

CATALOGO
KATALOG
CATALOGUE



PRÄZISIONS-SPANNWERKZEUGE HIGH PRECISION TOOLHOLDERS

HiTECH La tecnologia dei mandrini!

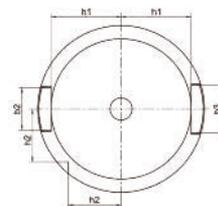
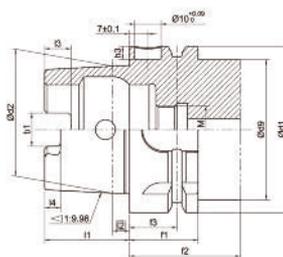
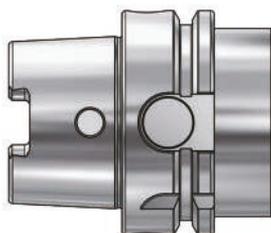


HiTECH
SEH
PRÄZISIONSWERKZEUGE

HSK-A Taper Standard

Cono HSK standard

Tool Holder DIN 69893 (ISO 12164) HSK-A



Size	d1	d2	d9	l1	l2	l3	l4	f1	f2	f3	h1	h2	h3	b1	b2	b3
HSK25A	25	19.006	20	13	2.5	4	2	10	20	4.5	10	7.5	-	6.05	6	7
HSK32A	32	24.007	26	16	3.2	5	3	20	35	16	13	9.5	5.4	7.05	7	9
HSK40A	40	30.007	34	20	4	6	3.5	20	35	16	17	12	5.2	8.05	9	11
HSK50A	50	38.009	42	25	5	7.5	4.5	26	42	18	21	15.5	5.1	10.54	12	14
HSK63A	63	48.010	53	32	6.3	10	6	26	42	18	26.5	20	5.0	12.54	16	18
HSK80A	80	60.012	68	40	8	12	8	26	42	18	34	25	4.9	16.04	18	20
HSK100A	100	75.013	88	50	10	15	10	29	45	20	44	31.5	4.9	20.02	20	22

Taper standard/Standard cono: DIN 69893; ISO 12164

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 μm

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



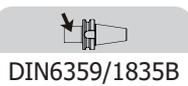
Socket type according to DIN6499
tipologia di presa secondo DIN6499



Run Out less than 0.003
Run Out inferiore a 0.003



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

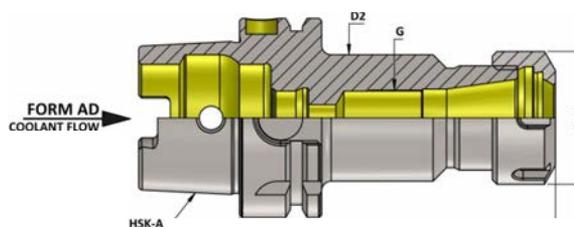


Socket type according to DIN6359
tipologia di presa secondo DIN6359

Disponibile magazzino Italia
 Disponibile in 48 ore
 Disponibile in 5giorni
 Disponibile in 20giorni

ER Collet Chuck

Mandrino ER

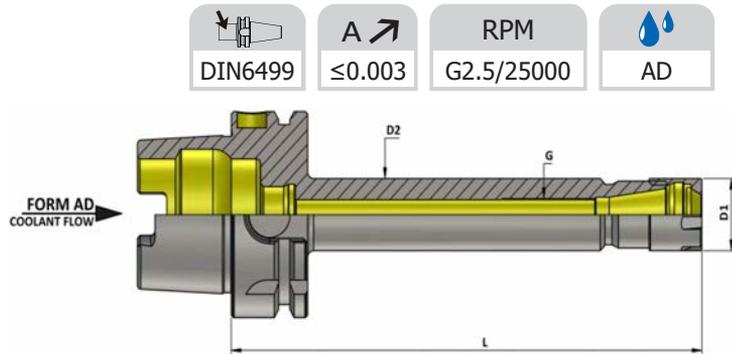


Code	Size	D1	D2	L1	Capacity	Euro	
A63.02.16.HT	HSK-A 63 ER 25 75	42	40	75	1.0-16	94,00 €	
A63.02.20.HT	HSK-A 63 ER 32 75	50	48	75	2.0-20	94,00 €	
A63.02.10.0.HT	HSK-A 63 ER 16 100	32	28	100	0.5-10	100,30 €	
A63.02.16.0.HT	HSK-A 63 ER 25 100	42	40	100	1.0-16	101,90 €	
A63.02.20.0.HT	HSK-A 63 ER 32 100	50	48	100	2.0-20	105,00 €	
A63.02.26.0.HT	HSK-A 63 ER 40 120	63	-	120	3.0-26	144,90 €	
A63.02.10.1.HT	HSK-A 63 ER 16 160	32	28	160	0.5-10	175,90 €	
A63.02.16.1.HT	HSK-A 63 ER 25 160	42	40	160	1.0-16	171,60 €	
A63.02.20.1.HT	HSK-A 63 ER 32 160	50	48	160	2.0-20	175,90 €	
A63.02.26.1.HT	HSK-A 63 ER 40 160	63	-	160	3.0-26	181,70 €	

HSK100 disponibili in 20 giorni

ER MINI Collet Chuck

Mandrino MINI ER

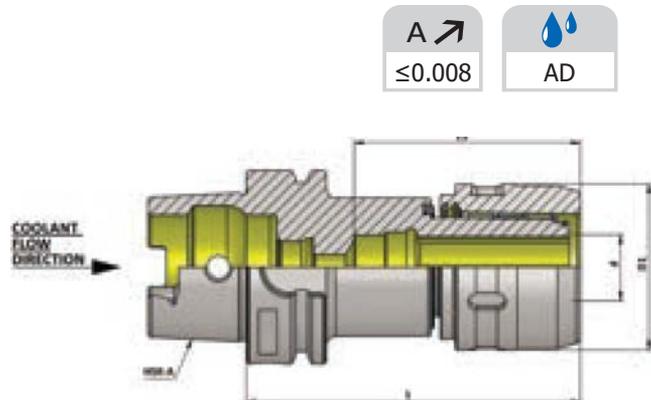


Code	Size	D1	D2	L1	Capacity	Euro
A63.02.07.1.HT	HSK63A-ER11M-100	16	16	100	1-7	146,70 €
A63.02.07.10.1.HT	HSK63A-ER16M-100	22	22	100	1-10	146,70 €
A63.02.07.2.HT	HSK63A-ER11M-160T	16	16	160	1-7	167,40 €
A63.02.07.10.2.HT	HSK63A-ER16M-160T	22	22	160	1-10	167,40 €

HSK100 disponibili in 20 giorni

Power Milling Chuck

Mandrino Forte Serraggio



Code	Size	d	D	L	Capacity	Euro
A63.64.20.S.HT	HSK63A-HC20-100	20	50	100	3-16; 20	290,70 €
A63.64.25.S.HT	HSK63A-HC25-100	25	59	100	3-20; 25	295,00 €
A63.64.32.S.HT	HSK63A-HC32-120	32	72	120	3-25; 32	299,30 €

