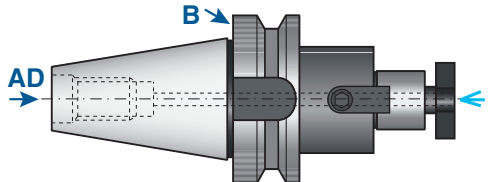
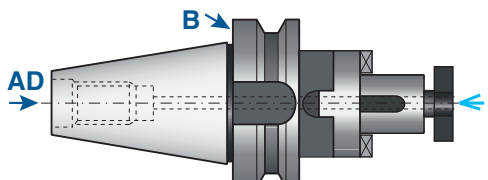
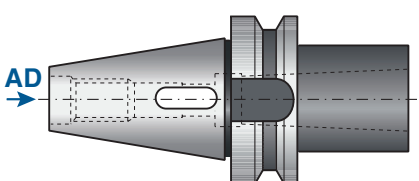
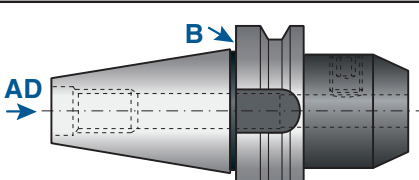
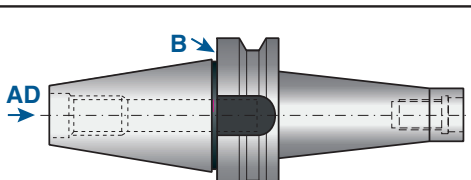
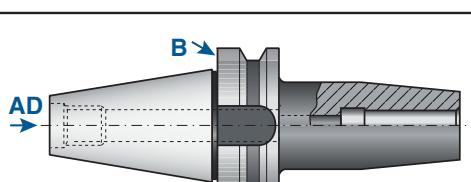
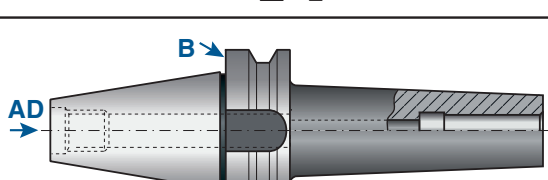
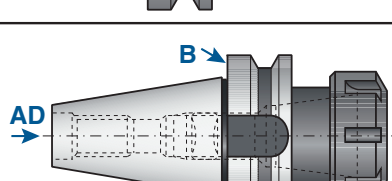




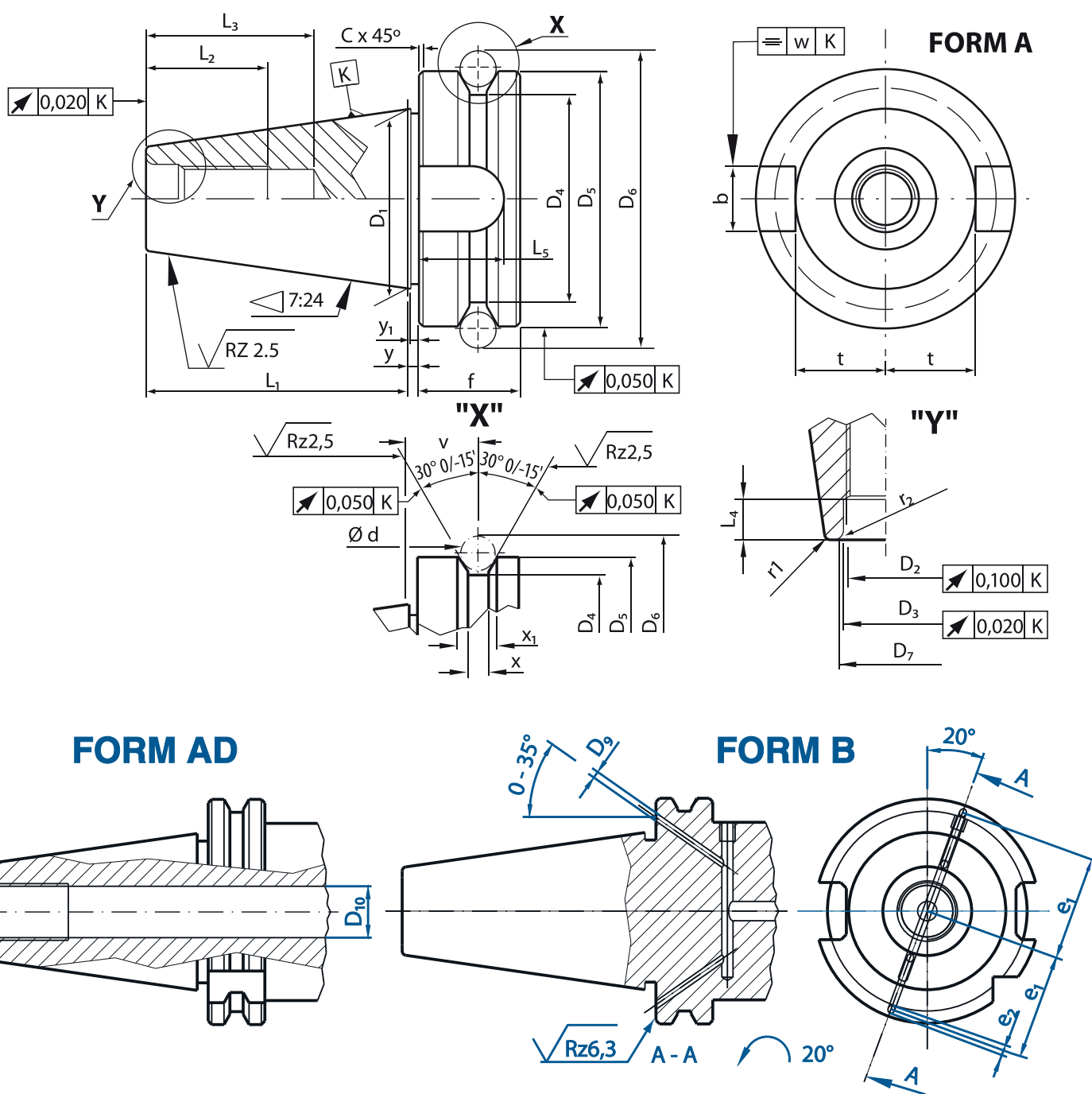
RK-

QUERNUT-AUFSTECKFRÄSDORN MANDRINI PORTAFRESE FISSI SHELL MILL ADAPTORS		11-5
KOMBI-AUFSTECKFRÄSDORN MANDRINI PORTAFRESE COMBINATI COMBINATION SHELL MILL ADAPTORS		11-6
ZWISCHENHÜLSE FÜR MK FRÄSER / BOHRER MANDRINI DI RIDUZIONE CM PUNTE / FRESE REDUCING ADAPTORS MT DRILL / MILL		11-7
ZWISCHENHÜLSEN FÜR WELDON FRÄSER MANDRINI PER FRESE WELDON WELDON END MILLS HOLDERS		11-8
WERKZEUGHALTER FÜR SCHRAUBFRÄSER MANDRINI PER FRESE FILETTATE TOOLHOLDERS FOR SCREWED MILLING CUTTERS		11-9
SCHRUMPFHALTER STANDARD MANDRINI CALETTAMENTO STANDARD SHRINK FIT HOLDERS STANDARD		11-10
SCHRUMPFHALTER SCHLANKE TYP MANDRINI CALETTAMENTO TIPO SLIM SHRINK FIT HOLDERS SLIM TYPE		11-11
FRÄSPANNFUTTER FÜR ER SPANNZANGEN MANDRINI PORTAPINZE PER PINZE ER COLLET CHUCKS FOR ER COLLETS		11-12


