



PRÄZISIONS-SPANNWEKZEUGE

HIGH PRECISION TOOLHOLDERS

ERRECI

SISTEMI PER PRODURRE

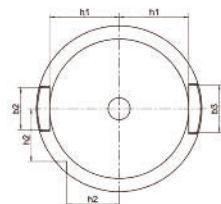
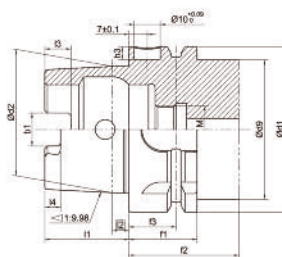
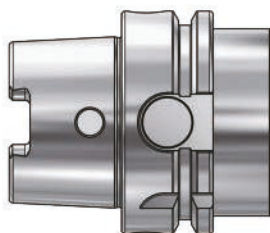
MANDRINI HSK
DIN 69893

KATALOG CATALOGUE

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

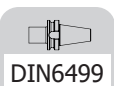
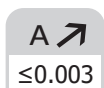
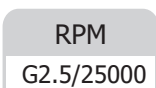
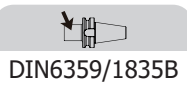
Taper tolerance/Tolleranza conica AT3

Hardness/Durezza HRC 56-60

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

Surface Roughness/Rugosità superficiale Ra 0,2 m

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

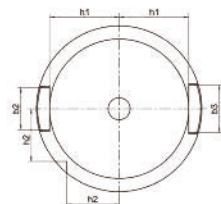
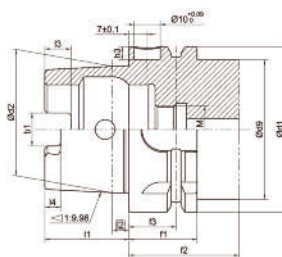
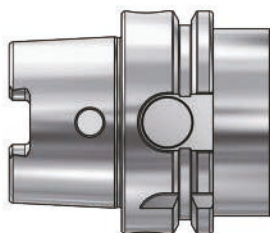
Socket type according to DIN6499
tipologia di presa secondo DIN6499Run Out less than 0.003
Run Out inferiore a 0.003Balance G2.5/ 25,000 rpm
Bilanciatura G2.5/ 25.000 GiriSocket type according to DIN6359
tipologia di presa secondo DIN6359

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

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

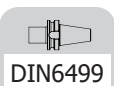
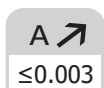
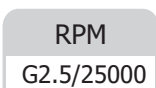
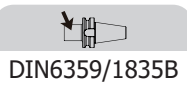
Taper tolerance/Tolleranza conica AT3

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

Surface Roughness/Rugosità superficiale Ra 0,2 m

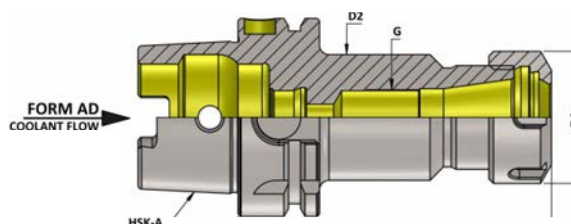
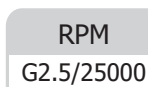
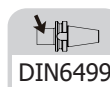
Balancing/Bilanciatura G6.3/15000 G2.5/25000

Socket type according to DIN6499
tipologia di presa secondo DIN6499Run Out less than 0.003
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Disponibile magazzino Italia
 Disponibile in 48 ore
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 Disponibile in 20giorni

ER Collet Chuck

Mandrino ER

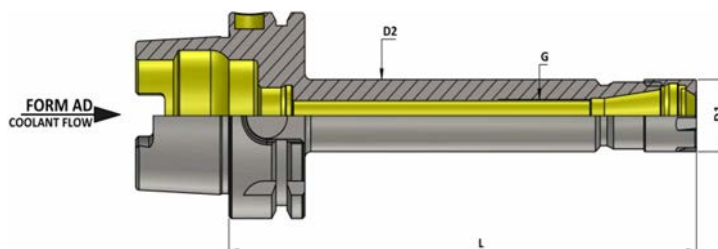
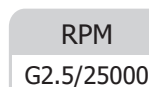
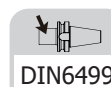


Code	Size	D1	D2	L1	Capacity	Euro	
A63.02.10.HT	HSK-A 63 ER 16 100	32	28	100	0.5-10	127,50 €	
A63.02.16.HT	HSK-A 63 ER 25 100	42	40	100	1.0-16	123,40 €	
A63.02.20.HT	HSK-A 63 ER 32 100	50	48	100	2.0-20	127,50 €	
A63.02.26.HT	HSK-A 63 ER 40 120	63	-	120	3.0-26	139,30 €	
A63.02.10.0.HT	HSK-A 63 ER 16 130	32	28	130	0.5-10	153,80 €	
A63.02.16.0.HT	HSK-A 63 ER 25 130	42	40	130	1.0-16	141,40 €	
A63.02.20.0.HT	HSK-A 63 ER 32 130	50	48	130	2.0-20	146,90 €	
A63.02.26.1.HT	HSK-A 63 ER 40 160	63	-	160	3.0-26	174,60 €	

