

HSK

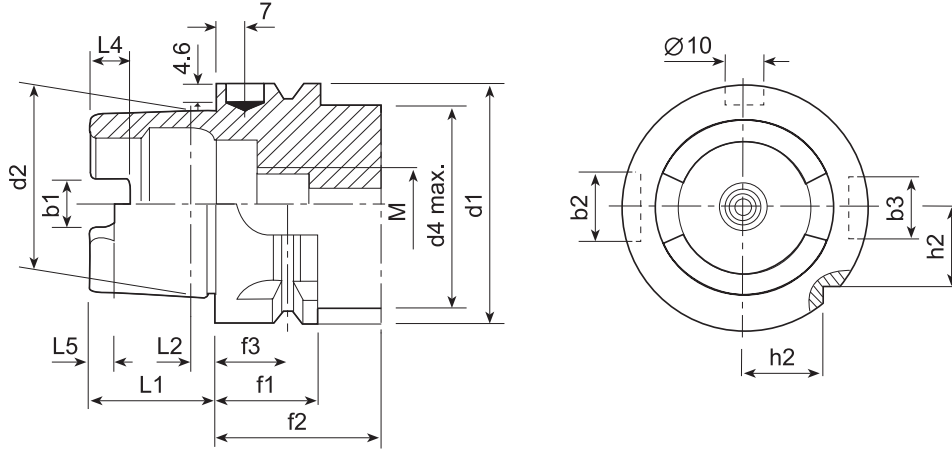
TAKIM TUTUCULAR

tool holders



Konik Şaft Ölçüleri

HSK-A DIN 63893 FORM A



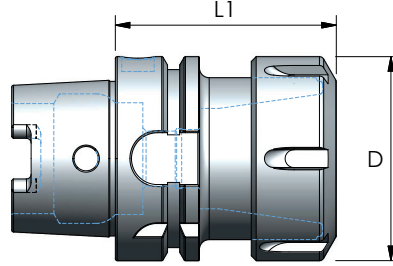
Tip Type	d1	d2 (mm)	d4 (mm)	L1 (mm)	L2 (mm)	L4 (mm)	L5 (mm)	M (mm)	f1 (mm)	f2 (mm)	f3 (mm)	b1 (mm)	b2 (mm)	b3 (mm)	h2 (mm)
HSK063A	63	48	53	32	6.3	10	6	M18xP0.1	26	42	18		16	18	20.0
HSK100A	100	75	85	50	10.0	15	10	M24xP1.5	29	45	20		20	22	31.5

Teknik Özellikler :

Technical Specifications

- Alaşımli sement çeliği Çekme mukavemeti min. 950 N/mm².
Case hardened stell, tensile strenght in the core min. 950 N/mm².
- Sertlik 58 HRC (-0.2 - + 0.2), sertlik derinliği 0.6 mm + 0.2 mm
Case Hardness of 58 HRC (-0.2 - + 0.2), Depth of case 0.6 (-0.2mm - + 0.2mm)
- Konik açısı tolerans kalitesi DIN 2080 normuna göre AT3 , Konik yüzey kalitesi Ra 0.2
Cone angle AT3 according DIN 2080, Surface roughness of cone Ra 0.2