RK-

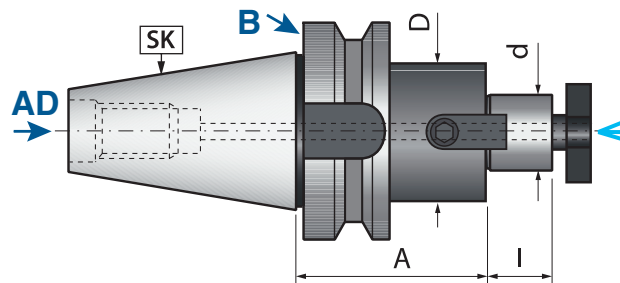
FRÄSERSPANNFUTTER FÜR EOC SPANNZANGEN MANDRINI PORTAPINZA PER PINZE EOC COLLET CHUCKS FOR EOC COLLETS		11-13
FRÄSERSPANNFUTTER FÜR SKS SPANNZANGEN MANDRINI PORTAPINZA PER PINZE SKS COLLET CHUCKS FOR SKS COLLETS		11-13
HOCHLEISTUNGSTUTTER MANDRINI A FORTE SERRAGGIO HIGH POWER CHUCKS		11-14
HYDRODEHNSPANNFUTTER MANDRINI IDRAULICI HYDRAULIC EXPANSION CHUCKS		11-14
SELBSTBLOCKKIERENDE BOHRFUTTER MANDRINI PORTAPUNTE AUTOSERRANTI SELF CLAMPING PRECISION DRILL CHUCK		11-14
PRÄZISIONS SPANNFUTTER MIT SCHLÜSSEL MANDRINI PORTAPUNTE CON CHIAVE PRECISION DRILL CHUCKS WITH KEY		11-14
ROHLINGE STELO TENERO LAVORABILE BLANK ADAPTORS		11-15
KONTROL DORNE SPINE DI CONTROLLO CONTROL BAR		11-15

**MAS 403
- BT**



K	D ₁	L ₁ ±0,2	r ₁ max	D ₂	D ₃ H8	D ₇	L ₂ min	L ₃ min	L ₄ +0,5/0	y ±0,4	y ₁ 0/-0,4	D	D ₅ h8
30	31,75	48,4	0,5	M 12	12,5	14	24	34	7	2	2	38	46
40	44,45	65,4	1	M 16	17	19	30	43	9	2	2	53	63
45	57,15	82,8	1	M 20	21	23	38	53	11	3	3	73	85
50	69,85	101,8	1	M 24	25	27	45	62	13	3	3	85	100

K	D ₆	f	x	x ₁ +0,1/0	C max	b H12	L ₅ min	t 0/-0,2	w	d	D ₉	e ₁ ±0,1	e ₂ max
30	56,144	20	4	8	0,5	16,1	17	16,3	0,12	8	4	21	5
40	75,679	25	5	10	0,5	16,1	21	22,6	0,12	10	4	27	5
45	100,216	30	6	12	1	19,3	26	29,1	0,12	12	5	35	6
50	119,020	35	7	15	1	25,7	31	35,4	0,20	15	6	42	7

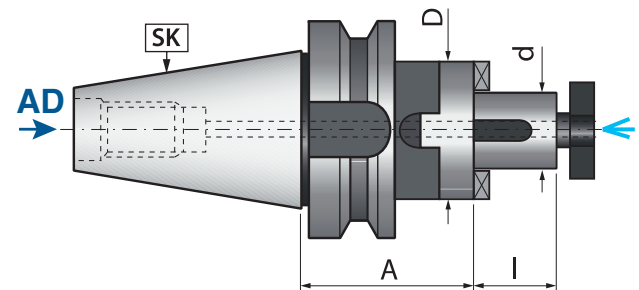
QUERNUT-AUFSTECHEFRÄSDORN
MANDRINI PORTAFRESE FISSI
SHELL MILL HOLDERS


BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	d	l	A
RK.BTB.40.35.D16S	40	38	16	17	35
RK.BTB.40.45.D16S	40	38	16	17	45
RK.BTB.40.100.D16S	40	38	16	17	100
RK.BTB.40.130.D16S	40	38	16	17	130
RK.BTB.40.160.D16S	40	38	16	17	160
RK.BTB.40.200.D16S	40	38	16	17	200
RK.BTB.40.35.D22S	40	48	22	19	35
RK.BTB.40.45.D22S	40	48	22	19	45
RK.BTB.40.100.D22S	40	48	22	19	100
RK.BTB.40.130.D22S	40	48	22	19	130
RK.BTB.40.160.D22S	40	48	22	19	160
RK.BTB.40.200.D22S	40	48	22	19	200
RK.BTB.40.35.D27S	40	58	27	21	35
RK.BTB.40.45.D27S	40	58	27	21	45
RK.BTB.40.100.D27S	40	58	27	21	100
RK.BTB.40.130.D27S	40	58	27	21	130
RK.BTB.40.160.D27S	40	58	27	21	160
RK.BTB.40.200.D27S	40	58	27	21	200
RK.BTB.40.50.D32S	40	78	32	24	50
RK.BTB.40.56.D32S	40	63	32	24	56
RK.BTB.40.100.D32S	40	63	32	24	100
RK.BTB.40.130.D32S	40	63	32	24	130
RK.BTB.40.160.D32S	40	63	32	24	160
RK.BTB.40.200.D32S	40	63	32	24	200
RK.BTB.40.50.D40S	40	88	40	27	50
RK.BTB.40.60.D40S	40	80	40	27	60
RK.BTB.40.100.D40S	40	80	40	27	100
RK.BTB.40.130.D40S	40	80	40	27	130
RK.BTB.40.160.D40S	40	80	40	27	160
RK.BTB.40.200.D40S	40	80	40	27	200

BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	d	l	A
RK.BTB.50.50.D16S	50	38	16	17	50
RK.BTB.50.75.D16S	50	38	16	17	75
RK.BTB.50.100.D16S	50	38	16	17	100
RK.BTB.50.130.D16S	50	38	16	17	130
RK.BTB.50.160.D16S	50	38	16	17	160
RK.BTB.50.200.D16S	50	38	16	17	200
RK.BTB.50.250.D16S	50	38	16	17	250
RK.BTB.50.300.D16S	50	38	16	17	300
RK.BTB.50.350.D16S	50	38	16	17	350
RK.BTB.50.55.D22S	50	48	22	19	55
RK.BTB.50.75.D22S	50	48	22	19	75
RK.BTB.50.100.D22S	50	48	22	19	100
RK.BTB.50.130.D22S	50	48	22	19	130
RK.BTB.50.160.D22S	50	48	22	19	160
RK.BTB.50.200.D22S	50	48	22	19	200
RK.BTB.50.250.D22S	50	48	22	19	250
RK.BTB.50.300.D22S	50	48	22	19	300
RK.BTB.50.350.D22S	50	48	22	19	350
RK.BTB.50.55.D27S	50	58	27	21	55
RK.BTB.50.75.D27S	50	58	27	21	75
RK.BTB.50.100.D27S	50	58	27	21	100
RK.BTB.50.130.D27S	50	58	27	21	130
RK.BTB.50.160.D27S	50	58	27	21	160
RK.BTB.50.200.D27S	50	58	27	21	200
RK.BTB.50.250.D27S	50	58	27	21	250
RK.BTB.50.300.D27S	50	58	27	21	300
RK.BTB.50.350.D27S	50	58	27	21	350
RK.BTB.50.55.D32S	50	78	32	24	55
RK.BTB.50.75.D32S	50	78	32	24	75
RK.BTB.50.100.D32S	50	78	32	24	100
RK.BTB.50.130.D32S	50	78	32	24	130
RK.BTB.50.160.D32S	50	78	32	24	160
RK.BTB.50.200.D32S	50	78	32	24	200
RK.BTB.50.250.D32S	50	78	32	24	250
RK.BTB.50.300.D32S	50	78	32	24	300
RK.BTB.50.350.D32S	50	78	32	24	350
RK.BTB.50.55.D40S	50	88	40	27	55
RK.BTB.50.75.D40S	50	88	40	27	75
RK.BTB.50.100.D40S	50	88	40	27	100
RK.BTB.50.130.D40S	50	88	40	27	130
RK.BTB.50.160.D40S	50	88	40	27	160
RK.BTB.50.200.D40S	50	88	40	27	200