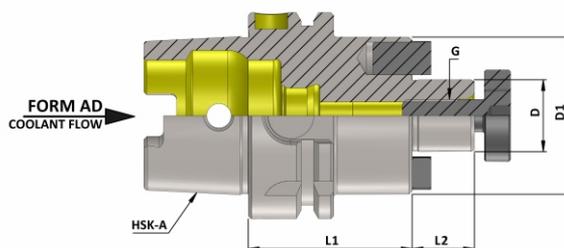
HSK100 disponibili in 20 giorni

Face Mill Holder

Mandrino porta frese a trascinamento



DIN6357	A \nearrow ≤ 0.005	RPM G2.5/25000	AD
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Code	Size	d	D1	L1	L2	G	Euro
A63.11.16.HT	HSK-A 63 FMH16 045	16	38	45	17	M8 X 1.25P	167,80 € ●
A63.11.22.HT	HSK-A 63 FMH22 050	22	48	50	19	M10 X 1.5P	167,80 € ●
A63.11.27.HT	HSK-A 63 FMH27 055	27	58	55	21	M12 X 1.75P	180,50 € ●
A63.11.32.HT	HSK-A 63 FMH32 060	32	78	60	24	M16 X 2P	186,30 € ●
A63.11.16.1.HT	HSK-A 63 FMH16 100	16	38	100	17	M8 X 1.25P	199,10 € ●
A63.11.22.1.HT	HSK-A 63 FMH22 100	22	48	100	19	M10 X 1.5P	199,10 € ●
A63.11.27.1.HT	HSK-A 63 FMH27 100	27	58	100	21	M12 X 1.75P	212,00 € ●
A63.11.32.1.HT	HSK-A 63 FMH32 100	32	78	100	24	M16 X 2P	219,20 € ●

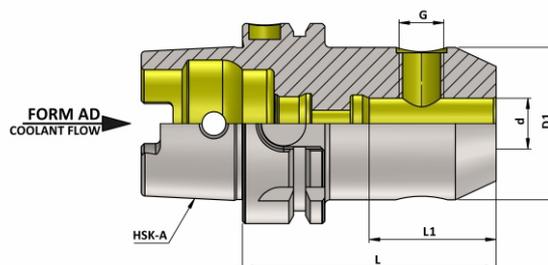
HSK100 disponibili in 20 giorni ●

End Mill Holder Weldon

Mandrino Weldon



 DIN6359/1835B	 A ↗ ≤0.005	RPM G2.5/25000	 AD
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Code	Size	d	D1	L	L1	G	Screw Q.ty	Euro	
A63.04.06.HT	HSK-A 63 WE06 065	6	25	65	34	M6	1	133,50 €	●
A63.04.08.HT	HSK-A 63 WE08 065	8	28	65	34	M8	1	133,50 €	●
A63.04.10.HT	HSK-A 63 WE10 065	10	35	65	40	M10	1	133,50 €	●
A63.04.12.HT	HSK-A 63 WE12 080	12	42	80	46	M12	1	133,50 €	●
A63.04.16.HT	HSK-A 63 WE16 080	16	48	80	48	M14	1	133,50 €	●
A63.04.20.HT	HSK-A 63 WE20 080	20	52	80	52	M16	1	133,50 €	●
A63.04.25.HT	HSK-A 63 WE25 110	25	65	110	56	M18X2	2	147,00 €	●
A63.04.32.HT	HSK-A 63 WE32 110	32	72	110	60	M20X2	2	154,80 €	●
A63.04.40.HT	HSK-A 63 WE40 125	40	80	125	70	M20X2	2	177,70 €	●
A63.04.06.1.HT	HSK-A 63 WE06 100	6	25	100	34	M6	1	157,00 €	●
A63.04.08.1.HT	HSK-A 63 WE08 100	8	28	100	34	M8	1	157,00 €	●
A63.04.10.1.HT	HSK-A 63 WE10 100	10	35	100	40	M10	1	157,00 €	●
A63.04.12.1.HT	HSK-A 63 WE12 100	12	42	100	46	M12	1	155,70 €	●
A63.04.16.1.HT	HSK-A 63 WE16 100	16	48	100	48	M14	1	155,70 €	●
A63.04.20.1.HT	HSK-A 63 WE20 100	20	52	100	52	M16	1	155,70 €	●
A63.04.25.1.HT	HSK-A 63 WE25 160	25	65	160	56	M18X2	2	224,00 €	●
A63.04.32.1.HT	HSK-A 63 WE32 160	32	72	160	60	M20X2	2	224,00 €	●

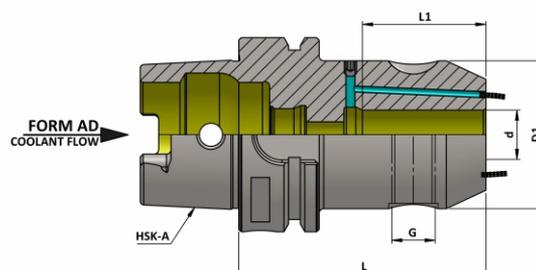
HSK100 disponibili in 20 giorni ●

End Mill Holder Weldon Coolant Channels

Mandrino Weldon con lub. frontale



 DIN6359/1835B	 A ↗ ≤0.005	 RPM G2.5/25000	 AD
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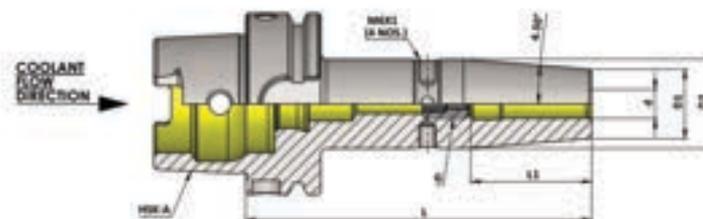


Code	Size	d	D1	G	L	L1	Screw Q.ty	Euro	
A63.04.06.K.HT	HSK-A 63 WE06 065 K	6	25	M6	50	34	1	148,40 €	●
A63.04.08.K.HT	HSK-A 63 WE08 065 K	8	28	M8	50	34	1	148,40 €	●
A63.04.10.K.HT	HSK-A 63 WE10 065 K	10	35	M10	50	40	1	148,40 €	●
A63.04.12.K.HT	HSK-A 63 WE12 080 K	12	42	M12	50	46	1	148,40 €	●
A63.04.16.K.HT	HSK-A 63 WE16 080 K	16	48	M14	63	48	1	148,40 €	●
A63.04.20.K.HT	HSK-A 63 WE20 080 K	20	52	M16	63	52	1	148,40 €	●
A63.04.06.1.K.HT	HSK-A 63 WE06 100 K	6	25	M6	100	34	1	178,80 €	●
A63.04.08.1.K.HT	HSK-A 63 WE08 100 K	8	28	M8	100	34	1	178,80 €	●
A63.04.10.1.K.HT	HSK-A 63 WE10 100 K	10	35	M10	100	40	1	178,80 €	●
A63.04.12.1.K.HT	HSK-A 63 WE12 100 K	12	42	M12	100	46	1	178,80 €	●
A63.04.16.1.K.HT	HSK-A 63 WE16 100 K	16	48	M14	100	48	1	178,80 €	●
A63.04.20.1.K.HT	HSK-A 63 WE20 100 K	20	52	M16	100	52	1	178,80 €	●
A63.04.06.3.K.HT	HSK-A 63 WE06 160 K	6	25	M6	160	34	1	226,40 €	◐
A63.04.08.3.K.HT	HSK-A 63 WE08 160 K	8	28	M8	160	34	1	226,40 €	◐
A63.04.10.3.K.HT	HSK-A 63 WE10 160 K	10	35	M10	160	40	1	226,40 €	◐
A63.04.12.3.K.HT	HSK-A 63 WE12 160 K	12	42	M12	160	34	1	226,40 €	◐
A63.04.16.3.K.HT	HSK-A 63 WE16 160 K	16	48	M14	160	46	1	226,40 €	◐
A63.04.20.3.K.HT	HSK-A 63 WE20 160 K	20	52	M16	160	52	1	226,40 €	◐

