



Schnellwechsel-Gewindebohrerhalter mit axialem Ausgleich

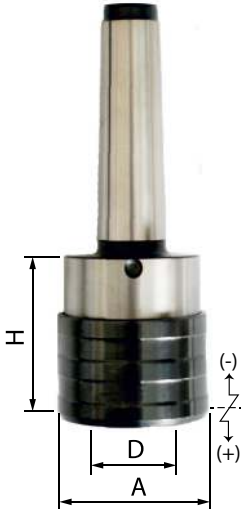
Maschiatori a cambio rapido con compensazione assiale

Quick change tap holders with axial compensation





SCHNELLWECHSEL-GEWINDEBOHRERHALTER MIT AXIALEM AUSGLEICH
MASCHIATORE A CAMBIO RAPIDO CON COMPENSAZIONE ASSIALE
QUICK CHANGE TAP HOLDERS WITH AXIAL COMPENSATION

Zubehörteile - Accessori - Accessories					MORSE DIN 228-B			MORSE DIN 228-A			
Adapter Adattatore Adapter		FZS			Adapter Adattatore Adapter		FZA				
											
Seite - Pagina - Page		18-6			Seite - Pagina - Page		18-7				
Spannzanger Pinze Collet		ER									
											
Seite - Pagina - Page		15-4									
											
Shaft Gambo Shank	Adapter Adattatore Adapter	D	A	H	Kapazität Capacità Capacity			INDEX	STOCK	INDEX	STOCK
MK2	FZ19	19	38	46	M2-M12	9	9	RKR-OGK-MK2/FZ19	☼		
MK3	FZ19	19	38	46	M2-M12	9	9	RKR-OGK-MK3/FZ19	☼		
MK3	FZ31	31	55	69	M6-M20	15	15	RKR-OGK-MK3/FZ31	☼		
MK4	FZ48	48	79	108	M14-M33	24	24	RKR-OGK-MK4/FZ48	☼		
MK5	FZ60	60	98	116	M22-M48	26	26	RKR-OGK-MK5/FZ60	☼		
MK2	FZ19	19	38	46	M2-M12	9	9			RKR-OGK-MK2/FZ19-A	○
MK3	FZ19	19	38	46	M2-M12	9	9			RKR-OGK-MK3/FZ19-A	○
MK3	FZ31	31	55	69	M6-M20	15	15			RKR-OGK-MK3/FZ31-A	○
MK4	FZ48	48	79	108	M14-M33	24	24			RKR-OGK-MK4/FZ48-A	○
MK5	FZ60	60	98	116	M22-M48	26	26			RKR-OGK-MK5/FZ60-A	○

☼ = Ab Lager lieferbar - Disponibile a magazzino - Available from stock

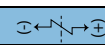
○ = auf Anfrage - A richiesta - On request



SCHNELLWECHSEL-GEWINDEBOHRERHALTER MIT AXIALEM AUSGLEICH
MASCHIATORE A CAMBIO RAPIDO CON COMPENSAZIONE ASSIALE
QUICK CHANGE TAP HOLDERS WITH AXIAL COMPENSATION

Zubehörteile - Accessori - Accessories					DIN 2080			R DIN 6327		
Adapter Adattatore Adapter		FZS			Adapter Adattatore Adapter		FZA			
										
Seite - Pagina - Page		18-6			Seite - Pagina - Page		18-7			
Spannzanger Pinze Collet		ER								
										