**MAS 403 - BT - SK 40/50****AT2****G6,3 / 15000****AD****KOMBI-AUFSTECKFRÄSDORNE****MANDRINI PORTAFRESE COMBINATI****COMBI SHELL MILL HOLDER**

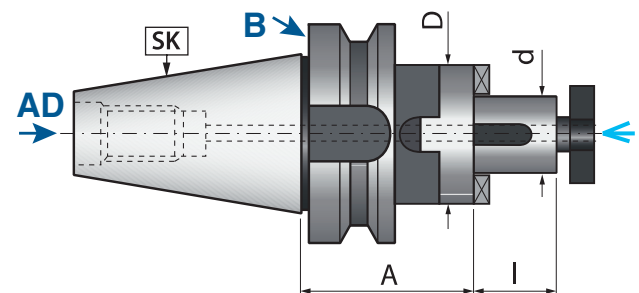
BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	d	l	A
RK.BT.40.100.D13C	40	28	13	12	100
RK.BT.40.55.D16C	40	32	16	17	55
RK.BT.40.100.D16C	40	32	16	17	100
RK.BT.40.55.D22C	40	40	22	19	55
RK.BT.40.100.D22C	40	40	22	19	100
RK.BT.40.55.D27C	40	48	27	21	55
RK.BT.40.100.D27C	40	48	27	21	100
RK.BT.40.60.D32C	40	58	32	24	60
RK.BT.40.100.D32C	40	58	32	24	100
RK.BT.40.60.D40C	40	70	40	27	60
RK.BT.40.100.D40C	40	70	40	27	100



BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	d	l	A
RK.BT.50.70.D16C	50	32	16	17	70
RK.BT.50.70.D22C	50	40	22	19	70
RK.BT.50.70.D27C	50	48	27	21	70
RK.BT.50.70.D32C	50	58	32	24	70
RK.BT.50.70.D40C	50	70	40	27	70

**MAS 403 - BT - SK 40/50****AT2****G6,3 / 15000****AD+B****KOMBI-AUFSTECKFRÄSDORNE****MANDRINI PORTAFRESE COMBINATI****COMBI SHELL MILL HOLDER**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	d	l	A
RK.BTB.40.55.D16C	40	32	16	17	55
RK.BTB.40.100.D16C	40	32	16	17	100
RK.BTB.40.130.D16C	40	32	16	17	130
RK.BTB.40.160.D16C	40	32	16	17	160
RK.BTB.40.200.D16C	40	32	16	17	200
RK.BTB.40.55.D22C	40	40	22	19	55
RK.BTB.40.100.D22C	40	40	22	19	100
RK.BTB.40.130.D22C	40	40	22	19	130
RK.BTB.40.160.D22C	40	40	22	19	160
RK.BTB.40.200.D22C	40	40	22	19	200
RK.BTB.40.55.D27C	40	48	27	21	55
RK.BTB.40.100.D27C	40	48	27	21	100
RK.BTB.40.130.D27C	40	48	27	21	130
RK.BTB.40.160.D27C	40	48	27	21	160
RK.BTB.40.200.D27C	40	48	27	21	200
RK.BTB.40.60.D32C	40	58	32	24	60
RK.BTB.40.100.D32C	40	58	32	24	100
RK.BTB.40.130.D32C	40	58	32	24	130
RK.BTB.40.160.D32C	40	58	32	24	160
RK.BTB.40.200.D32C	40	58	32	24	200
RK.BTB.40.60.D40C	40	70	40	27	60
RK.BTB.40.100.D40C	40	70	40	27	100
RK.BTB.40.130.D40C	40	70	40	27	130
RK.BTB.40.160.D40C	40	70	40	27	160
RK.BTB.40.200.D40C	40	70	40	27	200



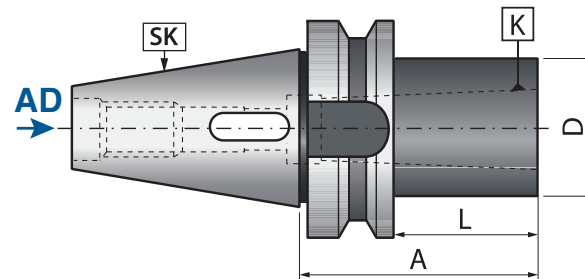
BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	d	l	A
RK.BTB.50.70.D16C	50	32	16	17	70
RK.BTB.50.100.D16C	50	32	16	17	100
RK.BTB.50.130.D16C	50	32	16	17	130
RK.BTB.50.160.D16C	50	32	16	17	160
RK.BTB.50.200.D16C	50	32	16	17	200
RK.BTB.50.70.D22C	50	40	22	19	70
RK.BTB.50.100.D22C	50	40	22	19	100
RK.BTB.50.130.D22C	50	40	22	19	130
RK.BTB.50.160.D22C	50	40	22	19	160
RK.BTB.50.200.D22C	50	40	22	19	200
RK.BTB.50.70.D27C	50	48	27	21	70
RK.BTB.50.100.D27C	50	48	27	21	100
RK.BTB.50.130.D27C	50	48	27	21	130
RK.BTB.50.160.D27C	50	48	27	21	160
RK.BTB.50.200.D27C	50	48	27	21	200
RK.BTB.50.70.D32C	50	58	32	24	70
RK.BTB.50.100.D32C	50	58	32	24	100
RK.BTB.50.130.D32C	50	58	32	24	130
RK.BTB.50.160.D32C	50	58	32	24	160
RK.BTB.50.200.D32C	50	58	32	24	200
RK.BTB.50.70.D40C	50	70	40	27	70
RK.BTB.50.100.D40C	50	70	40	27	100
RK.BTB.50.130.D40C	50	70	40	27	130
RK.BTB.50.160.D40C	50	70	40	27	160
RK.BTB.50.200.D40C	50	70	40	27	200

**MAS 403 - BT - SK 40/50**

AT2

G6,3 / 15000

AD

ZWISCHENHÜLSE FÜR BOHRER MORSE KEGEL**MANDRINI DI RIDUZIONE PER PUNTE CONO MORSE****REDUCING ADAPTERS FOR MORSE TAPER DRILLS**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	K	D	L	A
RK.BT.40.50.CM1P	40	1	25	23	50
RK.BT.40.50.CM2P	40	2	32	23	50
RK.BT.40.70.CM3P	40	3	40	43	70
RK.BT.40.95.CM4P	40	4	48	68	95

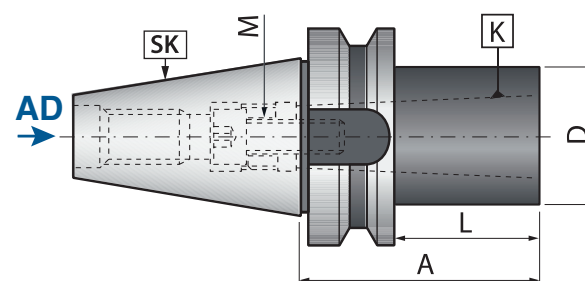
BESTELL.-NR. ARTICOLO ORDER NR.	SK	K	D	L	A
RK.BT.50.45.CM1P	50	1	25	7	45
RK.BT.50.120.CM1P	50	1	25	82	120
RK.BT.50.60.CM2P	50	2	32	22	60
RK.BT.50.135.CM2P	50	2	32	97	135
RK.BT.50.65.CM3P	50	3	40	27	65
RK.BT.50.155.CM3P	50	3	40	117	155
RK.BT.50.95.CM4P	50	4	40	57	95
RK.BT.50.180.CM4P	50	4	48	142	180
RK.BT.50.105.CM5P	50	5	48	67	105
RK.BT.50.215.CM5P	50	5	48	177	215