HSK100 disponibili in 20 giorni ◐

Shrink Fit Chuck, 4.5°, AD

Mandrino a Calettare, 4,5° AD



A ↗
≤0.003

RPM
G2.5/25000

AD

Code	Size	d	D	D1	L	L1	G	Euro	
A63.70.03.HT	HSK63A-SF03-80	3	15	20	80	-	-	245,70 €	🇮🇹
A63.70.04.HT	HSK63A-SF04-80	4	15	20	80	-	-	210,20 €	🇮🇹
A63.70.06..HT	HSK63A-SF06-80	6	21	26.5	80	36	M5	174,80 €	🇮🇹
A63.70.08.HT	HSK63A-SF08-80	8	21	26.5	80	36	M6	174,80 €	🇮🇹
A63.70.10.HT	HSK63A-SF10-85	10	24	30.5	85	42	M8x1	174,80 €	🇮🇹
A63.70.12.HT	HSK63A-SF12-90	12	24	31	90	47	M10x1	174,80 €	🇮🇹
A63.70.16.HT	HSK63A-SF16-95	16	27	34	95	50	M12x1	174,80 €	🇮🇹
A63.70.20.HT	HSK63A-SF20-100	20	33	42	100	52	M16x1	174,80 €	🇮🇹
A63.70.03.1.HT	HSK63A-SF03-120	3	15	20	120	-	-	279,90 €	🟢
A63.70.04.1.HT	HSK63A-SF04-120	4	15	20	120	-	-	245,70 €	🟢
A63.70.06.1.HT	HSK63A-SF06-120	6	21	27	120	36	M5	210,20 €	🟢
A63.70.08.1.HT	HSK63A-SF08-120	8	21	27	120	36	M6	210,20 €	🟢
A63.70.10.1.HT	HSK63A-SF10-120	10	24	32	120	42	M8x1	210,20 €	🟢
A63.70.12.1.HT	HSK63A-SF12-120	12	24	32	120	47	M10x1	210,20 €	🟢
A63.70.16.1.HT	HSK63A-SF16-120	16	27	34	120	50	M12x1	210,20 €	🟢
A63.70.20.1.HT	HSK63A-SF20-120	20	33	42	120	52	M16x1	210,20 €	🟢

Lunghezza 160mm isponibile in 5 giorni
 Lunghezza 200mm disponibile in 20 giorni
 HSK100 disponibili in 20 giorni

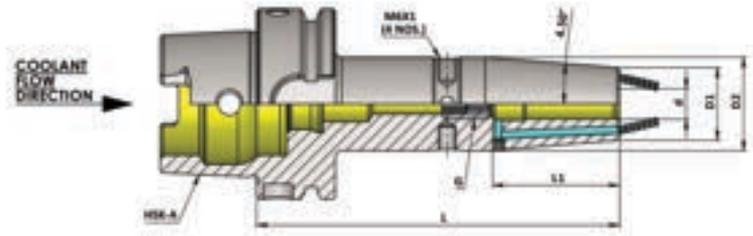


Shrink Fit Chuck, 4.5°, Coolant

Mandrino a Calettare 4,5°, 2 fori di lub .AD

 A ↗
 ≤0.003

 RPM
 G2.5/25000


 AD


Code	Size	d	D	D1	L	L1	N	G	Euro	
A63.70.03.K.HT	HSK63A-SF03-80K	3	15	20	80	-	-	-	279,90 €	●
A63.70.04.K.HT	HSK63A-SF04-80K	4	15	20	80	-	-	-	245,70 €	●
A63.70.06.K.HT	HSK63A-SF06-80K	6	21	26.5	80	36	10	M5	210,20 €	●
A63.70.08.K.HT	HSK63A-SF08-80K	8	21	26.5	80	36	10	M6	210,20 €	●
A63.70.10.K.HT	HSK63A-SF10-85K	10	24	30.5	85	42	10	M8x1	210,20 €	●
A63.70.12.K.HT	HSK63A-SF12-90K	12	24	31	90	47	10	M10x1	210,20 €	●
A63.70.16.K.HT	HSK63A-SF16-95K	16	27	34	95	50	10	M12x1	210,20 €	●
A63.70.20.K.HT	HSK63A-SF20-100K	20	33	42	100	52	10	M16x1	210,20 €	●
A63.70.03.1.K.HT	HSK63A-SF03-120K	3	15	20	120	-	-	-	315,40 €	●
A63.70.04.1.K.HT	HSK63A-SF04-120K	4	15	20	120	-	-	-	279,90 €	●
A63.70.06.1.K.HT	HSK63A-SF06-120K	6	21	27	120	36	10	M5	245,70 €	●
A63.70.08.1.K.HT	HSK63A-SF08-120K	8	21	27	120	36	10	M6	245,70 €	●
A63.70.10.1.K.HT	HSK63A-SF10-120K	10	24	32	120	42	10	M8x1	245,70 €	●
A63.70.12.1.K.HT	HSK63A-SF12-120K	12	24	32	120	47	10	M10x1	245,70 €	●
A63.70.16.1.K.HT	HSK63A-SF16-120K	16	27	34	120	50	10	M12x1	245,70 €	●
A63.70.20.1.K.HT	HSK63A-SF20-120K	20	33	42	120	52	10	M16x1	245,70 €	●

Lunghezza 160mm e 200mm disponibile 20 giorni
 HSK100 disponibili in 20 giorni

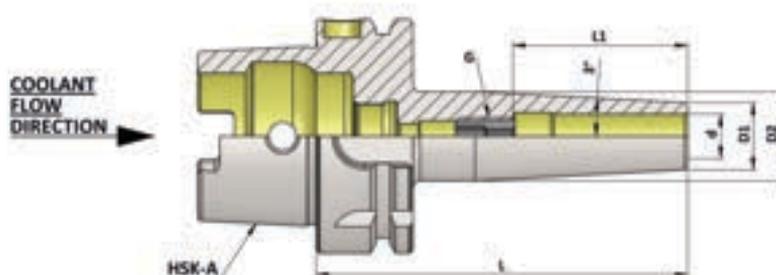


Shrink Fit Chuck, Slim, 3°

Mandrino a calettare, SLIM, 3°

A ↗
≤0.003RPM
G2.5/25000

AD



Code	Size	d	D	D1	L	L1	G	Euro	
A63.72.03.HT	HSK63A-SFS03-80	3	9	14	80	-	-	174,80 €	☐
A63.72.04.HT	HSK63A-SFS04-80	4	10	15.4	80	-	-	174,80 €	☐
A63.72.06.HT	HSK63A-SFS06-80	6	12	17.4	80	36	M5	174,80 €	☐
A63.72.08.HT	HSK63A-SFS08-80	8	14	19.4	80	36	M6	174,80 €	☐
A63.72.10.HT	HSK63A-SFS10-85	10	16	21.8	85	42	M8x1	174,80 €	☐
A63.72.12.HT	HSK63A-SFS12-90	12	18	24.4	90	47	M10x1	174,80 €	☐
A63.72.16.HT	HSK63A-SFS16-95	16	22	28.7	95	50	M12x1	174,80 €	☐
A63.72.03.1.HT	HSK63A-SFS03-120	3	9	18.4	120	-	-	279,90 €	☐
A63.72.04.1.HT	HSK63A-SFS04-120	4	10	19.4	120	-	-	245,70 €	☐
A63.72.06.1.HT	HSK63A-SFS06-120	6	12	21.4	120	36	M5	210,20 €	☐
A63.72.08.1.HT	HSK63A-SFS08-120	8	14	23.4	120	36	M6	210,20 €	☐
A63.72.10.1.HT	HSK63A-SFS10-120	10	16	25.4	120	42	M8x1	210,20 €	☐
A63.72.12.1.HT	HSK63A-SFS12-120	12	18	27.4	120	47	M10x1	210,20 €	☐
A63.72.16.1.HT	HSK63A-SFS16-120	16	22	31.4	120	50	M12x1	210,20 €	☐

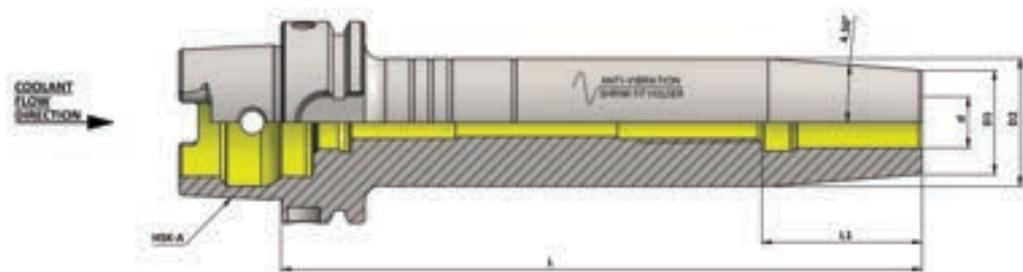
HSK1000 disponibili in 20 giorni ☐

Shrink fit Holder Anti-vibration AD

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

A ↗
≤0.010

AD

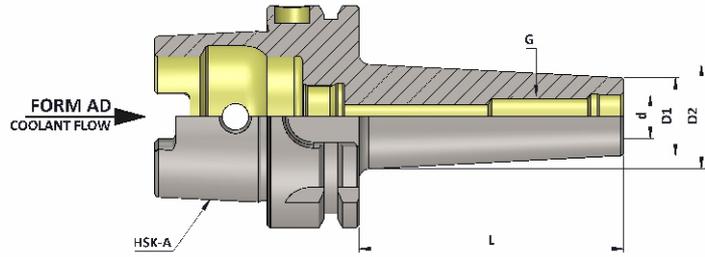


Code	Size	d	D2	D1	L	L1	Euro
A63.75.16.HT	HSK-A 63 SFH16 200 AV	16	27	34	200	49	733,50 €
A63.75.16.1.HT	HSK-A 63 SFH16 250 AV	16	27	34	250	49	973,70 €
A63.75.16.2.HT	HSK-A 63 SFH16 300 AV	16	27	34	300	49	1.098,20 €
A63.75.20.HT	HSK-A 63 SFH20 200 AV	20	33	40	200	51	733,50 €
A63.75.20.1.HT	HSK-A 63 SFH20 250 AV	20	33	40	250	51	973,70 €
A63.75.20.2.HT	HSK-A 63 SFH20 300 AV	20	33	40	300	51	1.098,20 €
A63.75.25.HT	HSK-A 63 SFH25 200 AV	25	44	53	200	57	733,50 €
A63.75.25.1.HT	HSK-A 63 SFH25 250 AV	25	44	53	250	57	973,70 €
A63.75.25.2.HT	HSK-A 63 SFH25 300 AV	25	44	53	300	57	1.098,20 €
A63.75.32.HT	HSK-A 63 SFH32 200 AV	32	44	53	200	61	733,50 €
A63.75.32.1.HT	HSK-A 63 SFH32 250 AV	32	44	53	250	61	973,70 €
A63.75.32.2.HT	HSK-A 63 SFH32 300 AV	32	44	53	300	61	1.098,20 €

Milling Cutter Arbor AD

Mandrino per testine fill. AD

A ↗ ≤0.005	RPM G2.5/25000	AD
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Code	Size	d	D1	D2	G	L	Euro
A63.06.06.HT	HSK-A 63 MCA06 025	6.5	10	13	M6	25	219,80 €
A63.06.08.HT	HSK-A 63 MCA08 025	8.5	13	15	M8	25	219,80 €
A63.06.08.1.HT	HSK-A 63 MCA08 050	8.5	13	23	M8	50	241,80 €
A63.06.08.2.HT	HSK-A 63 MCA08 075	8.5	13	23	M8	75	264,70 €
A63.06.08.3.HT	HSK-A 63 MCA08 100	8.5	13	25	M8	100	264,70 €
A63.06.10.HT	HSK-A 63 MCA10 025	10.5	18	20	M10	25	229,80 €
A63.06.10.1.HT	HSK-A 63 MCA10 050	10.5	18	23	M10	50	247,20 €
A63.06.10.2.HT	HSK-A 63 MCA10 075	10.5	18	28	M10	75	251,80 €
A63.06.10.3.HT	HSK-A 63 MCA10 100	10.5	18	32	M10	100	300,50 €
A63.06.12.HT	HSK-A 63 MCA10 150	12.5	21	24	M12	25	358,20 €
A63.06.12.1.HT	HSK-A 63 MCA12 025	12.5	21	24	M12	50	229,80 €
A63.06.12.2.HT	HSK-A 63 MCA12 050	12.5	21	31	M12	75	251,80 €
A63.06.12.3.HT	HSK-A 63 MCA12 075	12.5	21	33	M12	100	271,90 €
A63.06.12.4.HT	HSK-A 63 MCA12 100	12.5	21	36	M12	125	300,50 €
A63.06.12.HT	HSK-A 63 MCA12 150	17.0	29	29	M16	25	358,20 €
A63.06.16.1.HT	HSK-A 63 MCA16 025	17.0	29	34	M16	50	229,80 €
A63.06.16.2.HT	HSK-A 63 MCA16 050	17.0	29	34	M16	75	251,80 €
A63.06.16.3.HT	HSK-A 63 MCA16 075	17.0	29	36	M16	100	271,90 €
A63.06.16.4.HT	HSK-A 63 MCA16 100	17.0	29	40	M16	125	300,50 €
A63.06.16.5.HT	HSK-A 63 MCA16 150	17.0	29	42.5	M16	150	358,20 €

Hydraulic Expansion Chuck SLIM 3° AD/AF

Mandrino Idraulico SLIM 3° AD/AF

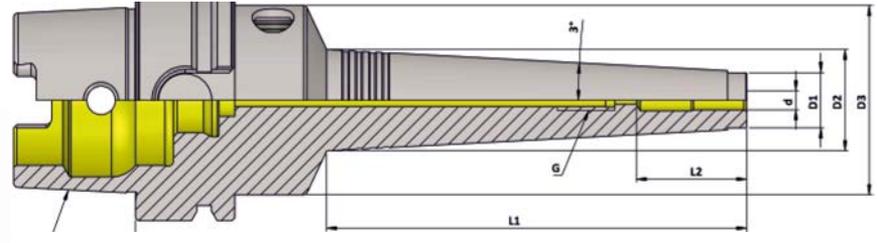
A ↗
≤0.003

RPM
G2.5/25000

AD



COOLANT FLOW DIRECTION →



HSK-A

Tool Holder - DIN 69893

Code	Description	d	D1	D2	D3	G	L	L1	L2	Euro
A63.H03.080.SL.HT	A 63 HC03 080 SLIM	3	11	14.0	46	-	80	28	28	573,00 €
A63.H03.090.SL.HT	A 63 HC03 090 SLIM	3	11	14.9	46	-	90	37	28	573,00 €
A63.H03.135.SL.HT	A 63 HC03 135 SLIM	3	11	19.9	46	-	135	84	28	591,60 €
A63.H04.080.SL.HT	A 63 HC04 080 SLIM	4	11	14.0	46	-	80	28	28	573,00 €
A63.H04.090.SL.HT	A 63 HC04 090 SLIM	4	11	14.9	46	-	90	37	28	573,00 €
A63.H04.135.SL.HT	A 63 HC04 135 SLIM	4	11	19.9	46	-	135	84	28	591,60 €
A63.H06.090.SL.HT	A 63 HC06 090 SLIM	6	13	17.0	46	M5	90	38	37	516,60 €
A63.H06.135.SL.HT	A 63 HC06 135 SLIM	6	13	21.9	46	M5	135	84	37	535,30 €
A63.H06.150.SL.HT	A 63 HC06 150 SLIM	6	13	23.4	46	M5	150	99	37	584,10 €
A63.H06.165.SL.HT	A 63 HC06 165 SLIM	6	13	25.0	46	M5	165	114	37	657,40 €
A63.H06.180.SL.HT	A 63 HC06 180 SLIM	6	13	26.7	46	M5	180	130	37	723,30 €
A63.H08.090.SL.HT	A 63 HC08 090 SLIM	8	15	19.0	46	M6	90	38	37	516,60 €
A63.H08.135.SL.HT	A 63 HC08 135 SLIM	8	15	23.9	46	M6	135	84	37	535,30 €
A63.H08.150.SL.HT	A 63 HC08 150 SLIM	8	15	25.4	46	M6	150	99	37	584,10 €
A63.H08.165.SL.HT	A 63 HC08 165 SLIM	8	15	27.0	46	M6	165	114	37	657,40 €
A63.H08.180.SL.HT	A 63 HC08 180 SLIM	8	15	28.7	46	M6	180	130	37	723,30 €
A63.H10.105.SL.HT	A 63 HC10 105 SLIM	10	17	22.6	46	M8	105	53	41	516,60 €
A63.H10.135.SL.HT	A 63 HC10 135 SLIM	10	17	25.9	46	M8	135	84	41	535,30 €
A63.H10.150.SL.HT	A 63 HC10 150 SLIM	10	17	27.4	46	M8	150	99	41	584,10 €
A63.H10.165.SL.HT	A 63 HC10 165 SLIM	10	17	29.0	46	M8	165	114	41	657,40 €
A63.H10.180.SL.HT	A 63 HC10 180 SLIM	10	17	30.7	46	M8	180	130	41	723,30 €
A63.H12.105.SL.HT	A 63 HC12 105 SLIM	12	19	24.6	46	M10	105	53	46	516,60 €
A63.H12.135.SL.HT	A 63 HC12 135 SLIM	12	19	27.9	46	M10	135	84	46	535,30 €
A63.H12.150.SL.HT	A 63 HC12 150 SLIM	12	19	29.4	46	M10	150	99	46	584,10 €
A63.H12.165.SL.HT	A 63 HC12 165 SLIM	12	19	31.0	46	M10	165	114	46	657,40 €
A63.H12.180.SL.HT	A 63 HC12 180 SLIM	12	19	32.7	46	M10	180	130	46	723,30 €
A63.H16.135.SL.HT	A 63 HC16 135 SLIM	16	23	31.9	52.5	M12	135	84	49	535,30 €
A63.H16.165.SL.HT	A 63 HC16 165 SLIM	16	23	35.0	52.5	M12	165	114	49	657,40 €
A63.H16.180.SL.HT	A 63 HC16 180 SLIM	16	23	36.6	52.5	M12	180	130	49	723,30 €
A63.H20.150.SL.HT	A 63 HC20 150 SLIM	20	28	36.9	60	M16	150	84	51	535,30 €
A63.H20.180.SL.HT	A 63 HC20 180 SLIM	20	28	40.0	60	M16	180	114	51	657,40 €
A63.H20.195.SL.HT	A 63 HC20 195 SLIM	20	28	41.6	60	M16	195	130	51	723,30 €

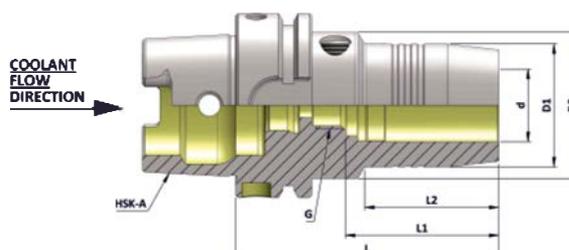
Hydraulic Expansion Chuck AD

Mandrino Idraulico AD

A ↗
≤0.003

RPM
G2.5/25000

AD



Code	Description	d	D1	D2	G	L	L1	L2	Euro
A63.H06.70.HT	HSK-A 63 HC06 070	6	26	50	M5	70	37	24	317,80 €
A63.H06.120.HT	HSK-A 63 HC06 120	6	26	50	M5	120	37	73	468,90 €
A63.H06.150.HT	HSK-A 63 HC06 150	6	26	50	M5	150	37	103	544,50 €
A63.H06.200.HT	HSK-A 63 HC06 200	6	26	50	M5	200	37	153	589,90 €
A63.H08.70.HT	HSK-A 63 HC08 070	8	28	50	M6	70	37	25	317,80 €
A63.H08.120.HT	HSK-A 63 HC08 120	8	28	50	M6	120	37	74	468,90 €
A63.H08.150.HT	HSK-A 63 HC08 150	8	28	50	M6	150	37	104	544,50 €
A63.H08.200.HT	HSK-A 63 HC08 200	8	28	50	M6	200	37	154	589,90 €
A63.H10.80.HT	HSK-A 63 HC10 080	10	30	50	M8	80	41	35	317,80 €
A63.H10.120.HT	HSK-A 63 HC10 120	10	30	50	M8	120	41	74	468,90 €
A63.H10.150.HT	HSK-A 63 HC10 150	10	30	50	M8	150	41	104	544,50 €
A63.H10.200.HT	HSK-A 63 HC10 200	10	30	50	M8	200	41	154	589,90 €
A63.H12.85.HT	HSK-A 63 HC12 085	12	32	50	M10	85	46	40	317,80 €
A63.H12.120.HT	HSK-A 63 HC12 120	12	32	50	M10	120	46	75	468,90 €
A63.H12.150.HT	HSK-A 63 HC12 150	12	32	50	M10	150	46	105	544,50 €
A63.H12.200.HT	HSK-A 63 HC12 200	12	32	50	M10	200	46	155	589,90 €
A63.H16.90.HT	HSK-A 63 HC16 090	16	38	50	M12	90	49	46	317,80 €
A63.H16.120.HT	HSK-A 63 HC16 120	16	38	50	M12	120	49	76	468,90 €
A63.H16.150.HT	HSK-A 63 HC16 150	16	38	50	M12	150	49	106	544,50 €
A63.H16.200.HT	HSK-A 63 HC16 200	16	38	50	M12	200	49	156	589,90 €
A63.H20.90.HT	HSK-A 63 HC20 090	20	42	50	M16	90	51	48	317,80 €
A63.H20.120.HT	HSK-A 63 HC20 120	20	42	50	M16	120	51	78	468,90 €
A63.H20.150.HT	HSK-A 63 HC20 150	20	42	50	M16	150	51	108	544,50 €
A63.H20.200.HT	HSK-A 63 HC20 200	20	42	50	M16	200	51	158	589,90 €

Hydraulic Collet Set

Set Mandrino Idraulico con Riduzioni

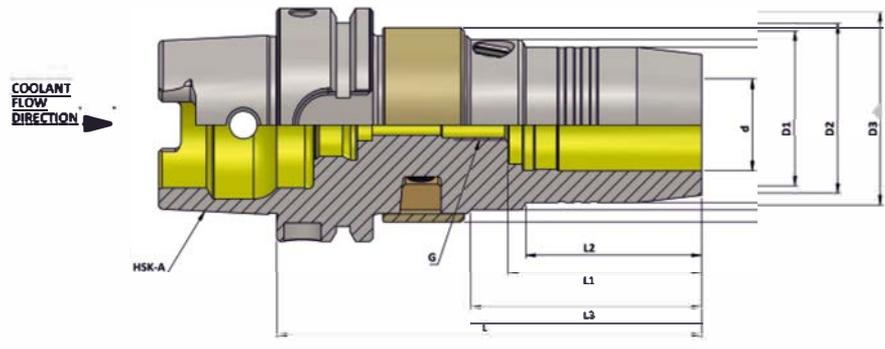


Code	Hydraulic chuck	Hydraulic Collet	Collet Quantity	key Size	Euro
A63.H20SRD	HSK63A-HY20-90	HY20-6.8.10.12.16	5pcs	5L	429,40 €

Hydraulic Expansion Chuck with "Run Out" adjustment AD

Mandrino Idraulico con regolazione assiale AD

A ↗ ≤0.003	RPM G2.5/25000	AD
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Tool Holder - DIN 69893

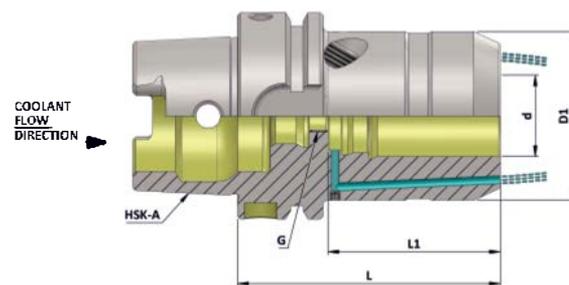
Code	Description	d	D1	D2	D3	G	L	L1	L2	L3	Euro
63A.H20.RA.HT	HSK-A63 H20 115 A	20	42	46	52.5	MB	115	51	50	65.5	751,30 €
63A.H32.RA.HT	HSK-A 63 H32 150	32	42	46	52.5	MB	150	51	50	65.5	901,70 €
100A.H20.RA.HT	HSK-A100 H20 120	20	42	46	52.5	MB	120	51	50	65.5	976,70 €
100A.H32.RA.HT	HSK-A 100 H32 150	32	42	46	52.5	MB	150	51	50	65.5	1.051,90 €

Hydraulic Expansion Chuck Heavy Duty power AD

**HEAVY DUTY
POWER**

Mandrino Idraulico per impieghi gravosi AD

A ↗ ≤0.003	RPM G2.5/25000	AD
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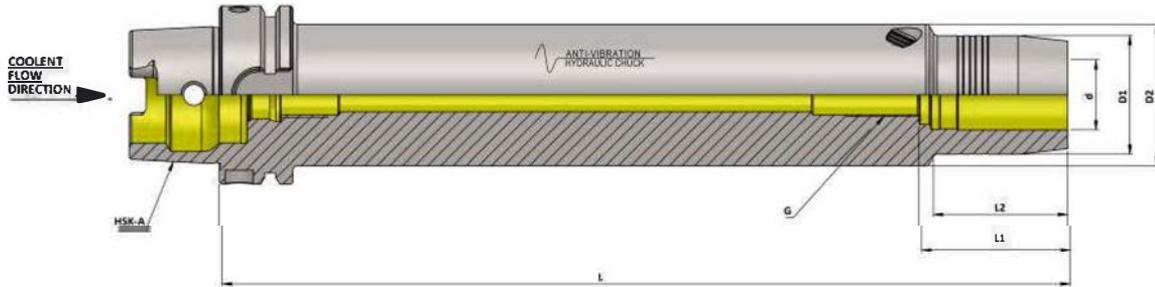
Code	Description	d	D1	G	L	L1	Euro
63A.H12.HD.HT	HSK-A 63 H12S 080 FCC	12	42		80	40	319,00 €
63A.H20.HD.HT	HSK-A 63 H20S 080 FCC	20	50		80	42	319,00 €
100A.H12.HD.HT	HSK-A 100 H12S 095 FCC	12	42	M10	95	40	373,90 €
100A.H20.HD.HT	HSK-A 100 H20S 090 FCC	20	50		90	42	373,90 €
100A.H32.HD.HT	HSK-A 100 H32S 110 FCC	32	72	M16	110	55	373,90 €

Hydraulic Expansion Chuck Anti - Vibration AD

Mandrino Idraulico Anti - vibrante AD

A ↗
≤0.010

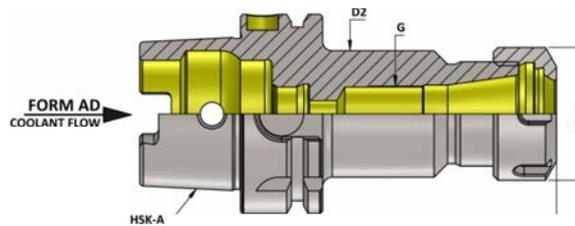
AD



Code	Description	d	D1	D2	G	L	L1	L2	Euro
63A.H20.200AV.HT	HSK-A 63 H20 200 AD/AV	20	42	49.5	M16	200	51	47	1.455,70 €
63A.H20.250AV.HT	HSK-A 63 H20 250 AD/AV	20	42	49.5	M16	250	51	47	1.859,60 €
63A.H20.300AV.HT	HSK-A 63 H20 300 AD/AV	20	42	49.5	M16	300	51	47	2.066,20 €
63A.H25.200AV.HT	HSK-A 63 H25 200 AD/AV	25	52	55	M16	200	57	50	1.502,70 €
63A.H25.250AV.HT	HSK-A 63 H5 250 AD/AV	25	52	55	M16	250	57	50	1.906,50 €
63A.H25.300AV.HT	HSK-A 63 H25 300 AD/AV	25	52	55	M16	300	57	50	2.113,10 €
63A.H32.200AV.HT	HSK-A 63 H32 200 AD/AV	32	62	63	M16	200	61	48	1.549,50 €
63A.H32.250AV.HT	HSK-A 63 H32 250 AD/AV	32	62	63	M16	250	61	48	1.953,50 €
63A.H32.300AV.HT	HSK-A 63 H32 300 AD/AV	32	62	63	M16	300	61	48	2.160,10 €

ER Collet Chuck

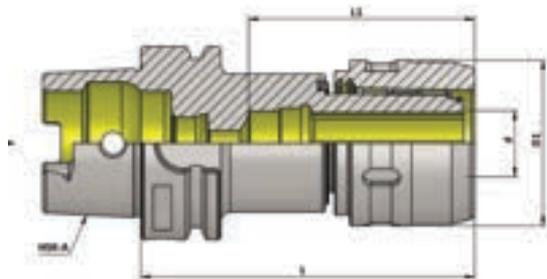
Mandrino ER



Code	Size	D1	D2	L1	Capacity	Euro	
A100.02.16.HT	HSK-A 100 ER 25 100	42	40	100	1.0-16	184,50 €	●
A100.02.16.1.HT	HSK-A 100 ER 25 160	42	40	160	1.0-16	260,50 €	●
A100.02.20.HT	HSK-A 100 ER 32 100	50	45	100	2.0-20	184,50 €	●
A100.02.20.1.HT	HSK-A 100 ER 32 160	50	45	160	2.0-20	260,50 €	●
A100.02.26.HT	HSK-A 100 ER 40 120	63	60	120	3.0-26	192,00 €	●
A100.02.26.1.HT	HSK-A 100 ER 40 160	63	60	160	3.0-26	288,00 €	●

Power Milling Chuck

Mandrino Forte Serraggio



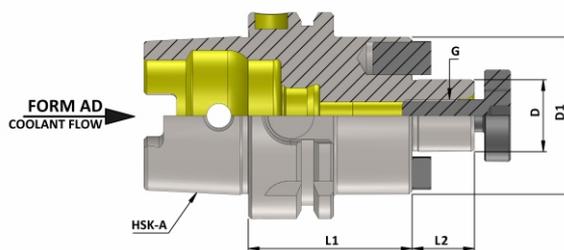
Code	Size	d	D	L	L1	Capacity	Euro	
A100.64.20.S.HT	HSK100A-HC20-110	20	54	110	70	3-16; 20	414,20 €	●
A100.64.32.S.HT	HSK100A-HC32-135	32	72	135	100	3-25; 32	451,80 €	●

Face Mill Holder

Mandrino porta frese a trascinamento



DIN6357	A \nearrow ≤ 0.005	RPM G2.5/25000	AD
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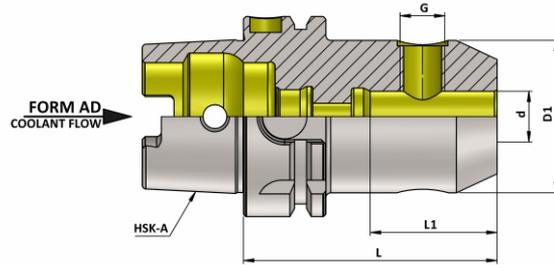
Code	Size	D	D1	L1	L2	G	Euro
A100.11.22.HT	HSK-A 100 FMH22 055	22	48	55	19	M10	221,00 €
A100.11.22.1.HT	HSK-A 100 FMH22 100	22	48	100	19	M10	238,10 €
A100.11.22.2.HT	HSK-A 100 FMH22 160	22	48	160	19	M10	284,20 €
A100.11.27.HT	HSK-A 100 FMH27 055	27	58	55	21	M12	229,90 €
A100.11.27.1.HT	HSK-A 100 FMH27 100	27	58	100	21	M12	245,40 €
A100.11.27.2.HT	HSK-A 100 FMH27 160	27	58	160	21	M12	293,10 €
A100.11.32.HT	HSK-A 100 FMH32 060	32	78	60	24	M16	245,40 €
A100.11.32.1.HT	HSK-A 100 FMH32 100	32	78	100	24	M16	263,40 €
A100.11.32.2.HT	HSK-A 100 FMH32 160	32	78	160	24	M16	310,20 €
A100.11.40.HT	HSK-A 100 FMH40 065	40	88	65	27	M20	255,20 €
A100.11.40.1.HT	HSK-A 100 FMH40 100	40	88	100	27	M20	271,50 €
A100.11.40.2.HT	HSK-A 100 FMH40 160	40	88	160	27	M20	318,40 €

End Mill Holder Weldon

Mandrino Weldon



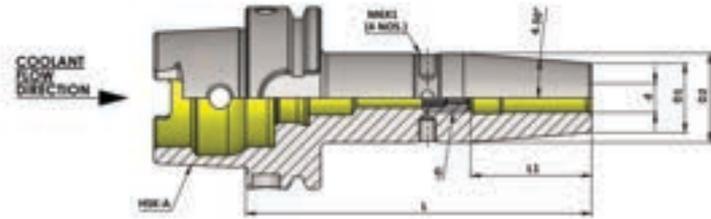
DIN6359/1835B	A ↗ ≤0.005	RPM G2.5/25000	AD
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Code	Size	d	D1	G	L	L1	Screw Qty	Euro	
A100.04.06.HT	HSK-A 100 WE06 080	6	25	M6	80	34	1	194,20 €	●
A100.04.06.2.HT	HSK-A 100 WE06 160	6	25	M6	160	34	1	211,20 €	●
A100.04.08.HT	HSK-A 100 WE08 080	8	28	M8	80	34	1	194,20 €	●
A100.04.08.2.HT	HSK-A 100 WE08 160	8	28	M8	160	34	1	211,20 €	●
A100.04.10.HT	HSK-A 100 WE10 080	10	35	M10	80	40	1	194,20 €	●
A100.04.10.1.HT	HSK-A 100 WE10 100	10	35	M10	160	40	1	211,20 €	●
A100.04.10.2.HT	HSK-A 100 WE10 160	12	42	M12	100	46	1	211,20 €	●
A100.04.12.HT	HSK-A 100 WE12 100	12	42	M12	160	46	1	194,20 €	●
A100.04.12.1.HT	HSK-A 100 WE12 160	16	48	M14	100	48	1	211,20 €	●
A100.04.16.HT	HSK-A 100 WE16 100	16	48	M14	130	48	1	194,20 €	●
A100.04.16.1.HT	HSK-A 100 WE16 160	16	48	M14	160	48	1	211,20 €	●
A100.04.20.HT	HSK-A 100 WE20 100	20	52	M16	100	52	1	194,20 €	●
A100.04.20.1.HT	HSK-A 100 WE20 160	20	52	M16	160	52	1	211,20 €	●
A100.04.25.HT	HSK-A 100 WE25 100	25	65	M18	100	56	2	226,20 €	●
A100.04.25.1.HT	HSK-A 100 WE25 160	25	65	M18	160	56	2	241,80 €	●
A100.04.32.HT	HSK-A 100 WE32 120	32	72	M20	120	60	2	235,20 €	●
A100.04.32.1.HT	HSK-A 100 WE32 160	32	72	M20	160	60	2	253,00 €	●
A100.04.40.HT	HSK-A 100 WE40 120	40	80	M20	120	70	2	264,20 €	●
A100.04.40.1.HT	HSK-A 100 WE40 160	40	80	M20	160	70	2	253,00 €	●

Shrink Fit Chuck, 4.5°, AD

Mandrino a Calettare, 4,5° AD



A ↗
≤0.003

RPM
G2.5/25000

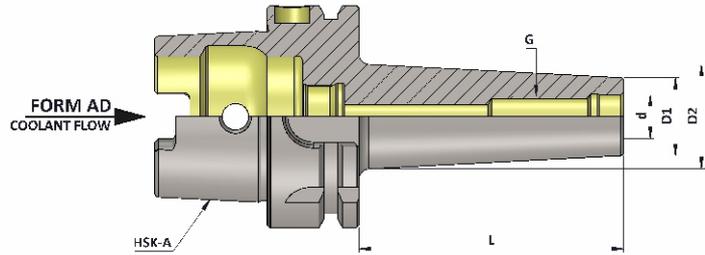
AD

Code	Size	d	D1	D2	L	L1	G	Euro
A100.70.06.HT	HSK-A 100 SFH06 085	6	21	27	85	36	M5	284,00 €
A100.70.06.1.HT	HSK-A 100 SFH06 120	6	21	27	120	36	M5	335,20 €
A100.70.06.2.HT	HSK-A 100 SFH06 160	6	21	27	160	36	M5	361,60 €
A100.70.08.HT	HSK-A 100 SFH08 085	8	21	27	85	36	M6	284,00 €
A100.70.08.1.HT	HSK-A 100 SFH08 120	8	21	27	120	36	M6	335,20 €
A100.70.08.2.HT	HSK-A 100 SFH08 160	8	21	27	160	36	M6	361,60 €
A100.70.10.HT	HSK-A 100 SFH10 090	10	24	31	90	41	M8	284,00 €
A100.70.10.1.HT	HSK-A 100 SFH10 120	10	24	31	120	41	M8	335,20 €
A100.70.10.2.HT	HSK-A 100 SFH10 160	10	24	31	160	41	M8	361,60 €
A100.70.12.HT	HSK-A 100 SFH12 095	12	24	31	95	46	M10	284,00 €
A100.70.12.1.HT	HSK-A 100 SFH12 120	12	24	31	120	46	M10	335,20 €
A100.70.12.2.HT	HSK-A 100 SFH12 160	12	24	31	160	46	M10	361,60 €
A100.70.16.HT	HSK-A 100 SFH16 100	16	27	34	100	49	M12	284,00 €
A100.70.16.1.HT	HSK-A 100 SFH16 120	16	27	34	120	49	M12	335,20 €
A100.70.16.2.HT	HSK-A 100 SFH16 160	16	27	34	160	49	M12	361,60 €
A100.70.20.HT	HSK-A 100 SFH20 105	20	33	40	105	51	M16	284,00 €
A100.70.20.1.HT	HSK-A 100 SFH20 120	20	33	40	120	51	M16	335,20 €
A100.70.20.2.HT	HSK-A 100 SFH20 160	20	33	40	160	51	M16	361,60 €

Milling Cutter Arbor AD

Mandrino per testine fill. AD

A ↗ ≤0.005	RPM G2.5/25000	AD
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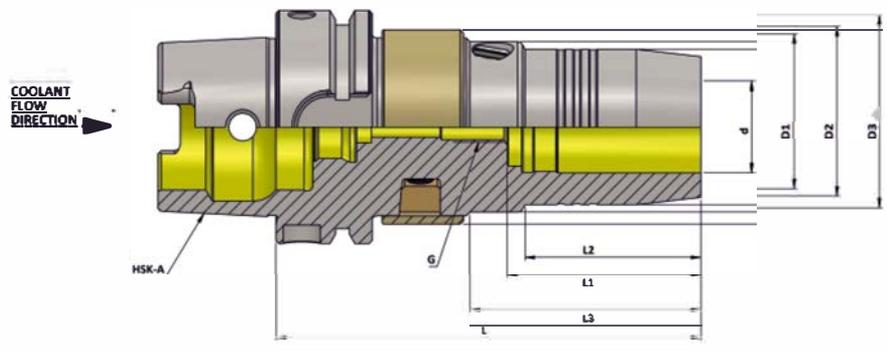


Code	Size	d	D1	D2	G	L	Euro
A100.06.08.HT	HSK-A 100 MCA08 050	8.5	13	23	M8	50	337,80 €
A100.06.10.HT	HSK-A 100 MCA10 050	10.5	18	23	M10	50	337,80 €
A100.06.10.1.HT	HSK-A 100 MCA10 100	10.5	18	32	M10	100	413,60 €
A100.06.10.2.HT	HSK-A 100 MCA10 150	10.5	18	36.5	M10	150	490,20 €
A100.06.12.HT	HSK-A 100 MCA12 050	12.5	21	24	M12	50	337,80 €
A100.06.12.1.HT	HSK-A 100 MCA12 100	12.5	21	33	M12	100	413,60 €
A100.06.12.2.HT	HSK-A 100 MCA12 150	12.5	21	40	M12	150	490,20 €
A100.06.16.HT	HSK-A 100 MCA16 050	17	29	34	M16	50	337,80 €
A100.06.16.1.HT	HSK-A 100 MCA16 100	17	29	36	M16	100	413,60 €
A100.06.16.2.HT	HSK-A 100 MCA16 150	17	29	42.5	M16	150	490,20 €

Hydraulic Expansion Chuck with "Run Out" adjustment AD

Mandrino Idraulico con regolazione assiale AD

A ↗ ≤0.003	RPM G2.5/25000	AD
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Code	Description	d	D1	D2	D3	G	L	L1	L2	L3	Euro
100A.H20.RA.HT	HSK-A100 H20 120	20	42	46	52.5	MB	120	51	50	65.5	976,70 €
100A.H32.RA.HT	HSK-A 100 H32 150	32	42	46	52.5	MB	150	51	50	65.5	1.051,90 €

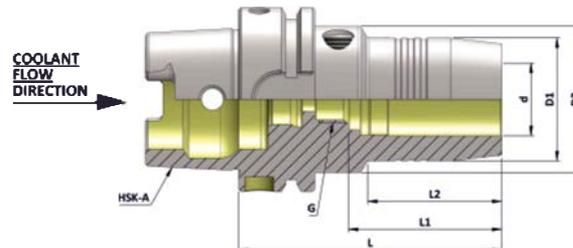
Hydraulic Expansion Chuck AD

Mandrino Idraulico AD

A ↗
≤0.003

RPM
G2.5/25000

AD



Code	Description	d	D1	D2	G	L	L1	L2	Euro
A100.H12.095.HT	HSK-A 100 HC12 095	12	32	50	M10	95	46	47	409,30 €
A100.H12.150.HT	HSK-A 100 HC12 150	12	32	50	M10	150	46	100	606,20 €
A100.H20.105.HT	HSK-A 100 HC20 105	20	42	50	M16	105	51	59	409,30 €
A100.H20.150.HT	HSK-A 100 HC20 150	20	42	50	M16	150	51	100	606,20 €
A100.H25.110.HT	HSK-A 100 HC25 110	25	57	63	M16	110	57	62	409,30 €
A100.H32.110.HT	HSK-A 100 HC32 110	32	63	67	M16	110	61	60	409,30 €

Tool Holder - DIN 69893

Hydraulic Expansion Chuck Heavy Duty power AD

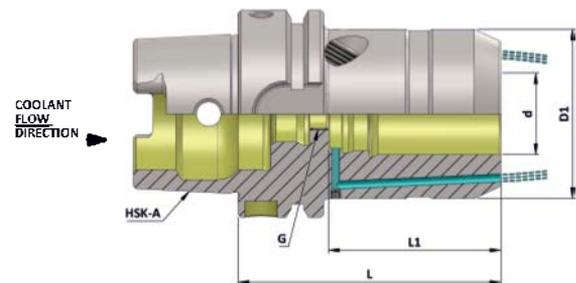
HEAVY DUTY
POWER

Mandrino Idraulico per impieghi gravosi AD

A ↗
≤0.003

RPM
G2.5/25000

AD



Code	Description	d	D1	G	L	L1	Euro
100A.H12.HD.HT	HSK-A 100 H12S 095 FCC	12	42	M10	95	40	373,90 €
100A.H20.HD.HT	HSK-A 100 H20S 090 FCC	20	50		90	42	373,90 €
100A.H32.HD.HT	HSK-A 100 H32S 110 FCC	32	72	M16	110	55	373,90 €