Seite - Pagina - Page		15-4								

	
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Shaft Gambo Shank	Adapter Adattatore Adapter	D	A	H	Kapazität Capacità Capacity			INDEX	STOCK	INDEX	STOCK
DIN30	FZ19	19	38	51	M2-M12	9	9	RKR-OGK-DIN30/FZ19	○		
DIN30	FZ31	31	55	86	M6-M20	15	15	RKR-OGK-DIN30/FZ31	○		
DIN40	FZ19	19	38	53	M2-M12	9	9	RKR-OGK-DIN40/FZ19	○		
DIN40	FZ31	31	55	77	M6-M20	15	15	RKR-OGK-DIN40/FZ31	○		
DIN40	FZ48	48	79	118	M14-M33	24	24	RKR-OGK-DIN40/FZ48	○		
DIN50	FZ19	19	38	57	M2-M12	9	9	RKR-OGK-DIN50/FZ19	○		
DIN50	FZ31	31	55	79	M6-M20	15	15	RKR-OGK-DIN50/FZ31	○		
DIN50	FZ48	48	79	125	M14-M33	24	24	RKR-OGK-DIN50/FZ48	○		
DIN50	FZ60	60	98	143	M22-M48	26	26	RKR-OGK-DIN50/FZ60	○		
TR20	FZ19	19	38	53	M2-M12	9	9			RKR-OGK-TR20/FZ19	○
TR28	FZ19	19	38	53	M2-M12	15	15			RKR-OGK-TR28/FZ19	○
TR28	FZ31	31	55	76	M6-M20	9	9			RKR-OGK-TR28/FZ31	○
TR36	FZ19	19	38	55	M2-M12	15	15			RKR-OGK-TR36/FZ19	○
TR36	FZ31	31	55	78	M6-M20	24	24			RKR-OGK-TR36/FZ31	○
TR36	FZ48	48	79	111	M14-M33	26	26			RKR-OGK-TR36/FZ48	○
TR36	FZ60	60	98	123	M22-M48	24	24			RKR-OGK-TR36/FZ60	○
TR48	FZ48	48	79	115	M14-M33	26	26			RKR-OGK-TR48/FZ48	○
TR48	FZ60	60	98	127	M22-M48					RKR-OGK-TR48/FZ60	○

⊗ = Ab Lager lieferbar - Disponibile a magazzino - Available from stock

○ = auf Anfrage - A richiesta - On request



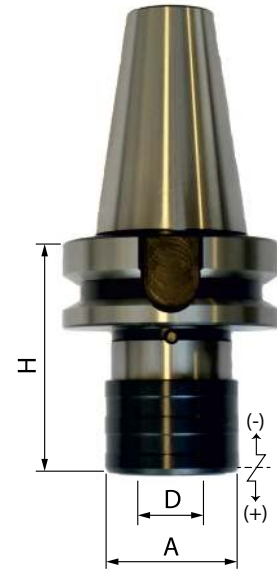
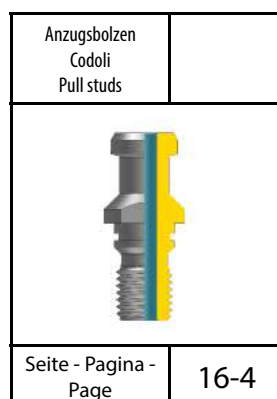
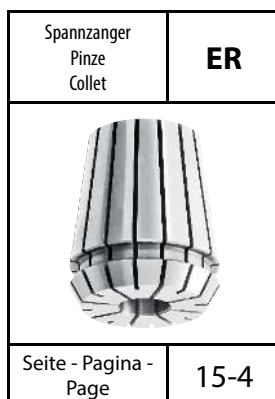


SCHNELLWECHSEL-GEWINDEBOHRERHALTER MIT AXIALEM AUSGLEICH
MASCHIATORE A CAMBIO RAPIDO CON COMPENSAZIONE ASSIALE
QUICK CHANGE TAP HOLDERS WITH AXIAL COMPENSATION