DIN 698893 AD



Sipariş No. Order No.	Ürün Tanımı Product	Sıkma Kapasitesi Clamping Capacity	Pens Tipi Pens Type	D (mm)	L1 (mm)	Fiyat / Price (€)
CTT 363.10.16.100	HSK63A-ER16C-L100	1 - 10	ER16	32	100	
CTT 363.10.16.130	HSK63A-ER16C-L130	1 - 10	ER16	32	130	
CTT 363.10.16.160	HSK63A-ER16C-L160	1 - 10	ER16	32	160	
CTT 363.10.25.100	HSK63A-ER25C-L100	1 - 16	ER25	42	100	
CTT 363.10.25.130	HSK63A-ER25C-L130	1 - 16	ER25	42	130	
CTT 363.10.25.160	HSK63A-ER25C-L160	1 - 16	ER25	42	160	
CTT 363.10.32.100	HSK63A-ER32C-L100	2 - 20	ER32	50	100	
CTT 363.10.32.130	HSK63A-ER32C-L130	2 - 20	ER32	50	130	
CTT 363.10.32.160	HSK63A-ER32C-L160	2 - 20	ER32	50	160	
CTT 363.10.40.100	HSK63A-ER40C-L100	3 - 26	ER40	63	100	
CTT 363.10.40.130	HSK63A-ER40C-L130	3 - 26	ER40	63	130	
CTT 363.10.40.160	HSK63A-ER40C-L160	3 - 26	ER40	63	160	
CTT 310.10.16.100	HSK100A-ER16C-L100	1 - 10	ER16	32	100	
CTT 310.10.16.160	HSK100A-ER16C-L160	1 - 10	ER16	32	160	
CTT 310.10.25.100	HSK100A-ER25C-L100	1 - 16	ER25	42	100	
CTT 310.10.25.160	HSK100A-ER25C-L160	1 - 16	ER25	42	160	
CTT 310.10.32.100	HSK100A-ER32C-L100	2 - 20	ER32	50	100	
CTT 310.10.32.160	HSK100A-ER32C-L160	2 - 20	ER32	50	160	
CTT 310.10.40.120	HSK100A-ER40C-L120	3 - 26	ER40	63	120	
CTT 310.10.40.160	HSK100A-ER40C-L160	3 - 26	ER40	63	160	



Pens Kapağı
Clamping NUT
90



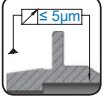
Pens
Collet
78-82



ER Tipi Anahtar
Wrench
92



Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

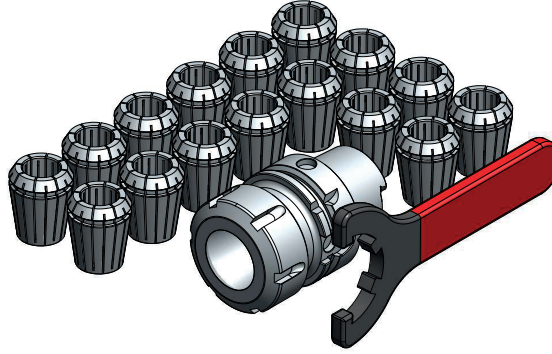


ER Tipi DIN 6449 Pens Başlığı

Collet chucks for collets DIN 6499 ER



DIN 698893 AD



Sipariş No. Order No.	Ürün Tanımı Product	Kapasitesi Capacity	Pens Tipi Pens Type	Pensler Collets	Fiyat / Price (€)
CTT 363.10.25.00	HSK63A-25-SET	3 - 16	ER25	3-4-5-6-7-8-9-10-11-12-14-16	
CTT 363.10.32.00	HSK63A-32-SET	4 - 20	ER32	4-5-6-7-8-9-10-11-12-14-15-16-17-18-20	
CTT 363.10.40.00	HSK63A-40-SET	4 - 26	ER40	4-5-6-7-8-9-10-12-14-16-18-20-22-24-25-26	
CTT 310.10.25.00	HSK100A-25-SET	3 - 16	ER32	3-4-5-6-7-8-9-10-11-12-14-16	
CTT 310.10.32.00	HSK100A-32-SET	4 - 20	ER40	4-5-6-7-8-9-10-11-12-14-15-16-17-18-20	
CTT 310.10.40.00	HSK100A-40-SET	4 - 26		4-5-6-7-8-9-10-12-14-16-18-20-22-24-25-26	



Pens Kapağı
Clamping NUT
90



Pens
Collet
78-82



ER Tipi Anahtar
Wrench
92

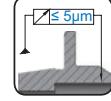


Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

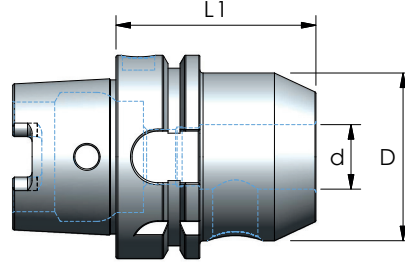
Veldon Tutucu DIN6359 Silindirik Şaftlı DIN1835-B

