

CATALOGO
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CATALOGUE



PRÄZISIONS-SPANNWERKZEUGE HIGH PRECISION TOOLHOLDERS

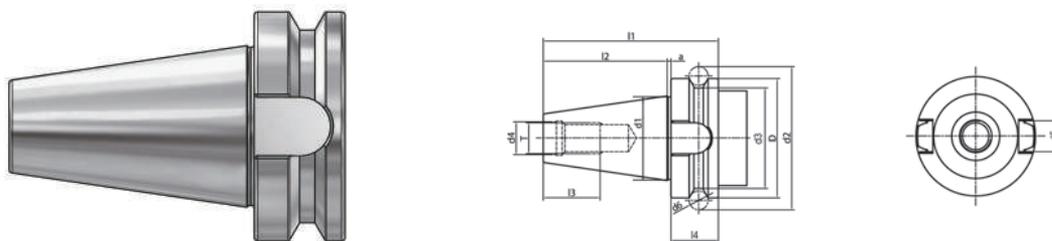
HiTECH La tecnologia dei mandrini!



HiTECH
SEH
PRÄZISIONSWERKZEUGE

BT Taper Standard

Cono BT standard



Size	D	d1	d2	d3	d4	d5	d6	l1	l2	l3	l4	a	T
BT30	46	31.75	56.144	38	12.5	16.1	8	70.4	48.4	24	20	2	M12*1.75
BT40	63	44.45	75.679	53	17	16.	10	92.4	65.4	30	25	2	M16*2.0
BT50	100	69.85	119.019	85	25	25.7	15	139.8	101.8	45	35	3	M24*3.0

Taper standard/Standard cono: JIS B 6339 MAS BT

Material/Materiale: Alloyed case hardened steel/acciaio legato temprato

Surface Treatment/rattamento superficiale: Blackening and Bright/annerimento e lucidatura

Taper tolerance/Tolleranza conica: AT3

Hardness/Durezza: HRC 56-60

Carbon depth/Profondità di carbonio: 0,8 0,2 mm

Surface Roughness/Rugosità superficiale: Ra 0,2 m

Balancing/Bilanciatura: G6,3/15000; G2,5/25000

Cooling:/Raffreddamento: AD; AD/B



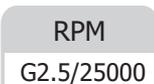
DIN6499

Socket type according to DIN6499
tipologia di presa secondo DIN6499



≤0.003

Run Out less than 0.003
Run Out inferiore a 0.003



G2.5/25000

Balance G2.5/ 25,000 rpm
Bilanciatura G2.5/ 25.000 Giri



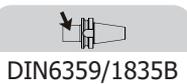
AD

AD Lubrication
Lubrificazione AD



AD/B

Lubrication (AD/B) AD/AF
Lubrificazione (AD/B) AD/AF



DIN6359/1835B

Socket type according to DIN6359
tipologia di presa secondo DIN6359

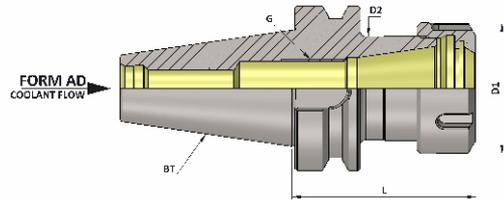
BRIGHTTOOLS
ER Collet Chuck

Mandrino ER







Code	Size	D	D1	L	Capacity	Euro
405.02.10.HT	BT40-ER16-70	28	32	70	1-10	51,50 € 
405.02.16.HT	BT40-ER25-70	42	42	70	2-16	51,50 € 
405.02.20.HT	BT40-ER32-70	50	50	70	2-20	52,50 € 
405.02.26.HT	BT40-ER40-80	50	63	80	3-26	55,10 € 
405.02.10.1.HT	BT40-ER16-100	28	32	100	1-10	56,00 € 
405.02.16.1.HT	BT40-ER25-100	42	42	100	2-16	63,30 € 
405.02.20.1.HT	BT40-ER32-100	50	50	100	2-20	63,30 € 
405.02.26.1.HT	BT40-ER40-100	50	63	100	3-26	71,60 € 

BT30 / BT50 disponibili in 20 giorni 🕒



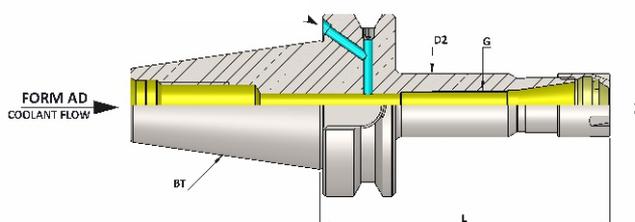



Code	Size	D	D1	L	Capacity	Euro
406.02.10.HT	BT40-ER16-70	28	32	70	1-10	74,70 € 
406.02.16.HT	BT40-ER25-70	42	42	70	2-16	74,70 € 
406.02.20.HT	BT40-ER32-70	50	50	70	2-20	79,80 € 
406.02.26.HT	BT40-ER40-80	50	63	80	3-26	85,90 € 

BT50 disponibili in 20 giorni 🕒

ER MINI Collet Chuck

Mandrino MINI ER

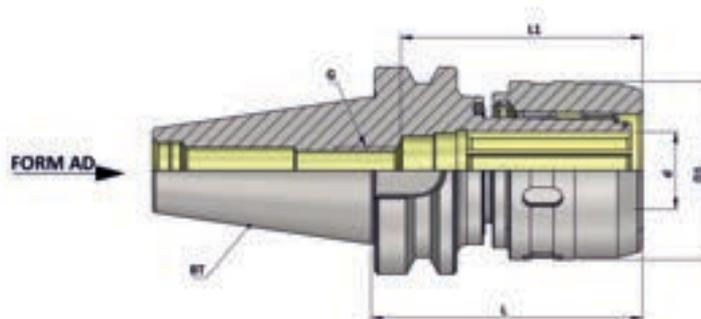


Code	Size	D	D1	L	Capacity	Euro
406.02.07.1.HT	BT40-ER11M-100	16	16	100	1-7	98,60 €
406.02.07.10.1.HT	BT40-ER16M-100	22	22	100	1-10	98,60 €
406.02.07.2.HT	BT40-ER11M-160T	16	16	160	1-7	113,10 €
406.02.07.10.2.HT	BT40-ER16M-160T	22	22	160	1-10	113,10 €

BT50 disponibili in 20 giorni

Power Milling Chuck

Mandrino Forte Serraggio



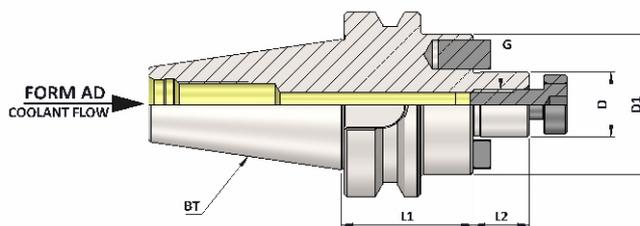
Code	Size	d	D	L	Capacity	Euro
405.64.20.S.HT	BT40-HC20-90	20	50	90	3-16; 20	204,30 €
405.64.25.S.HT	BT40-HC25-100	25	59	100	3-20; 25	209,70 €
405.64.32.S.HT	BT40-HC32-90	32	72	90	3-25; 32	215,10 €

BT40 AD/B art.406.64.20.HT disponibili in 5 giorni

BT50 disponibili in 20 giorni

Face Mill Holder

Mandrino Porta frese a trascinamento



Code	Size	d	D	L	H	M	Euro	
405.11.16.HT	BT40-FMB16-45	16	38	45	17	M8	69,10 €	●
405.11.22.HT	BT40-FMB22-45	22	48	45	19	M10	69,80 €	●
405.11.27.HT	BT40-FMB27-45	27	58	45	21	M12	69,80 €	●
405.11.32.HT	BT40-FMB32-50	32	78	50	24	M16	74,50 €	●
405.11.16.1.HT	BT40-FMB16-100	16	38	100	17	M8	73,60 €	●
405.11.22.1.HT	BT40-FMB22-100	22	48	100	19	M10	72,90 €	●
405.11.27.1.HT	BT40-FMB27-100	27	58	100	21	M12	77,50 €	●
405.11.32.1.HT	BT40-FMB32-100	32	78	100	24	M16	89,80 €	●

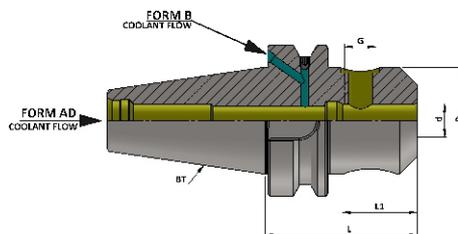
BT50 disponibile in 5 giorni ●
 AD/B disponibile in 5 giorni ●

