geeignet für: ▲ Used with: ■ Se monte sur:	● Typ ▲ Type ■ Type	● Best.-Nr. ▲ Order No. ■ N° de cde.	● Abmessungen für Aufbau ▲ Assembly dimensions ■ Cotations pour implantation	● Bezeichnung ▲ Description ■ Désignation
BEM 20/BEX 15	ISO 30/MK 1	140 196	MK 1 L=50 Ø25	<p>● Einsatzhülsen SK/MK Kombi. DIN 6383 ▲ Morse taper adapters, combi. DIN 6383 ■ Douille de réduction ISO/CM. DIN 6383</p>
BEM 20/BEX 15	ISO 30/MK 2	140 197	MK 2 L=50 Ø32	
BEM 20/BEX 15	ISO 30/MK 3	140 198	MK 3 L=70 Ø40	
BEM 28/BEX 35	ISO 40/MK 1	140 199	MK 1 L=50 Ø25	
BEM 28/BEX 35	ISO 40/MK 2	140 200	MK 2 L=50 Ø32	
BEM 28/BEX 35	ISO 40/MK 3	140 201	MK 3 L=65 Ø40	
BEM 28/BEX 35	ISO 40/MK 4	140 204	MK 4 L=95 Ø48	
BEM 20/BEX 15	ISO 30/B 16	58 657 01	B 16 L=35 l=20	<p>● Bohrfutteraufnahme B 16 ▲ Drill chuck adapter B 16 ■ Mandrin pour perceuse montage B 16</p>
BEM 28/BEX 35	ISO 40/B 16	58 657 02	B 16 L=35 l=20	
BEM 20/BEX 15	ISO 30/W 6	59 539 01	W 6 L=40 Ø25	<p>● Ausführung bis Ø 20 mm ▲ Design up to dia. 20 mm ■ Exécution jusqu'au Ø 20 mm</p> <p>● Weldon-Spannfutter DIN 6359 ▲ End mill adapter, Weldon DIN 6359 ■ Mandrin de serrage Weldon DIN 6359</p>
BEM 20/BEX 15	ISO 30/W 8	59 539 02	W 8 L=40 Ø28	
BEM 20/BEX 15	ISO 30/W 10	59 539 03	W 10 L=40 Ø35	
BEM 20/BEX 15	ISO 30/W 12	59 539 04	W 12 L=40 Ø42	
BEM 20/BEX 15	ISO 30/W 16	59 539 06	W 16 L=50 Ø48	
BEM 20/BEX 15	ISO 30/W 20	59 539 08	W 20 L=63 Ø52	
BEM 28/BEX 35	ISO 40/W 6	59 539 11	W 6 L=50 Ø25	
BEM 28/BEX 35	ISO 40/W 8	59 539 12	W 8 L=50 Ø28	
BEM 28/BEX 35	ISO 40/W 10	59 539 13	W 10 L=50 Ø35	
BEM 28/BEX 35	ISO 40/W 12	59 539 14	W 12 L=50 Ø42	
BEM 28/BEX 35	ISO 40/W 14	59 539 15	W 14 L=50 Ø44	
BEM 28/BEX 35	ISO 40/W 16	59 539 16	W 16 L=63 Ø48	
BEM 28/BEX 35	ISO 40/W 18	59 539 17	W 18 L=63 Ø50	
BEM 28/BEX 35	ISO 40/W 20	59 539 18	W 20 L=63 Ø52	
BEM 28/BEX 35	ISO 40/W 25	59 539 19	W 25 L=90 Ø65	
BEM 28/BEX 35	ISO 40/W 32	59 539 20	W 32 L=100 Ø72	

