

# Schnellwechsel-System mini-fix

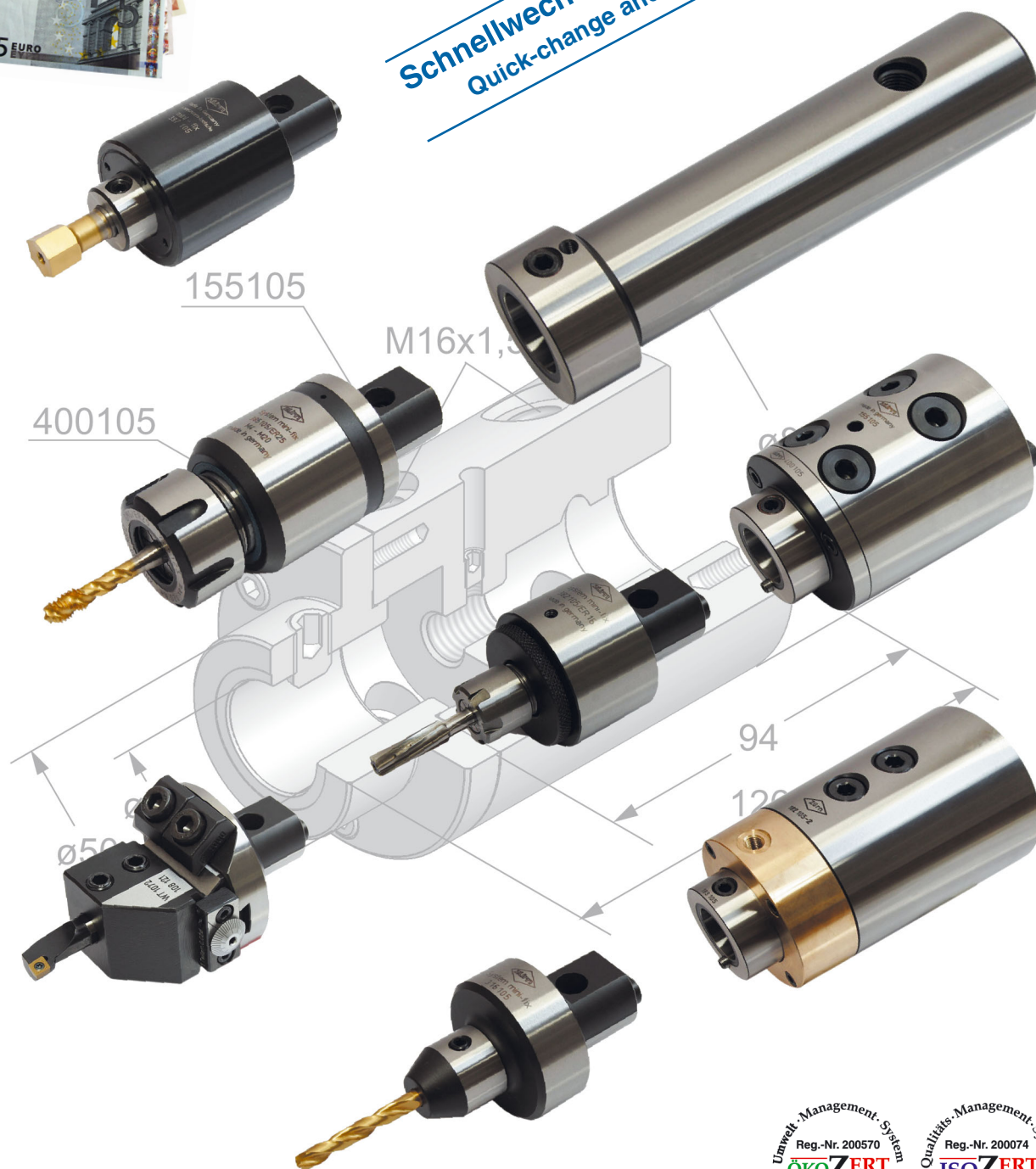
Quick-change system mini-fix



Preiskatalog Nr. 120  
Price-catalogue No. 120



**Schnellwechselbar und voreinstellbar**  
Quick-change and pre-setting function





## Schnellwechsel-System mini-fix

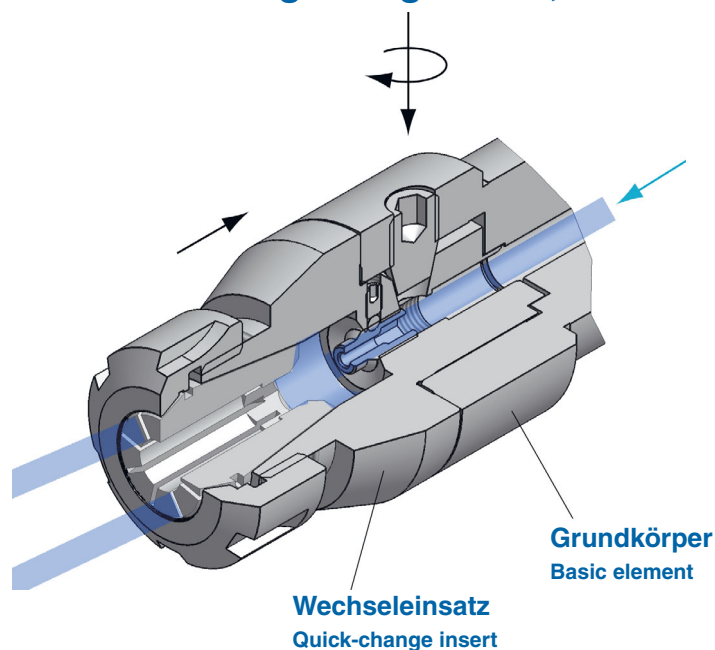
für Mehrspindel-Drehautomaten, Sondermaschinen etc.