End Mill Holder Weldon AD/B (AB/AF)

Mandrino Weldon AD/B (AB/AF)



 DIN6359/1835B	 A ↗ ≤0.005	 RPM G2.5/25000	 AD/B
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Code	Size	d	D	L	M	Screw Quantity	Euro	
406.04.06.HT	BT40 WE06 050	6	25	50	M6	1	59,80 €	●
406.04.08.HT	BT40 WE08 050	8	28	50	M8	1	57,10 €	●
406.04.10.HT	BT40 WE10 063	10	35	63	M10	1	57,10 €	●
406.04.12.HT	BT40 WE12 063	12	42	63	M12	1	57,10 €	●
406.04.16.HT	BT40 WE16 063	16	48	63	M14	1	57,10 €	●
406.04.20.HT	BT40 WE20 063	20	52	63	M16	1	57,10 €	●
406.04.25.HT	BT40 WE25 090	25	65	90	M18	2	64,20 €	●
406.04.32.HT	BT40 WE32 100	32	72	100	M20	2	69,90 €	●
406.04.40.HT	BT40 WE40 105	40	80	105	M20	2	76,70 €	●
406.04.06.1.HT	BT40 WE06 100	6	25	100	M6	1	70,60 €	●
406.04.08.1.HT	BT40 WE08 100	8	28	100	M8	1	66,70 €	●
406.04.10.1.HT	BT40 WE10 100	10	35	100	M10	1	66,30 €	●
406.04.12.1.HT	BT40 WE12 100	12	42	100	M12	1	66,30 €	●
406.04.16.1.HT	BT40 WE16 100	16	48	100	M14	1	66,30 €	●
406.04.20.1.HT	BT40 WE20 100	20	52	100	M16	1	66,30 €	●
406.04.25.1.HT	BT40 WE25 130	25	65	130	M18	2	141,90 €	●
406.04.32.1.HT	BT40 WE32 130	32	72	130	M20	2	149,10 €	●

BT50 disponibile in 5 giorni ●

End Mill Holder Weldon with coolant Channels AD+B (AD/AF)

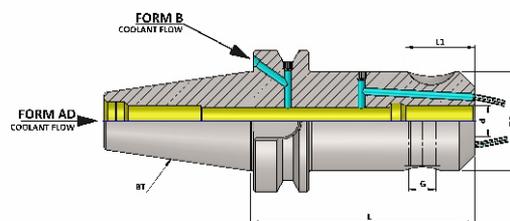
Mandrino Weldon con lub.frontale AD+B (AD/AF)


DIN6359/1835B


A ↗
≤0.005

RPM
G2.5/25000


AD/B



Code	Size	d	D1	D2	G	L	L1	L2	Screw Q.ty	Euro	
406.04.06.K.HT	BT40 WE06 050 K	6	25	-	M6	50	34	-	1	74,30 €	●
406.04.08.K.HT	BT40 WE08 050 K	8	28	-	M8	50	34	-	1	67,10 €	●
406.04.10.K.HT	BT40 WE10 063 K	10	35	-	M10	50	40	-	1	67,10 €	●
406.04.12.K.HT	BT40 WE12 063 K	12	42	-	M12	50	46	-	1	67,10 €	●
406.04.16.K.HT	BT40 WE16 063 K	16	48	-	M14	63	48	-	1	74,30 €	●
406.04.20.K.HT	BT40 WE20 063 K	20	52	-	M16	63	52	-	1	74,30 €	●
406.04.06.1.K.HT	BT40 WE06 100 K	6	25	36	M6	100	34	40	1	84,90 €	●
406.04.08.1.K.HT	BT40 WE08 100 K	8	28	38	M8	100	34	40	1	82,10 €	●
406.04.10.1.K.HT	BT40 WE10 100 K	10	35	40	M10	100	40	40	1	82,10 €	●
406.04.12.1.K.HT	BT40 WE12 100 K	12	42	-	M12	100	46	-	1	82,10 €	●
406.04.16.1.K.HT	BT40 WE16 100 K	16	48	-	M14	100	48	-	1	88,60 €	●
406.04.20.1.K.HT	BT40 WE20 100 K	20	52	-	M16	100	52	-	1	88,60 €	●
406.04.06.3.K.HT	BT40 WE06 160 K	6	25	36	M6	160	34	80	1	158,80 €	◐
406.04.08.3.K.HT	BT40 WE08 160 K	8	28	40	M8	160	34	80	1	147,30 €	◐
406.04.10.3.K.HT	BT40 WE10 160 K	10	35	40	M10	160	40	80	1	147,30 €	◐
406.04.12.3.K.HT	BT40 WE12 160 K	12	42	-	M12	160	46	-	1	147,30 €	◐
406.04.16.3.K.HT	BT40 WE16 160 K	16	48	-	M14	160	48	-	1	147,30 €	◐
406.04.20.3.K.HT	BT40 WE20 160 K	20	52	-	M16	160	52	-	1	147,30 €	◐

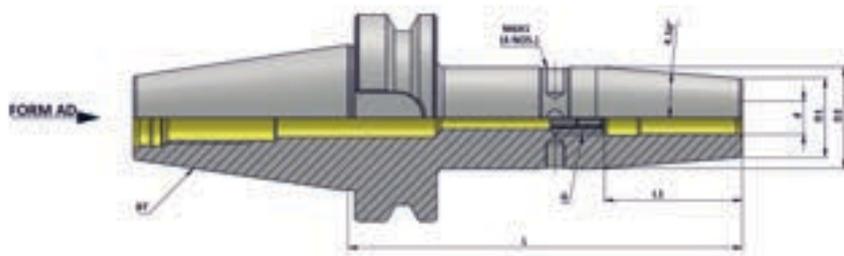
BT50 disponibile in 5 giorni ●

Shrink Fit Chuck, 4.5°, Standard AD

Mandrino a Calettare 4,5° AD

A ↗
≤0.003RPM
G2.5/25000

AD

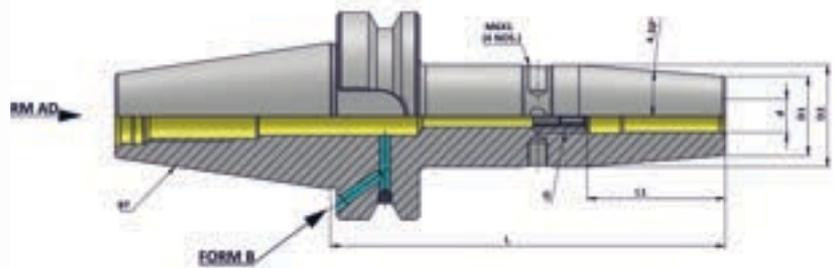


Code	Size	d	D1	D2	L	L1	G	Euro	
405.70.03.HT	BT40-SF03-80	3	15	20	80	12	-	162,90 €	🇮🇹
405.70.04.HT	BT40-SF04-80	4	15	20	80	14	-	127,50 €	🇮🇹
405.70.06.HT	BT40-SF06-90	6	21	27	90	36	M5	105,10 €	🇮🇹
405.70.08.HT	BT40-SF08-90	8	21	27	90	36	M6	105,10 €	🇮🇹
405.70.10.HT	BT40-SF10-90	10	24	31	90	41	M8x1	105,10 €	🇮🇹
405.70.12.HT	BT40-SF12-90	12	24	31	90	46	M10x1	105,10 €	🇮🇹
405.70.16.HT	BT40-SF16-90	16	27	34	90	49	M12x1	105,10 €	🇮🇹
405.70.20.HT	BT40-SF20-90	20	33	40	90	51	M16x1	105,10 €	🇮🇹
405.70.03.1.HT	BT40-SF03-120	3	15	20	120	12	-	191,10 €	🌐
405.70.04.1.HT	BT40-SF04-120	4	15	20	120	14	-	162,90 €	🌐
405.70.06.1.HT	BT40-SF06-120	6	21	27	120	36	M5	140,60 €	🌐
405.70.08.1.HT	BT40-SF08-120	8	21	27	120	36	M6	140,60 €	🌐
405.70.10.1.HT	BT40-SF10-120	10	24	32	120	41	M8x1	140,60 €	🌐
405.70.12.1.HT	BT40-SF12-120	12	24	32	120	46	M10x1	140,60 €	🌐
405.70.16.1.HT	BT40-SF16-120	16	27	34	120	49	M12x1	140,60 €	🌐
405.70.20.1.HT	BT40-SF20-120	20	33	42	120	51	M16x1	140,60 €	🌐