<ul style="list-style-type: none"> <li>● Geeignet für:</li> <li>▲ Used with:</li> <li>■ Se monte sur:</li> </ul>	<ul style="list-style-type: none"> <li>● Typ</li> <li>▲ Type</li> <li>■ Type</li> </ul>	<ul style="list-style-type: none"> <li>● Best.-Nr.</li> <li>▲ Order No.</li> <li>■ N° de cde.</li> </ul>	<ul style="list-style-type: none"> <li>● Abmessungen für Aufbau</li> <li>▲ Assembly dimensions</li> <li>■ Cotations pour implantation</li> </ul>			<ul style="list-style-type: none"> <li>● Bezeichnung</li> <li>▲ Description</li> <li>■ Désignation</li> </ul>	
BEM 20/BEX 15	<b>ISO 30/FD 13</b>	58 647 02	L=25	l=22	∅13	 <ul style="list-style-type: none"> <li>● Mitnehmerring</li> <li>▲ Ring driver</li> <li>■ Bague à tenons</li> </ul>	<ul style="list-style-type: none"> <li>● Kombi-Aufsteckfräsdorne DIN 6358 zur Aufnahme von Fräsern mit Längs- und Quernut</li> <li>▲ Combination face mill adapter DIN 6358 for cutters with transversal slot or key drive</li> <li>■ Mandrin à double usage DIN 6358 pour fraise avec rainures en long et transversal</li> </ul>
BEM 20/BEX 15	<b>ISO 30/FD 16</b>	58 647 01	L=25	l=27	∅16		
BEM 20/BEX 15	<b>ISO 30/FD 22</b>	58 647 03	L=23	l=31	∅22		
BEM 28/BEX 35	<b>ISO 40/FD 13</b>	58 647 08	L=42	l=22	∅13		
BEM 28/BEX 35	<b>ISO 40/FD 16</b>	58 679 01	L=42	l=27	∅16		
BEM 28/BEX 35	<b>ISO 40/FD 22</b>	58 679 02	L=40	l=31	∅22		
BEM 28/BEX 35	<b>ISO 40/FD 27</b>	58 679 03	L=40	l=33	∅27		
BEM 28/BEX 35	<b>ISO 40/FD 32</b>	58 679 04	L=38	l=38	∅32		
BEM 28/BEX 35	<b>ISO 40/FD 40</b>	58 679 05	L=38	l=41	∅40		
BEX 35/BEX 45	<b>ISO 40/WT 5</b>	59 540 03	30 Nm	L=62	∅0,5-8		<ul style="list-style-type: none"> <li>● CNC-Universalbohrfutter bis 7000 min<sup>-1</sup></li> <li>▲ NC drill chucks up to 7000 RPM</li> <li>■ Mandrin de perçage NC jusqu'à 7000 t.min<sup>-1</sup></li> </ul>
BEX 35/BEX 45	<b>ISO 40/WT 6</b>	59 540 04	80 Nm	L=83	∅1-13		
BEX 35/BEX 45	<b>ISO 40/WT 7</b>	59 540 05	90 Nm	L=83	∅3-16		
BEM 20/BEX 15	<b>ISO 30/ER 25</b>	59 541 01	L=43	∅42	ER 25		<ul style="list-style-type: none"> <li>● Spannzangenhalter für ER-Spannzangen, Seite G 03</li> <li>▲ Toolholder for ER collet, page G 03</li> <li>■ Mandrin pour pince ER, page G 03</li> </ul>
BEM 20/BEX 15	<b>ISO 30/ER 32</b>	140 265	L=50	∅50	ER 32		
BEM 28/BEX 35	<b>ISO 40/ER 32</b>	59 541 02	L=50	∅50	ER 32		
BEM 28/BEX 35	<b>ISO 40/ER 40</b>	59 541 03	L=55	∅63	ER 40		
BEM 20/BEX 15	<b>ISO 30/DF 6</b>	59 542 01	DF 6	L=72	∅26		<ul style="list-style-type: none"> <li>● Dehnspannfutter (Werkzeugtoleranz: h6)</li> <li>▲ Expansion chuck (Tool tolerance: h6)</li> <li>■ Mandrin expansible (tolérance h6 des outils)</li> </ul>
BEM 20/BEX 15	<b>ISO 30/DF 8</b>	59 542 02	DF 8	L=72	∅28		
BEM 20/BEX 15	<b>ISO 30/DF 10</b>	59 542 03	DF 10	L=72	∅30		
BEM 20/BEX 15	<b>ISO 30/DF 12</b>	59 542 04	DF 12	L=72	∅32		
BEM 28/BEX 35	<b>ISO 40/DF 6</b>	59 542 05	DF 6	L=81	∅26		
BEM 28/BEX 35	<b>ISO 40/DF 8</b>	59 542 06	DF 8	L=81	∅28		
BEM 28/BEX 35	<b>ISO 40/DF 10</b>	59 542 07	DF 10	L=81	∅30		
BEM 28/BEX 35	<b>ISO 40/DF 12</b>	59 542 08	DF 12	L=81	∅32		
BEM 28/BEX 35	<b>ISO 40/DF 16</b>	59 542 09	DF 16	L=81	∅38		
BEM 28/BEX 35	<b>ISO 40/DF 20</b>	59 542 10	DF 20	L=81	∅42		
BEM 28/BEX 35	<b>ISO 40/DF 32</b>	59 542 11	DF 32	L=81	∅63		
BEM 28/BEX 35	<b>ISO 40/WE 2</b>	59 543 03	WE 2	L=59	∅36		<ul style="list-style-type: none"> <li>● Gewindeschneid-Schnellwechselfutter, Druck, Zug</li> <li>▲ Quick-change spindle adapter. Tension and compression</li> <li>■ Mandrin de taraudage changement rapide, compression, extension</li> </ul>
BEM 28/BEX 35	<b>ISO 40/WE 3</b>	59 543 04	WE 3	L=97	∅53		
BEM 28/BEX 35	<b>ISO 40/WE 4</b>	59 543 05	WE 4	L=149	∅78		
BEM 28/BEX 35	<b>ISO 40/WE 5</b>	59 543 06	WE 5	L=165	∅96		
BEM 20 BEX 15 ISO	<b>ISO 30/FLI 30</b>	58 659 01	EM ∅42	L=87	∅69		<ul style="list-style-type: none"> <li>● Fließbohrfutter für Spannzange ER 25</li> <li>▲ Flow drill toolholder for ER 25 collets</li> <li>■ Mandrin pour fluoperçage par pince ER 25</li> </ul>
BEM 28/BEX 35	<b>ISO 40/HSK 40</b>	59 544 01	HSK 40	L=40	∅40		
BEM 28/BEX 35	<b>ISO 40/HSK 50</b>	59 544 02	HSK 50	L=60	∅50		
BEM 28/BEX 35	<b>ISO 40/HSK 63</b>	59 544 03	HSK 63	L=75	∅63		<ul style="list-style-type: none"> <li>● Hohlschaft-Werkzeughalter HSK-A, Handspannung, Seite G 12</li> <li>▲ Hollow shaft toolholder HSK-A, manual chucking, page G 12</li> <li>■ Mandrin cône-creux HSK-A, serrage manuel, page G 12</li> </ul>