Schnellwechselbar

Voreinstellbar

Einführungsspiel der Wechseleinsätze 0,2 mm

Rundlaufgenauigkeit < 0,01 mm



## Quick-change system mini-fix

for multiple automatic lathes, special machines etc.

Quick change

Pre-setting function

Leading-in motion of the interchangeable inserts 0.2 mm

Concentricity < 0.01 mm

**Werkstoff:** Legierter Einsatzstahl mit einer Zugfestigkeit im Kern von min. 800 N/mm

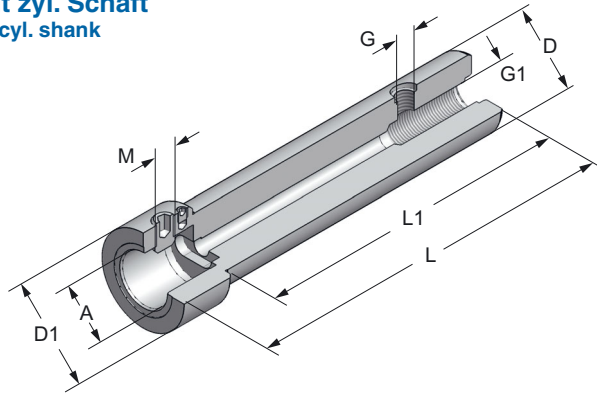
**Ausführung:** Einsatzgehärtet HRc 60 -2 (HV 700 ± 50)  
Härtetiefe 0,8 mm -0,2  
Brüniert und präzisionsgeschliffen

**Material:** Case hardened steel, tensile strength in the core min. 800 N/mm

**Execution:** Case hardened HRc 60 -2 (HV 700 ± 50)  
Depth of case 0.8 mm -0.2  
Brown-finished end precision ground

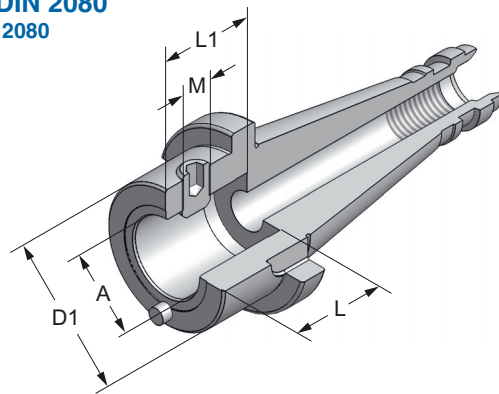
Technische Änderungen vorbehalten · We reserve the right to make technical changes.

**Grundkörper mit zyl. Schaft**  
**Basic element with cyl. shank**



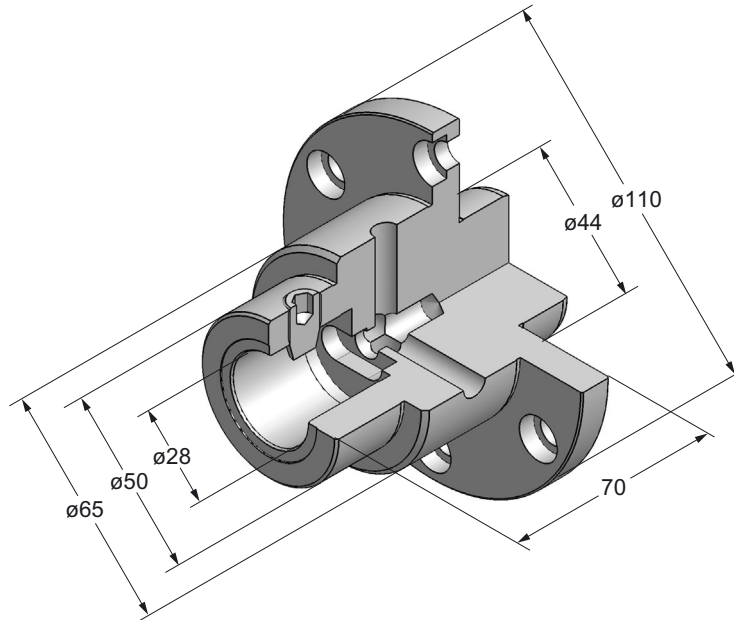
Art.-Nr.	Typ	A	D h6	D1	G	G1	L	L1	M	M-Art.-Nr.	€
146105	G 39.01	22	25,4	39	G1/4"		78	48	10x1	111100	185,00
149105	G 39.04	22	40	40			200		10x1	111100	198,00
150105	G 39.05	22	40	50		M12	97	75	10x1	111100	198,00
161105	G 50.01	28	25,4	50			84	48	12x1	121100	195,00
162105	G 50.02	28	38,1	50	G1/4"	G3/8"	190	160	12x1	121100	210,00
163105	G 50.03	28	40	50	G1/4"	G3/8"	200	170	12x1	121100	210,00
164105	G 50.04	28	50	50	G1/4"	G3/8"	200		12x1	121100	210,00
165105	G 50.05	28	50,8	50,8	G1/4"	G3/8"	200		12x1	121100	210,00
166105	G 50.06	28	40	50		M12	105	75	12x1	121100	220,00
167105		28	63,5	63,5	G1/4"	G3/8"	200		12x1	121100	245,00
168105		28	60	60	G1/4"	G3/8"	200		12x1	121100	245,00
176105	G 63.01	36	50	63	G1/4"	G3/8"	208	170	16x1,5	141100	260,00
177105	G 63.02	36	50,8	63	G1/4"	G3/8"	208	170	16x1,5	141100	260,00
178105	G 63.03	36	60	63	G1/4"	G3/8"	208	170	16x1,5	141100	260,00
180105	G 60.04	36	57,15	63	G1/4"	G3/8"	208	170	16x1,5	141100	260,00