Lunghezza 160mm e 200mm disponibile in 20 giorni 🌐

Shrink Fit Chuck, 4.5°, Standard AD/B (AD/AF)**Mandrino a Calettare 4,5° AD/B (AD/AF)**A ↗
≤0.003RPM
G2.5/25000

AD/B

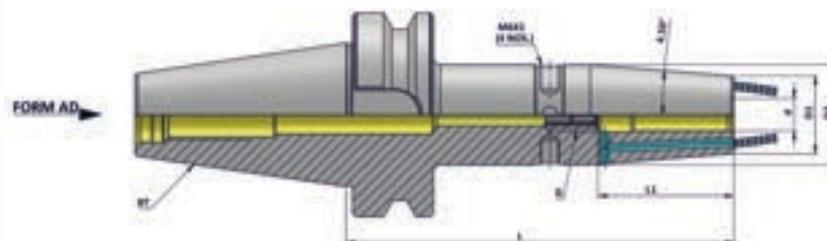


Code	Size	d	D1	D2	L	L1	G	Euro	
406.70.03.HT	BT40 SFH03 090 AD+B	3	10	20	90	12	-	184,00 €	●
406.70.04.HT	BT40 SFH04 090 AD+B	4	15	22	90	14	-	177,90 €	●
406.70.06.HT	BT40 SFH06 090 AD+B	6	21	27	90	36	M5	157,50 €	●
406.70.08.HT	BT40 SFH08 090 AD+B	8	21	27	90	36	M6	157,50 €	●
406.70.10.HT	BT40 SFH10 090 AD+B	10	24	31	90	41	M8x1	157,50 €	●
406.70.12.HT	BT40 SFH12 090 AD+B	12	24	31	90	46	M10x1	157,50 €	●
406.70.16.HT	BT40 SFH16 090 AD+B	16	27	34	90	49	M12x1	157,50 €	●
406.70.20.HT	BT40 SFH20 090 AD+B	20	33	40	90	51	M16x1	157,50 €	●
406.70.03.1.HT	BT40 SFH03 120 AD+B	3	10	20	120	12	-	210,40 €	●
406.70.04.1.HT	BT40 SFH04 120 AD+B	4	15	22	120	14	-	205,90 €	●
406.70.06.1.HT	BT40 SFH06 120 AD+B	6	21	27	120	36	M5	183,20 €	●
406.70.08.1.HT	BT40 SFH08 120 AD+B	8	21	27	120	36	M6	183,20 €	●
406.70.10.1.HT	BT40 SFH10 120 AD+B	10	24	32	120	41	M8x1	183,20 €	●
406.70.12.1.HT	BT40 SFH12 120 AD+B	12	24	32	120	46	M10x1	183,20 €	●
406.70.16.1.HT	BT40 SFH16 120 AD+B	16	27	34	120	49	M12x1	183,20 €	●
406.70.20.1.HT	BT40 SFH20 120 AD+B	20	33	42	120	51	M16x1	183,20 €	●

Lunghezza 160mm e 200mm disponibile in 5 giorni ●

Shrink Fit Chuck, 4.5°, Coolant AD**Mandrino a calettare 4.5°, 2 fori di lub. AD**

A ↗ ≤0.003	RPM G2.5/25000	AD
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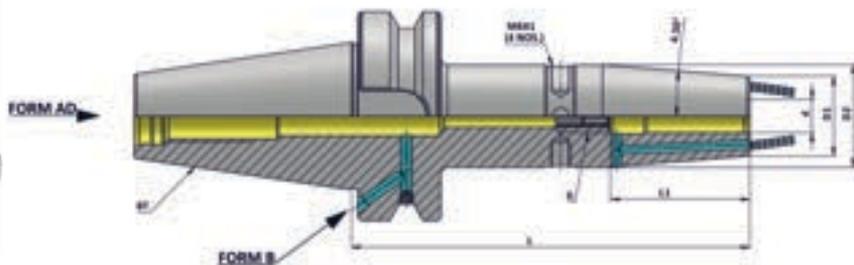


Code	Size	d	D	D1	L	L2	L1	N	G	Euro	
405.70.03.K.HT	BT40-SF03-80K	3	15	20	80	53	-	-	-	210,20 €	🇮🇹
405.70.04.K.HT	BT40-SF04-80K	4	15	20	80	53	-	-	-	174,80 €	🇮🇹
405.70.06.K.HT	BT40-SF06-90K	6	21	27	90	63	36	10	M5	140,60 €	🇮🇹
405.70.08.K.HT	BT40-SF08-90K	8	21	27	90	63	36	10	M6	140,60 €	🇮🇹
405.70.10.K.HT	BT40-SF10-90K	10	24	32	90	63	42	10	M8x1	140,60 €	🇮🇹
405.70.12.K.HT	BT40-SF12-90K	12	24	32	90	63	47	10	M10x1	140,60 €	🇮🇹
405.70.16.K.HT	BT40-SF16-90K	16	27	34	90	63	50	10	M12x1	140,60 €	🇮🇹
405.70.20.K.HT	BT40-SF20-90K	20	33	42	90	63	52	10	M16x1	140,60 €	🇮🇹
405.70.06.1.K.HT	BT40-SF06-120K	6	21	27	120	93	36	10	M5	174,80 €	🇮🇹
405.70.08.1.K.HT	BT40-SF08-120K	8	21	27	120	93	36	10	M6	174,80 €	🇮🇹
405.70.10.1.K.HT	BT40-SF10-120K	10	24	32	120	93	42	10	M8x1	174,80 €	🇮🇹
405.70.12.1.K.HT	BT40-SF12-120K	12	24	32	120	93	47	10	M10x1	174,80 €	🇮🇹
405.70.16.1.K.HT	BT40-SF16-120K	16	27	34	120	93	50	10	M12x1	174,80 €	🇮🇹
405.70.20.1.K.HT	BT40-SF20-120K	20	33	42	120	93	52	10	M16x1	174,80 €	🇮🇹

Lunghezza 160mm e 200mm disponibile in 20 giorni 🇮🇹

Shrink Fit Chuck, 4.5°, Coolant AD/AF (AD/B)**Mandrino a calettare 4.5°, 2 fori di lub. ADAF**A ↗
≤0.003RPM
G2.5/25000

AD/B



Code	Size	d	D	D1	L	L2	L1	G	Euro	
406.70.03.K.HT	BT40 SFH03 090 FCC AD+B	3	15	20	80	53	-	-	217,20 €	☐
406.70.04.K.HT	BT40 SFH04 090 FCC AD+B	4	15	20	80	53	-	-	211,30 €	☐
406.70.06.K.HT	BT40 SFH06 090 FCC AD+B	6	21	27	90	63	36	M5	190,80 €	☐
406.70.08.K.HT	BT40 SFH08 090 FCC AD+B	8	21	27	90	63	36	M6	190,80 €	☐
406.70.10.K.HT	BT40 SFH10 090 FCC AD+B	10	24	32	90	63	42	M8x1	190,80 €	☐
406.70.12.K.HT	BT40 SFH12 090 FCC AD+B	12	24	32	90	63	47	M10x1	190,80 €	☐
406.70.16.K.HT	BT40 SFH16 090 FCC AD+B	16	27	34	90	63	50	M12x1	190,80 €	☐
406.70.20.K.HT	BT40 SFH20 090 FCC AD+B	20	33	42	90	63	52	M16x1	190,80 €	☐
406.70.03.1.K.HT	BT40 SFH03 120 FCC AD+B	3	15	20	120	53	-	-	243,80 €	☐
406.70.04.1.K.HT	BT40 SFH04 120 FCC AD+B	4	15	20	120	53	-	-	239,30 €	☐
406.70.06.1.K.HT	BT40 SFH06 120 FCC AD+B	6	21	27	120	93	36	M5	216,50 €	☐
406.70.08.1.K.HT	BT40 SFH08 120 FCC AD+B	8	21	27	120	93	36	M6	216,50 €	☐
406.70.10.1.K.HT	BT40 SFH10 120 FCC AD+B	10	24	32	120	93	42	M8x1	216,50 €	☐
406.70.12.1.K.HT	BT40 SFH12 120 FCC AD+B	12	24	32	120	93	47	M10x1	216,50 €	☐
406.70.16.1.K.HT	BT40 SFH16 120 FCC AD+B	16	27	34	120	93	50	M12x1	216,50 €	☐
406.70.20.1.K.HT	BT40 SFH20 120 FCC AD+B	20	33	42	120	93	52	M16x1	216,50 €	☐