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

High Speed SKS Collet Chuck

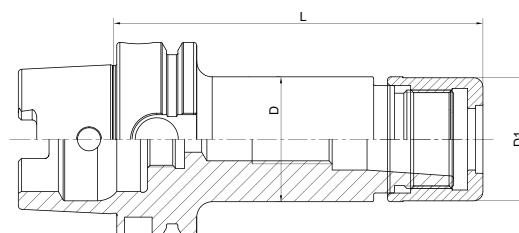
Mandrino SKS Alta Velocità



A ↗
≤0.003

RPM
G2.5/25000

AD



Code	Size	D	D1	L	Capacity	M	Euro	
A63.03.10.HT	HSK63A-SKS10-90	27.5	27.1	90	2-10	M21.5*1	114,70 €	
A63.03.10.2.HT	HSK63A-SKS10-120	27.5	27.1	120	2-10	M21.5*1	163,00 €	
A63.03.16.HT	HSK63A-SKS16-90	40.6	40	90	3-16	M32*1.5	120,90 €	
A63.03.16.2.HT	HSK63A-SKS16-120	40.6	40	120	3-16	M32*1.5	163,00 €	

HSK100 disponibili in 20 giorni

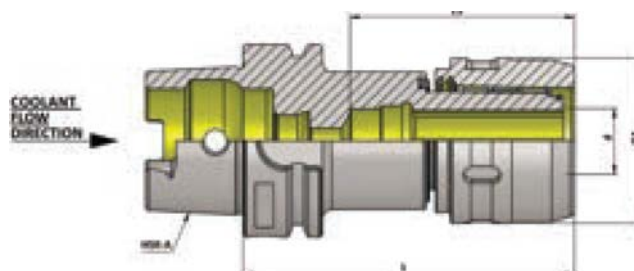
Power Milling Chuck

Mandrino Forte Serraggio



A ↗
≤0.008

AD

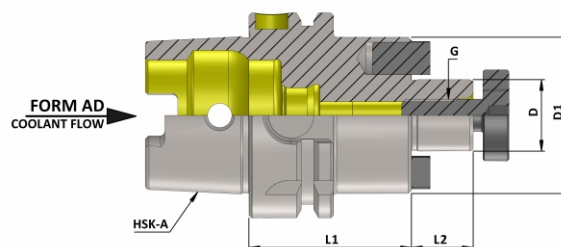
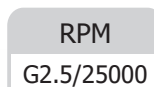
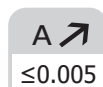
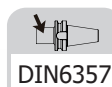


Code	Size	d	D	L	Capacity	Euro	
A63.64.20.S.HT	HSK63A-HC20-100	20	50	100	3-16 20	290,70 €	
A63.64.25.S.HT	HSK63A-HC25-100	25	59	100	3-20 25	295,00 €	
A63.64.32.S.HT	HSK63A-HC32-120	32	72	120	3-25 32	299,30 €	

HSK100 disponibili in 20 giorni

Face Mill Holder

Mandrino porta frese a trascinamento



Code	Size	d	D1	L1	L2	G	Euro
A63.11.16.HT	HSK-A 63 FMH16 045	16	38	45	17	M8 1.25P	162,90 €
A63.11.22.HT	HSK-A 63 FMH22 050	22	48	50	19	M10 1.5P	162,90 €
A63.11.27.HT	HSK-A 63 FMH27 055	27	58	55	21	M12 1.75P	175,20 €
A63.11.32.HT	HSK-A 63 FMH32 060	32	78	60	24	M16 2P	180,90 €
A63.11.16.1.HT	HSK-A 63 FMH16 100	16	38	100	17	M8 1.25P	193,30 €
A63.11.22.1.HT	HSK-A 63 FMH22 100	22	48	100	19	M10 1.5P	193,30 €
A63.11.27.1.HT	HSK-A 63 FMH27 100	27	58	100	21	M12 1.75P	205,80 €
A63.11.32.1.HT	HSK-A 63 FMH32 100	32	78	100	24	M16 2P	212,80 €