**Grundkörper SK40 DIN 2080**  
**Basic element SK40 DIN 2080**



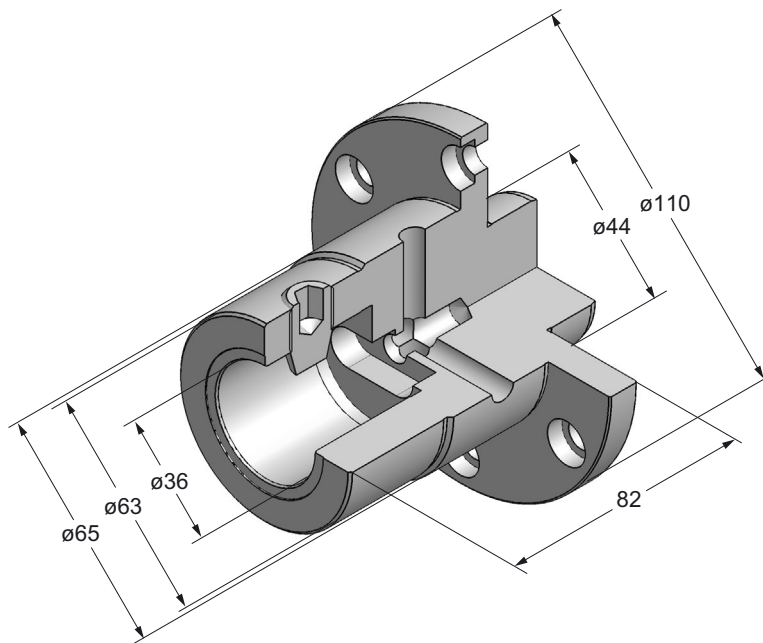
Art.-Nr.	Typ	A	SK	D1	L	L1	M	M-Art.-Nr.	€
191105	SK40xø13	13	40	23	40	18	6x0,75	105100	260,00
190105	SK40xø16	16	40	28	40	21	8x1	101100	260,00
189105	SK40xø18	18	40	32	40	23	8x1	101100	260,00
188105	SK40xø20	20	40	35	40	24	8x1	101100	260,00
187105	SK40xø22	22	40	39	40	26	10x1	111100	260,00
186105	SK40xø28	28	40	50	40	35	12x1	121100	260,00
185105	SK40xø36	36	40	63	40	45	16x1,5	141100	260,00

**Grundkörper für Schütte mini-fix Gr.6**  
 Basic element for Schütte mini-fix Gr.6



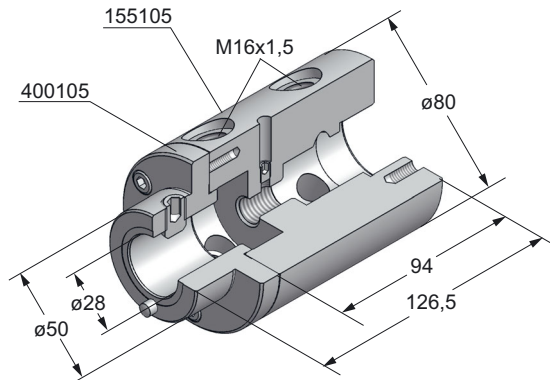
Art.-Nr.	Typ	€
208105	Grundkörper für Schütte mini-fix Gr.6	880,00
	Basic element for Schütte mini-fix Gr.6	

**Grundkörper für Schütte mini-fix Gr.7**  
 Basic element for Schütte mini-fix Gr.7

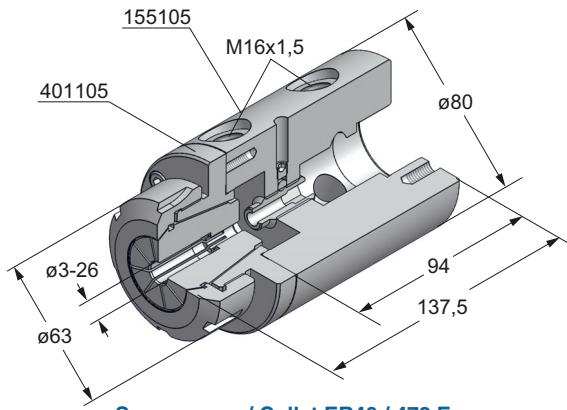


Art.-Nr.	Typ	€
209105	Grundkörper für Schütte mini-fix Gr.7	880,00
	Basic element for Schütte mini-fix Gr.7	