Lunghezza 160mm e 200mm disponibile in 20 giorni ☐

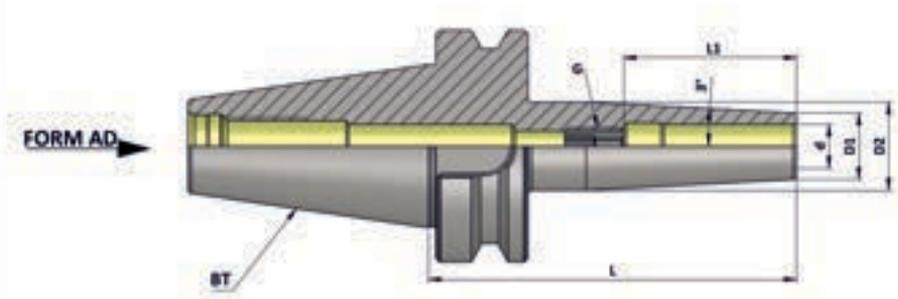
Shrink Fit Chuck, Slim, 3°,AD

Mandrino a Calettare SLIM 3°,AD

A ↗
≤0.003

RPM
G2.5/25000

AD



Code	Size	d	D1	D2	L	L1	G	Euro
405.72.03.HT	BT40-SFS03-90	3	9	15.3	90	-	-	157,70 €
405.72.04.HT	BT40-SFS04-90	4	10	16.3	90	-	-	122,20 €
405.72.06.HT	BT40-SFS06-90	6	12	18.3	90	36	M5	105,10 €
405.72.08.HT	BT40-SFS08-90	8	14	20.3	90	36	M6	105,10 €
405.72.10.HT	BT40-SFS10-90	10	16	22.3	90	42	M8x1	105,10 €
405.72.12.HT	BT40-SFS12-90	12	18	24.3	90	47	M10x1	105,10 €
405.72.16.HT	BT40-SFS16-90	16	22	28.3	90	50	M12x1	105,10 €
405.72.03.1.HT	BT40-SFS03-120	3	9	18.3	120	-	-	193,20 €
405.72.04.1.HT	BT40-SFS04-120	4	10	19.3	120	-	-	162,90 €
405.72.06.1.HT	BT40-SFS06-120	6	12	21.3	120	36	M5	140,60 €
405.72.08.1.HT	BT40-SFS08-120	8	14	23.3	120	36	M6	140,60 €
405.72.10.1.HT	BT40-SFS10-120	10	16	25.3	120	42	M8x1	140,60 €
405.72.12.1.HT	BT40-SFS12-120	12	18	27.3	120	47	M10x1	140,60 €
405.72.16.1.HT	BT40-SFS16-120	16	22	31.3	120	50	M12x1	140,60 €

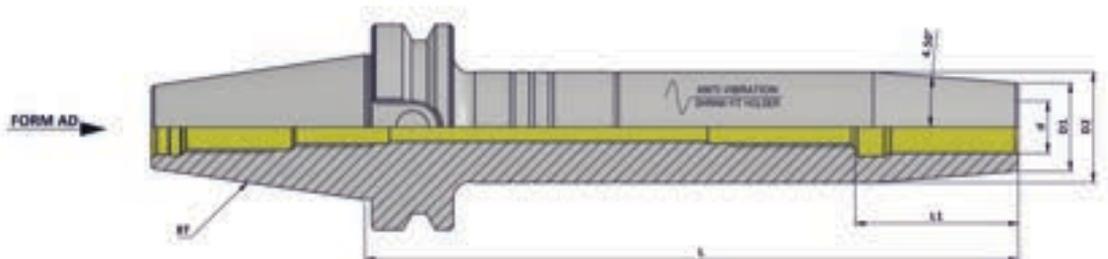
Lunghezza 160mm e 200mm disponibile in 20 giorni

Shrink fit Holder Anti-vibration ,4,5° AD/AF

Mandrino a Calettare Anti-Vibrante ,4,5° AD/AF

A ↗
≤0.01

AD



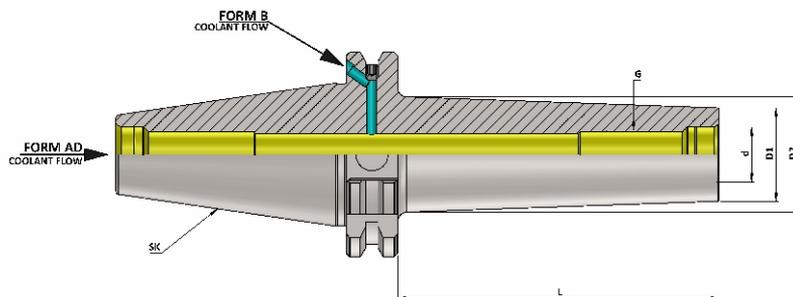
Code	Size	d	D2	D1	L	L1	Euro
406.75.16.HT	SK40 SFH16 200 AD/AV	16	27	34	200	49	607,00 €
406.75.16.1.HT	SK40 SFH16 250 AD/AV	16	27	34	250	49	830,20 €
406.75.16.2.HT	SK40 SFH16 300 AD/AV	16	27	34	300	49	978,00 €
406.75.20.HT	SK40 SFH20 200 AD/AV	20	33	40	200	51	607,00 €
406.75.20.1.HT	SK40 SFH20 250 AD/AV	20	33	40	250	51	830,20 €
406.75.20.2.HT	SK40 SFH20 300 AD/AV	20	33	40	300	51	978,00 €
406.75.25.HT	SK40 SFH25 200 AD/AV	25	44	53	200	57	607,00 €
406.75.25.1.HT	SK40 SFH25 250 AD/AV	25	44	53	250	57	830,20 €
406.75.25.2.HT	SK40 SFH25 300 AD/AV	25	44	53	300	57	978,00 €
406.75.32.HT	SK40 SFH32 200 AD/AV	32	44	53	200	61	607,00 €
406.75.32.1.HT	SK40 SFH32 250 AD/AV	32	44	53	250	61	830,20 €
406.75.32.2.HT	SK40 SFH32 300 AD/AV	32	44	53	300	61	978,00 €



Milling Cutter Arbor AD/AF

Mandrino per testine fill. (AD+B)(AD/AF)

A ↗ ≤0.003	RPM G2.5/25000	AD/B
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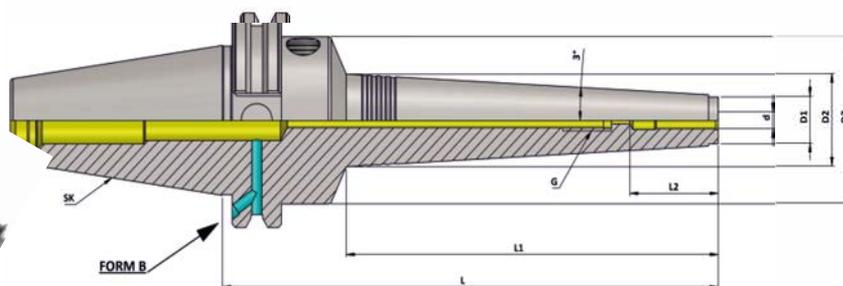
Code	Size	d	D1	D2	G	L	Euro
406.06.06.HT	BT40 MCA06 025 AD+B	6.5	10	13	M6	25	127,70 €
406.06.06.1.HT	BT40 MCA06 050 AD+B	6.5	10	20	M6	50	147,30 €
406.06.06.2.HT	BT40 MCA06 075 AD+B	6.5	10	23	M6	75	155,00 €
406.06.08.HT	BT40 MCA08 025 AD+B	8.5	13	15	M8	25	126,60 €
406.06.08.1.HT	BT40 MCA08 050 AD+B	8.5	13	23	M8	50	147,60 €
406.06.08.2.HT	BT40 MCA08 075 AD+B	8.5	13	23	M8	75	161,20 €
406.06.08.3.HT	BT40 MCA08 100 AD+B	8.5	13	25	M8	100	174,80 €
406.06.10.HT	BT40 MCA10 025 AD+B	10.5	18	20	M10	25	134,30 €
406.06.10.1.HT	BT40 MCA10 050 AD+B	10.5	18	23	M10	50	139,70 €
406.06.10.2.HT	BT40 MCA10 075 AD+B	10.5	18	28	M10	75	161,20 €
406.06.10.3.HT	BT40 MCA10 100 AD+B	10.5	18	32	M10	100	179,70 €
406.06.12.HT	BT40 MCA12 025 AD+B	12.5	21	24	M12	25	134,70 €
406.06.12.1.HT	BT40 MCA12 050 AD+B	12.5	21	24	M12	50	144,90 €
406.06.12.2.HT	BT40 MCA12 075 AD+B	12.5	21	31	M12	75	161,20 €
406.06.12.3.HT	BT40 MCA12 100 AD+B	12.5	21	33	M12	100	167,30 €
406.06.12.4.HT	BT40 MCA12 125 AD+B	12.5	21	36	M12	125	203,30 €
406.06.16.HT	BT40 MCA16 025 AD+B	17.0	29	29	M16	25	139,70 €
406.06.16.1.HT	BT40 MCA16 050 AD+B	17.0	29	34	M16	50	147,30 €
406.06.16.2.HT	BT40 MCA16 075 AD+B	17.0	29	34	M16	75	161,20 €
406.06.16.3.HT	BT40 MCA16 100 AD+B	17.0	29	36	M16	100	171,90 €
406.06.16.4.HT	BT40 MCA16 125 AD+B	17.0	29	40	M16	125	215,60 €
406.06.16.5.HT	BT40 MCA16 150 AD+B	17.0	29	42.5	M16	150	215,50 €