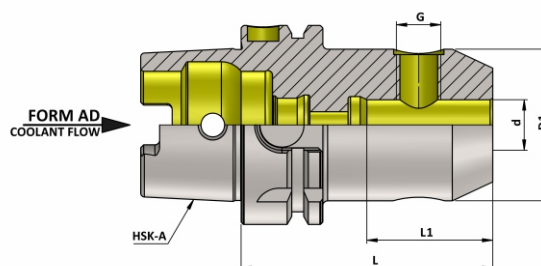
HSK100 disponibili in 20 giorni

End Mill Holder Weldon

Mandrino Weldon



			
DIN6359/1835B	A $\nearrow$ ≤ 0.005	RPM G2.5/25000	AD

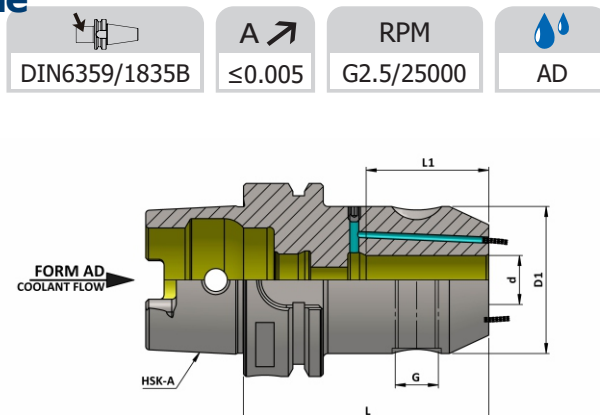


Code	Size	d	D1	L	L1	G	Screw Q.ty	Euro	
A63.04.06.HT	HSK-A 63 WE06 065	6	25	65	34	M6	1	129,60 €	●
A63.04.08.HT	HSK-A 63 WE08 065	8	28	65	34	M8	1	129,60 €	●
A63.04.10.HT	HSK-A 63 WE10 065	10	35	65	40	M10	1	129,60 €	●
A63.04.12.HT	HSK-A 63 WE12 080	12	42	80	46	M12	1	129,60 €	●
A63.04.16.HT	HSK-A 63 WE16 080	16	48	80	48	M14	1	129,60 €	●
A63.04.20.HT	HSK-A 63 WE20 080	20	52	80	52	M16	1	129,60 €	●
A63.04.25.HT	HSK-A 63 WE25 110	25	65	110	56	M18 2	2	142,70 €	●
A63.04.32.HT	HSK-A 63 WE32 110	32	72	110	60	M20 2	2	150,30 €	●
A63.04.40.HT	HSK-A 63 WE40 125	40	80	125	70	M20 2	2	172,50 €	●
A63.04.06.1.HT	HSK-A 63 WE06 100	6	25	100	34	M6	1	152,40 €	●
A63.04.08.1.HT	HSK-A 63 WE08 100	8	28	100	34	M8	1	152,40 €	●
A63.04.10.1.HT	HSK-A 63 WE10 100	10	35	100	40	M10	1	152,40 €	●
A63.04.12.1.HT	HSK-A 63 WE12 100	12	42	100	46	M12	1	151,20 €	●
A63.04.16.1.HT	HSK-A 63 WE16 100	16	48	100	48	M14	1	151,20 €	●
A63.04.20.1.HT	HSK-A 63 WE20 100	20	52	100	52	M16	1	151,20 €	●
A63.04.25.1.HT	HSK-A 63 WE25 160	25	65	160	56	M18 2	2	217,50 €	●
A63.04.32.1.HT	HSK-A 63 WE32 160	32	72	160	60	M20 2	2	217,50 €	●

HSK100 disponibili in 20 giorni ●

End Mill Holder Weldon Coolant Channels

Mandrino Weldon con lub. frontale

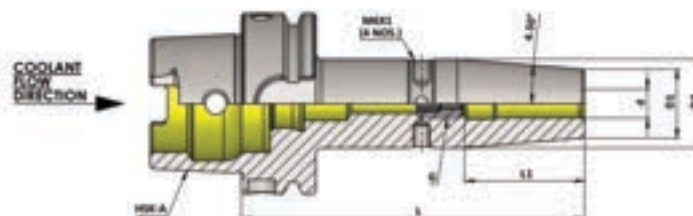


Code	Size	d	D1	G	L	L1	Screw Q.ty	Euro	
A63.04.06.K.HT	HSK-A 63 WE06 065 K	6	25	M6	50	34	1	144,10 €	●
A63.04.08.K.HT	HSK-A 63 WE08 065 K	8	28	M8	50	34	1	144,10 €	●
A63.04.10.K.HT	HSK-A 63 WE10 065 K	10	35	M10	50	40	1	144,10 €	●
A63.04.12.K.HT	HSK-A 63 WE12 080 K	12	42	M12	50	46	1	144,10 €	●
A63.04.16.K.HT	HSK-A 63 WE16 080 K	16	48	M14	63	48	1	144,10 €	●
A63.04.20.K.HT	HSK-A 63 WE20 080 K	20	52	M16	63	52	1	144,10 €	●
A63.04.06.1.K.HT	HSK-A 63 WE06 100 K	6	25	M6	100	34	1	173,60 €	●
A63.04.08.1.K.HT	HSK-A 63 WE08 100 K	8	28	M8	100	34	1	173,60 €	●
A63.04.10.1.K.HT	HSK-A 63 WE10 100 K	10	35	M10	100	40	1	173,60 €	●
A63.04.12.1.K.HT	HSK-A 63 WE12 100 K	12	42	M12	100	46	1	173,60 €	●
A63.04.16.1.K.HT	HSK-A 63 WE16 100 K	16	48	M14	100	48	1	173,60 €	●
A63.04.20.1.K.HT	HSK-A 63 WE20 100 K	20	52	M16	100	52	1	173,60 €	●
A63.04.06.2.K.HT	HSK-A 63 WE06 130 K	6	25	M6	130	34	1	170,00 €	◐
A63.04.08.2.K.HT	HSK-A 63 WE08 130 K	8	28	M8	130	34	1	170,00 €	◐
A63.04.10.2.K.HT	HSK-A 63 WE10 130 K	10	35	M10	130	40	1	170,00 €	◐
A63.04.12.2.K.HT	HSK-A 63 WE12 130 K	12	42	M12	130	46	1	170,00 €	◐
A63.04.16.2.K.HT	HSK-A 63 WE16 130 K	16	48	M14	130	52	1	170,00 €	◐
A63.04.20.2.K.HT	HSK-A 63 WE20 130 K	20	52	M16	130	46	1	170,00 €	◐
A63.04.06.3.K.HT	HSK-A 63 WE06 160 K	6	25	M6	160	34	1	219,80 €	◐
A63.04.08.3.K.HT	HSK-A 63 WE08 160 K	8	28	M8	160	34	1	219,80 €	◐
A63.04.10.3.K.HT	HSK-A 63 WE10 160 K	10	35	M10	160	40	1	219,80 €	◐
A63.04.12.3.K.HT	HSK-A 63 WE12 160 K	12	42	M12	160	34	1	219,80 €	◐
A63.04.16.3.K.HT	HSK-A 63 WE16 160 K	16	48	M14	160	46	1	219,80 €	◐
A63.04.20.3.K.HT	HSK-A 63 WE20 160 K	20	52	M16	160	52	1	219,80 €	◐