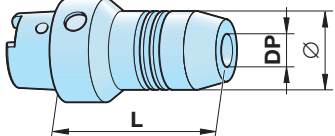
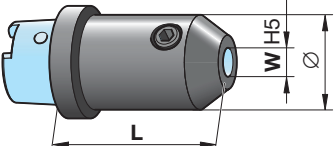
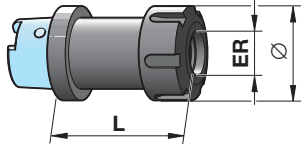


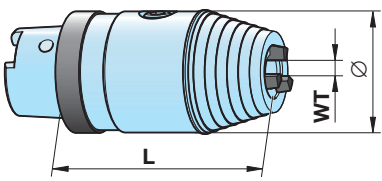
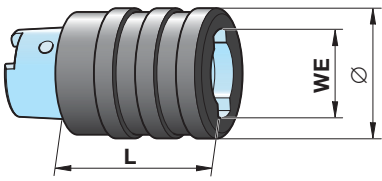
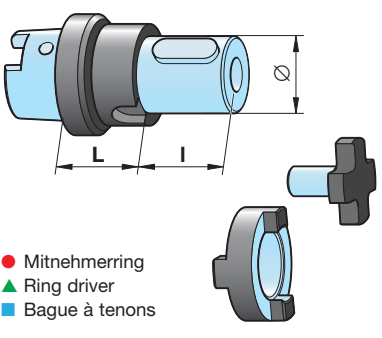
● Hohlenschaft-Werkzeughalter HSK, DIN 69893, für manuellen Wechsel