Zubehörteile - Accessori - Accessories

DIN 69871-A

MAS 403 - BT



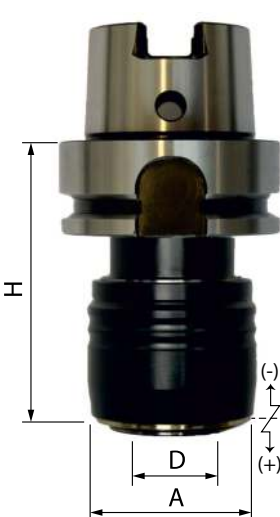
Shaft Gambo Shank	Adapter Adattatore Adapter	D	A	H	Kapazität Capacità Capacity	↕ ↗ ↘ ↙ ↕		INDEX	STOCK	INDEX	STOCK
						(-)	(+)				
ISO30	FZ19	19	38	60	M2-M12	9	9	RKR-OGK-ISO30/FZ19	○		
ISO30	FZ31	31	55	101	M6-M20	15	15	RKR-OGK-ISO30/FZ31	○		
ISO40	FZ19	19	38	60	M2-M12	9	9	RKR-OGK-ISO40/FZ19	⊛		
ISO40	FZ31	31	55	100	M6-M20	15	15	RKR-OGK-ISO40/FZ31	⊛		
ISO40	FZ48	48	79	138	M14-M33	24	24	RKR-OGK-ISO40/FZ48	○		
ISO40	FZ60	60	98	154	M22-M48	26	26	RKR-OGK-ISO40/FZ60	○		
ISO50	FZ19	19	38	62	M2-M12	9	9	RKR-OGK-ISO50/FZ19	○		
ISO50	FZ31	31	55	83	M6-M20	15	15	RKR-OGK-ISO50/FZ31	⊛		
ISO50	FZ48	48	79	133	M14-M33	24	24	RKR-OGK-ISO50/FZ48	⊛		
ISO50	FZ60	60	98	147	M22-M48	26	26	RKR-OGK-ISO50/FZ60	⊛		
BT30	FZ19	19	38	63	M2-M12	9	9			RKR-OGK-BT30/FZ19	○
BT30	FZ31	31	55	96	M6-M20	15	15			RKR-OGK-BT30/FZ31	○
BT40	FZ19	19	38	68	M2-M12	9	9			RKR-OGK-BT40/FZ19	⊛
BT40	FZ31	31	55	93	M6-M20	15	15			RKR-OGK-BT40/FZ31	⊛
BT40	FZ48	48	79	138	M14-M33	24	24			RKR-OGK-BT40/FZ48	○
BT40	FZ60	60	98	157	M22-M48	26	26			RKR-OGK-BT40/FZ60	○
BT50	FZ19	19	38	80	M2-M12	9	9			RKR-OGK-BT50/FZ19	○
BT50	FZ31	31	55	102	M6-M20	15	15			RKR-OGK-BT50/FZ31	⊛
BT50	FZ48	48	79	133	M14-M33	24	24			RKR-OGK-BT50/FZ48	○
BT50	FZ60	60	98	147	M22-M48	26	26			RKR-OGK-BT50/FZ60	○

⊛ = Ab Lager lieferbar - Disponibile a magazzino - Available from stock

○ = auf Anfrage - A richiesta - On request



SCHNELLWECHSEL-GEWINDEBOHRERHALTER MIT AXIALEM AUSGLEICH
MASCHIATORE A CAMBIO RAPIDO CON COMPENSAZIONE ASSIALE
QUICK CHANGE TAP HOLDERS WITH AXIAL COMPENSATION

Zubehörteile - Accessori - Accessories				HSK DIN 69893-A	VDI DIN 69880
Adapter Adattatore Adapter	FZS	Adapter Adattatore Adapter	FZA		
Seite - Pagina - Page	18-6	Seite - Pagina - Page	18-7		
Spannzanger Pinze Collet	ER				
					