HSK100 disponibili in 20 giorni ◐

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

AD



Code	Size	d	D	D1	L	L1	G	Euro	
A63.70.03.HT	HSK63A-SF03-80	3	15	20	80	-	-	201,30 €	
A63.70.04.HT	HSK63A-SF04-80	4	15	20	80	-	-	172,20 €	
A63.70.06..HT	HSK63A-SF06-80	6	21	26.5	80	36	M5	143,20 €	
A63.70.08.HT	HSK63A-SF08-80	8	21	26.5	80	36	M6	143,20 €	
A63.70.10.HT	HSK63A-SF10-85	10	24	30.5	85	42	M8x1	143,20 €	
A63.70.12.HT	HSK63A-SF12-90	12	24	31	90	47	M10x1	143,20 €	
A63.70.16.HT	HSK63A-SF16-95	16	27	34	95	50	M12x1	143,20 €	
A63.70.20.HT	HSK63A-SF20-100	20	33	42	100	52	M16x1	143,20 €	
A63.70.03.1.HT	HSK63A-SF03-120	3	15	20	120	-	-	229,30 €	
A63.70.04.1.HT	HSK63A-SF04-120	4	15	20	120	-	-	201,30 €	
A63.70.06.1.HT	HSK63A-SF06-120	6	21	27	120	36	M5	172,20 €	
A63.70.08.1.HT	HSK63A-SF08-120	8	21	27	120	36	M6	172,20 €	
A63.70.10.1.HT	HSK63A-SF10-120	10	24	32	120	42	M8x1	172,20 €	
A63.70.12.1.HT	HSK63A-SF12-120	12	24	32	120	47	M10x1	172,20 €	
A63.70.16.1.HT	HSK63A-SF16-120	16	27	34	120	50	M12x1	172,20 €	
A63.70.20.1.HT	HSK63A-SF20-120	20	33	42	120	52	M16x1	172,20 €	

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

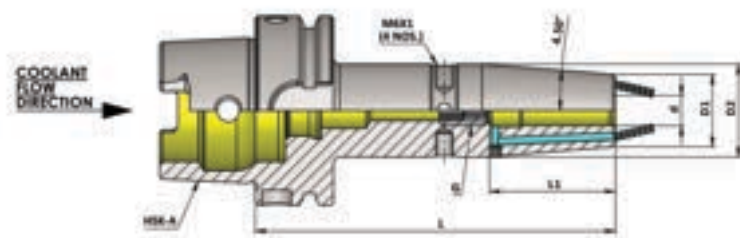


Shrink Fit Chuck, 4.5°, Coolant

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

A ↗
≤0.003

RPM
G2.5/25000

AD
AD


Code	Size	d	D	D1	L	L1	N	G	Euro
A63.70.03.K.HT	HSK63A-SF03-80K	3	15	20	80	-	-	-	229,30 €
A63.70.04.K.HT	HSK63A-SF04-80K	4	15	20	80	-	-	-	201,30 €
A63.70.06.K.HT	HSK63A-SF06-80K	6	21	26.5	80	36	10	M5	172,20 €
A63.70.08.K.HT	HSK63A-SF08-80K	8	21	26.5	80	36	10	M6	172,20 €
A63.70.10.K.HT	HSK63A-SF10-85K	10	24	30.5	85	42	10	M8x1	172,20 €
A63.70.12.K.HT	HSK63A-SF12-90K	12	24	31	90	47	10	M10x1	172,20 €
A63.70.16.K.HT	HSK63A-SF16-95K	16	27	34	95	50	10	M12x1	172,20 €
A63.70.20.K.HT	HSK63A-SF20-100K	20	33	42	100	52	10	M16x1	172,20 €
A63.70.03.1.K.HT	HSK63A-SF03-120K	3	15	20	120	-	-	-	258,30 €
A63.70.04.1.K.HT	HSK63A-SF04-120K	4	15	20	120	-	-	-	229,30 €
A63.70.06.1.K.HT	HSK63A-SF06-120K	6	21	27	120	36	10	M5	201,30 €
A63.70.08.1.K.HT	HSK63A-SF08-120K	8	21	27	120	36	10	M6	201,30 €
A63.70.10.1.K.HT	HSK63A-SF10-120K	10	24	32	120	42	10	M8x1	201,30 €
A63.70.12.1.K.HT	HSK63A-SF12-120K	12	24	32	120	47	10	M10x1	201,30 €
A63.70.16.1.K.HT	HSK63A-SF16-120K	16	27	34	120	50	10	M12x1	201,30 €
A63.70.20.1.K.HT	HSK63A-SF20-120K	20	33	42	120	52	10	M16x1	201,30 €