▲ Hollow shaft toolholder HSK, DIN 69893, for manual tool change

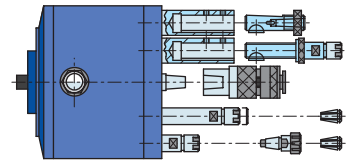
■ Mandrin à cône-creux HSK, DIN 69893, pour changement manuel

## HSK 50 - HSK 63

● Geeignet für: ▲ Used with: ■ Se monte sur:	● Typ ▲ Type ■ Type	● Best.-Nr. ▲ Order No. ■ N° de cde.	● Abmessungen für Aufbau ▲ Assembly dimensions ■ Cotations pour implantation			● Bezeichnung ▲ Description ■ Désignation
BEM 20/BEX 15	HSK 50/DP 6	59 545 01	DP 6	L=62	∅26	<p>● Hydraulik-Dehnspannfutter für Werkzeugtoleranz h6 bei ∅ 6 und 8 mm, h7 bei ∅ 10 bis 20 mm</p> <p>▲ Hydraulic expansion chuck, for tool tolerance h6 ∅ 6 and 8 mm, h7 ∅ 10 to 20 mm</p> <p>■ Mandrin expansible hydraulique pour outil h6 ∅ 6 et 8 mm, h7 ∅ 10 à 20 mm</p>
BEM 20/BEX 15	HSK 50/DP 8	59 545 02	DP 8	L=62	∅28	
BEM 20/BEX 15	HSK 50/DP 10	59 545 03	DP 10	L=67	∅30	
BEM 20/BEX 15	HSK 50/DP 12	59 545 04	DP 12	L=77	∅32	
BEM 20/BEX 15	HSK 50/DP 16	59 545 05	DP 16	L=82	∅38	
BEM 20/BEX 15	HSK 50/DP 20	59 545 06	DP 20	L=82	∅42	
BEX 35	HSK 63/DP 6	59 545 11	DP 6	L=62	∅26	
BEX 35	HSK 63/DP 8	59 545 12	DP 8	L=62	∅28	
BEX 35	HSK 63/DP 10	59 545 13	DP 10	L=67	∅30	
BEX 35	HSK 63/DP 12	59 545 14	DP 12	L=77	∅32	
BEX 35	HSK 63/DP 16	59 545 15	DP 16	L=82	∅38	
BEX 35	HSK 63/DP 20	59 545 16	DP 20	L=82	∅42	
BEM 20/BEX 15	HSK 50/W 6	59 545 21	W 6	L=60	∅25	 <p>● Ausführung bis ∅ 20 mm ▲ Design up to dia. 20 mm ■ Exécution jusqu'au ∅ 20 mm</p> <p>● Zylinderschaftaufnahme nach DIN 1835-2, Form E (Whistle notch)</p> <p>▲ Side lock holder according to DIN 1835-2, form E (Whistle notch)</p> <p>■ Mandrin de serrage cylindrique, selon DIN 1835-2, forme E (Whistle notch)</p>
BEM 20/BEX 15	HSK 50/W 8	59 545 22	W 8	L=60	∅28	
BEM 20/BEX 15	HSK 50/W 10	59 545 23	W 10	L=65	∅35	
BEM 20/BEX 15	HSK 50/W 12	59 545 24	W 12	L=75	∅42	
BEM 20/BEX 15	HSK 50/W 14	59 545 25	W 14	L=75	∅44	
BEM 20/BEX 15	HSK 50/W 16	59 545 26	W 16	L=80	∅48	
BEM 20/BEX 15	HSK 50/W 18	59 545 27	W 18	L=80	∅50	
BEM 20/BEX 15	HSK 50/W 20	59 545 28	W 20	L=80	∅52	
BEX 35	HSK 63/W 6	59 545 31	W 6	L=60	∅25	
BEX 35	HSK 63/W 8	59 545 32	W 8	L=60	∅28	
BEX 35	HSK 63/W 10	59 545 33	W 10	L=65	∅35	
BEX 35	HSK 63/W 12	59 545 34	W 12	L=75	∅42	
BEX 35	HSK 63/W 14	59 545 35	W 14	L=75	∅44	
BEX 35	HSK 63/W 16	59 545 36	W 16	L=80	∅48	
BEX 35	HSK 63/W 18	59 545 37	W 18	L=80	∅50	
BEX 35	HSK 63/W 20	59 545 38	W 20	L=80	∅52	
BEX 35	HSK 63/W 25	59 545 39	W 25	L=95	∅65	
BEX 35	HSK 63/W 32	59 545 40	W 32	L=100	∅72	
BEM 20/BEX 15	HSK 50/ER 16	59 545 51	ER 16	L=60	∅28	 <p>● Spannzangenhalter für ER-Spannzange, Seite G 03 ▲ Collet chuck for collet ER, page G 03 ■ Mandrin pour pince ER, page G 03</p>
BEM 20/BEX 15	HSK 50/ER 32	59 545 52	ER 32	L=75	∅50	
BEX 35	HSK 63/ER 16	59 545 53	ER 16	L=100	∅28	
BEX 35	HSK 63/ER 32	59 545 54	ER 32	L=100	∅50	