MAS 403
- BT**MAS 403 - BT - SK 40/50**

AT2

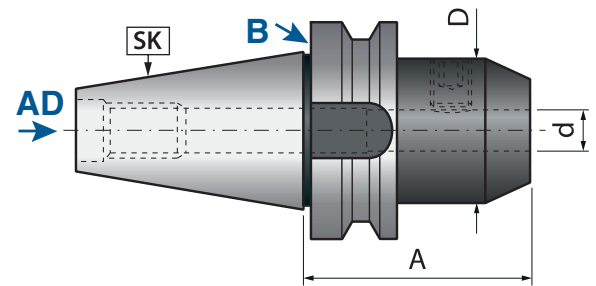
G6,3 / 15000

AD

ZWISCHENHÜLSE FÜR FRÄSER MORSE KEGEL**MANDRINI DI RIDUZIONE PER FRESE CONO MORSE****REDUCING ADAPTERS FOR MORSE TAPER MILL**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	K	D	M	L	A
RK.BT.40.50.CM1F	40	1	25	M6	23	50
RK.BT.40.50.CM2F	40	2	32	M10	23	50
RK.BT.40.70.CM3F	40	3	40	M12	43	70
RK.BT.40.95.CM4F	40	4	48	M16	68	95
RK.BT.40.110.CM4F	40	4	48	M16	83	110

BESTELL.-NR. ARTICOLO ORDER NR.	SK	K	D	M	L	A
RK.BT.50.45.CM1F	50	1	25	M6	7	45
RK.BT.50.60.CM2F	50	2	32	M10	22	60
RK.BT.50.65.CM3F	50	3	40	M12	27	65
RK.BT.50.70.CM4F	50	4	48	M16	32	70
RK.BT.50.85.CM4F	50	4	48	M16	47	85
RK.BT.50.100.CM5F	50	5	63	M20	62	100
RK.BT.50.118.CM5F	50	5	63	M20	80	118

**MAS 403 - BT - SK 40/50****AT2****G6,3 / 15000****AD+B****ZWISCHENHÜLSEN FÜR WELDON FRÄSER****MANDRINI PER FRESE WELDON****WELDON END MILLS HOLDERS**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BTB.40.50.WE6	40	6	25	50
RK.BTB.40.100.WE6	40	6	25	100
RK.BTB.40.130.WE6	40	6	25	130
RK.BTB.40.160.WE6	40	6	25	160
RK.BTB.40.50.WE8	40	8	28	50
RK.BTB.40.100.WE8	40	8	28	100
RK.BTB.40.130.WE8	40	8	28	130
RK.BTB.40.160.WE8	40	8	28	160
RK.BTB.40.63.WE10	40	10	35	63
RK.BTB.40.100.WE10	40	10	35	100
RK.BTB.40.130.WE10	40	10	35	130
RK.BTB.40.160.WE10	40	10	35	160
RK.BTB.40.63.WE12	40	12	42	63
RK.BTB.40.100.WE12	40	12	42	100
RK.BTB.40.130.WE12	40	12	42	130
RK.BTB.40.160.WE12	40	12	42	160
RK.BTB.40.63.WE14	40	14	44	63
RK.BTB.40.100.WE14	40	14	44	100
RK.BTB.40.130.WE14	40	14	44	130
RK.BTB.40.160.WE14	40	14	44	160
RK.BTB.40.63.WE16	40	16	48	63
RK.BTB.40.100.WE16	40	16	48	100
RK.BTB.40.130.WE16	40	16	48	130
RK.BTB.40.160.WE16	40	16	48	160
RK.BTB.40.63.WE18	40	18	50	63
RK.BTB.40.100.WE18	40	18	50	100
RK.BTB.40.130.WE18	40	18	50	130
RK.BTB.40.160.WE18	40	18	50	160
RK.BTB.40.63.WE20	40	20	52	63
RK.BTB.40.100.WE20	40	20	52	100
RK.BTB.40.130.WE20	40	20	52	130
RK.BTB.40.160.WE20	40	20	52	160
RK.BTB.40.90.WE25	40	25	65	90
RK.BTB.40.130.WE25	40	25	65	130
RK.BTB.40.160.WE25	40	25	65	160
RK.BTB.40.100.WE32	40	32	72	100
RK.BTB.40.130.WE32	40	32	72	130
RK.BTB.40.160.WE32	40	32	72	160
RK.BTB.40.120.WE40	40	40	80	120

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BTB.50.63.WE6	50	6	25	63
RK.BTB.50.100.WE6	50	6	25	100
RK.BTB.50.130.WE6	50	6	25	130
RK.BTB.50.160.WE6	50	6	25	160
RK.BTB.50.200.WE6	50	6	25	200
RK.BTB.50.63.WE8	50	8	28	63
RK.BTB.50.100.WE8	50	8	28	100
RK.BTB.50.130.WE8	50	8	28	130
RK.BTB.50.160.WE8	50	8	28	160
RK.BTB.50.200.WE8	50	8	28	200
RK.BTB.50.63.WE10	50	10	35	63
RK.BTB.50.100.WE10	50	10	35	100
RK.BTB.50.130.WE10	50	10	35	130
RK.BTB.50.160.WE10	50	10	35	160
RK.BTB.50.200.WE10	50	10	35	200
RK.BTB.50.80.WE12	50	12	42	80
RK.BTB.50.100.WE12	50	12	42	100
RK.BTB.50.130.WE12	50	12	42	130
RK.BTB.50.160.WE12	50	12	42	160
RK.BTB.50.200.WE12	50	12	42	200
RK.BTB.50.80.WE14	50	14	44	80
RK.BTB.50.100.WE14	50	14	44	100
RK.BTB.50.130.WE14	50	14	44	130
RK.BTB.50.160.WE14	50	14	44	160
RK.BTB.50.200.WE14	50	14	44	200
RK.BTB.50.80.WE16	50	16	48	80
RK.BTB.50.100.WE16	50	16	48	100
RK.BTB.50.130.WE16	50	16	48	130
RK.BTB.50.160.WE16	50	16	48	160
RK.BTB.50.200.WE16	50	16	48	200
RK.BTB.50.80.WE18	50	18	50	80
RK.BTB.50.100.WE18	50	18	50	100
RK.BTB.50.130.WE18	50	18	50	130
RK.BTB.50.160.WE18	50	18	50	160
RK.BTB.50.200.WE18	50	18	50	200
RK.BTB.50.80.WE20	50	20	52	80
RK.BTB.50.100.WE20	50	20	52	100
RK.BTB.50.130.WE20	50	20	52	130
RK.BTB.50.160.WE20	50	20	52	160
RK.BTB.50.200.WE20	50	20	52	200
RK.BTB.50.100.WE25	50	25	65	100
RK.BTB.50.130.WE25	50	25	65	130
RK.BTB.50.160.WE25	50	25	65	160
RK.BTB.50.200.WE25	50	25	65	200
RK.BTB.50.105.WE32	50	32	72	105
RK.BTB.50.130.WE32	50	32	72	130
RK.BTB.50.160.WE32	50	32	72	160
RK.BTB.50.200.WE32	50	32	72	200
RK.BTB.50.120.WE40	50	40	80	120
RK.BTB.50.160.WE40	50	40	80	160
RK.BTB.50.200.WE40	50	40	80	200
RK.BTB.50.125.WE50	50	50	90	125