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

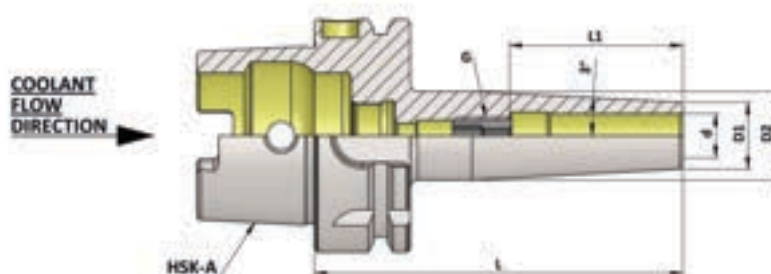


Shrink Fit Chuck, Slim, 3°

Mandrino a calettare, SLIM, 3°

A ↗
≤0.003RPM
G2.5/25000

AD

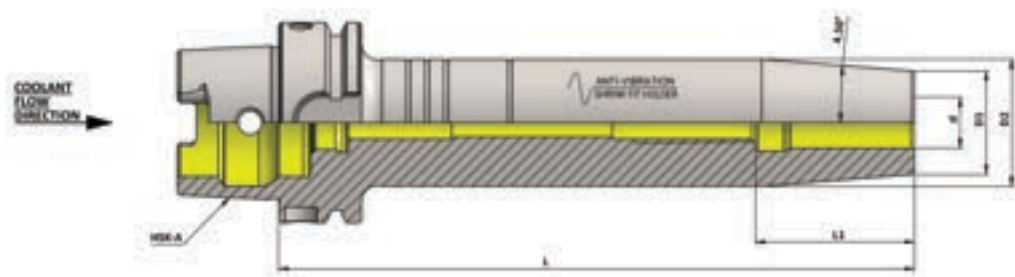


Code	Size	d	D	D1	L	L1	G	Euro
A63.72.03.HT	HSK63A-SFS03-80	3	9	14	80	-	-	143,20 €
A63.72.04.HT	HSK63A-SFS04-80	4	10	15.4	80	-	-	143,20 €
A63.72.06.HT	HSK63A-SFS06-80	6	12	17.4	80	36	M5	143,20 €
A63.72.08.HT	HSK63A-SFS08-80	8	14	19.4	80	36	M6	143,20 €
A63.72.10.HT	HSK63A-SFS10-85	10	16	21.8	85	42	M8x1	143,20 €
A63.72.12.HT	HSK63A-SFS12-90	12	18	24.4	90	47	M10x1	143,20 €
A63.72.16.HT	HSK63A-SFS16-95	16	22	28.7	95	50	M12x1	143,20 €
A63.72.03.1.HT	HSK63A-SFS03-120	3	9	18.4	120	-	-	229,30 €
A63.72.04.1.HT	HSK63A-SFS04-120	4	10	19.4	120	-	-	201,30 €
A63.72.06.1.HT	HSK63A-SFS06-120	6	12	21.4	120	36	M5	172,20 €
A63.72.08.1.HT	HSK63A-SFS08-120	8	14	23.4	120	36	M6	172,20 €
A63.72.10.1.HT	HSK63A-SFS10-120	10	16	25.4	120	42	M8x1	172,20 €
A63.72.12.1.HT	HSK63A-SFS12-120	12	18	27.4	120	47	M10x1	172,20 €
A63.72.16.1.HT	HSK63A-SFS16-120	16	22	31.4	120	50	M12x1	172,20 €
A63.72.03.2.HT	HSK63A-SFS03-160	3	9	22.5	160	-	-	258,30 €
A63.72.04.2.HT	HSK63A-SFS04-160	4	10	23.5	160	-	-	229,30 €
A63.72.06.2.HT	HSK63A-SFS06-160	6	12	25.5	160	36	M5	201,30 €
A63.72.08.2.HT	HSK63A-SFS08-160	8	14	27.5	160	36	M6	201,30 €
A63.72.10.2.HT	HSK63A-SFS10-160	10	16	29.5	160	42	M8x1	201,30 €
A63.72.12.2.HT	HSK63A-SFS12-160	12	18	31.5	160	47	M10x1	201,30 €
A63.72.16.2.HT	HSK63A-SFS16-160	16	22	35.5	160	50	M12x1	201,30 €

HSK1000 disponibili in 20 giorni

Shrink fitHolder Anti-vibration AD**Mandrino a Calettare Anti-Vibrante ,4,5° AD**A ↗
≤0.010

AD



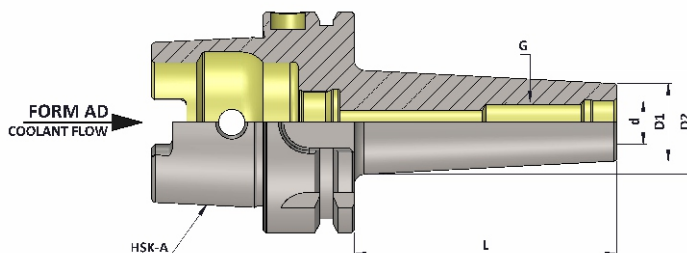
Code	Size	d	D2	D1	L	L1	Euro	
A63.75.16.HT	HSK-A 63 SFH16 200 AV	16	27	34	200	49	733,50 €	●
A63.75.16.1.HT	HSK-A 63 SFH16 250 AV	16	27	34	250	49	973,70 €	●
A63.75.16.2.HT	HSK-A 63 SFH16 300 AV	16	27	34	300	49	1.098,20 €	●
A63.75.20.HT	HSK-A 63 SFH20 200 AV	20	33	40	200	51	733,50 €	●
A63.75.20.1.HT	HSK-A 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 ↗
≤0.005RPM
G2.5/25000