Hydraulic Expansion Chuck SLIM 3° AD/AF

Mandrino Idraulico SLIM 3° AD/AF

A ↗
≤0.003RPM
G2.5/25000

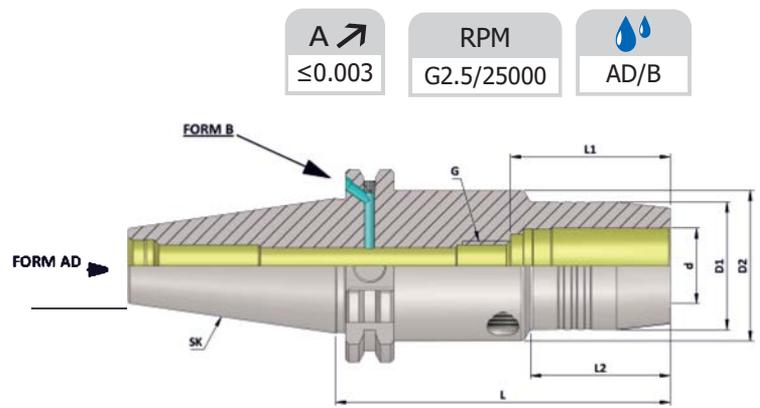
AD/F



Code	Description	d	D1	D2	D3	G	L	L1	L2	Euro
405.H03.075.SL.HT	BT40 H03 075 SLIM	3	11	14.0	46	-	75	28	28	526,00 €
405.H03.090.SL.HT	BT40 H03 090 SLIM	3	11	14.9	46	-	90	37	28	526,00 €
405.H03.135.SL.HT	BT 40 H03 135 SLIM	3	11	19.9	46	-	135	84	28	544,80 €
405.H04.075.SL.HT	BT40 H04 075 SLIM	4	11	14.0	46	-	75	28	28	526,00 €
405.H04.090.SL.HT	BT40 H04 090 SLIM	4	11	14.9	46	-	90	37	28	526,00 €
405.H04.135.SL.HT	BT40 H04 135 SLIM	4	11	19.9	46	-	135	84	28	544,80 €
405.H06.090.SL.HT	BT40 H06 090 SLIM	6	13	17.0	46	M5	90	38	37	469,70 €
405.H06.135.SL.HT	BT40 H06 135 SLIM	6	13	21.9	46	M5	135	84	37	488,30 €
405.H06.150.SL.HT	BT40 H06 150 SLIM	6	13	23.4	46	M5	150	99	37	537,20 €
405.H06.165.SL.HT	BT40 H06 165 SLIM	6	13	25.0	46	M5	165	114	37	610,50 €
405.H06.180.SL.HT	BT40 H06 180 SLIM	6	13	26.7	46	M5	180	130	37	676,30 €
405.H08.090.SL.HT	BT40 H08 090 SLIM	8	15	19.0	46	M6	90	38	37	469,70 €
405.H08.135.SL.HT	BT40 H08 135 SLIM	8	15	23.9	46	M6	135	84	37	488,30 €
405.H08.150.SL.HT	BT40 H08 150 SLIM	8	15	25.4	46	M6	150	99	37	537,20 €
405.H08.165.SL.HT	BT40 H08 165 SLIM	8	15	27.0	46	M6	165	114	37	610,50 €
405.H08.180.SL.HT	BT40 H08 180 SLIM	8	15	28.7	46	M6	180	130	37	676,30 €
405.H10.105.SL.HT	BT40 H10 105 SLIM	10	17	22.6	46	MS	105	53	41	469,70 €
405.H10.135.SL.HT	BT40 H10 135 SLIM	10	17	25.9	46	MS	135	84	41	488,30 €
405.H10.150.SL.HT	BT40 H10 150 SLIM	10	17	27.4	46	MS	150	99	41	537,20 €
405.H10.165.SL.HT	BT40 H10 165 SLIM	10	17	29.0	46	MS	165	114	41	610,50 €
405.H10.180.SL.HT	BT40 H10 180 SLIM	10	17	30.7	46	MS	180	130	41	676,30 €
405.H12.105.SL.HT	BT40 H12 105 SLIM	12	19	24.6	46	MS	105	53	46	469,70 €
405.H12.135.SL.HT	BT40 H12 135 SLIM	12	19	27.9	46	MS	135	84	46	488,30 €
405.H12.150.SL.HT	BT40 H12 150 SLIM	12	19	29.4	46	MS	150	99	46	537,20 €
405.H12.165.SL.HT	BT40 H12 165 SLIM	12	19	31.0	46	MS	165	114	46	610,50 €
405.H12.180.SL.HT	BT40 H12 180 SLIM	12	19	32.7	46	MS	180	130	46	676,30 €
405.H16.135.SL.HT	BT40 H16 135 SLIM	16	23	31.9	52.5	M12	135	84	49	488,30 €
405.H16.165.SL.HT	BT40 H16 165 SLIM	16	23	35.0	52.5	M12	165	114	49	610,50 €
405.H16.180.SL.HT	BT40 H16 180 SLIM	16	23	36.6	52.5	M12	180	129	49	676,30 €
405.H20.135.SL.HT	BT40 H20 135 SLIM	20	28	36.9	60	M16	135	84	51	488,30 €
405.H20.165.SL.HT	BT40 H20 165 SLIM	20	28	40.0	60	M16	165	114	51	610,50 €
405.H20.180.SL.HT	BT40 H20 180 SLIM	20	28	41.6	60	M16	180	129	51	676,30 €

Hydraulic Expansion Chuck AD/AF

Mandrino Idraulico AD/AF



Tool Holder JIS B 6339

Code	Description	d	D1	D2	G	L	L1	L2	Euro
405.H06.090.HT	BT40 HC06 090	6	26	49.5	M5	80.5	37	29.5	293,40 €
405.H06.140.HT	BT40 HC06 140	6	26	49.5	M5	110	37	29	506,60 €
405.H08.090.HT	BT40 HC08 090	8	28	49.5	M6	80.5	37	30	287,40 €
405.H08.140.HT	BT40 HC08 140	8	28	49.5	M6	110	37	30	506,60 €
405.H10.090.HT	BT40 HC10 090	10	30	49.5	MB	80.5	41	35	287,40 €
405.H10.140.HT	BT40 HC10 140	10	30	49.5	MB	110	41	35	506,60 €
405.H12.090.HT	BT40 HC12 090	12	32	49.5	M10	80.5	46	40	287,40 €
405.H12.140.HT	BT40 HC12 140	12	32	49.5	M10	110	46	40	506,60 €
405.H14.090.HT	BT40 HC14 090	14	34	49.5	M10	80.5	46	40	287,40 €
405.H14.140.HT	BT40 HC14 140	14	34	49.5	M10	110	46	40	506,60 €
405.H16.090.HT	BT40 HC16 090	16	38	49.5	M12	80.5	49	45	287,40 €
405.H16.140.HT	BT40 HC16 140	16	38	49.5	M12	110	49	45	506,60 €
405.H18.090.HT	BT40 HC18 090	18	40	49.5	M12	80.5	49	46	287,40 €
405.H18.140.HT	BT40 HC18 140	18	40	49.5	M12	110	49	46	506,60 €
405.H20.090.HT	BT40 HC20 090	20	42	49.5	M16	80.5	51	47	287,40 €
405.H20.140.HT	BT40 HC20 140	20	42	49.5	M16	110	51	47	506,60 €
405.H25.090.HT	BT40 HC25 090	25	55	63	M16	95	57	28	287,40 €
405.H25.140.HT	BT40 HC25 140	25	55	63	M16	110	57	28	506,60 €
405.H32.090.HT	BT40 HC32 090	32	63	70	M16	95	61	25.5	287,40 €