End mill holder DIN 6359

For Weldon Type End Mills Din 1835



DIN 698893 AD



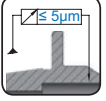
Sipariş No. Order No.	Ürün Tanımı Product	d1 (mm)	D (mm)	L1 (mm)	Fiyat / Price (€)
CTT 363.20.06.065	HSK63A-VT06C-L065	6	25	065	
CTT 363.20.06.100	HSK63A-VT06C-L100	6	25	100	
CTT 363.20.06.130	HSK63A-VT06C-L130	6	25	130	
CTT 363.20.06.160	HSK63A-VT06C-L160	6	25	160	
CTT 363.20.08.065	HSK63A-VT08C-L065	08	28	065	
CTT 363.20.08.100	HSK63A-VT08C-L100	08	28	100	
CTT 363.20.08.130	HSK63A-VT08C-L130	08	28	130	
CTT 363.20.08.160	HSK63A-VT08C-L160	08	28	160	
CTT 363.20.10.065	HSK63A-VT10C-L065	10	35	065	
CTT 363.20.10.100	HSK63A-VT10C-L100	10	35	100	
CTT 363.20.10.130	HSK63A-VT10C-L130	10	35	130	
CTT 363.20.10.160	HSK63A-VT10C-L160	10	35	160	
CTT 363.20.12.080	HSK63A-VT12C-L080	12	42	080	
CTT 363.20.12.130	HSK63A-VT12C-L130	12	42	130	
CTT 363.20.12.160	HSK63A-VT12C-L160	12	42	160	
CTT 363.20.14.080	HSK63A-VT14C-L080	14	44	080	
CTT 363.20.14.130	HSK63A-VT14C-L130	14	44	130	
CTT 363.20.14.160	HSK63A-VT14C-L160	14	44	160	



Sıkma Civatası
Clamping Screw
96



Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

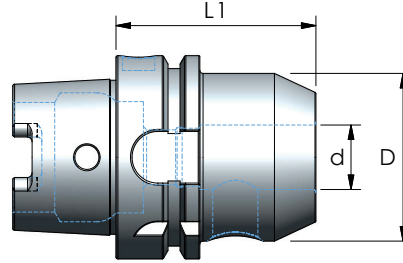


Veldon Tutucu DIN6359 Silindirik Şaftlı DIN1835-B

End mill holder DIN 6359

For Weldon Type End Mills Din 1835

DIN 698893 AD



Sipariş No. Order No.	Ürün Tanımı Product	d1 (mm)	D (mm)	L1 (mm)	Fiyat / Price (€)
CTT 363.20.16.080	HSK63A-VT16C-L080	16	48	080	
CTT 363.20.16.130	HSK63A-VT16C-L130	16	48	130	
CTT 363.20.16.160	HSK63A-VT16C-L160	16	48	160	
CTT 363.20.18.080	HSK63A-VT18C-L080	18	50	080	
CTT 363.20.18.130	HSK63A-VT18C-L130	18	50	130	
CTT 363.20.18.160	HSK63A-VT18C-L160	18	50	160	
CTT 363.20.20.080	HSK63A-VT20C-L080	20	52	080	
CTT 363.20.20.130	HSK63A-VT20C-L130	20	52	130	
CTT 363.20.20.160	HSK63A-VT20C-L160	20	52	160	
CTT 363.20.25.110	HSK63A-VT25C-L110	25	65	110	
CTT 363.20.32.110	HSK63A-VT32C-L110	32	72	110	
CTT 363.20.40.125	HSK63A-VT40C-L125	40	80	125	



Sıkma Civatası
Clamping Screw
96

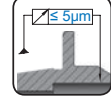


Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

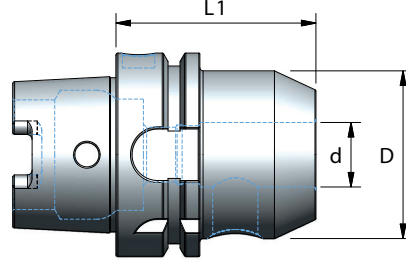
Veldon Tutucu DIN6359 Silindirik Şaftlı DIN1835-B

End mill holder DIN 6359

For Weldon Type End Mills Din 1835



DIN 698893 AD



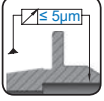
Sipariş No. Order No.	Ürün Tanımı Product	d1 (mm)	D (mm)	L1 (mm)	Fiyat / Price (€)
CTT 310.20.06.080	HSK100A-VT06C-L080	6	25	080	
CTT 310.20.06.130	HSK100A-VT06C-L130	6	25	130	
CTT 310.20.06.160	HSK100A-VT06C-L160	6	25	160	
CTT 310.20.08.080	HSK100A-VT08C-L080	8	28	080	
CTT 310.20.08.130	HSK100A-VT08C-L130	8	28	130	
CTT 310.20.08.160	HSK100A-VT08C-L160	8	28	160	
CTT 310.20.10.080	HSK100A-VT10C-L080	10	35	080	
CTT 310.20.10.130	HSK100A-VT10C-L130	10	35	130	
CTT 310.20.10.160	HSK100A-VT10C-L160	10	35	160	
CTT 310.20.12.080	HSK100A-VT12C-L080	12	42	080	
CTT 310.20.12.130	HSK100A-VT12C-L130	12	42	130	
CTT 310.20.12.160	HSK100A-VT12C-L160	12	42	160	
CTT 310.20.14.080	HSK100A-VT14C-L080	14	44	080	
CTT 310.20.14.130	HSK100A-VT14C-L130	14	44	130	
CTT 310.20.14.160	HSK100A-VT14C-L160	14	44	160	
CTT 310.20.16.100	HSK100A-VT16C-L100	16	48	100	
CTT 310.20.16.130	HSK100A-VT16C-L130	16	48	130	
CTT 310.20.16.160	HSK100A-VT16C-L160	16	48	160	



Sıkma Civatası
Clamping Screw
96



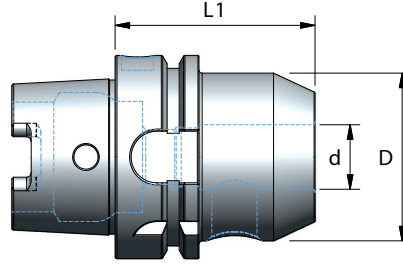
Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95



Veldon Tutucu DIN6359 Silindirik Şaftlı DIN1835-B

End mill holder DIN 6359
For Weldon Type End Mills Din 1835

DIN 698893 AD



Sipariş No. Order No.	Ürün Tanımı Product	d1 (mm)	D (mm)	L1 (mm)	Fiyat / Price (€)
CTT 310.20.18.100	HSK100A-VT18C-L100	18	50	100	
CTT 310.20.18.130	HSK100A-VT18C-L130	18	50	130	
CTT 310.20.18.160	HSK100A-VT18C-L160	18	50	160	
CTT 310.20.20.100	HSK100A-VT20C-L100	20	52	100	
CTT 310.20.20.130	HSK100A-VT20C-L130	20	52	130	
CTT 310.20.20.160	HSK100A-VT20C-L160	20	52	160	
CTT 310.20.25.100	HSK100A-VT25C-L100	25	65	100	
CTT 310.20.25.130	HSK100A-VT25C-L130	25	65	130	
CTT 310.20.25.160	HSK100A-VT25C-L160	25	65	160	
CTT 310.20.32.100	HSK100A-VT32C-L100	32	72	100	
CTT 310.20.32.130	HSK100A-VT32C-L130	32	72	130	
CTT 310.20.32.160	HSK100A-VT32C-L160	32	72	160	
CTT 310.20.40.105	HSK100A-VT40C-L105	40	80	105	
CTT 310.20.40.130	HSK100A-VT40C-L130	40	80	130	
CTT 310.20.40.160	HSK100A-VT40C-L160	40	80	160	