AD



Code	Size	d	D1	D2	G	L	Euro
A63.06.06.HT	HSK-A 63 MCA06 025	6.5	10	13	M6	25	213,40 €
A63.06.08.HT	HSK-A 63 MCA08 025	8.5	13	15	M8	25	213,40 €
A63.06.08.1.HT	HSK-A 63 MCA08 050	8.5	13	23	M8	50	234,80 €
A63.06.08.2.HT	HSK-A 63 MCA08 075	8.5	13	23	M8	75	257,00 €
A63.06.08.3.HT	HSK-A 63 MCA08 100	8.5	13	25	M8	100	257,00 €
A63.06.10.HT	HSK-A 63 MCA10 025	10.5	18	20	M10	25	223,10 €
A63.06.10.1.HT	HSK-A 63 MCA10 050	10.5	18	23	M10	50	240,00 €
A63.06.10.2.HT	HSK-A 63 MCA10 075	10.5	18	28	M10	75	244,50 €
A63.06.10.3.HT	HSK-A 63 MCA10 100	10.5	18	32	M10	100	291,70 €
A63.06.12.HT	HSK-A 63 MCA10 150	12.5	21	24	M12	25	347,80 €
A63.06.12.1.HT	HSK-A 63 MCA12 025	12.5	21	24	M12	50	223,10 €
A63.06.12.2.HT	HSK-A 63 MCA12 050	12.5	21	31	M12	75	244,50 €
A63.06.12.3.HT	HSK-A 63 MCA12 075	12.5	21	33	M12	100	264,00 €
A63.06.12.4.HT	HSK-A 63 MCA12 100	12.5	21	36	M12	125	291,70 €
A63.06.12.HT	HSK-A 63 MCA12 150	17.0	29	29	M16	25	347,80 €
A63.06.16.1.HT	HSK-A 63 MCA16 025	17.0	29	34	M16	50	223,10 €
A63.06.16.2.HT	HSK-A 63 MCA16 050	17.0	29	34	M16	75	244,50 €
A63.06.16.3.HT	HSK-A 63 MCA16 075	17.0	29	36	M16	100	264,00 €
A63.06.16.4.HT	HSK-A 63 MCA16 100	17.0	29	40	M16	125	291,70 €
A63.06.16.5.HT	HSK-A 63 MCA16 150	17.0	29	42.5	M16	150	347,80 €

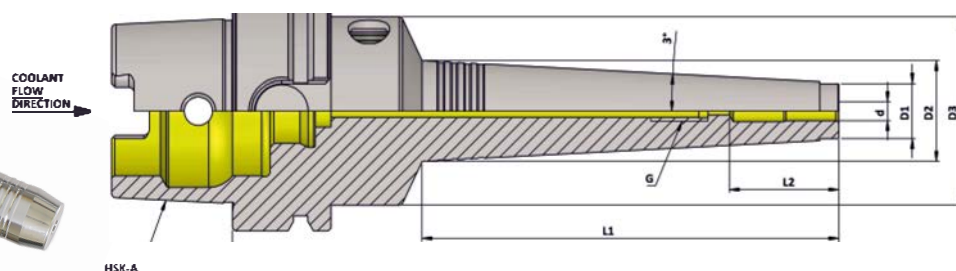
Hydraulic Expansion Chuck SLIM 3° AD/AF

Mandrino Idraulico SLIM 3° AD/AF

A ↗
≤0.003

RPM
G2.5/25000

AD



Tool Holder DIN 69893

Code	Description	d	D1	D2	D3	G	L	L1	L2	Euro
63A.H03.080.SL.HT	HSK-A 63 HC03 080 SLIM	3	11	14.0	46	-	80	28	28	510,70 €
63A.H03.090.SL.HT	HSK-A 63 HC03 090 SLIM	3	11	14.9	46	-	90	37	28	510,70 €
63A.H03.135.SL.HT	HSK-A 63 HC03 135 SLIM	3	11	19.9	46	-	135	84	28	528,90 €
63A.H04.080.SL.HT	HSK-A 63 HC04 080 SLIM	4	11	14.0	46	-	80	28	28	510,70 €
63A.H04.090.SL.HT	HSK-A 63 HC04 090 SLIM	4	11	14.9	46	-	90	37	28	510,70 €
63A.H04.135.SL.HT	HSK-A 63 HC04 135 SLIM	4	11	19.9	46	-	135	84	28	528,90 €
63A.H06.135.SL.HT	HSK-A 63 HC06 135 SLIM	6	13	17.0	46	M5	90	38	37	456,00 €
63A.H06.150.SL.HT	HSK-A 63 HC06 150 SLIM	6	13	21.9	46	M5	135	84	37	474,10 €
63A.H06.165.SL.HT	HSK-A 63 HC06 165 SLIM	6	13	23.4	46	M5	150	99	37	521,60 €
63A.H06.180.SL.HT	HSK-A 63 HC06 180 SLIM	6	13	25.0	46	M5	165	114	37	592,70 €
63A.H08.090.SL.HT	HSK-A 63 HC08 090 SLIM	6	13	26.7	46	M5	180	130	37	656,60 €
63A.H08.135.SL.HT	HSK-A 63 HC08 135 SLIM	8	15	19.0	46	M6	90	38	37	456,00 €
63A.H08.150.SL.HT	HSK-A 63 HC08 150 SLIM	8	15	23.9	46	M6	135	84	37	474,10 €
63A.H08.165.SL.HT	HSK-A 63 HC08 165 SLIM	8	15	25.4	46	M6	150	99	37	521,60 €
63A.H08.180.SL.HT	HSK-A 63 HC08 180 SLIM	8	15	27.0	46	M6	165	114	37	592,70 €
63A.H10.105.SL.HT	HSK-A 63 HC10 105 SLIM	8	15	28.7	46	M6	180	130	37	656,60 €
63A.H10.135.SL.HT	HSK-A 63 HC10 135 SLIM	10	17	22.6	46	MS	105	53	41	456,00 €
63A.H10.150.SL.HT	HSK-A 63 HC10 150 SLIM	10	17	25.9	46	MS	135	84	41	474,10 €
63A.H10.165.SL.HT	HSK-A 63 HC10 165 SLIM	10	17	27.4	46	MS	150	99	41	521,60 €
63A.H10.180.SL.HT	HSK-A 63 HC10 180 SLIM	10	17	29.0	46	MS	165	114	41	592,70 €
63A.H12.105.SL.HT	HSK-A 63 HC12 105 SLIM	10	17	30.7	46	MS	180	130	41	656,60 €
63A.H12.135.SL.HT	HSK-A 63 HC12 135 SLIM	12	19	24.6	46	MS	105	53	46	456,00 €
63A.H12.150.SL.HT	HSK-A 63 HC12 150 SLIM	12	19	27.9	46	MS	135	84	46	474,10 €
63A.H12.165.SL.HT	HSK-A 63 HC12 165 SLIM	12	19	29.4	46	MS	150	99	46	521,60 €
63A.H12.180.SL.HT	HSK-A 63 HC12 180 SLIM	12	19	31.0	46	MS	165	114	46	592,70 €
63A.H12.180.SL.HT	HSK-A 63 HC12 180 SLIM	12	19	32.7	46	MS	180	130	46	656,60 €
63A.H16.135.SL.HT	HSK-A 63 HC16 135 SLIM	16	23	31.9	52.5	M12	135	84	49	474,10 €
63A.H16.165.SL.HT	HSK-A 63 HC16 165 SLIM	16	23	35.0	52.5	M12	165	114	49	592,70 €
63A.H16.180.SL.HT	HSK-A 63 HC16 180 SLIM	16	23	36.6	52.5	M12	180	129	49	656,60 €
63A.H20.150.SL.HT	HSK-A 63 HC20 150 SLIM	20	28	36.9	60	M16	150	84	51	474,10 €
63A.H20.180.SL.HT	HSK-A 63 HC20 180 SLIM	20	28	40.0	60	M16	180	114	51	592,70 €
63A.H20.195.SL.HT	HSK-A 63 HC20 195 SLIM	20	28	41.6	60	M16	195	129	51	656,60 €