MAS 403 - BT - SK 40/50

AT2

G6,3 / 15000

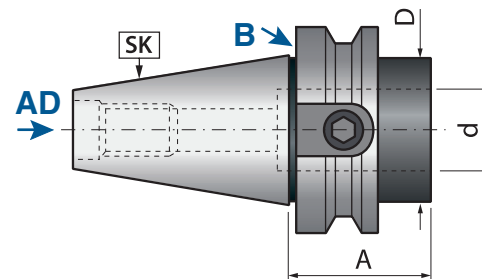
AD+B

AUSZÜGEHALTER FÜR WELDON FRÄSER

MANDRINI EXTRACORTI PER FRESE WELDON

EXTRA SHORT TOOLHOLDERS FOR WELDON MILLS

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	SCHRAUBEN - VITI - SCREWS	A
RK.BTB.40.35.WE16	40	16	43,5	M14x16	35
RK.BTB.40.35.WE20	40	20	43,5	M16x16	35
RK.BTB.40.35.WE25	40	25	43,5	M16x10	35
RK.BTB.40.60.WE25	40	25	50	M18x2x12+ M16x1x8	60
RK.BTB.40.40.WE32	40	32	50	M20x2x20+M16x1x8	40
RK.BTB.40.70.WE32	40	32	72	M20x2x20+ M16x1x8	70



BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	SCHRAUBEN - VITI - SCREWS	A
RK.BTB.50.44.WE16	50	16	70	M14x16	44
RK.BTB.50.44.WE20	50	20	70	M16x16	44
RK.BTB.50.44.WE25	50	25	70	M18x2x20	44
RK.BTB.50.44.WE32	50	32	70	M20x2x20	44
RK.BTB.50.44.WE40	50	40	80	M20x2x20	44



MAS 403 - BT - SK 40/50

AT2

G2,5 / 25000

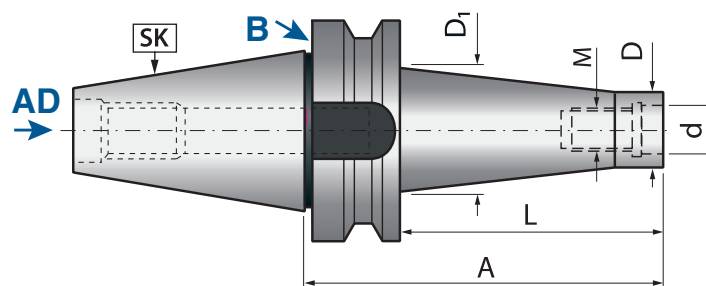
AD+B

WERKZEUGHALTER FÜR SCHRAUBFRÄSER

MANDRINI PER FRESE FILETTATE

TOOLHOLDERS FOR SCREWED MILLING CUTTERS

BESTELL.-NR. ARTICOLO ORDER NR.	SK	M	d	D	D ₁	L	A
RK.BTB.40.52.M6CPY	40	M6	6,5	10	13	25	52
RK.BTB.40.77.M6CPY	40	M6	6,5	10	20	50	77
RK.BTB.40.102.M6CPY	40	M6	6,5	10	23	75	102
RK.BTB.40.63.M8CPY	40	M8	8,5	13	15	36	63
RK.BTB.40.83.M8CPY	40	M8	8,5	13	23	56	83
RK.BTB.40.103.M8CPY	40	M8	8,5	13	23	76	103
RK.BTB.40.123.M8CPY	40	M8	8,5	13	25	96	123
RK.BTB.40.63.M10CPY	40	M10	10,5	18	20	36	63
RK.BTB.40.83.M10CPY	40	M10	10,5	18	25	56	83
RK.BTB.40.103.M10CPY	40	M10	10,5	18	28	76	103
RK.BTB.40.123.M10CPY	40	M10	10,5	18	28	96	123
RK.BTB.40.63.M12CPY	40	M12	12,5	21	24	36	63
RK.BTB.40.83.M12CPY	40	M12	12,5	21	24	56	83
RK.BTB.40.103.M12CPY	40	M12	12,5	21	31	76	103
RK.BTB.40.123.M12CPY	40	M12	12,5	21	31	96	123
RK.BTB.40.63.M16CPY	40	M16	17	29	34	36	63
RK.BTB.40.83.M16CPY	40	M16	17	29	34	56	83
RK.BTB.40.103.M16CPY	40	M16	17	29	34	76	103
RK.BTB.40.123.M16CPY	40	M16	17	29	39	96	123
RK.BTB.40.153.M16CPY	40	M16	17	29	39	126	153



BESTELL.-NR. ARTICOLO ORDER NR.	SK	M	d	D	D ₁	L	A
RK.BT.50.88.M8CPY	50	M8	8,5	13	23	50	88
RK.BT.50.138.M8CPY	50	M8	8,5	13	25	100	138
RK.BT.50.188.M8CPY	50	M8	8,5	13	30	150	188
RK.BT.50.88.M10CPY	50	M10	10,5	18	23	50	88
RK.BT.50.138.M10CPY	50	M10	10,5	18	32	100	138
RK.BT.50.188.M10CPY	50	M10	10,5	18	36,5	150	188
RK.BT.50.88.M12CPY	50	M12	12,5	21	24	50	88
RK.BT.50.138.M12CPY	50	M12	12,5	21	33	100	138
RK.BT.50.188.M12CPY	50	M12	12,5	21	40	150	188
RK.BT.50.88.M16CPY	50	M16	17	29	34	50	88
RK.BT.50.138.M16CPY	50	M16	17	29	36	100	138
RK.BT.50.188.M16CPY	50	M16	17	29	42,5	150	188