Sıkma Cıvatası
Clamping Screw
96

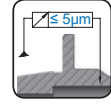


Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

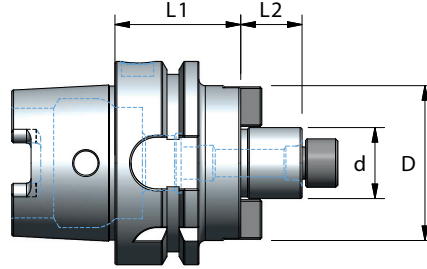
Alın Kamalı Malafa DIN 6357

Shel Mill Holder DIN6357

for Cutters With Driving Slot



DIN 698893 AD



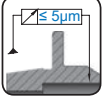
Sipariş No. Order No.	Ürün Tanımı Product	d (mm)	D (mm)	L2 (mm)	L1 (mm)	Fiyat / Price (€)
CTT 363.30.16.050	HSK63A-SM16C-L050	16	38	17	050	
CTT 363.30.16.100	HSK63A-SM16C-L100	16	38	17	100	
CTT 363.30.16.130	HSK63A-SM16C-L130	16	38	17	130	
CTT 363.30.16.160	HSK63A-SM16C-L160	16	38	17	160	
CTT 363.30.22.050	HSK63A-SM22C-L050	22	48	19	050	
CTT 363.30.22.100	HSK63A-SM22C-L100	22	48	19	100	
CTT 363.30.22.130	HSK63A-SM22C-L130	22	48	19	130	
CTT 363.30.22.160	HSK63A-SM22C-L160	22	48	19	160	
CTT 363.30.27.060	HSK63A-SM27C-L060	27	58	21	060	
CTT 363.30.27.100	HSK63A-SM27C-L100	27	58	21	100	
CTT 363.30.27.130	HSK63A-SM27C-L130	27	58	21	130	
CTT 363.30.27.160	HSK63A-SM27C-L160	27	58	21	160	
CTT 363.30.32.060	HSK63A-SM32C-L060	32	78	24	060	
CTT 363.30.32.100	HSK63A-SM32C-L100	32	78	24	100	
CTT 363.30.32.130	HSK63A-SM32C-L130	32	78	24	130	
CTT 363.30.32.160	HSK63A-SM32C-L160	32	78	24	160	
CTT 363.30.40.060	HSK63A-SM40C-L060	40	88	27	060	
CTT 363.30.40.100	HSK63A-SM40C-L100	40	88	27	100	
CTT 363.30.40.130	HSK63A-SM40C-L130	40	88	27	130	
CTT 363.30.40.160	HSK63A-SM40C-L160	40	88	27	160	