Hydraulic Collet Set

Set Mandrino idraulico con riduzioni



Code	Hydraulic chuck	Hydraulic Collet	Collet Quantity	key Size	Euro
40.H20.SRD	BT40-HY20-90	HY20-6.8.10.12.16	5pcs	5L	518.00 €

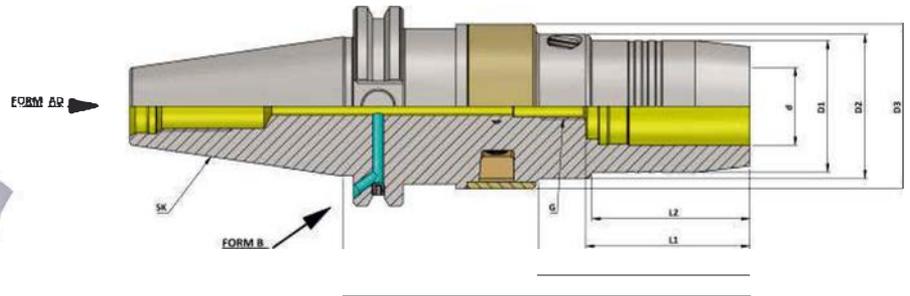
Hydraulic Expansion Chuck with "Run Out" adjustment

Mandrino Idraulico con regolazione assiale

A ↗
≤0.003

RPM
G2.5/25000

AD



Code	Description	d	D1	D2	D3	G	L	L1	L2	L3	Euro
405.H20.RA.HT	BT40 HC20 120	20	42	46	52.5	MB	130	51	50	67.5	713,80 €
405.H32.RA.HT	BT40 HC32 140	32	42	46	52.5	MB	150	51	50	67.5	845,30 €
505.H20.RA.HT	BT50 HC20 130	20	42	46	52.5	MB	110	51	50	67.5	845,30 €
505.H32.RA.HT	BT50 HC32 150	32	42	46	52.5	MB	125	51	50	67.5	939,30 €

Hydraulic Expansion Chuck Heavy Duty power AD/AF

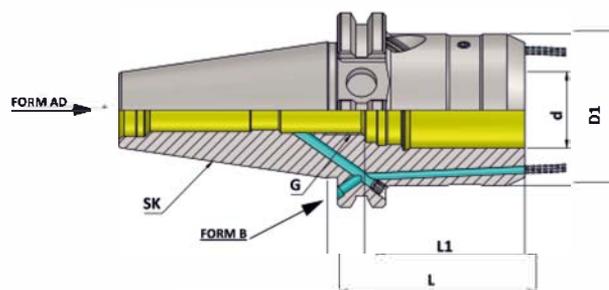
**HEAVY DUTY
POWER**

Mandrino Idraulico per impieghi gravosi AD/AF

A ↗
≤0.003

RPM
G2.5/25000

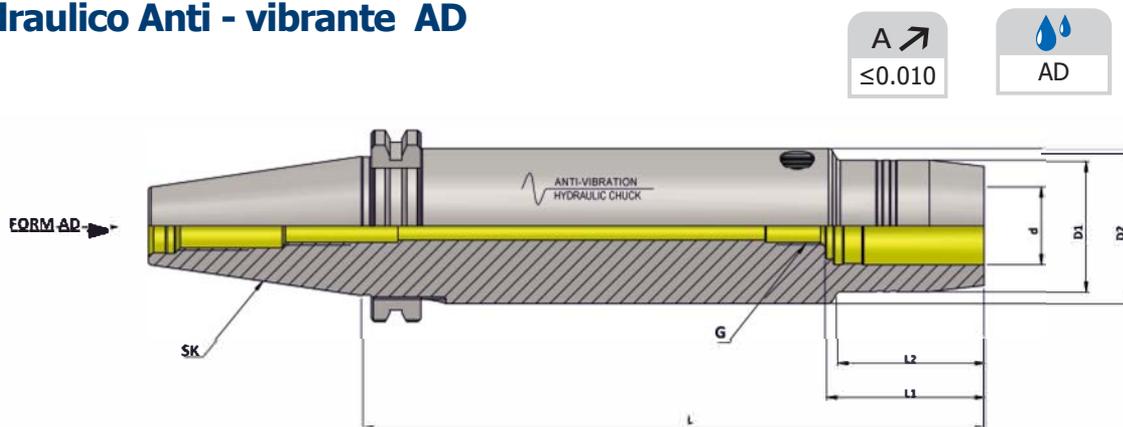
AD/B



Code	Description	ISO	d	D1	G	L	L1	Euro
305.H12.HD.HT	BT30 HC12S 069 FCC	30	12	42	M10	69	40	220,90 €
305.H20.HD.HT	BT30 HC20S 090 FCC	30	20	50	M16	90	42	220,90 €
405.H12.HD.HT	BT40 HC12S 058 FCC	40	12	42	M10	58	40	255,40 €
405.H20.HD.HT	BT40 HC20S 72.5 FCC	40	20	50	M16	72.5	42	255,40 €
505.H12.HD.HT	BT50 HC12S 069 FCC	50	12	42	M10	69	40	281,80 €
505.H20.HD.HT	BT50 HC20S 083 FCC	50	20	50	M16	83	42	281,80 €
505.H32.HD.HT	BT50 HC32S 090 FCC	50	32	72	M16	90	55	288,00 €

Hydraulic Expansion Chuck Anti - Vibration AD

Mandrino Idraulico Anti - vibrante AD



Code	Description	d	D1	D2	G	L	L1	L2	Euro
405.HC20 200.AV.HT	BT40 HC20 200 AD/AV	20	42	49.5	M16	200	51	47	1.014,20 €
405.HC20 250.AV.HT	BT40 HC20 250 AD/AV	20	42	49.5	M16	250	51	47	1.333,50 €
405.HC20 300.AV.HT	BT40 HC20 300 AD/AV	20	42	49.5	M16	300	51	47	1.521,50 €
405.HC25 200.AV.HT	BT40 HC25 200 AD/AV	25	52	55	M16	200	57	50	1.061,30 €
405.HC25 250.AV.HT	BT40 HC25 250 AD/AV	25	52	55	M16	250	57	50	1.380,60 €
405.HC25 300.AV.HT	BT40 HC25 300 AD/AV	25	52	55	M16	300	57	50	1.568,40 €
405.HC32 200.AV.HT	BT40 HC32 200 AD/AV	32	62	63	M16	200	61	48	1.108,30 €
405.HC32 250.AV.HT	BT40 HC32 250 AD/AV	32	62	63	M16	250	61	48	1.427,60 €
405.HC32 300.AV.HT	BT40 HC32 300 AD/AV	32	62	63	M16	300	61	48	1.615,30 €

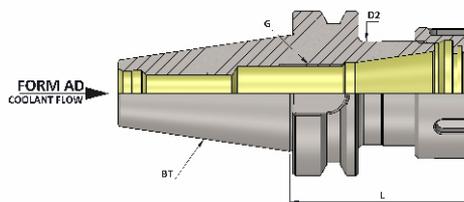


BRIGHTTOOLS ER Collet Chuck

Mandrino ER



DIN6499	A ≤ 0.003	RPM G2.5/25000	AD/B
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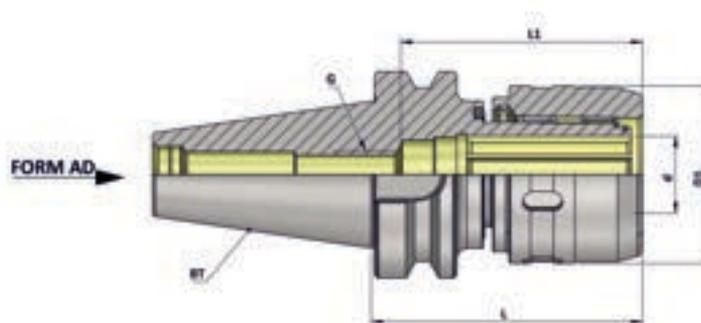
Code	Size	D	D1	L	Capacity	Euro	
506.02.10.HT	BT50 ER 16 080	32	-	80	0.5-10	130,20 €	●
506.02.10.1.HT	BT50 ER 16 100	32	28	100	0.5-10	159,20 €	●
506.02.10.2.HT	BT50 ER 16 160	32	28	160	0.5-10	212,60 €	●
506.02.16.HT	BT50 ER 25 080	42	-	80	1.0-16	129,60 €	●
506.02.16.1.HT	BT50 ER 25 100	42	40	100	1.0-16	160,60 €	●
506.02.16.2.HT	BT50 ER 25 160	42	40	160	1.0-16	212,80 €	●
506.02.20.HT	BT50 ER 32 080	50	-	80	2.0-20	133,90 €	●
506.02.20.1.HT	BT50 ER 32 100	50	45	100	2.0-20	185,90 €	●
506.02.20.2.HT	BT50 ER 32 160	50	45	160	2.0-20	212,80 €	●
506.02.26.HT	BT50 ER 40 080	63	-	80	3.0-26	135,20 €	●
506.02.26.1.HT	BT50 ER 40 100	63	-	100	3.0-26	189,00 €	●
506.02.26.2.HT	BT50 ER 40 160	63	60	160	3.0-26	217,30 €	●

BRIGHTTOOLS Power Milling Chuck

Mandrino Forte Serraggio



A ≤ 0.008	RPM G2.5/25000	AD
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Code	Size	d	D	L	Capacity	Euro	
505.64.20.S.HT	BT50-HC20-105	20	50	105	3-16; 20	341,10 €	●
505.64.32.S.HT	BT50-HC32-105	32	72	105	3-25; 32	438,40 €	●

Face Mill Holder

Mandrino Porta frese a trascinamento



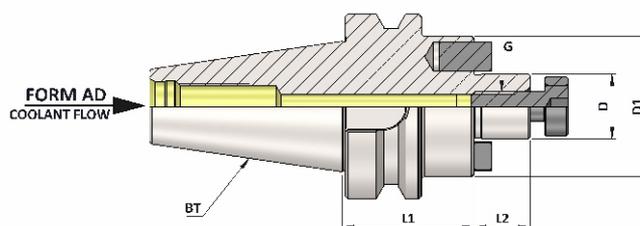
DIN6357



A ≤ 0.005


RPM
G6.3/15000



AD


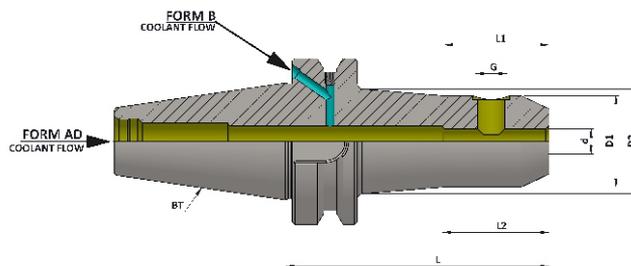
Code	Size	d	D	L	H	M	Euro	
505.11.16.HT	BT50 FMH16 060	16	38	60	17	M8	104,00 €	●
505.11.16.1.HT	BT50 FMH16 100	16	38	100	17	M8	118,40 €	●
505.11.16.2.HT	BT50 FMH16 160	16	38	160	17	M8	161,60 €	●
505.11.22.HT	BT50 FMH22 060	22	48	60	19	M10	104,00 €	●
505.11.22.1.HT	BT50 FMH22 100	22	48	100	19	M10	118,40 €	●
505.11.22.2.HT	BT50 FMH22 160	22	48	160	19	M10	158,40 €	●
505.11.27.HT	BT50 FMH27 060	27	58	60	21	M12	104,00 €	●
505.11.27.1.HT	BT50 FMH27 100	27	58	100	21	M12	118,40 €	●
505.11.27.2.HT	BT50 FMH27 160	27	58	160	21	M12	155,40 €	●
505.11.32.HT	BT50 FMH32 060	32	78	60	24	M16	110,40 €	●
505.11.32.1.HT	BT50 FMH32 100	32	78	100	24	M16	120,00 €	●
505.11.32.2.HT	BT50 FMH32 160	32	78	160	24	M16	174,40 €	●
505.11.40.HT	BT50 FMH40 060	40	88	60	27	M20	127,20 €	●
505.11.40.1.HT	BT50 FMH40 100	40	88	100	27	M20	146,40 €	●
505.11.40.2.HT	BT50 FMH40 160	40	88	160	27	M20	188,80 €	●

End Mill Holder Weldon AD/B (AB/AF)

Mandrino Weldon AD/B (AB/AF)



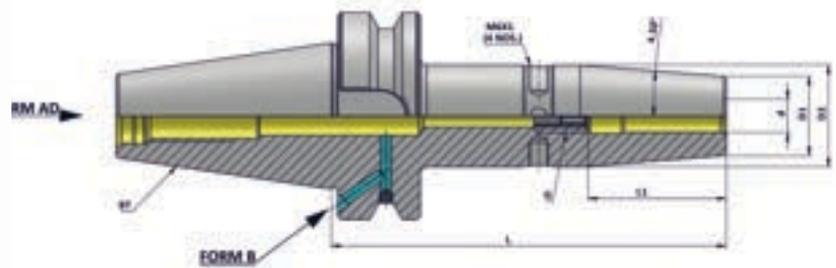
 DIN6359/1835B	 A \nearrow ≤ 0.005	 RPM G2.5/25000	 AD/B
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Code	Size	d	D1	D2	G	L	L1	L2	Screw	Euro
506.04.06.HT	BT50 WE06 063	6	25	-	M6	63	34	-	1	105,60 €
506.04.06.1.HT	BT50 WE06 100	6	25	36	M6	100	34	35	1	125,80 €
506.04.06.3.HT	BT50 WE06 160	6	25	43	M6	160	34	80	1	201,60 €
506.04.08.HT	BT50 WE08 063	8	28	-	M8	63	34	-	1	101,90 €
506.04.08.1.HT	BT50 WE08 100	8	28	38	M8	100	34	35	1	122,10 €
506.04.08.3.HT	BT50 WE08 160	8	28	46	M8	160	34	80	1	198,70 €
506.04.10.HT	BT50 WE10 080	10	35	-	M10	80	40	-	1	101,90 €
506.04.10.1.HT	BT50 WE10 100	10	35	42	M10	100	40	35	1	122,10 €
506.04.10.3.HT	BT50 WE10 160	10	35	49	M10	160	40	80	1	198,70 €
506.04.12.HT	BT50 WE12 080	12	42	-	M12	80	46	-	1	101,90 €
506.04.12.1.HT	BT50 WE12 100	12	42	48	M12	100	46	35	1	122,10 €
506.04.12.3.HT	BT50 WE12 160	12	42	55	M12	160	46	80	1	198,70 €
506.04.16.HT	BT50 WE16 080	16	48	-	M14	80	48	-	1	101,90 €
506.04.16.1.HT	BT50 WE16 100	16	48	54	M14	100	48	35	1	122,10 €
506.04.16.3.HT	BT50 WE16 160	16	48	60	M14	160	48	80	1	198,70 €
506.04.20.HT	BT50 WE20 080	20	52	-	M16	80	52	-	1	101,90 €
506.04.20.1.HT	BT50 WE20 100	20	52	65	M16	100	52	35	1	122,10 €
506.04.20.3.HT	BT50 WE20 160	20	52	66	M16	160	52	80	1	198,70 €
506.04.25.HT	BT50 WE25 100	25	65	-	M18	100	56	-	2	116,80 €
506.04.25.3.HT	BT50 WE25 160	25	65	-	M18	160	56	-	2	194,20 €
506.04.32.HT	BT50 WE32 105	32	72	-	M20	105	60	-	2	119,80 €
506.04.32.3.HT	BT50 WE32 160	32	72	-	M20	160	60	-	2	206,10 €
506.04.40.HT	BT50 WE40 115	40	80	-	M20	115	70	-	2	132,50 €
506.04.40.3.HT	BT50 WE40 160	40	80	-	M20	160	70	-	2	207,70 €

Shrink Fit Chuck, 4.5°, Standard AD/B (AD/AF)**Mandrino a Calettare 4,5° AD/B (AD/AF)**A ↗
≤0.003RPM
G2.5/25000