**Grundkörper für INDEX MS25**  
**Basic element for INDEX MS25**



**Radial justierbar + 6x60° umsetzbar**  
**Radial adjustable + 6x60° changeable**

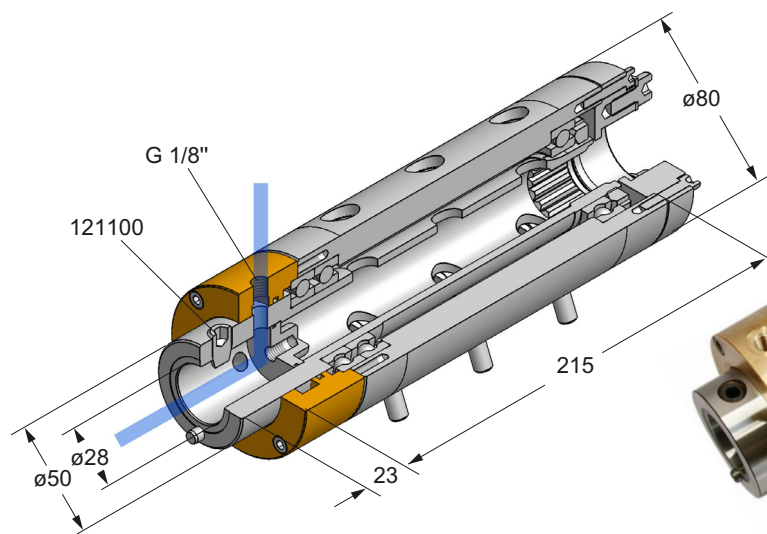


**Spannzange / Collet ER40 / 472 E**



Art.-Nr.	Typ	€
155105	Grundkörper Basic element	230,00
400105	Wechseleinsatz mini - fix Gr. 6 Quick-change insert	145,00
401105	Wechseleinsatz Zangenfutter ER40 Quick-change insert collet chuck	150,00

**Schnellbohrspindel für INDEX MS25 mit i. K.**  
**High-speed drilling spindle for INDEX MS25 with coolant**

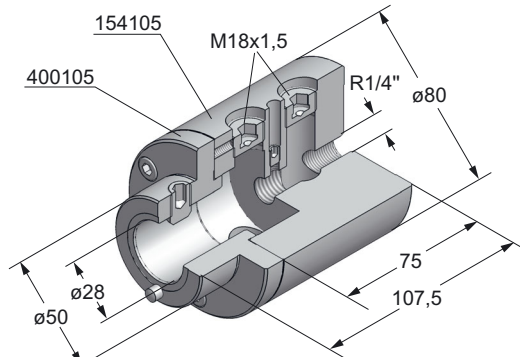


Art.-Nr.	Typ	€
175105	Schnellbohrspindel High-speed drilling spindle	1575,00

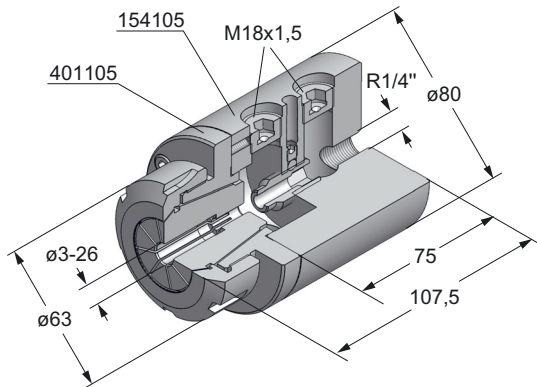


**Grundkörper für SAY 6/25 + SAY 6/32**

Basic element for SAY 6/25 + SAY 6/32



**Radial justierbar + 6x60° umsetzbar**  
**Radial adjustable + 6x60° changeable**



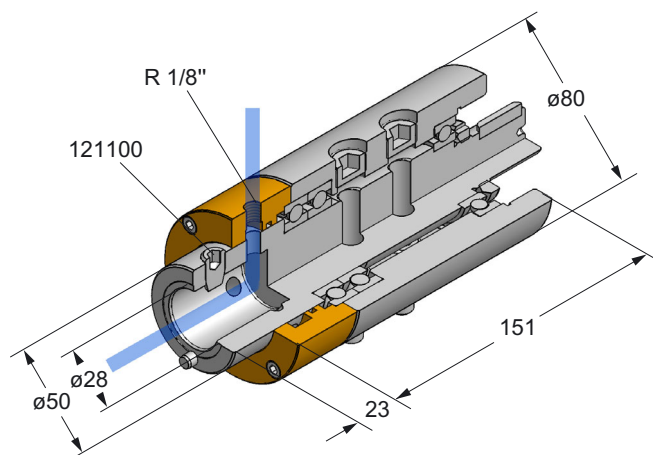
**Spannzange / Collet ER40 / 472 E**



Art.-Nr.	Typ	€
154105	Grundkörper Basic element	220,00
400105	Wechseleinsatz mini - fix Gr. 6 Quick-change insert	145,00
401105	Wechseleinsatz Zangenfutter ER40 Quick-change insert collet chuck	150,00

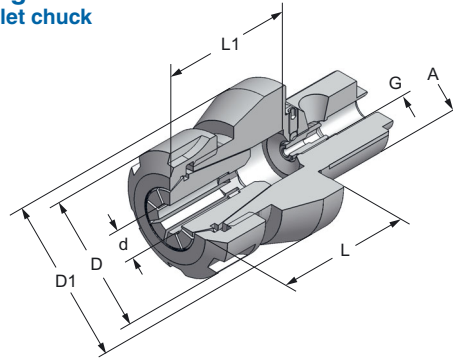
**Schnellbohrspindel für SAY 6/25 + SAY 6/32 mit i.K.**

High-speed drilling spindle for SAY 6/25 + SAY 6/32 with coolant



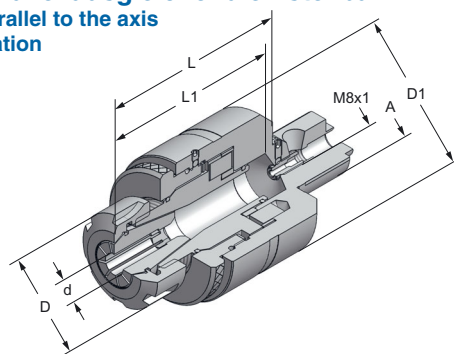
Art.-Nr.	Typ	€
183105	Schnellbohrspindel High-speed drilling spindle	1450,00