Takım Sıkma Civatası
Draw-in Bolt
95



Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95



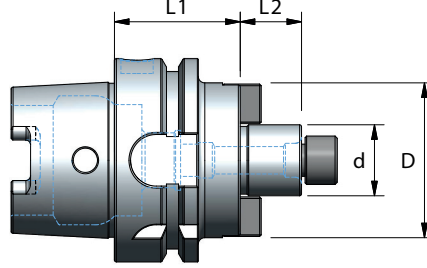
Alın Kamalı Malafa DIN 6357

Shel Mill Holder DIN6357

for Cutters With Driving Slot



DIN 698893 AD



Sipariş No. Order No.	Ürün Tanımı Product	d (mm)	D (mm)	L2 (mm)	L1 (mm)	Fiyat / Price (€)
CTT 310.30.16.050	HSK100A-SM16C-L050	16	38	17	050	
CTT 310.30.16.100	HSK100A-SM16C-L100	16	38	17	100	
CTT 310.30.16.130	HSK100A-SM16C-L130	16	38	17	130	
CTT 310.30.16.160	HSK100A-SM16C-L160	16	38	17	160	
CTT 310.30.22.050	HSK100A-SM22C-L050	22	48	19	050	
CTT 310.30.22.100	HSK100A-SM22C-L100	22	48	19	100	
CTT 310.30.22.130	HSK100A-SM22C-L130	22	48	19	130	
CTT 310.30.22.160	HSK100A-SM22C-L160	22	48	19	160	
CTT 310.30.27.050	HSK100A-SM27C-L050	27	58	21	050	
CTT 310.30.27.100	HSK100A-SM27C-L100	27	58	21	100	
CTT 310.30.27.130	HSK100A-SM27C-L130	27	58	21	130	
CTT 310.30.27.160	HSK100A-SM27C-L160	27	58	21	160	
CTT 310.30.32.050	HSK100A-SM32C-L050	32	78	24	050	
CTT 310.30.32.100	HSK100A-SM32C-L100	32	78	24	100	
CTT 310.30.32.130	HSK100A-SM32C-L130	32	78	24	130	
CTT 310.30.32.160	HSK100A-SM32C-L160	32	78	24	160	
CTT 310.30.40.060	HSK100A-SM40C-L060	40	88	27	60	
CTT 310.30.40.100	HSK100A-SM40C-L100	40	88	27	100	
CTT 310.30.40.130	HSK100A-SM40C-L130	40	88	27	130	
CTT 310.30.40.160	HSK100A-SM40C-L160	40	88	27	160	
CTT 310.30.60.070	HSK100A-SM60C-L070	60	128	40	070	
CTT 310.30.60.100	HSK100A-SM60C-L100	60	128	40	100	
CTT 310.30.60.130	HSK100A-SM60C-L130	60	128	40	130	
CTT 310.30.60.160	HSK100A-SM60C-L160	60	128	40	160	

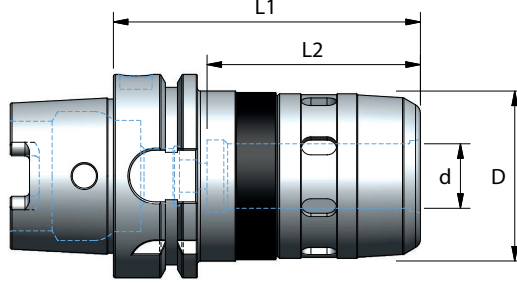


Takım Sıkma Civatası
Draw-in Bolt
95



Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

DIN 698893 AD



Sipariş No. Order No.	Ürün Tanımı Product	Kapasite Capacity	d (mm)	D (mm)	L2 (mm)	L1 (mm)	Fiyat / Price (€)
CTT 363.50.20.095	HSK63A-RM20C-L095	6 - 20	20	48	80	095	
CTT 363.50.20.130	HSK63A-RM20C-L130	6 - 20	20	48	80	130	
CTT 363.50.20.160	HSK63A-RM20C-L160	6 - 20	20	48	80	160	
CTT 363.50.20.200	HSK63A-RM20C-L200	6 - 20	20	48	80	200	
CTT 363.50.32.110	HSK63A-RM32C-L110	6 - 32	32	68	80	110	
CTT 363.50.32.130	HSK63A-RM32C-L130	6 - 32	32	68	80	130	
CTT 363.50.32.160	HSK63A-RM32C-L160	6 - 32	32	68	80	160	
CTT 363.50.32.200	HSK63A-RM32C-L200	6 - 32	32	68	80	200	
CTT 310.50.20.105	HSK100A-RM20C-L105	6 - 20	20	48	80	105	
CTT 310.50.20.130	HSK100A-RM20C-L130	6 - 20	20	48	80	130	
CTT 310.50.20.160	HSK100A-RM20C-L160	6 - 20	20	48	80	160	
CTT 310.50.20.200	HSK100A-RM20C-L200	6 - 20	20	48	80	200	
CTT 310.50.32.105	HSK100A-RM32C-L105	6 - 32	32	68	80	105	
CTT 310.50.32.130	HSK100A-RM32C-L130	6 - 32	32	68	80	130	
CTT 310.50.32.160	HSK100A-RM32C-L160	6 - 32	32	68	80	160	
CTT 310.50.32.200	HSK100A-RM32C-L200	6 - 32	32	68	80	200	



