

Quick Change Chucks with Morse Taper Shank and Adaptors

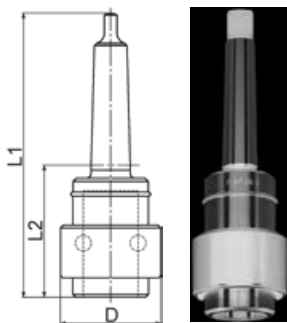
Application: On vertical drilling and boring machines with right and left hand spindle rotation

Acceptance: Morse taper with tang DIN 228-B

Special features: Competitive price • simple and uncomplicated design • high practical value • long lifetime

Remark: With quick change adaptors E for drilling and counter bores, PE for reaming and GE for tapping a machine can quickly and easily be changed over from one bore to the next resp. from drilling to reaming or tapping

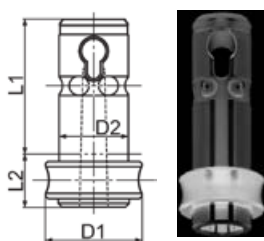
Quick Change Chucks SF



Description	Order-No.	MK	for boring into steel	L1	L2	D	Adaptors
SF26-MK2	3100200	2	24,0 mm Ø	150	75,5	48	E26•PE26•GE26
SF34-MK3	3100300	3	32,0 mm Ø	176	82	61	E34•PE34•GE34
SF46-MK4	3100400	4	50,0 mm Ø	222	104	86	E46•PE46•GE46
SF60-MK5	3100500	5	60,0 mm Ø	282	133	107	E60•PE60•GE60

Application: For acceptance of split sleeves DIN 6329 (see Page 31) for clamping cylindrical twist drills with tangs and counterbores or cutting tools with Morse taper

Special features: Female taper • ejection slot



Tool Adaptors E-MK with Female Taper

Description	Order-No.	MK	L1	L2	D1	D2	Split Sleeves
E26-MK1	3110300	1	60	18	37	26	FM500/1
E26-MK2	3110400	2		30			FM500/2
E34-MK1	3110500	1	65	22	46	34	FM500/1
E34-MK2	3110600	2		26			FM500/2
E34-MK3	3110700	3		43			FM500/3
E46-MK1	3110800	1	82	23	58	46	FM500/1
E46-MK2	3110900	2		27			FM500/2
E46-MK3	3111000	3		27			FM500/3
E46-MK4	3111100	4		53			FM500/4
E60-MK2	3111200	2	105	26	74	60	FM500/2
E60-MK3	3111300	3		29			FM500/3
E60-MK4	3111400	4		29			FM500/4
E60-MK5	3111500	5		68			FM500/5

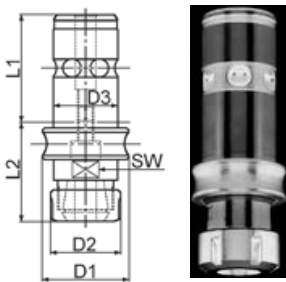
Ordering example:

SF34-MK3 = Order-No. 3100300

Quick Change Chucks with Morse Taper Shank and Adaptors

Application: For clamping cylindrical twist drills and counterbores
Remark: Collets, wrenches and nuts as spare parts see pages 13 to 26

Extend of Delivery: With clamping nut DIN ISO 15488 (with hexagon head form D for E26 – rest form E with six slots) and inner stop • without collets and wrenches

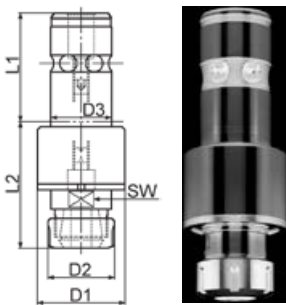


Tool Adaptors E-ER for Collets DIN ISO 15488 (ER/ESX)

Description	Order-No.	L1	L2	D1	D2	D3	SW	Precision Collets
E26-ER20	3112000	60	56	37	34	26	22	GERC/CER16
E34-ER25	3112300	65	63	46	42	34	30	GERC/CER25
E46-ER32	3112600	82	74	58	50	46	36	GERC/CER32
E60-ER40	3112900	105	79	74	63	60	46	GERC/CER40

Application: For clamping reamers
Special features: With radial, parallel floating (P)
Remark: Collets, wrenches and nuts as spare parts see pages 13 to 26

Extend of Delivery: With clamping nut DIN ISO 15488 (with hexagon head form D for PE26 – rest form E with six slots) and inner stop • without collets and wrenches

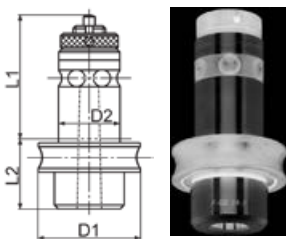


Floating Adaptors PE-ER for Precision Collets DIN ISO 15488 (ER/ESX)

Description	Order-No.	P	L1	L2	D1	D2	D3	SW	Precision Collets
PE26-ER20	3116000	1	60	81	50	34	26	22	GERC/CER16
PE34-ER25	3116300	1	65	84	50	42	34	30	GERC/CER25
PE46-ER32	3116600	1,5	82	101	67	50	46	36	GERC/CER32
PE60-ER40	3116900	2	105	118	88	63	60	46	GERC/CER40

Application: For acceptance of split sleeves DIN 6328 (see Page 31) for clamping taps with square drive

Special features: Female taper • adjustable safety slip clutch • scale of approximate values • ejector pin



Tapping Adaptors GE-MK with Female Taper

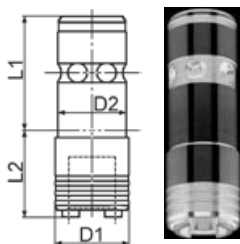
Description	Order-No.	MK	Cutting range	L1	L2	D1	D2	Split Sleeves
GE26-MK1	3120100	1	M1-M10	60	28	43	26	FM501/1
GE26-MK2	3120200	2	M4-M16		39			FM501/2
GE34-MK1	3120300	1	M1-M10	65	23	56	34	FM501/1
GE34-MK2	3120400	2	M4-M16		37			FM501/2
GE34-MK3	3120500	3	M8-M20		53			FM501/3
GE46-MK2	3120600	2	M4-M16	82	28	70	46	FM501/2
GE46-MK3	3120700	3	M8-M20		42			FM501/3
GE46-MK4	3120800	4	M16-M33	105	67	84	60	FM501/4
GE60-MK3	3120900	3	M8-M20		45			FM501/3
GE60-MK4	3121000	4	M16-M33		58			FM501/4
GE60-MK5	3121100	5	M22-M39	105	91	84	60	FM501/5

Ordering example:
 GE46-MK2 = Order-No. 3120600

Quick Change Chucks with Morse Taper Shank and Adaptors

Application: For use with off-the-shelf quick change tap adaptors with and without adjustable safety clutch for clamping taps with square
Special features: Without clutch • without length compensation

Remark: We do not have the quick change tap adaptors in our delivery programme

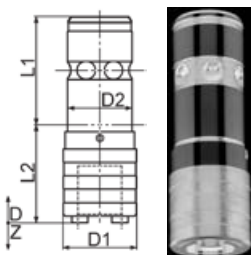


Tapping Adaptors GE-GR for Quick Change Tap Adaptors

Description	Order-No.	Cutting range	L1	L2	D1	D2	Adaptors
GE26-GR1	3122100	M3-M12	60	44	32	26	WE/WESB1
GE26-GR2	3122200	M8-M20		61	50		WE/WESB2
GE34-GR1	3122600	M3-M12	65	44	32	34	WE/WESB1
GE34-GR2	3122700	M8-M20		61	50		WE/WESB2
GE46-GR1	3123100	M3-M12	82	44	32	46	WE/WESB1
GE46-GR2	3123200	M8-M20		61	50		WE/WESB2
GE46-GR3	3123300	M14-M33		90	72		WE/WESB3
GE60-GR2	3123700	M8-M20	105	61	50	60	WE/WESB2
GE60-GR3	3123800	M14-M33		90	72		WE/WESB3
GE60-GR4	3123900	M22-M48		110	95		WE/WESB4

Application: For use with off-the-shelf quick change tap adaptors with and without adjustable safety clutch for clamping taps with square
Special features: Without clutch • with length compensation on compression and tension (C/T)

Remark: We do not have the quick change tap adaptors in our delivery programme



Tapping Adaptors GE-GRL with Length Compensation for Quick Change Tap Adaptors

Description	Order-No.	Cutting range	D/Z	L1	L2	D1	D2	Adaptors
GE26-GRL1	3124100	M3-M12	7,5	60	45	36	26	WE/WESB1
GE26-GRL2	3124200	M8-M20	12,5		69	53		WE/WESB2
GE34-GRL1	3124600	M3-M12	7,5	65	45	36	34	WE/WESB1
GE34-GRL2	3124700	M8-M20	12,5		69	53		WE/WESB2
GE46-GRL1	3125100	M3-M12	7,5	82	45	36	46	WE/WESB1
GE46-GRL2	3125200	M8-M20	12,5		69	53		WE/WESB2
GE46-GRL3	3125300	M14-M33	20		102	78		WE/WESB3
GE60-GRL2	3125700	M8-M20	12,5	105	69	53	60	WE/WESB2
GE60-GRL3	3125800	M14-M33	20		102	78		WE/WESB3
GE60-GRL4	3125900	M22-M48	22,5		113	96		WE/WESB4

Ordering example:
 GE60-GRL3 = Order-No. 3125800