**Wechseleinsatz Zangenfutter**  
**Quick-change insert collet chuck**



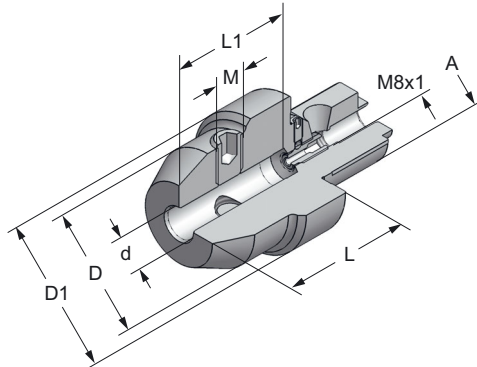
Art.-Nr.	Typ	A	D	D1	L	L1	G	d	Spannzange / Collet	€
261105	WE 23.01	13	22	23	35	32	M 4	1 - 10	ER 16 / 426 E	165,00
270105	WE 28.01	16	22	28	40	35	M 5	1 - 10	ER 16 / 426 E	155,00
281105	WE 32.00	18	22	32	37	32	M 5	1 - 10	ER 16 / 426 E	155,00
282105	WE 32.01	18	34	32	40	37	M 5	1 - 13	ER 20 / 428 E	155,00
293105	WE 35.01	20	28	35	40	35	M 5	1 - 10	ER 16 / 426 E	155,00
294105	WE 35.02	20	34	35	40	35	M 5	1 - 13	ER 20 / 428 E	155,00
296105	WE 39.01	22	28	39	50	45	M 8x1	1 - 10	ER 16 / 426 E	160,00
297105	WE 39.02	22	34	39	50	45	M 8x1	1 - 13	ER 20 / 428 E	160,00
298105	WE 39.03	22	42	39	50	45	M 8x1	1 - 16	ER 25 / 430 E	160,00
311105	WE 50.00	28	22	50	70	65	M 8x1	1 - 10	ER 16 / 426 E	170,00
312105	WE 50.01	28	42	50	50	40	M 8x1	1 - 16	ER 25 / 430 E	165,00
313105	WE 50.02	28	50	50	50	40	M 8x1	2 - 20	ER 32 / 470 E	165,00
314105	WE 50.03	28	63	50	60	50	M 8x1	3 - 30	ER 40 / 472 E	170,00
327105	WE 63.01	36	42	63	60	50	M 8x1	1 - 16	ER 25 / 430 E	185,00
328105	WE 63.02	36	50	63	60	50	M 8x1	2 - 20	ER 32 / 470 E	185,00
329105	WE 63.03	36	63	63	60	50	M 8x1	3 - 30	ER 40 / 472 E	185,00

**Pendelhalter, achsparallel ausgleichend einstellbar**  
**Floating holder, axially parallel to the axis**  
**with adjustable compensation**



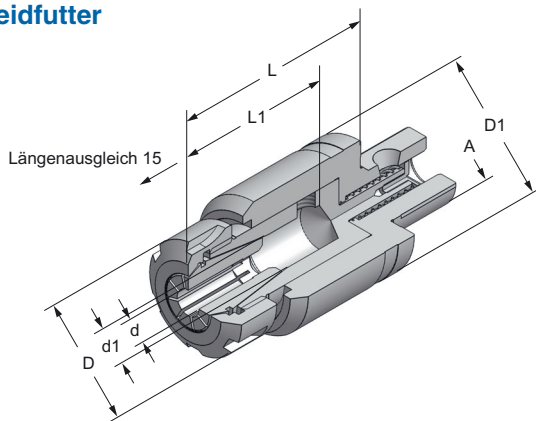
Art.-Nr.	Typ	A	D	D1	L	L1	d	Spannzange / Collet	€
392105	WE 39.14	22	22	44	65	45	1 - 10	ER 16 / 426 E	550,00
382105	WE 50.14	28	22	50	65	45	1 - 10	ER 16 / 426 E	455,00
383105	WE 50.15	28	42	63	88	50	1 - 16	ER 25 / 430 E	455,00
384105	WE 50.16	28	38	63	86	50	3 - 20	DA 180/419 E	455,00
390105	WE 63.15	36	42	63	88	50	1 - 16	ER 25 / 430 E	490,00
391105	WE 63.16	36	38	63	86	50	3 - 20	DA 180/419 E	490,00

**Wechseleinsatz Zylinderschaftaufnahme DIN 1835 B/E**  
**Quick-change insert holder for straight shank tools DIN 1835 B/E**



Art.-Nr.	Typ	A	d	D	D1	L	L1	M - Art.-Nr.	€
302105	WE 39.07	22	6	25	39	50	44	147100	145,00
303105	WE 39.08	22	8	28	39	50	44	148100	145,00
304105	WE 39.09	22	10	35	39	50	44	149100	140,00
305105	WE 39.10	22	12	39	39	50	47	150100	140,00
301105	WE 39.06	22	14	39	39	50	47	150100	140,00
306105	WE 39.11	22	16	39	39	60	50	151100	140,00
316105	WE 50.05	28	6	25	50	50	44	147100	155,00
317105	WE 50.06	28	8	28	50	50	44	148100	155,00
318105	WE 50.07	28	10	35	50	50	44	149100	150,00
319105	WE 50.08	28	12	42	50	50	47	150100	150,00
320105	WE 50.09	28	16	48	50	60	50	151100	150,00
321105	WE 50.10	28	20	50	50	60	52	152100	150,00
325105	WE 50.22	28	25	50	50	65	58	127100	155,00
333105	WE 63.07	36	10	35	63	60	50	149100	175,00
334105	WE 63.08	36	12	42	63	60	50	150100	175,00
335105	WE 63.09	36	16	48	63	60	50	151100	175,00
336105	WE 63.10	36	20	50	63	60	52	152100	175,00
337105	WE 63.11	36	25	50	63	65	58	153100	175,00