Seite - Pagina - Page	15-4				

Shaft Gambo Shank	Adapter Adattatore Adapter	D	A	H	Kapazität Capacità Capacity			INDEX	STOCK	INDEX	STOCK
						(-)	(+)				
HSK50	FZ19	19	41	72	M2-M12	7,5	7,5	RKR-OGK-HSK50/FZ19	○		
HSK50	FZ31	31	60	110	M6-M20	10	10	RKR-OGK-HSK50/FZ31	○		
HSK63	FZ19	19	41	72	M2-M12	7,5	7,5	RKR-OGK-HSK63/FZ19	★		
HSK63	FZ31	31	60	110	M6-M20	10	10	RKR-OGK-HSK63/FZ31	★		
HSK63	FZ48	48	86	141	M14-M33	17,5	17,5	RKR-OGK-HSK63/FZ48	○		
HSK80	FZ19	19	41	75	M2-M12	7,5	7,5	RKR-OGK-HSK80/FZ19	○		
HSK80	FZ31	31	60	95	M6-M20	10	10	RKR-OGK-HSK80/FZ31	○		
HSK80	FZ48	48	86	141	M14-M33	17,5	17,5	RKR-OGK-HSK80/FZ48	○		
HSK100	FZ19	19	41	80	M2-M12	7,5	7,5	RKR-OGK-HSK100/FZ19	○		
HSK100	FZ31	31	60	100	M6-M20	10	10	RKR-OGK-HSK100/FZ31	○		
HSK100	FZ48	48	86	141	M14-M33	17,5	17,5	RKR-OGK-HSK100/FZ48	○		
VDI20	FZ19	19	38	55	M2-M12	9	9			RKR-OGK-VDI20/FZ19	○
VDI20	FZ31	31	55	77	M6-M20	15	15			RKR-OGK-VDI20/FZ31	○
VDI25	FZ19	19	38	55	M2-M12	9	9			RKR-OGK-VDI25/FZ19	★
VDI25	FZ31	31	55	77	M6-M20	15	15			RKR-OGK-VDI25/FZ31	★
VDI30	FZ19	19	38	55	M2-M12	9	9			RKR-OGK-VDI30/FZ19	★
VDI30	FZ31	31	55	77	M6-M20	15	15			RKR-OGK-VDI30/FZ31	★
VDI40	FZ19	19	38	55	M2-M12	9	9			RKR-OGK-VDI40/FZ19	○
VDI40	FZ31	31	55	77	M6-M20	15	15			RKR-OGK-VDI40/FZ31	★
VDI40	FZ48	48	79	110	M14-M33	24	24			RKR-OGK-VDI40/FZ48	○
VDI50	FZ48	48	79	110	M14-M33	24	24			RKR-OGK-VDI50/FZ48	○

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SCHNELLWECHSELBUCHSEN MIT KUPPLUNG
BUSSOLE A CAMBIO RAPIDO CON FRIZIONE
QUICK-CHANGE BUSHINGS WITH CLUTCH



Größen - Misure - Sizes

d / A / H / h

FZS13

FZS19

FZS31

FZS48

FZS60

13 / 23 / 21 / 6

19 / 32 / 25 / 8

31 / 50 / 31 / 4

48 / 72 / 45 / 1

60 / 95 / 68 / 3

M	DIN	D	□	INDEX	RKR-FZS13	RKR-FZS19	RKR-FZS31	RKR-FZS48	RKR-FZS60
M 2	371	2,8	2,1	RKM2 D2,8 DIN	○	★			
M 3	371	3,5	2,7	RKM3 D3,5 DIN	○	★			
M 4	371	4,5	3,4	RKM4 D4,5 DIN	○	★			
M 5	371	6	4,9	RKM5 D6 DIN	○	★			
M 6	371	6	4,9	RKM6 D6 DIN	○	★	★		
M 8	371	8	6,2	RKM8 D8 DIN		★	★		
M 8	376	6	4,9	RKM8 D6 DIN		○	○		
M 10	371	10	8	RKM10 D10 DIN		★	★	○	
M 10	376	7	5,5	RKM10 D7 DIN		○	○		
M 12	376	9	7	RKM12 D9 DIN		★	★	○	
M 14	376	11	9	RKM14 D11 DIN			★	★	
M 16	376	12	9	RKM16 D12 DIN			★	○	
M 18	376	14	11	RKM18 D14 DIN			★	★	
M 20	376	16	12	RKM20 D16 DIN			★	○	○
M 22	376	18	14,5	RKM22 D18 DIN			★	★	○
M 24	376	18	14,5	RKM24 D18 DIN			○	★	○
M 27	376	20	16	RKM27 D20 DIN			○	★	○
M 30	376	22	18	RKM30 D22 DIN				○	
M 33	376	25	20	RKM33 D25 DIN				○	○
M 36	376	28	22	RKM36 D28 DIN					★
M 39	376	32	24	RKM39 D32 DIN					○
M 42	376	32	24	RKM42 D32 DIN					★
M 45	376	36	29	RKM45 D36 DIN					○
M 48	376	36	29	RKM48 D36 DIN					○