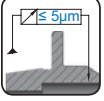
Pens
Collet
83



Ay Anahtarı
Wrench
92



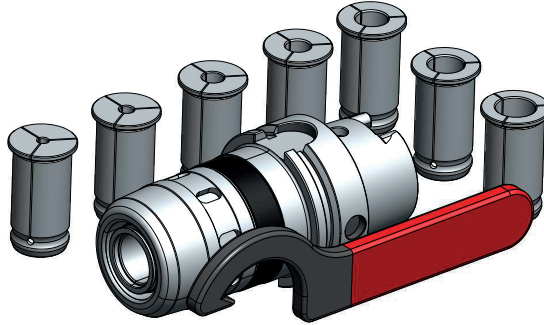
Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95



Bilyalı Pens Tutucu Seti Precision Milling Chuck Set



MAS 403 BT-AD



Sipariş No. Order No.	Ürün Tanımı Product	Kapasitesi Capacity	Pens Tipi Pens Type	Pensler Collets	Fiyat / Price (€)
CTT 363.50.20.00	HSK63-RM20-SET	6 - 20	RM20	6-8-10-12-16	
CTT 363.50.32.00	HSK63-RM32-SET	6 - 32	RM32	6-8-10-12-16-20-25	
CTT 310.50.20.00	HSK100-RM20-SET	6 - 20	RM20	6-8-10-12-16	
CTT 310.50.32.00	HSK100-RM32-SET	6 - 32	RM32	6-8-10-12-16-20-25	



Pens
Collet
83

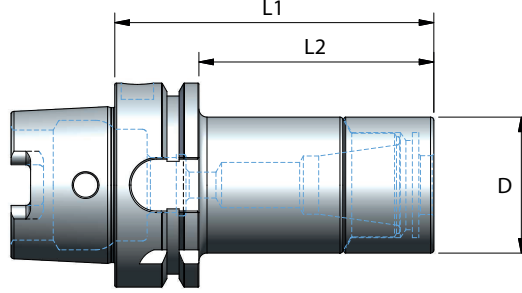


Ay Anahtarı
Wrench
92



Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

DIN 698893 AD



Sipariş No. Order No.	Ürün Tanımı Product	Sıkma Kapasitesi Clamping Capacity	D (mm)	L2 (mm)	L1 (mm)	Fiyat / Price (€)
CTT 363.60.06.100	HSK63A-SK06C-L100	2 - 06	20	077	100	
CTT 363.60.10.100	HSK63A-SK10C-L100	2 - 10	27	077	100	
CTT 363.60.13.100	HSK63A-SK13C-L100	3 - 13	33	087	100	
CTT 363.60.16.130	HSK63A-SK16C-L130	3 - 16	40	107	130	
CTT 363.60.20.130	HSK63A-HS20C-L130	3 - 20	48	107	130	
CTT 310.60.06.105	HSK100A-SK06C-L105	2 - 06	20	077	105	
CTT 310.60.10.105	HSK100A-SK10C-L105	2 - 10	27	077	105	
CTT 310.60.13.105	HSK100A-SK13C-L105	3 - 13	33	087	105	
CTT 310.60.16.130	HSK100A-SK16C-L130	3 - 16	40	107	130	
CTT 310.60.20.130	HSK100A-HS20C-L130	3 - 20	48	107	130	