● Geeignet für: ▲ Used with: ■ Se monte sur:	● Typ ▲ Type ■ Type	● Best.-Nr. ▲ Order No. ■ N° de cde.	● Abmessungen für Aufbau ▲ Assembly dimensions ■ Cotations pour implantation	● Bezeichnung ▲ Description ■ Désignation
BEM 20/BEX 15	<b>HSK 50/WT 8</b>	59 546 01	WT 0,5–8 L=98 Ø 36	 <ul style="list-style-type: none"> <li>● CNC-Universalbohrfutter, bis 35 000 min<sup>-1</sup>, 30, 80, 90 Nm</li> <li>▲ NC drill chucks, up to 35 000 RPM, 30, 80, 90 Nm</li> <li>■ Mandrin de perçage NC, jusqu'à 35 000 t.min<sup>-1</sup>, 30, 80, 90 Nm</li> </ul>
BEM 20/BEX 15	<b>HSK 50/WT 9</b>	59 546 02	WT 1–13 L=98 Ø 50	
BEX 35	<b>HSK 63/WT 10</b>	59 546 03	WT 0,5–8 L=99 Ø 36	
BEX 35	<b>HSK 63/WT 11</b>	59 546 04	WT 1–13 L=98 Ø 50	
BEX 35	<b>HSK 63/WT 12</b>	59 546 05	WT 3–16 L=103 Ø 50	
BEM 20/BEX 15	<b>HSK 50/WE 2</b>	59 546 11	WE 2 L=81 Ø 60	 <ul style="list-style-type: none"> <li>● Gewindeschneid-Schnellwechselfutter, Druck, Zug</li> <li>▲ Quick-change spindle adapter. Tension and compression</li> <li>■ Mandrin de taraudage à changement rapide, compression, extension</li> </ul>
BEX 35	<b>HSK 63/WE 2</b>	59 546 13	WE 2 L=71 Ø 60	
BEX 35	<b>HSK 63/WE 3</b>	59 546 14	WE 3 L=115 Ø 86	
BEM 20/BEX 15	<b>HSK 50/FD 16</b>	59 546 21	Ø 16 L=40 l=27	 <ul style="list-style-type: none"> <li>● Kombi-Aufsteckfräsdorne zur Aufnahme von Fräsern mit Längs- und Quernut</li> <li>▲ Combination face mill adapter for cutters with transversal slot or key drive</li> <li>■ Mandrin à double usage pour fraise avec rainures en long et transversal</li> </ul> <p>● Mitnehmerring ▲ Ring driver ■ Bague à tenons</p>
BEM 20/BEX 15	<b>HSK 50/FD 22</b>	59 546 22	Ø 22 L=38 l=31	
BEM 20/BEX 15	<b>HSK 50/FD 27</b>	59 546 23	Ø 27 L=53 l=33	
BEM 20/BEX 15	<b>HSK 50/FD 32</b>	59 546 24	Ø 32 L=51 l=38	
BEX 35	<b>HSK 63/FD 16</b>	59 546 25	Ø 16 L=40 l=27	
BEX 35	<b>HSK 63/FD 22</b>	59 546 26	Ø 22 L=38 l=31	
BEX 35	<b>HSK 63/FD 27</b>	59 546 27	Ø 27 L=53 l=33	
BEX 35	<b>HSK 63/FD 32</b>	59 546 28	Ø 32 L=51 l=38	
BEX 35	<b>HSK 63/FD 40</b>	59 546 29	Ø 40 L=56 l=41	
BEM 20/BEX 15	<b>HSK 50/MK 1</b>	59 546 31	MK 1 L=100 Ø 25	
BEM 20/BEX 15	<b>HSK 50/MK 2</b>	59 546 32	MK 2 L=120 Ø 32	
BEM 20/BEX 15	<b>HSK 50/MK 3</b>	59 546 33	MK 3 L=140 Ø 40	
BEX 35	<b>HSK 63/MK 1</b>	59 546 34	MK 1 L=100 Ø 25	
BEX 35	<b>HSK 63/MK 2</b>	59 546 35	MK 2 L=120 Ø 32	
BEX 35	<b>HSK 63/MK 3</b>	59 546 36	MK 3 L=140 Ø 40	
BEX 35	<b>HSK 63/MK 4</b>	59 546 37	MK 4 L=160 Ø 48	