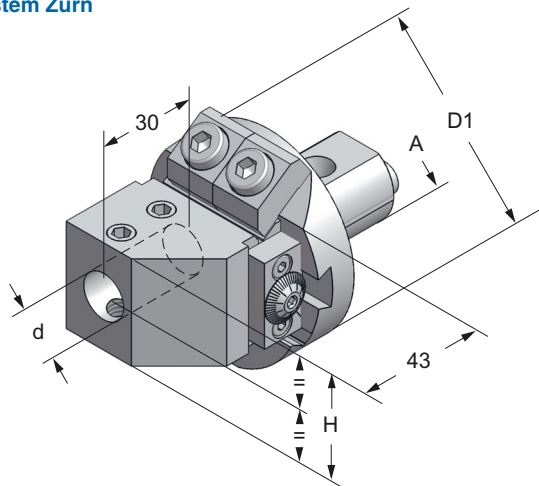
**Gewindeschneidfutter**  
**Auto tapper**



Art.-Nr.	Typ	A	D	D1	d1	L	L1	d	Spannzange / Collet	€
385105	WE 50.17	28	42	50	18	84	60	2 - 16	ER 25 / 430 E	360,00
385105-2	WE 50.17	28	50	50	21	101	50	3 - 20	ER 32 / 470 E	390,00
402105	WE 63.17	36	42	63	18	70	60	2 - 16	ER 25 / 430 E	385,00
402105-2	WE 63.17	36	50	63	21	87	50	3 - 20	ER 32 / 470 E	415,00

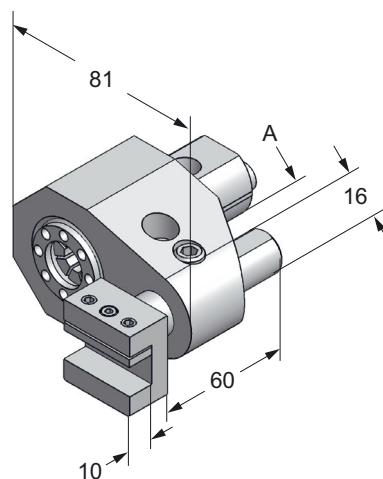
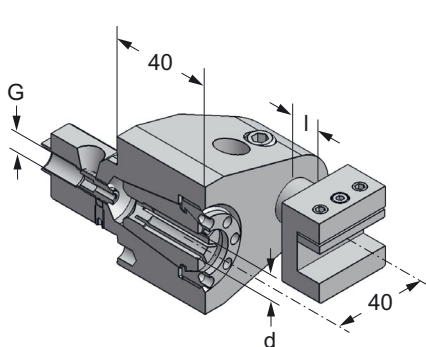


**Ausdrehkopf System Zürn**  
**Boring head System Zürn**



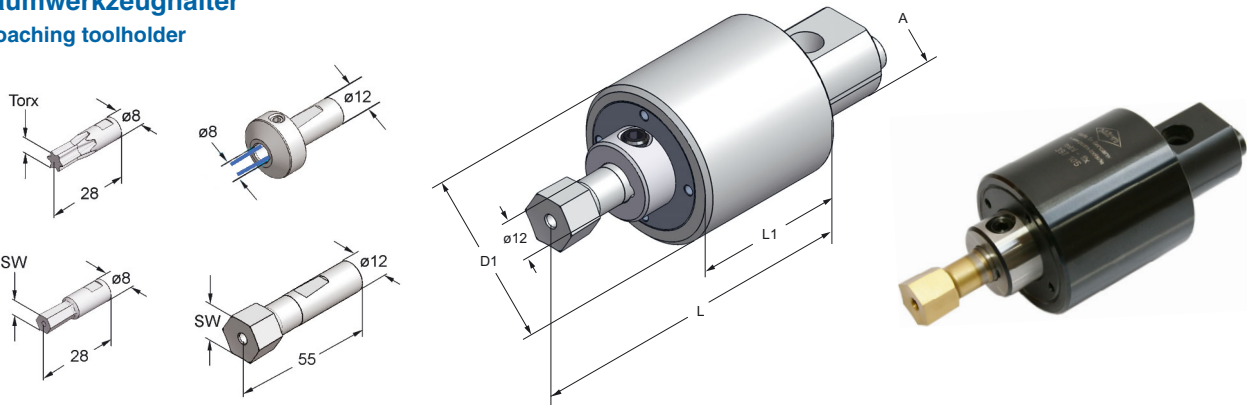
Art.-Nr.	Typ	A	D1	d	Dreh - max.	L	H	€
322105	WE 50.11	28	68			20		395,00
339105	WE 63.11	36	83			24		430,00
106121	WT 1070			8	25		37	175,00
107121	WT 1071			10	30		37	175,00
108121	WT 1072			12	40		37	175,00
109121	WT 1073			16	50		37	175,00
110121	WT 1074			20	65		42	175,00
111121	WT 1075			25	75		46	175,00
112121	WT 1076			18	50		42	175,00

**Zangenfutter Universal**  
**Collet holder**



Art.-Nr.	A	I	d	Spannzange / Collet	€
347 105	28	0 - 35	1 - 16	ER 25 / 430 E	465,00

**Räumwerkzeughalter**  
**Broaching toolholder**

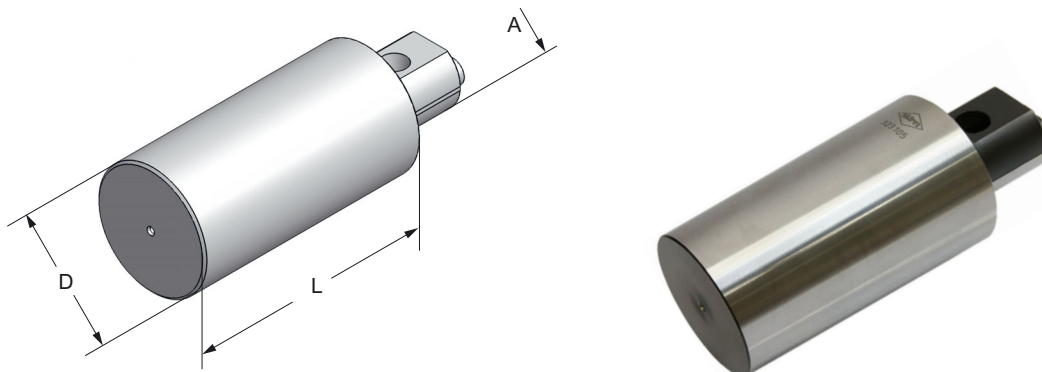


Art.-Nr.	Typ	A	D1	L	L1	€
397105		28	50	92	52	650,00
399105		36	63	92	52	650,00
1208.5000	Reduzierung					65,00

Art.-Nr.	SW	d	€	Art.-Nr.	TORX	€
08.020	2	8	48,00	08.T06	6	88,00
08.025	2,5	8	48,00	08.T07	7	88,00
08.030	3	8	48,00	08.T09	9	88,00
08.040	4	8	48,00	08.T10	10	88,00
08.050	5	8	48,00	08.T15	15	88,00
08.060	6	8	48,00	08.T20	20	88,00
08.070	7	8	48,00	08.T25	25	88,00
08.080	8	8	55,00	08.T27	27	88,00
08.100	10	8	55,00	08.T30	30	88,00
12.060	6	12	55,00	08.T40	40	88,00
12.080	8	12	55,00	08.T45	45	88,00
12.100	10	12	55,00	08.T50	50	120,00
12.120	12	12	70,00			
12.140	14	12	70,00			
12.170	17	12	78,00			
12.190	19	12	78,00			

**Sonderprofile auf Anfrage**  
**Special executions on inquiry**

**Rohling**  
**Blank**



Art.-Nr.	Typ	A	D	L	€
308105	WE 39.12	22	39	75	85,00
323105	WE 50.12	28	50	100	106,00
338105	WE 63.12	36	63	125	125,00

**Spannzangen ER/ESX DIN 6499-B**  
**Collets type ER/ESX DIN 6499-B**

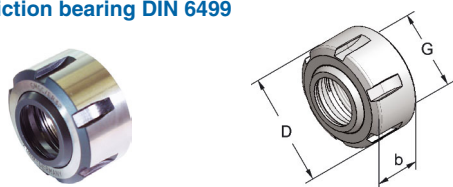
**Original rego-fix**

Sätze mit . z.B. 125001. nicht Original rego-fix  
 Sets with . e.g. 125001. no original rego-fix

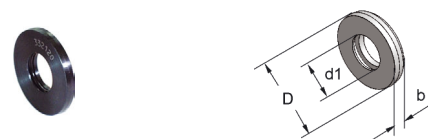


ER 16/426 E			ER 25/430 E			ER 32/470 E			ER 40/472 E		
Art.-Nr.	Typ	€	Art.-Nr.	Typ	€	Art.-Nr.	Typ	€	Art.-Nr.	Typ	€
116001	Satz / Set	155,00	125001	Satz / Set	230,00	132001	Satz / Set	290,00	140001	Satz / Set	475,00
116001.	Satz / Set	110,00	125001.	Satz / Set	168,00	132001.	Satz / Set	205,00	140001.	Satz / Set	310,00
<b>10 Stück/pcs.</b>			<b>15 Stück/pcs.</b>			<b>18 Stück/pcs.</b>			<b>23 Stück/pcs.</b>		
116010	ø1,0 - 0,5	19,25	125010	ø1,0 - 0,5	21,00						
116020	ø2,0 - 1,0	19,25	125020	ø2,0 - 1,0	21,00	132020	ø2,0 - 1,0	27,25			
116030	ø3,0 - 2,0	14,25	125030	ø3,0 - 2,0	14,80	132030	ø3,0 - 2,0	16,25	140030	ø3,0 - 2,0	22,50
116040	ø4,0 - 3,0	14,25	125040	ø4,0 - 3,0	14,80	132040	ø4,0 - 3,0	16,25	140040	ø4,0 - 3,0	22,50
116050	ø5,0 - 4,0	14,25	125050	ø5,0 - 4,0	14,80	132050	ø5,0 - 4,0	16,25	140050	ø5,0 - 4,0	22,50
116060	ø6,0 - 5,0	14,25	125060	ø6,0 - 5,0	14,80	132060	ø6,0 - 5,0	16,25	140060	ø6,0 - 5,0	22,50
116070	ø7,0 - 6,0	14,25	125070	ø7,0 - 6,0	14,80	132070	ø7,0 - 6,0	16,25	140070	ø7,0 - 6,0	22,50
116080	ø8,0 - 7,0	14,25	125080	ø8,0 - 7,0	14,80	132080	ø8,0 - 7,0	16,25	140080	ø8,0 - 7,0	22,50
116090	ø9,0 - 8,0	14,25	125090	ø9,0 - 8,0	14,80	132090	ø9,0 - 8,0	16,25	140090	ø9,0 - 8,0	22,50
116100	ø10,0 - 9,0	14,25	125100	ø10,0 - 9,0	14,80	132100	ø10,0 - 9,0	16,25	140100	ø10,0 - 9,0	22,50
			125110	ø11,0 - 10,0	14,80	132110	ø11,0 - 10,0	16,25	140110	ø11,0 - 10,0	22,50
			125120	ø12,0 - 11,0	14,80	132120	ø12,0 - 11,0	16,25	140120	ø12,0 - 11,0	22,50
			125130	ø13,0 - 12,0	14,80	132130	ø13,0 - 12,0	16,25	140130	ø13,0 - 12,0	22,50
			125140	ø14,0 - 13,0	14,80	132140	ø14,0 - 13,0	16,25	140140	ø14,0 - 13,0	22,50
			125150	ø15,0 - 14,0	14,80	132150	ø15,0 - 14,0	16,25	140150	ø15,0 - 14,0	22,50
			125160	ø16,0 - 15,0	14,80	132160	ø16,0 - 15,0	16,25	140160	ø16,0 - 15,0	22,50
						132170	ø17,0 - 16,0	16,25	140170	ø17,0 - 16,0	22,50
						132180	ø18,0 - 17,0	16,25	140180	ø18,0 - 17,0	22,50
						132190	ø19,0 - 18,0	16,25	140190	ø19,0 - 18,0	22,50
						132200	ø20,0 - 19,0	16,25	140200	ø20,0 - 19,0	22,50
									140210	ø21,0 - 20,0	22,50
									140220	ø22,0 - 21,0	22,50
									140230	ø23,0 - 22,0	22,50
									140240	ø24,0 - 23,0	22,50
									140250	ø25,0 - 24,0	22,50
									140260	ø26,0 - 25,0	22,50
									140270	ø27,0 - 26,0	32,00
									140280	ø28,0 - 27,0	32,00
									140290	ø29,0 - 28,0	32,00
									140300	ø30,0 - 29,0	32,00