Pens Kapağı
Clamping NUT
91



Pens
Collet
84-88



Sıkma Anahtarı
Wrench
94



Pens sökme Aparatı
Remove for Collet
94

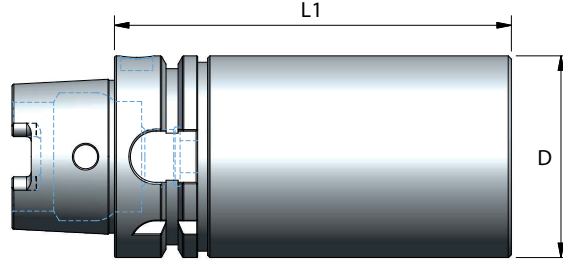


Soğutma Suyu Ünitesi
Delivery Unit for Coolant
95

Özel takımlar için işlenmemiş blok tutucu

Boring bar blanks for special tools

DIN 698893 A

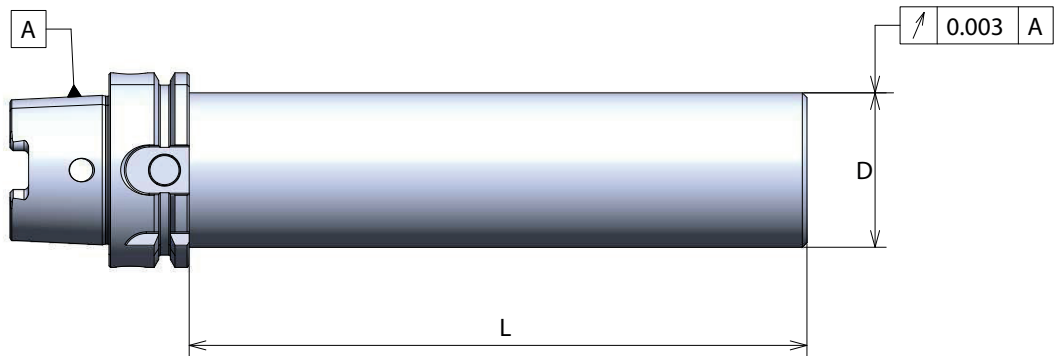


Sipariş No. Order No.	Ürün Kodu Product Code	D (mm)	L1 (mm)	Fiyat / Price (€)
CTT 363.70.40.160	HSK063A-BB40C-L160	40	160	
CTT 363.70.40.200	HSK063A-BB40C-L200	63	200	
CTT 310.70.97.160	HSK100A-BB97C-L160	97	160	
CTT 310.70.97.250	HSK100A-BB97C-L250	97	250	

Fener mili kontrol mastarı

Spendle control gauge

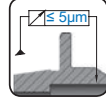
DIN 698893 A



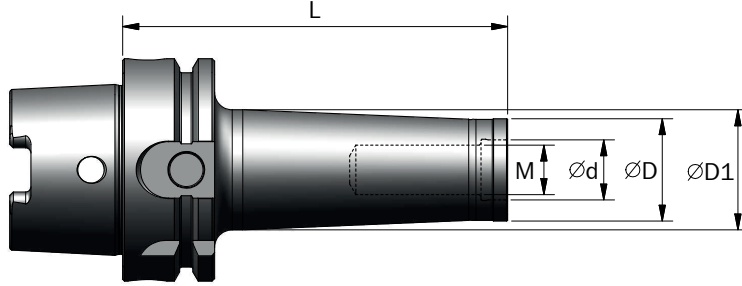
Sipariş No. Order No.	Ürün Tanımı Product	D (mm)	L (mm)	Fiyat / Price (€)
CTT 363.75.63.300	HSK063A-M63-L300	40	300	
CTT 310.75.63.300	HSK100A-M63-L300	50	300	

Vidalı Modüler Tutucu

Modular Toolholder for screw-on type milling cutters



DIN 698893 AD



Sipariş No. Order No.	Ürün Kodu Product Code	M (mm)	d (mm)	D (mm)	D1 (mm)	L (mm)	Fiyat / Price (€)
CTT 363.40.10.076	HSK63A-M10C-L076	M10	10.5	18	23	076	
CTT 363.40.10.101	HSK63A-M10C-L101	M10	10.5	18	28	101	
CTT 363.40.10.126	HSK63A-M10C-L126	M10	10.5	18	32	126	
CTT 363.40.12.101	HSK63A-M12C-L101	M12	12.5	21	24	076	
CTT 363.40.12.076	HSK63A-M12C-L076	M12	12.5	21	31	101	
CTT 363.40.12.126	HSK63A-M12C-L126	M12	12.5	21	33	126	
CTT 363.40.16.076	HSK63A-M16C-L076	M16	17.0	29	34	076	
CTT 363.40.16.101	HSK63A-M16C-L101	M16	17.0	29	34	101	
CTT 363.40.16.126	HSK63A-M16C-L126	M16	17.0	29	36	126	