BEX 15	<b>HSK 50/MV</b>	59 899 01	HSK 50 L=11 Ø 50	 <ul style="list-style-type: none"> <li>● Messingverschlussringe</li> <li>▲ Brass collars</li> <li>■ Bague d'arrêt en laiton</li> </ul>
BEX 35/BEX 45	<b>HSK 63/MV</b>	59 899 02	HSK 63 L=14 Ø 63	
BEX 65	<b>HSK 100/MV</b>	59 899 03	HSK 100 L=23 Ø 100	

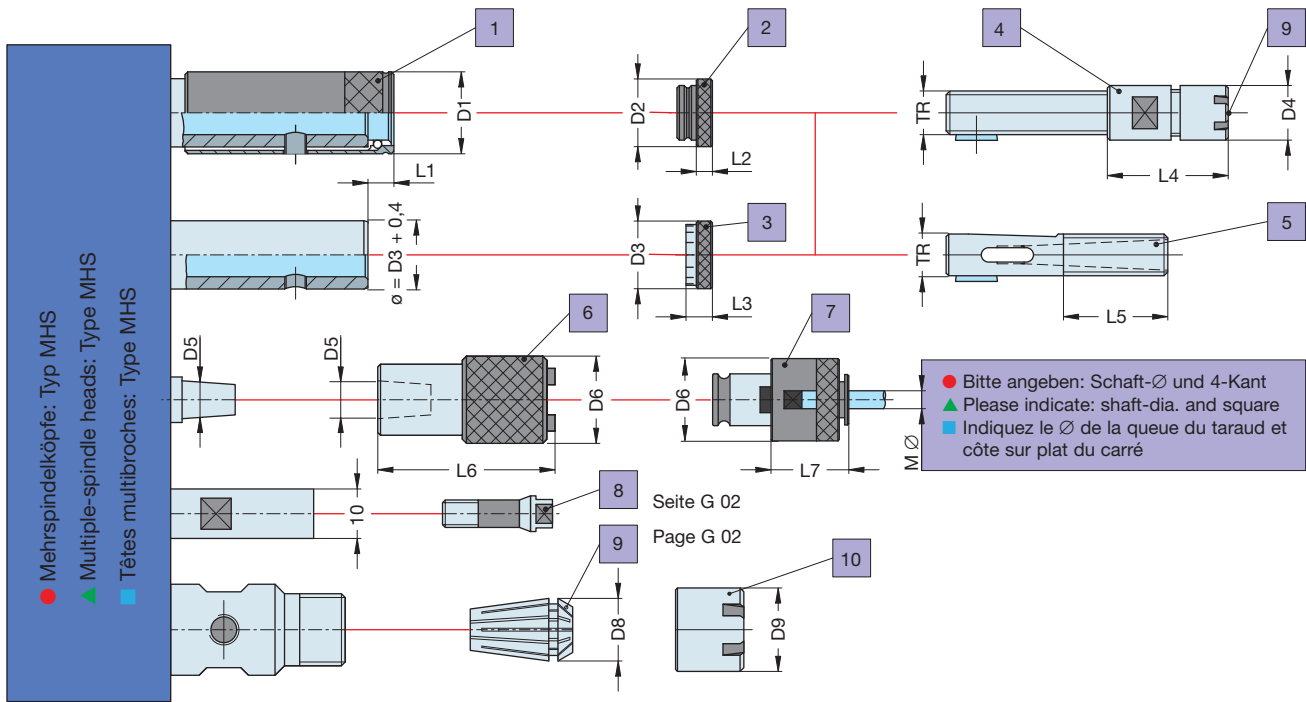


● Werkzeugspannsysteme für Mehrspindelköpfe Typ MHS

▲ Toolholder systems for multiple-spindle heads type MHS

■ Système porte-outils pour têtes multibroches type MHS





	Type	ASBA 12	ASBA 16	ASBA 20	ASBA 25	ASBA 28	ASBA 32
1	● Schnellwechselfutter ▲ Quick-ch. toolholder ■ Mandrin à ch. rapide	D1 = 24 L1 = 9	D1 = 30 L1 = 9,5	D1 = 38 L1 = 11	D1 = 45 L1 = 12	D1 = 48 L1 = 12	D1 = 55 L1 = 14
	Order No.	58 722 01	907 109	58 722 02	58 722 03	907 110	58 722 04
2	● Stellmutter ▲ Quick-ch. adj. lock nut ■ Ecrou de réglage	D2 = 21,5 L2 = 9	D2 = 30 L2 = 9	D2 = 33 L2 = 9	D2 = 45 L2 = 12	D2 = 42 L2 = 10	D2 = 47 L2 = 10
	Order No.	58 723 01	907 112	58 723 02	58 723 03	907 114	58 723 04
3	● Stellmutter ▲ Adjustment lock nut ■ Ecrou de réglage	D3 = 19,7 L3 = 6	D3 = 24,6 L3 = 12	D3 = 31,6 L3 = 12	D3 = 36,6 L3 = 12	D3 = 39,6 L3 = 12	D3 = 44,6 L3 = 12
	Order No.	58 724 01	907 113	58 724 02	58 724 03	907 115	58 724 04