**Spannmutter gleitgelagert DIN 6499 für Dichtscheiben**  
**Clamping nut friction bearing DIN 6499 for sealing disc**



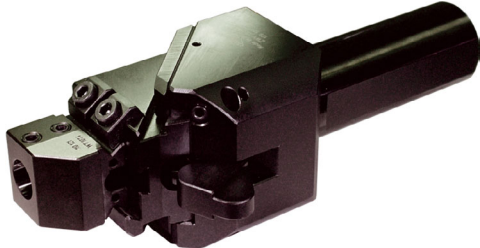
**Dichtscheiben**  
**Sealing disc**



Kühlmitteldruck min. 5 bar - max. 100 bar  
 Coolant pressure min. 5 bar - max. 100 bar

Art.-Nr.	Typ	D	b	G	Nm max.	€	Art.-Nr.	Typ	D	b	d1	€
725124	GMGC / ER25	42	26	M 32x1,50	130	27,00	325...	DS / ER25	21,0	4	325050 - 325160	11,25
732124	GMGC / ER32	50	28	M 40x1,50	170	30,00	332...	DS / ER32	27,0	4	332050 - 332200	11,25
740124	GMGC / ER40	63	31	M 50x1,50	220	32,00	340...	DS / ER40	33,5	4	340050 - 340260	12,50

45°-Einstechschieber mit zyl. Schaft  
45° Pushover recessing box



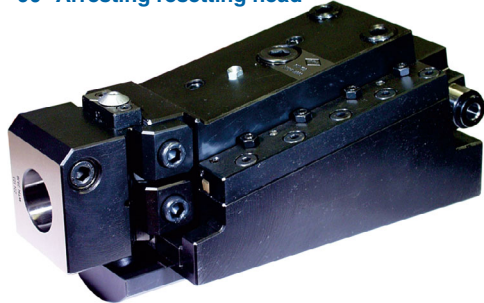
90°-Einstechschieber mit zyl. Schaft  
90° Pushover recessing box



Überdrehwerkzeughalter  
Adjustable overhead turning attachment



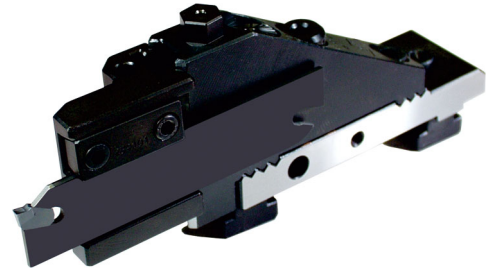
90°-Einstechschieber  
90° Arresting resetting head



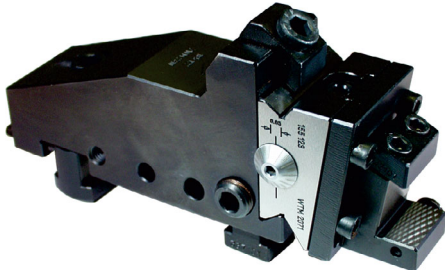
Seitenschlitten-Werkzeughalter AWN  
Vertical dovetail form toolholder



Abstechmeisselhalter  
Parting off toolholder



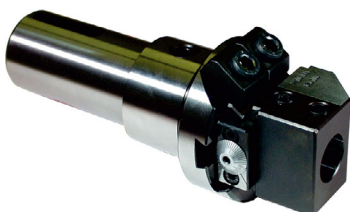
Seitenschlitten-Werkzeughalter INDEX MS25  
Horizontal dovetail form toolholder INDEX MS25



Bohrerhalter System mini-fix  
Drill and cutter holder system mini-fix



Werkzeughalter für Bohrungsbearbeitung  
Boring head toolholder



Schnellbohrspindel System mini-fix  
High speed drilling spindle system mini-fix