AD/B

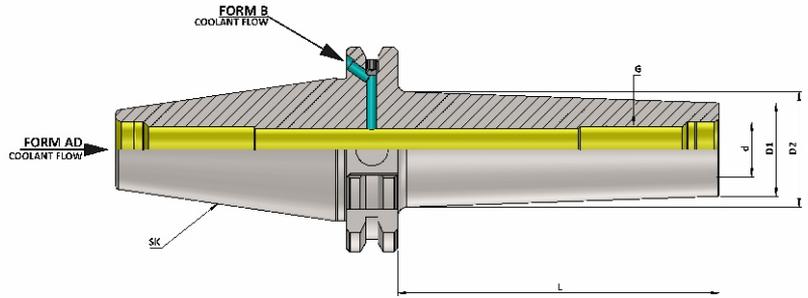


Code	Size	d	D1	D2	G	L	L1	Euro	
506.70.03.HT	BT50 SFH03 100	3	10	20	—	100	12	275,20 €	●
506.70.03.1.HT	BT50 SFH03 120	3	10	20	—	120	12	299,20 €	●
506.70.03.2.HT	BT50 SFH03 160	3	10	20	—	160	12	331,20 €	●
506.70.04.HT	BT50 SFH04 100	4	15	22	—	100	14	270,40 €	●
506.70.04.1.HT	BT50 SFH04 120	4	15	22	—	120	14	293,60 €	●
506.70.04.2.HT	BT50 SFH04 160	4	15	22	—	160	14	324,80 €	●
506.70.06.HT	BT50 SFH06 100	6	21	27	M5	100	36	248,80 €	●
506.70.06.1.HT	BT50 SFH06 120	6	21	27	M5	120	36	272,00 €	●
506.70.06.2.HT	BT50 SFH06 160	6	21	27	M5	160	36	300,80 €	●
506.70.08.HT	BT50 SFH08 100	8	21	27	M6	100	36	248,80 €	●
506.70.08.1.HT	BT50 SFH08 120	8	21	27	M6	120	36	272,00 €	●
506.70.08.2.HT	BT50 SFH08 160	8	21	27	M6	160	36	300,80 €	●
506.70.10.HT	BT50 SFH10 100	10	24	31	M8	100	41	248,80 €	●
506.70.10.1.HT	BT50 SFH10 120	10	24	31	M8	120	41	272,00 €	●
506.70.10.2.HT	BT50 SFH10 160	10	24	31	M8	160	41	300,80 €	●
506.70.12.HT	BT50 SFH12 100	12	24	31	M10	100	46	248,80 €	●
506.70.12.1.HT	BT50 SFH12 120	12	24	31	M10	120	46	272,00 €	●
506.70.12.2.HT	BT50 SFH12 160	12	24	31	M10	160	46	300,80 €	●
506.70.16.HT	BT50 SFH16 100	16	27	34	M12	100	49	248,80 €	●
506.70.16.1.HT	BT50 SFH16 120	16	27	34	M12	120	49	272,00 €	●
506.70.16.2.HT	BT50 SFH16 160	16	27	34	M12	160	49	300,80 €	●
506.70.20.HT	BT50 SFH20 100	20	33	40	M16	100	51	248,80 €	●
506.70.20.1.HT	BT50 SFH20 120	20	33	40	M16	120	51	272,00 €	●
506.70.20.2.HT	BT50 SFH20 160	20	33	40	M16	160	51	300,80 €	●

Milling Cutter Arbor AD/AF

Mandrino per testine fill. (AD+B)(AD/AF)

A ↗ ≤0.003	RPM G2.5/25000	AD/B
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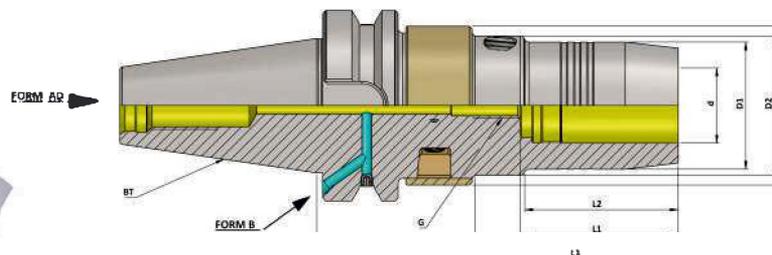


Code	Size	d	D1	D2	G	L	Euro
506.06.08.HT	BT50 MCA08 050	8.50	13	23.00	M8	50	188,20 €
506.06.08.1.HT	BT50 MCA08 100	8.50	13	25.00	M8	100	223,20 €
506.06.08.2.HT	BT50 MCA08 150	8.50	13	30.00	M8	150	259,20 €
506.06.10.HT	BT50 MCA10 050	10.50	18	23.00	M10	50	178,60 €
506.06.10.1.HT	BT50 MCA10 100	10.50	18	32.00	M10	100	219,20 €
506.06.10.2.HT	BT50 MCA10 150	10.50	18	36.50	M10	150	259,20 €
506.06.12.HT	BT50 MCA12 050	12.50	21	24.00	M12	50	177,60 €
506.06.12.1.HT	BT50 MCA12 100	12.50	21	33.00	M12	100	223,20 €
506.06.12.2.HT	BT50 MCA12 150	12.50	21	40.00	M12	150	259,20 €
506.06.16.HT	BT50 MCA16 050	17	29	34.00	M16	50	178,40 €
506.06.16.1.HT	BT50 MCA16 100	17	29	36.00	M16	100	223,20 €
506.06.16.2.HT	BT50 MCA16 150	17	29	42.50	M16	150	259,20 €

Hydraulic Expansion Chuck with "Run Out" adjustment

Mandrino Idraulico con regolazione assiale

A ↗ ≤0.003	RPM G2.5/25000	AD
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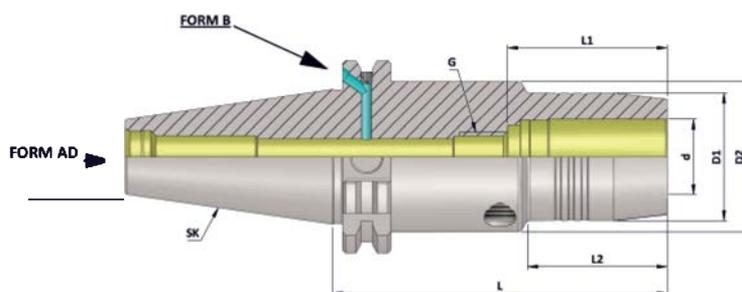


Code	Description	d	D1	D2	D3	G	L	L1	L2	L3	Euro
505.H20.RA.HT	BT50 HC20 130	20	42	46	52.5	MB	110	51	50	67.5	845,30 €
505.H32.RA.HT	BT50 HC32 150	32	42	46	52.5	MB	125	51	50	67.5	939,30 €

Hydraulic Expansion Chuck AD/AF

Mandrino Idraulico AD/AF

A ↗
≤0.003
RPM
G2.5/25000
AD/B



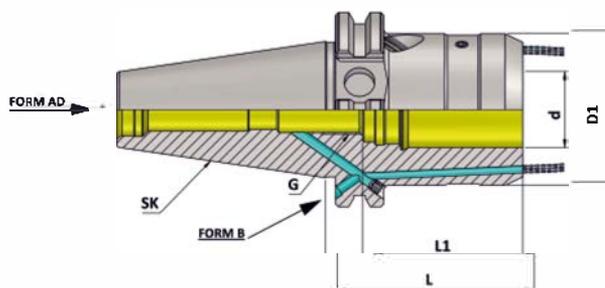
Code	Description	d	D1	D2	G	L	L1	L2	Euro
506.H.12.090.HT	BT50 HC12 090 AD+B	12	32	49.5	M10	90	46	34	409,30 €
506.H.12.140.HT	BT50 HC12 140 AD+B	12	32	49.5	M10	140	46	40	545,60 €
506.H.20.090.HT	BT50 HC20 090 AD+B	20	42	49.5	M16	90	51	35	409,30 €
506.H.20.140.HT	BT50 HC20 140 AD+B	20	42	49.5	M16	140	51	42	545,60 €
506.H.25.110.HT	BT50 HC25 110 AD+B	25	55	63	M16	110	57	48	409,30 €
506.H.25.140.HT	BT50 HC25 140 AD+B	25	55	63	M16	140	57	48	545,60 €
506.H.32.110.HT	BT50 HC32 110 AD+B	32	63	70	M16	110	61	50	409,30 €
506.H.32.140.HT	BT50 HC32 140 AD+B	32	63	70	M16	140	61	50	545,60 €

Hydraulic Expansion Chuck Heavy Duty power AD/AF

**HEAVY DUTY
POWER**

Mandrino Idraulico per impieghi gravosi AD/AF

A ↗
≤0.003
RPM
G2.5/25000
AD/B



Code	Description	ISO	d	D1	G	L	L1	Euro
505.H12.HD.HT	BT50 HC12S 069 FCC	50	12	42	M10	69	40	281,80 €
505.H20.HD.HT	BT50 HC20S 083 FCC	50	20	50	M16	83	42	281,80 €
505.H32.HD.HT	BT50 HC32S 090 FCC	50	32	72	M16	90	55	288,00 €