MAS 403
- BT



MAS 403 - BT - SK 40/50

AT2

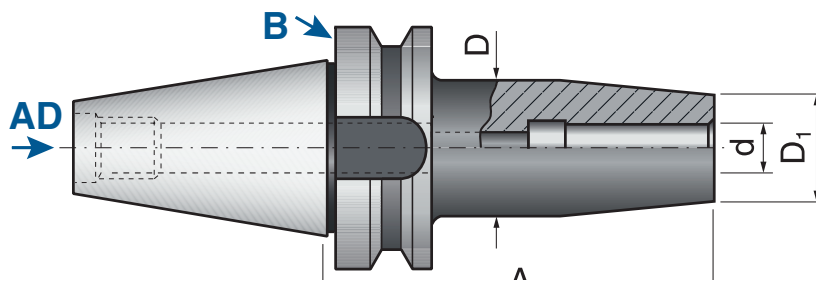
G2,5 / 25000

AD+B

SCHRUMPFHALTER STANDARD

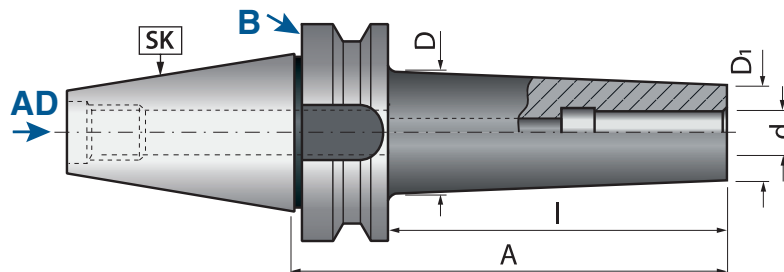
MANDRINI CALETTAMENTO STANDARD

SHRINK FIT HOLDERS STANDARD



BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	A	D ₁	D
RK.BTB.40.90.CL3	40	3	90	10	20
RK.BTB.40.120.CL3	40	3	120	10	20
RK.BTB.40.160.CL3	40	3	160	10	20
RK.BTB.40.90.CL4	40	4	90	15	22
RK.BTB.40.120.CL4	40	4	120	15	22
RK.BTB.40.160.CL4	40	4	160	15	22
RK.BTB.40.90.CL5	40	5	90	15	22
RK.BTB.40.120.CL5	40	5	120	15	22
RK.BTB.40.160.CL5	40	5	160	15	22
RK.BTB.40.90.CL6	40	6	90	21	27
RK.BTB.40.130.CL6	40	6	130	21	27
RK.BTB.40.160.CL6	40	6	160	21	27
RK.BTB.40.90.CL8	40	8	90	21	27
RK.BTB.40.130.CL8	40	8	130	21	27
RK.BTB.40.160.CL8	40	8	160	21	27
RK.BTB.40.90.CL10	40	10	90	24	32
RK.BTB.40.130.CL10	40	10	130	24	32
RK.BTB.40.160.CL10	40	10	160	24	32
RK.BTB.40.90.CL12	40	12	90	24	32
RK.BTB.40.130.CL12	40	12	130	24	32
RK.BTB.40.160.CL12	40	12	160	24	32
RK.BTB.40.90.CL14	40	14	90	27	34
RK.BTB.40.130.CL14	40	14	130	27	34
RK.BTB.40.160.CL14	40	14	160	27	34
RK.BTB.40.90.CL16	40	16	90	27	34
RK.BTB.40.130.CL16	40	16	130	27	34
RK.BTB.40.160.CL16	40	16	160	27	34
RK.BTB.40.90.CL18	40	18	90	33	42
RK.BTB.40.130.CL18	40	18	130	33	42
RK.BTB.40.160.CL18	40	18	160	33	42
RK.BTB.40.90.CL20	40	20	90	33	42
RK.BTB.40.130.CL20	40	20	130	33	42
RK.BTB.40.160.CL20	40	20	160	33	42
RK.BTB.40.100.CL25	40	25	100	44	53
RK.BTB.40.130.CL25	40	25	130	44	53
RK.BTB.40.160.CL25	40	25	160	44	53
RK.BTB.40.100.CL32	40	32	100	44	53
RK.BTB.40.130.CL32	40	32	130	44	53
RK.BTB.40.160.CL32	40	32	160	44	53

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	A	D ₁	D
RK.BTB.50.100.CL3	50	3	100	10	20
RK.BTB.50.120.CL3	50	3	120	10	20
RK.BTB.50.160.CL3	50	3	160	10	20
RK.BTB.50.100.CL4	50	4	100	15	25
RK.BTB.50.120.CL4	50	4	120	15	22
RK.BTB.50.160.CL4	50	4	160	15	22
RK.BTB.50.100.CL5	50	5	100	15	25
RK.BTB.50.120.CL5	50	5	120	15	22
RK.BTB.50.160.CL5	50	5	160	15	22
RK.BTB.50.100.CL6	50	6	100	20	27
RK.BTB.50.120.CL6	50	6	120	20	27
RK.BTB.50.160.CL6	50	6	160	20	27
RK.BTB.50.100.CL8	50	8	100	20	27
RK.BTB.50.120.CL8	50	8	120	20	27
RK.BTB.50.160.CL8	50	8	160	20	27
RK.BTB.50.100.CL10	50	10	100	24	31
RK.BTB.50.120.CL10	50	10	120	24	31
RK.BTB.50.160.CL10	50	10	160	24	31
RK.BTB.50.100.CL12	50	12	100	24	31
RK.BTB.50.120.CL12	50	12	120	24	31
RK.BTB.50.160.CL12	50	12	160	24	31
RK.BTB.50.100.CL14	50	14	100	27	34
RK.BTB.50.120.CL14	50	14	120	27	34
RK.BTB.50.160.CL14	50	14	160	27	34
RK.BTB.50.100.CL16	50	16	100	27	34
RK.BTB.50.120.CL16	50	16	120	27	34
RK.BTB.50.160.CL16	50	16	160	27	34
RK.BTB.50.100.CL18	50	18	100	33	40
RK.BTB.50.120.CL18	50	18	120	33	40
RK.BTB.50.160.CL18	50	18	160	33	40
RK.BTB.50.90.CL20	50	20	100	33	40
RK.BTB.50.120.CL20	50	20	120	33	40
RK.BTB.50.160.CL20	50	20	160	33	40
RK.BTB.50.110.CL25	50	25	110	44	53
RK.BTB.50.120.CL25	50	25	120	44	53
RK.BTB.50.160.CL25	50	25	160	44	53
RK.BTB.50.110.CL32	50	32	110	44	53
RK.BTB.50.120.CL32	50	32	120	44	53
RK.BTB.50.160.CL32	50	32	160	44	53

SCHRUMPFHALTER SCHLANKE TYP
MANDRINI CALETTAMENTO TIPO SLIM
SHRINK FIT HOLDERS SLIM TYPE


BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	A	D ₁	D	I
RK.BTB.40.90.CL3.SL	40	3	90	9	13	63
RK.BTB.40.120.CL3.SL	40	3	120	9	16	93
RK.BTB.40.90.CL4.SL	40	4	90	10	15	63
RK.BTB.40.120.CL4.SL	40	4	120	10	15	93
RK.BTB.40.90.CL5.SL	40	5	90	11	16	63
RK.BTB.40.120.CL5.SL	40	5	120	11	20	93
RK.BTB.40.90.CL6.SL	40	6	90	12	17	63
RK.BTB.40.130.CL6.SL	40	6	130	12	19	103
RK.BTB.40.160.CL6.SL	40	6	160	12	19	133
RK.BTB.40.90.CL8.SL	40	8	90	14	19	63
RK.BTB.40.130.CL8.SL	40	8	130	14	21	103
RK.BTB.40.160.CL8.SL	40	8	160	14	21	133
RK.BTB.40.90.CL10.SL	40	10	90	16	21	63
RK.BTB.40.130.CL10.SL	40	10	130	16	23	103
RK.BTB.40.160.CL10.SL	40	10	160	16	23	133
RK.BTB.40.90.CL12.SL	40	12	90	18	23	63
RK.BTB.40.130.CL12.SL	40	12	130	18	25	103
RK.BTB.40.160.CL12.SL	40	12	160	18	25	133
RK.BTB.40.90.CL14.SL	40	14	90	22	25	63
RK.BTB.40.130.CL14.SL	40	14	130	22	27	103
RK.BTB.40.160.CL14.SL	40	14	160	22	27	133
RK.BTB.40.90.CL16.SL	40	16	90	24	29	63
RK.BTB.40.130.CL16.SL	40	16	130	21	31	103
RK.BTB.40.160.CL16.SL	40	16	160	24	31	133
RK.BTB.40.90.CL20.SL	40	20	90	28	33	63
RK.BTB.40.130.CL20.SL	40	20	130	28	35	103
RK.BTB.40.160.CL20.SL	40	20	160	28	35	133



MAS 403 - BT - SK 40/50

AT2

G6,3 / 15000

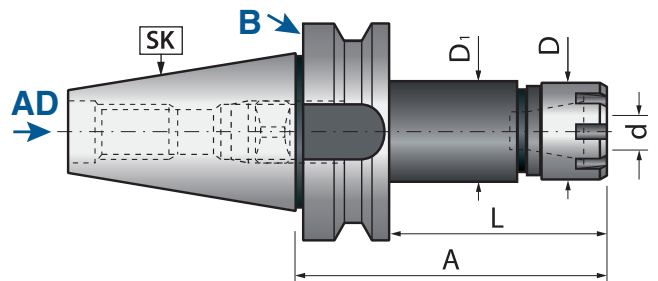
AD+B

FRÄSPANNFUTTER MINI FÜR ER SPANNZANGEN

MANDRINI PORTAPINZA MINI PER PINZE ER

MINI COLLET CHUCKS FOR ER COLLETS

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	D ₁	L	A
RK.BTB.40.100.ER11M	40	1 ÷ 7	16	16	73	100
RK.BTB.40.125.ER11M	40	1 ÷ 7	16	16	98	125
RK.BTB.40.150.ER11M	40	1 ÷ 7	16	16	123	150
RK.BTB.40.100.ER16M	40	1 ÷ 10	22	22	73	100
RK.BTB.40.125.ER16M	40	1 ÷ 10	22	22	98	125
RK.BTB.40.150.ER16M	40	1 ÷ 10	22	22	123	150
RK.BTB.40.100.ER20M	40	1 ÷ 13	28	28	73	100
RK.BTB.40.135.ER20M	40	1 ÷ 13	28	28	108	135
RK.BTB.40.150.ER20M	40	1 ÷ 13	28	28	123	160
RK.BTB.40.100.ER25M	40	1 ÷ 16	35	35	73	100
RK.BTB.40.150.ER25M	40	1 ÷ 16	35	35	123	160
RK.BTB.40.200.ER25M	40	1 ÷ 16	35	35	173	200



BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	D ₁	L	A
RK.BTB.50.135.ER16M	50	1 ÷ 10	22	22	97	135
RK.BTB.50.160.ER16M	50	1 ÷ 10	22	22	122	160
RK.BTB.50.200.ER16M	50	1 ÷ 10	22	22	162	200
RK.BTB.50.135.ER20M	50	1 ÷ 13	28	28	97	135



MAS 403 - BT - SK 40/50

AT2

G6,3 / 15000

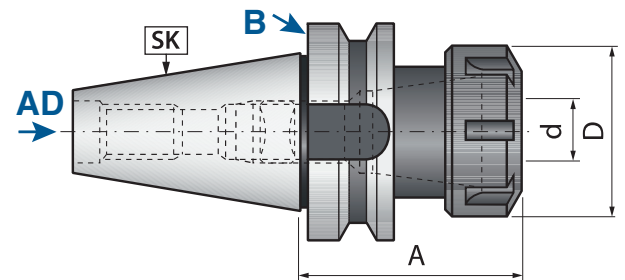
AD+B

FRÄSPANNFUTTER FÜR ER SPANNZANGEN

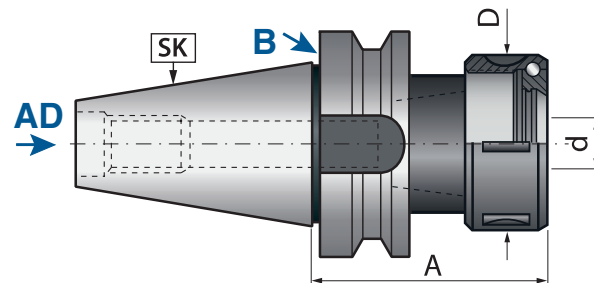
MANDRINI PORTAPINZA PER PINZE ER

COLLET CHUCKS FOR ER COLLETS

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BTB.40.70.ER16	40	1 ÷ 10	32	70
RK.BTB.40.100.ER16	40	1 ÷ 10	32	100
RK.BTB.40.120.ER16	40	1 ÷ 10	32	120
RK.BTB.40.150.ER16	40	1 ÷ 10	32	150
RK.BTB.40.200.ER16	40	1 ÷ 10	32	200
RK.BTB.40.70.ER20	40	1 ÷ 13	35	70
RK.BTB.40.100.ER20	40	1 ÷ 13	35	100
RK.BTB.40.160.ER20	40	1 ÷ 13	35	160
RK.BTB.40.70.ER25	40	1 ÷ 16	42	70
RK.BTB.40.100.ER25	40	1 ÷ 16	42	100
RK.BTB.40.130.ER25	40	1 ÷ 16	42	130
RK.BTB.40.160.ER25	40	1 ÷ 16	42	160
RK.BTB.40.200.ER25	40	1 ÷ 16	42	200
RK.BTB.40.70.ER32	40	2 ÷ 20	50	70
RK.BTB.40.100.ER32	40	2 ÷ 20	50	100
RK.BTB.40.130.ER32	40	2 ÷ 20	50	130
RK.BTB.40.150.ER32	40	2 ÷ 20	50	150
RK.BTB.40.200.ER32	40	2 ÷ 20	50	200
RK.BTB.40.70.ER40	40	3 ÷ 26	63	70
RK.BTB.40.100.ER40	40	3 ÷ 26	63	100
RK.BTB.40.130.ER40	40	3 ÷ 26	63	130
RK.BTB.40.150.ER40	40	3 ÷ 26	63	150
RK.BTB.40.200.ER40	40	3 ÷ 26	63	200
RK.BTB.40.85.ER50	40	6 ÷ 34	78	85

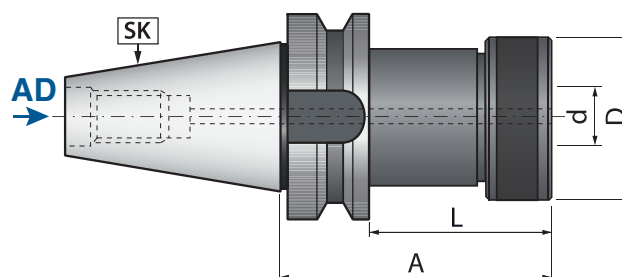


BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BTB.50.100.ER16	50	2 ÷ 20	32	100
RK.BTB.50.160.ER16	50	2 ÷ 20	32	160
RK.BTB.50.200.ER16	50	2 ÷ 20	32	200
RK.BTB.50.100.ER20	50	1 ÷ 13	35	100
RK.BTB.50.160.ER20	50	1 ÷ 13	35	160
RK.BTB.50.80.ER25	50	1 ÷ 16	42	80
RK.BTB.50.100.ER25	50	1 ÷ 16	42	100
RK.BTB.50.130.ER25	50	1 ÷ 16	42	130
RK.BTB.50.160.ER25	50	1 ÷ 16	42	160
RK.BTB.50.200.ER25	50	1 ÷ 16	42	200
RK.BTB.50.80.ER32	50	2 ÷ 20	50	80
RK.BTB.50.100.ER32	50	2 ÷ 20	50	100
RK.BTB.50.120.ER32	50	2 ÷ 20	50	120
RK.BTB.50.160.ER32	50	2 ÷ 20	50	160
RK.BTB.50.200.ER32	50	2 ÷ 20	50	200
RK.BTB.50.250.ER32	50	2 ÷ 20	50	250
RK.BTB.50.80.ER40	50	3 ÷ 30	63	80
RK.BTB.50.100.ER40	50	3 ÷ 30	63	100
RK.BTB.50.130.ER40	50	3 ÷ 30	63	130
RK.BTB.50.160.ER40	50	3 ÷ 30	63	160
RK.BTB.50.200.ER40	50	3 ÷ 30	63	200
RK.BTB.50.300.ER40	50	3 ÷ 30	63	300
RK.BTB.50.100.ER50	50	6 ÷ 34	78	100
RK.BTB.50.120.ER50	50	6 ÷ 34	78	120
RK.BTB.50.160.ER50	50	6 ÷ 34	78	160

**MAS 403 - BT - SK 40/50****AT2****G6,3 / 15000****AD+B****FRÄSPANNFUTTER FÜR EOC SPANNZANGEN****MANDRINI PORTAPINZA PER PINZE EOC****COLLET CHUCK FOR EOC COLLETS**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BT.40.70.EOC16	40	2 ÷ 16	43	70
RK.BT.40.70.EOC25	40	2 ÷ 25	60	70
RK.BT.40.90.EOC32	40	4 ÷ 32	72	90

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BT.50.85.EOC25	50	2 ÷ 25	60	85
RK.BT.50.90.EOC32	50	4 ÷ 32	72	90

**MAS 403
- BT****MAS 403 - BT - SK 40/50****AT2****G2,5 / 25000****AD****SPANNFUTTER FÜR SKS SPANNZANGE****MANDRINI PORTAPINZA PER PINZE SKS****COLLET CHUCK FOR SKS COLLETS**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	L	A	D
RK.BT.40.90.SKS10	40	2 ÷ 10	45	90	30
RK.BT.40.120.SKS10	40	2 ÷ 10	74	120	30
RK.BT.40.90.SKS20	40	3 ÷ 20	60	90	48.5
RK.BT.40.120.SKS20	40	3 ÷ 20	88	120	48.5

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	L	A	D
RK.BT.50.105.SKS10	50	2 ÷ 10	57	105	30
RK.BT.50.165.SKS10	50	2 ÷ 10	108	165	30
RK.BT.50.105.SKS20	50	3 ÷ 20	62	105	48.5
RK.BT.50.165.SKS20	50	3 ÷ 20	122	105	48.5

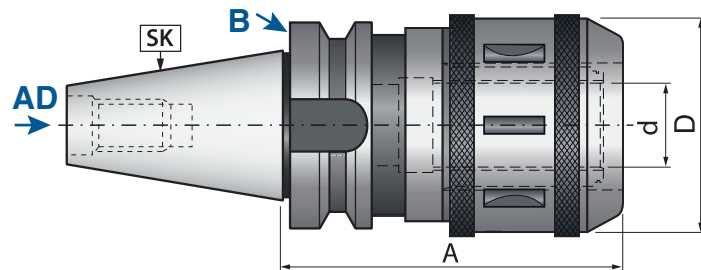


HOCHLEISTUNGSFUTTER

MANDRINI FORTE SERRAGGIO

HIGH POWER CHUCKS

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BTB.40.80.FP20	40	4SR20-Ø3 AL Ø18	46	80
RK.BTB.40.85.FP32	40	4SR32-Ø6 AL Ø25	62	85



BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BTB.50.100.FP20	50	4SR20-Ø3 AL Ø18	46	100
RK.BTB.50.100.FP32	50	4SR32-Ø6 AL Ø25	62	100

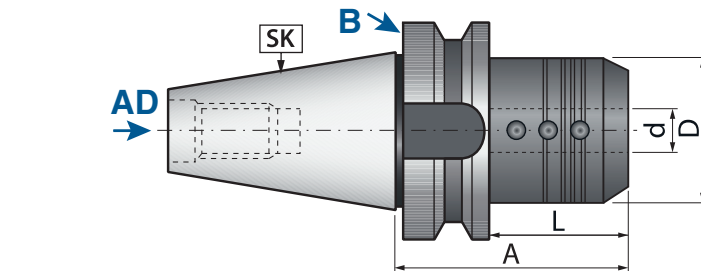


HYDRODEHNSPANNFUTTER

MANDRINI AD ESPANSIONE IDRAULICI

HYDRAULIC EXPANSION CHUCKS

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A	L
RK.BTB.40.90.HY12	40	90	63	32	12
RK.BTB.40.90.HY20	40	90	63	42	20
RK.BTB.40.90.HY25	40	90	63	50	25
RK.BTB.40.110.HY32	40	110	81.5	60	32



BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A	L
RK.BTB.50.110.HY12	50	110	72	32	12
RK.BTB.50.110.HY20	50	110	72	42	20
RK.BTB.50.110.HY25	50	110	72	50	25
RK.BTB.50.110.HY32	50	110	72	60	32

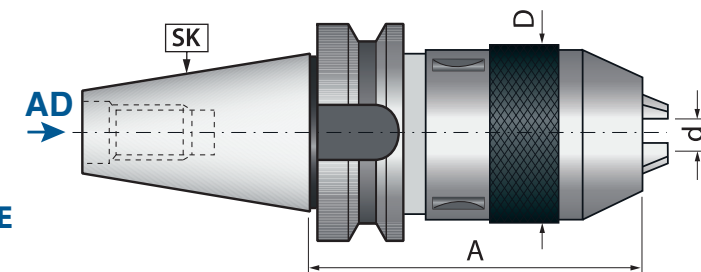


BOHRFUTTER MIT HAKENKLAPPE

PORTA PUNTE AUTOSERRANTI CON CHIAVE A SETTORE

DRILL CHUCKS WITH HOOK WRENCH

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BT.40.85.DCK8	40	1 ÷ 8 mm	37	85
RK.BT.40.98.DCK13	40	1 ÷ 13 mm	50	98
RK.BT.40.105.DCK16	40	3 ÷ 16 mm	58	105



BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BT.50.105.DCK13	50	1 ÷ 13 mm	50	105
RK.BT.50.115.DCK16	50	3 ÷ 16 mm	58	115

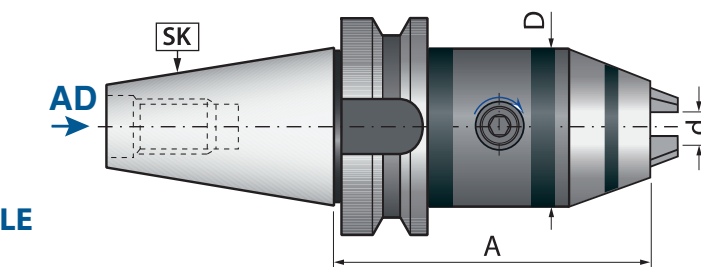


BOHRFUTTER MIT HEXAGONALER SCHLÜSSEL

PORTA PUNTE AUTOSERRANTI CON CHIAVE ESAGONALE

DRILL CHUCKS WITH HEXAGONAL KEY LOCK

BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BT.40.98.HD13	40	1 ÷ 13 mm	98	50
RK.BT.40.103.HD16	40	3 ÷ 16 mm	103	58



BESTELL.-NR. ARTICOLO ORDER NR.	SK	d	D	A
RK.BT50.109.HD13	50	1 ÷ 13 mm	109	50
RK.BT50.114.HD16	50	3 ÷ 16 mm	114	58

**MAS 403 - BT - SK 40/50**

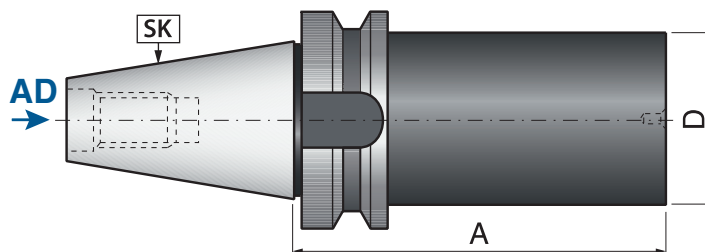
AT2

42 HRC

AD

ROHLINGE**MANDRINI A STELLO TENERO LAVORABILE****BLANK ADAPTORS**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	A
RK.BT.40.250.D40BL	40	40	250
RK.BT.40.250.D63BL	40	63	250



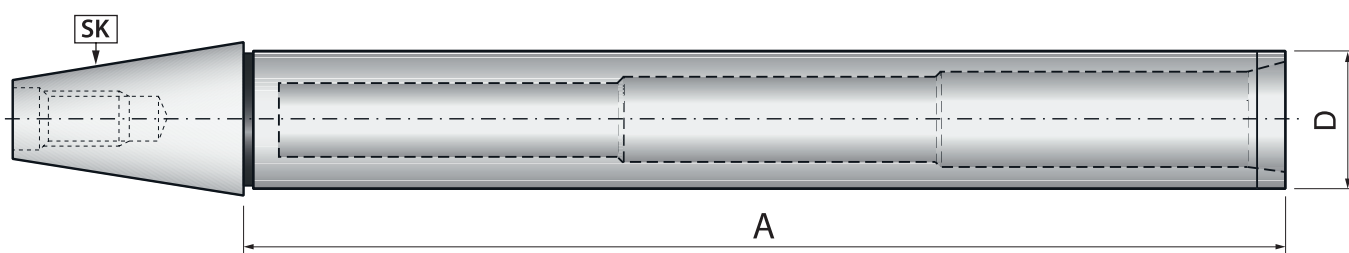
BESTELL.-NR. ARTICOLO ORDER NR.	SK	D	A
RK.BT.50.315.D97BL	40	97	315

MAS 403
- BT**MAS 403 - BT - SK 40/50**

AT2

CERTIFICATE

AD

KONTROL DORNE**SPINE DI CONTROLLO****CONTROL BAR**

BESTELL.-NR. ARTICOLO ORDER NR.	SK	A	D
RK.BT.40.300.D40	40	40	300

BESTELL.-NR. ARTICOLO ORDER NR.	SK	A	D
RK.BT.50.300.D50	50	50	300