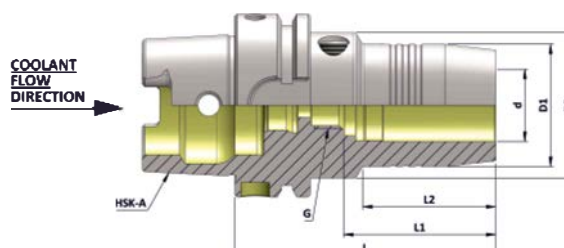
Hydraulic Expansion Chuck AD

Mandrino Idraulico AD

A ↗
≤0.003

RPM
G2.5/25000

AD



Code	Description	d	D1	D2	G	L	L1	L2	Euro
63A.H06.70.HT	HSK-A 63 H06 070	6	26	50	M5	70	37	24	308,50 €
63A.H06.120.HT	HSK-A 63 H06 120	6	26	50	M5	120	37	73	455,20 €
63A.H06.150.HT	HSK-A 63 H06 150	6	26	50	M5	150	37	103	528,60 €
63A.H06.200.HT	HSK-A 63 H06 200	6	26	50	M5	200	37	153	572,70 €
63A.H08.70.HT	HSK-A 63 H08 070	8	28	50	M6	70	37	25	308,50 €
63A.H08.120.HT	HSK-A 63 H08 120	8	28	50	M6	120	37	74	455,20 €
63A.H08.150.HT	HSK-A 63 H08 150	8	28	50	M6	150	37	104	528,60 €
63A.H08.200.HT	HSK-A 63 H08 200	8	28	50	M6	200	37	154	572,70 €
63A.H10.80.HT	HSK-A 63 H10 080	10	30	50	M8	80	41	35	308,50 €
63A.H10.120.HT	HSK-A 63 H10 120	10	30	50	M8	120	41	74	455,20 €
63A.H10.150.HT	HSK-A 63 H10 150	10	30	50	M8	150	41	104	528,60 €
63A.H10.200.HT	HSK-A 63 H10 200	10	30	50	M8	200	41	154	572,70 €
63A.H12.85.HT	HSK-A 63 H12 085	12	32	50	M10	85	46	40	308,50 €
63A.H12.120.HT	HSK-A 63 H12 120	12	32	50	M10	120	46	75	455,20 €
63A.H12.150.HT	HSK-A 63 H12 150	12	32	50	M10	150	46	105	528,60 €
63A.H12.200.HT	HSK-A 63 H12 200	12	32	50	M10	200	46	155	572,70 €
63A.H16.90.HT	HSK-A 63 H16 090	16	38	50	M12	90	49	46	308,50 €
63A.H16.120.HT	HSK-A 63 H16 120	16	38	50	M12	120	49	76	455,20 €
63A.H16.150.HT	HSK-A 63 H16 150	16	38	50	M12	150	49	106	528,60 €
63A.H16.200.HT	HSK-A 63 H16 200	16	38	50	M12	200	49	156	572,70 €
63A.H20.90.HT	HSK-A 63 H20 090	20	42	50	M16	90	51	48	308,50 €
63A.H20.120.HT	HSK-A 63 H20 120	20	42	50	M16	120	51	78	455,20 €
63A.H20.150.HT	HSK-A 63 H20 150	20	42	50	M16	150	51	108	528,60 €
63A.H20.200.HT	HSK-A 63 H20 200	20	42	50	M16	200	51	158	572,70 €