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SCHNELLWECHSELADAPTER OHNE SICHERHEITSKUPPLUNG
BUSOLE A CAMBIO RAPIDO SENZA FRIZIONE
QUICK-CHANGE ADAPTERS WITHOUT SAFETY CLUTCH



Größen - Misure - Sizes

d / A / H / h

					FZ13	FZ19	FZ31	FZ48	FZ60
					13 / 23 / 7 / 8	19 / 30 / 7 / 10	31 / 46 / 11 / 19	48 / 68 / 14 / 25	60 / 83 / 42 / 29
M	DIN	D	□	INDEX	RKR-FZ13	RKR-FZ19	RKR-FZ31	RKR-FZ48	RKR-FZ60
M 2	371	2,8	2,1	RKM2 D2,8 DIN	○	○			
M 3	371	3,5	2,7	RKM3 D3,5 DIN	○	★			
M 4	371	4,5	3,4	RKM4 D4,5 DIN	○	★			
M 5, M6	371	6	4,9	RKM5, RKM6 D6 DIN	○	★	★		
M 8	371	8	6,2	RKM8 D8 DIN		★	★		
M 10	371	10	8	RKM10 D10 DIN		★	★		
M 12	376	9	7	RKM12 D9 DIN		★	★		
M 14	376	11	9	RKM14 D11 DIN		○	○	○	
M 16	376	12	9	RKM16 D12 DIN			★	○	
M 18	376	14	11	RKM18 D14 DIN			○	○	
M 20	376	16	12	RKM20 D16 DIN			★	○	
M 22, M24	376	18	14,5	RKM24 D18 DIN			○	○	○
M 27	376	20	16	RKM27 D20 DIN				○	○
M 30	376	22	18	RKM30 D22 DIN				○	○
M 33	376	25	20	RKM33 D25 DIN				○	○
M 36	376	28	22	RKM36 D28 DIN					○
M 39, M42	376	32	24	RKM42 D32 DIN					○
M 45, M48	376	36	29	RKM48 D36 DIN					○

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SCHNELLWECHSELADAPTER MIT SICHERHEITSKUPPLUNG
BUSSOLE A CAMBIO RAPIDO CON FRIZIONE
QUICK-CHANGE ADAPTERS WITH SAFETY CLUTCH

Spannzanger Pinze Collet	ER
	
Seite - Pagina - Page	15-4



Größe Dimensione Size	Spannzangen Pinze Collets	H	h	A	d	D	M	INDEX	
FZA19	ER16	29,5	8,5	28	19	2-10	M3-M12	RKR-FZA19/ER16	☼
FZA31	ER25	38,5	15	42	31	2-16	M6-M20	RKR-FZA31/ER25	☼



REDUKTIONSKOMPASSE
BUSOLE DI RIDUZIONE
REDUCTIONS BUSHES



Reduzierung Riduzione Reduction	H	A	d	D	INDEX	
19/13	6	30	19	13	RKR-FR19/13	○
31/19	8,5	46	31	19	RKR-FR31/19	☼
48/31	7	68	48	31	RKR-FR48/31	☼
60/48	13	92	60	48	RKR-FR60/48	○

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