4	● Stellhülsen-Spannzangenfutter ▲ Automotive collet toolholder ■ Douille porte-pince	D4 = 16 L4 = 35	D4 = 28 L4 = 42	D4 = 28 L4 = 48	—	D4 = 35 L4 = 50	—
	TR	12 x 1,5	16 x 1,5	20 x 2	—	28 x 2	—
	Order No.	58 725 01	907 120	58 725 02	—	907 125	—
5	● Stellhülse mit Morsekonus-aufnahme DIN 6327 ▲ Automotive morse taper toolholder DIN 6327 ■ DIN 6327 Douille réglable pour cône Morse	D12 - 6	D16 - 0	D20 - 1	D25 - 1	D28 - 1	D 32 - 2
	TR	12 x 1,5	16 x 1,5	20 x 2	25 x 2	28 x 2	32 x 3
	Order No.	58 726 01	907 116	58 726 02	58 726 03	907 121	58 726 04
	TR	—	16 x 1,5	—	25 x 2	28 x 2	32 x 3
	Order No.	—	907 117	—	58 726 05	907 122	58 726 06
6	● Gewindeschneid-Schnellwechselfutter ▲ Quick-change tapholder ■ Porte-taraud à changement rapide	D5 = B10 L6 = 54	D5 = B12 L6 = 55	D5 = B12 L6 = 59	D5 = B16 L6 = 65	D5 = B16 L6 = 84	D5 = B18 L6 = 92
	Order No.	58 727 01	907 252	58 727 03	906 749	58 727 05	58 727 06
7	● Einsatz mit Sicherheitskupplung ▲ Tap insert with safety clutch ■ Adaptateur taraud avec friction	D6 = 23 L7 = 21	D6 = 23 L7 = 21	D6 = 32 L7 = 25	D6 = 32 L7 = 25	D6 = 50 L7 = 34	D6 = 50 L7 = 34
	Order No.	58 728 01	58 728 02	58 728 03	58 728 04	58 728 05	58 728 06
10	● Spannmutter ▲ Collet nut ■ Ecrou serrage	D8 = ER8 D9 = 12	D8 = ER11 D9 = 15,8	D8 = ER16 D9 = 21	D8 = ER20 D9 = 27	D8 = ER25 D9 = 35	
	Order No.	921 266 00	921 267 00	921 268 00	921 269 00	921 270 00	