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 €

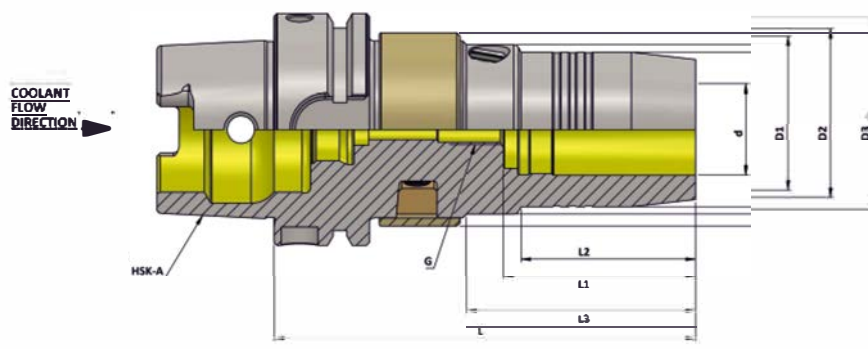
Hydraulic Expansion Chuck with "Run Out" adjustment AD

Mandrino Idraulico con regolazione assiale AD

A ↗
≤0.003

RPM
G2.5/25000

AD



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	729,40 €
63A.H32.RA.HT	HSK-A 63 H32 150	32	42	46	52.5	MB	150	51	50	65.5	875,40 €
100A.H20.RA.HT	HSK-A100 H20 120	20	42	46	52.5	MB	120	51	50	65.5	948,30 €
100A.H32.RA.HT	HSK-A 100 H32 150	32	42	46	52.5	MB	150	51	50	65.5	1.021,30 €

Hydraulic Expansion Chuck Heavy Duty power AD

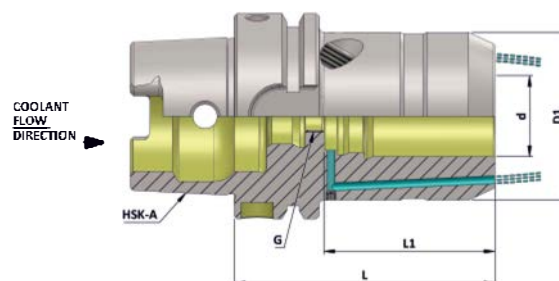
HEAVY DUTY
POWER

Mandrino Idraulico per impieghi gravosi AD

A ↗
≤0.003

RPM
G2.5/25000

AD



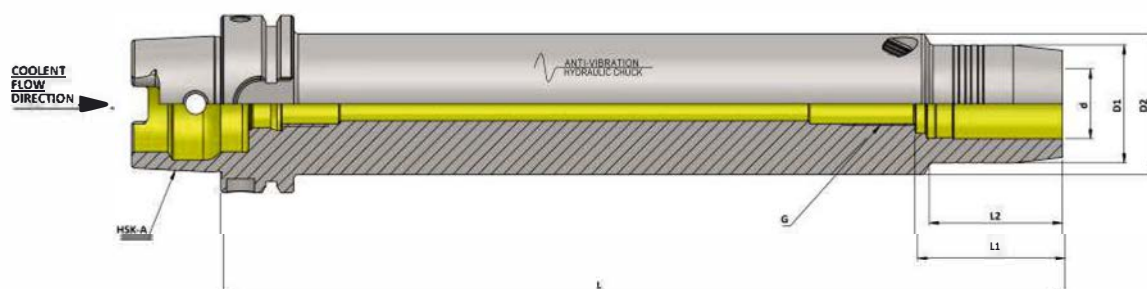
Code	Description	d	D1	G	L	L1	Euro
63A.H12.HD.HT	HSK-A 63 H12S 080 FCC	12	42		80	40	309,70 €
63A.H20.HD.HT	HSK-A 63 H20S 080 FCC	20	50		80	42	309,70 €
100A.H12.HD.HT	HSK-A 100 H12S 095 FCC	12	42	M10	95	40	363,00 €
100A.H20.HD.HT	HSK-A 100 H20S 090 FCC	20	50		90	42	363,00 €
100A.H32.HD.HT	HSK-A 100 H32S 110 FCC	32	72	M16	110	55	363,00 €

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	1.413,30 €
63A.H20.250AV.HT	HSK-A 63 H20 250 AD/AV	20	42	49.5	M16	250	51	47	1.805,40 €
63A.H20.300AV.HT	HSK-A 63 H20 300 AD/AV	20	42	49.5	M16	300	51	47	2.006,00 €
63A.H25.200AV.HT	HSK-A 63 H25 200 AD/AV	25	52	55	M16	200	57	50	1.458,90 €
63A.H25.250AV.HT	HSK-A 63 H25 250 AD/AV	25	52	55	M16	250	57	50	1.851,00 €
63A.H25.300AV.HT	HSK-A 63 H25 300 AD/AV	25	52	55	M16	300	57	50	2.051,60 €
63A.H32.200AV.HT	HSK-A 63 H32 200 AD/AV	32	62	63	M16	200	61	48	1.504,40 €
63A.H32.250AV.HT	HSK-A 63 H32 250 AD/AV	32	62	63	M16	250	61	48	1.896,60 €
63A.H32.300AV.HT	HSK-A 63 H32 300 AD/AV	32	62	63	M16	300	61	48	2.097,20 €

ERRECI
SISTEMI PER PRODURRE

Präzisions-Spannwerkzeuge

HIGH PRECISION TOOLHOLDERS

La tecnologia dei Mandrini !



Distributore di zona:

