

TAMTAKIM APARAT

CNC / UNIVERSAL

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CNC Takım Tutucu Sistemleri

CNC Tool Holding Systems

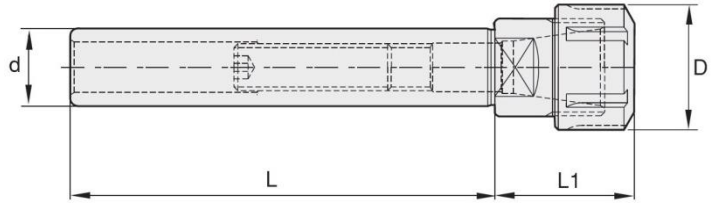


- SİLİNDİR ŞAFTLI PENS TUTUCULAR
- SL (SİLİNDİR ŞAFTLI) PENS TUTUCULARI
- SİLİNDİRİK ŞAFTLI İÇTEN ÇEKME Lİ TUTUCULAR
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- SK HASSAS ANAHTAR
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- BT 40 SDC İÇTEN ÇEKTİRMELİ TUTUCU
- SDC PENS
- SİLİNDİR ŞAFTLI KILAVUZ ÇEKME BAŞLIĞI
- BT40 KILAVUZ ÇEKME BAŞLIĞI
- EMNİYET Lİ TİP KILAVUZ PENS LERİ
- BT 40 KAMALI MORS ADAPTÖRÜ
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- BT 40 SHRİNK TUTUCU (KALIN CİDAR Lİ 4,5°)
- BT40 SHRİNK TUTUCU (İNCE CİDAR Lİ 3°)
- SHRİNK TUTUCU ISITMA MAKİNALARI
- BBT 40 PENS BAŞLIĞI (ER TİPİ)
- BBT 40 VELDON TUTUCU
- BBT 40 MANDREN Lİ BAŞLIKLAR
- BBT 40 ALIN KAMALI MALAFA
- BBT 40 VİDALI TUTUCU HASSASİYET : 0.005
- BBT 40 RULMAN Lİ TUTUCU
- BBT40 RULMAN Lİ TUTUCU SET

- Cylindrical Shank Collet Holders
- SL (Cylindrical Shank) Collet Holders
- Cylindrical Shank Internal Draw-Type Holders
- BT 30 Collet Chuck (ER Type)
- BT 30 Face Drive Arbor
- BT 30 Weldon Holder
- BT 40 Collet Chuck (ER Type)
- BT 40 Collet Chuck (OZ Type)
- BT 40 Drill Chuck Holders
- BT 40 Drill Chuck Arbors
- BT 40 Face Drive Arbor
- BT 40 Weldon Holder
- BT 40 Threaded Holder
- BT 40 Bearing Type Holder
- Spare Collet for Bearing Holder
- BT 40 Bearing Holder Set
- BT 40 SK Precision Holder
- SK06 (Precision) Collet
- SK10 (Precision) Collet
- SK16 (Precision) Collet
- SK Precision Wrench
- SK Precision Nut
- BT 40 SDC Internal Draw-Type Holder
- SDC Collet
- Cylindrical Shank Tapping Chuck
- BT 40 Tapping Chuck
- Safety Type Tapping Collets
- BT 40 Keyed Morse Taper Adapter
- BT 40 Drawbolt Type Morse Taper Adapter
- BT 40 Shrink Fit Holder (Thick Wall 4.5°)
- BT 40 Shrink Fit Holder (Thin Wall 3°)
- Shrink Fit Heating Machines
- BBT 40 Collet Chuck (ER Type)
- BBT 40 Weldon Holder
- BBT 40 Drill Chuck Holders
- BBT 40 Face Drive Arbor
- BBT 40 Threaded Holder (Runout: 0.005)
- BBT 40 Bearing Type Holder
- BBT 40 Bearing Holder Set

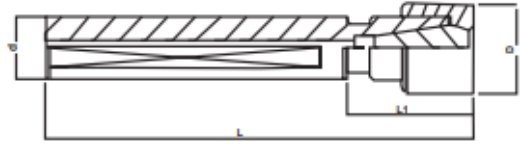
- BBT40 KILAVUZ ÇEKME BAŞLIĞI
- BBT 40 HİDROLİK TUTUCU
- BBT40 HİDROLİK TUTUCU SET
- BBT 40 SDC İÇTEN ÇEKTİRMELİ TUTUCU
- BBT 40 SK HASSAS TUTUCU
- BBT40 SHRİNK TUTUCU (KALIN CİDARLI 4,5°)
- BBT40 SHRİNK TUTUCU (İNCE CİDARLI 3°)
- BT 50 PENS BAŞLIĞI (ER TİPİ)
- BT 50 ALIN KAMALI MALAFA
- BT 50 VELDON TUTUCU
- BT 50 VİDALI TUTUCU
- BT 50 RULMANLI TUTUCU
- BT50 RULMANLI TUTUCU SET
- BT 50 HİDROLİK TUTUCU
- BT50 HİDROLİK TUTUCU SET
- BT 50 SDC İÇTEN ÇEKTİRMELİ TUTUCU
- BT 50 SK HASSAS TUTUCU
- BT50 KILAVUZ ÇEKME BAŞLIĞI
- BT 50 MANDRENLİ BAŞLIKLAR
- BBT 50 PENS BAŞLIĞI (ER TİPİ)
- BBT 50 ALIN KAMALI MALAFA
- BBT 50 VELDON TUTUCU
- BBT 50 VİDALI TUTUCU
- BBT 50 RULMANLI TUTUCU
- BBT50 RULMANLI TUTUCU SET
- BBT 50 HİDROLİK TUTUCU
- BBT50 HİDROLİK TUTUCU SET
- BBT 50 SDC İÇTEN ÇEKTİRMELİ TUTUCU
- BBT 50 SK HASSAS TUTUCU
- BBT50 KILAVUZ ÇEKME BAŞLIĞI
- BBT 50 MANDRENLİ BAŞLIKLAR
- SK 40 PENS BAŞLIĞI (ER TİPİ)
- SK 40 VELDON TUTUCU
- SK 40 MANDRENLİ BAŞLIKLAR
- SK 40 ALIN KAMALI MALAFA
- SK 40 VİDALI TUTUCU
- SK 40 RULMANLI TUTUCU
- SK 40 RULMANLI TUTUCU SET
- SK40 KILAVUZ ÇEKME BAŞLIĞI
- SK 40 HİDROLİK TUTUCU
- SK 40 HİDROLİK TUTUCU SET
- SK 40 SDC İÇTEN ÇEKTİRMELİ TUTUCU
- SK 40 SK HASSAS TUTUCU
- İSO 40 PENS TUTUCULAR
- MORS KONİK PENS BAŞLIKLARI
- HSK63A TUTUCULAR
- REDÜKSİYON TUTUCULAR
- BARA TAKIMLARI
- BBT 40 Tapping Chuck
- BBT 40 Hydraulic Holder
- BBT 40 Hydraulic Holder Set
- BBT 40 SDC Internal Draw-Type Holder
- BBT 40 SK Precision Holder
- BBT 40 Shrink Fit Holder (Thick Wall 4.5°)
- BBT 40 Shrink Fit Holder (Thin Wall 3°)
- BT 50 Collet Chuck (ER Type)
- BT 50 Face Drive Arbor
- BT 50 Weldon Holder
- BT 50 Threaded Holder
- BT 50 Bearing Type Holder
- BT 50 Bearing Holder Set
- BT 50 Hydraulic Holder
- BT 50 Hydraulic Holder Set
- BT 50 SDC Internal Draw-Type Holder
- BT 50 SK Precision Holder
- BT 50 Tapping Chuck
- BT 50 Drill Chuck Holders
- BBT 50 Collet Chuck (ER Type)
- BBT 50 Face Drive Arbor
- BBT 50 Weldon Holder
- BBT 50 Threaded Holder
- BBT 50 Bearing Type Holder
- BBT 50 Bearing Holder Set
- BBT 50 Hydraulic Holder
- BBT 50 Hydraulic Holder Set
- BBT 50 SDC Internal Draw-Type Holder
- BBT 50 SK Precision Holder
- BBT 50 Tapping Chuck
- BBT 50 Drill Chuck Holders
- SK 40 Collet Chuck (ER Type)
- SK 40 Weldon Holder
- SK 40 Drill Chuck Holders
- SK 40 Face Drive Arbor
- SK 40 Threaded Holder
- SK 40 Bearing Type Holder
- SK 40 Bearing Holder Set
- SK 40 Tapping Chuck
- SK 40 Hydraulic Holder
- SK 40 Hydraulic Holder Set
- SK 40 SDC Internal Draw-Type Holder
- SK 40 SK Precision Holder
- ISO 40 Collet Holders
- Morse Taper Collet Chucks
- HSK63A Holders
- Reduction Holders
- Boring Bar Sets

SİLİNDİR ŞAFTLI PENS TUTUCULAR



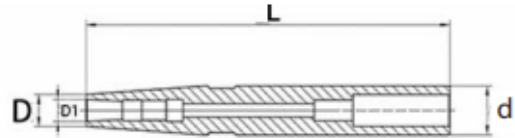
KOD	d (mm)	PENS	L (mm)	D (mm)	KAPAK	KAPASİTE (mm)	FİYAT USD
SV08ER08100	C8	ER8	100	12	mini	1-5	14,00 \$
SV08ER08150	C8	ER8	150	12	mini	1-5	14,00 \$
SV10ER08100	C10	ER8	100	12	mini	1-5	14,00 \$
SV10ER08150	C10	ER8	150	12	mini	1-5	14,00 \$
SV12ER11100	C12	ER11	100	16	mini	1-7	14,00 \$
SV12ER11150	C12	ER11	150	16	mini	1-7	14,00 \$
SV12ER11200	C12	ER11	200	16	mini	1-7	22,00 \$
SV16ER11100	C16	ER11	100	16	mini	1-7	14,00 \$
SV16ER11150	C16	ER11	150	16	mini	1-7	14,00 \$
SV16ER1670	C16	ER16	70	22	mini	1-10	14,00 \$
SV16ER16150	C16	ER16	150	22	mini	1-10	14,00 \$
SV16ER16200	C16	ER16	200	22	mini	1-10	22,00 \$
SV16ER20100	C16	ER20	100	28	mini	1-13	14,00 \$
SV16ER20150	C16	ER20	150	28	mini	1-13	14,00 \$
SV16ER20200	C16	ER20	200	28	mini	1-13	22,00 \$
SV20ER1650	C20	ER16	50	22	mini	1-10	15,00 \$
SV20ER16100	C20	ER16	100	22	mini	1-10	15,00 \$
SV20ER16150	C20	ER16	150	22	mini	1-10	15,00 \$
SV20ER16200	C20	ER16	200	22	mini	1-10	22,00 \$
SV20ER2070	C20	ER20	70	28	mini	1-13	15,00 \$
SV20ER20100	C20	ER20	100	28	mini	1-13	15,00 \$
SV20ER20150	C20	ER20	150	28	mini	1-13	15,00 \$
SV20ER20200	C20	ER20	200	28	mini	1-13	22,00 \$
SV20ER2550	C20	ER25	50	42	um	1-16	22,50 \$
SV20ER25100	C20	ER25	100	42	um	1-16	22,50 \$
SV20ER25150	C20	ER25	150	42	um	1-16	22,50 \$
SV20ER25200	C20	ER25	200	42	um	1-16	27,00 \$
SV25ER2550	C25	ER25	50	42	um	1-16	22,50 \$
SV25ER25100	C25	ER25	100	42	um	1-16	22,50 \$
SV25ER25150	C25	ER25	150	42	um	1-16	22,50 \$
SV25ER25200	C25	ER25	200	42	um	1-16	27,00 \$
SV25ER32150	C25	ER32	150	50	um	1-20	22,50 \$
SV25ER32200	C25	ER32	200	50	um	1-20	27,00 \$
SV32ER25150	C32	ER25	150	42	um	1-16	22,50 \$
SV32ER32100	C32	ER32	100	50	um	1-20	27,50 \$
SV32ER32150	C32	ER32	150	50	um	1-20	27,50 \$
SV32ER32200	C32	ER32	200	50	um	1-20	40,00 \$
SV32ER40100	C32	ER40	100	63	um	1-26	35,00 \$
SV32ER40150	C32	ER40	150	63	um	1-26	35,00 \$
SV40ER32150	C40	ER32	150	50	um	1-20	35,00 \$
SV40ER40100	C40	ER40	100	63	um	1-26	35,00 \$
SV40ER40150	C40	ER40	150	63	um	1-26	35,00 \$

SL (SİLİNDİR ŞAFTLI) PENS TUTUCULARI

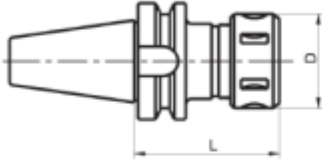


KOD	KAPASİTE (mm)	d(mm)	D(mm)	L(mm)	L1(mm)	FİYAT USD
SL16ER11M	1-7	16	16	76,60	16,60	22,00 \$
SL16ER16M	1-10	16	22	86,60	26,60	22,00 \$
SL20ER16M	1-10	20	22	86,60	26,60	22,00 \$
SL20ER20M	1-13	20	28	97	32	22,00 \$
SL25ER25UM	1-16	25	42	97	32	25,50 \$
SL25ER32UM	2-20	25	50	102	32	29,10 \$
SL32ER25UM	1-16	32	42	102	32	29,10 \$
SL32ER32UM	2-20	32	50	108	38	29,10 \$
SL32ER40UM	2-26	32	63	120	50	38,10 \$
SL40ER32UM	2-20	40	50	108	38	38,10 \$
SL40ER40UM	2-26	40	63	128	53	38,10 \$

SİLİNDİRİK ŞAFTLI İÇTEN ÇEKME Lİ TUTUCULARI



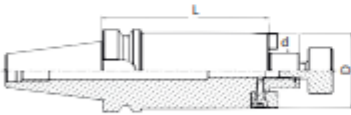
KOD	KAPASİTE (mm)	PENS	d(mm)	D(mm)	D1(mm)	L1(mm)	FİYAT USD
SV12SDC06100	2-6	SDC06	12	13	10	100	30,10 \$
SV12SDC06150	2-6	SDC06	12	13	10	150	33,20 \$
SV16SDC06150	2-6	SDC06	16	13	14	150	33,00 \$
SV16SDC06200	2-6	SDC06	16	13	14	200	37,80 \$
SV20SDC06150	2-6	SDC06	20	13	17	150	33,00 \$
SV20SDC06200	2-6	SDC06	20	13	17	200	37,80 \$
SV16SDC08150	3-8	SDC08	16	16	17	150	34,00 \$
SV16SDC08200	3-8	SDC08	16	16	17	200	38,80 \$
SV20SDC08150	3-8	SDC08	20	16	17	150	34,00 \$
SV20SDC08200	3-8	SDC08	20	16	17	200	38,80 \$



BT 30 PENS BAŞLIĞI (ER TİPİ)

* M OLAN ÜRÜNLER MİNİ KAPAKTIR.

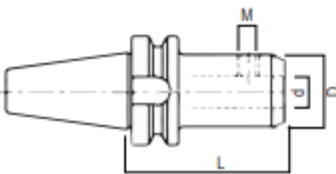
KOD	L (mm)	D (mm)	PENS	KAPASİTE	FİYAT USD
BT30ER11M100	100	19	ER11	1-7	32,00 \$
BT30ER16M060	60	22	ER16	1-10	31,50 \$
BT30ER16M100	100	22	ER16	1-10	32,00 \$
BT30ER25060	60	42	ER25	1-16	31,50 \$
BT30ER25100	100	42	ER25	1-16	32,00 \$
BT30ER32060	60	50	ER32	2-20	31,50 \$
BT30ER32100	100	50	ER32	2-20	32,00 \$
BT30ER40070	70	63	ER40	2-26	31,50 \$
BT30ER40100	100	63	ER40	2-26	32,00 \$



BT 30 ALIN KAMALI MALAFA

KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
BT3016K45	16	38	45	33,00 \$
BT3016K100	16	38	100	35,00 \$
BT3022K45	22	48	45	33,00 \$
BT3022K100	22	48	100	35,00 \$
BT3027K55	27	58	55	33,00 \$
BT3027K100	27	58	100	35,00 \$

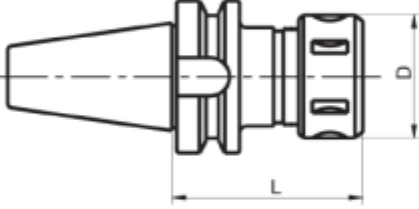
BT 30 VELDON TUTUCU



KOD	BAĞLAMA ÇAP (d)	L (mm)	D (mm)	M VELDON CİVATASI	FİYAT USD
BT3006V50	6V	50	25	M6x10	31,00 \$
BT3008V50	8V	50	28	M8x10	31,00 \$
BT3010V50	10V	50	35	M10x12	31,00 \$
BT3012V50	12V	50	42	M12x16	31,00 \$
BT3016V63	16V	63	48	M14x16	31,00 \$
BT3020V63	20V	63	52	M16x16	31,00 \$
BT3025V63	25V	63	65	M18x20	31,00 \$

BT 40 PENS BAŞLIĞI (ER TİPİ)

- * M OLAN ÜRÜNLER MİNİ KAPAKTIR.
- * A OLAN ÜRÜNLER ALTI KÖŞE KAPAKTIR.



KOD	L (mm)	D (mm)	PENS	KAPASİTE	FİYAT USD
BT40ER11M100	100	19	ER11	1-7	44,00 \$
BT40ER11M160	160	19	ER11	1-7	53,90 \$
BT40ER16M060	60	22	ER16	1-10	33,00 \$
BT40ER16M100	100	22	ER16	1-10	33,40 \$
BT40ER16M160	160	22	ER16	1-10	47,00 \$
BT40ER16M200	200	22	ER16	1-10	51,00 \$
BT40ER16A060	60	32	ER16	1-10	33,00 \$
BT40ER16A100	100	32	ER16	1-10	33,40 \$
BT40ER20M060	60	28	ER20	1-13	33,00 \$
BT40ER20M100	100	28	ER20	1-13	33,40 \$
BT40ER20M160	160	28	ER20	1-13	47,00 \$
BT40ER20A060	60	34	ER20	1-13	33,00 \$
BT40ER20A100	100	34	ER20	1-13	33,40 \$
BT40ER25060	60	42	ER25	1-16	33,00 \$
BT40ER25100	100	42	ER25	1-16	33,40 \$
BT40ER25160	160	42	ER25	1-16	47,00 \$
BT40ER25200	200	42	ER25	1-16	51,00 \$
BT40ER32060	60	50	ER32	2-20	33,00 \$
BT40ER32100	100	50	ER32	2-20	33,40 \$
BT40ER32160	160	50	ER32	2-20	48,00 \$
BT40ER32200	200	50	ER32	2-20	52,00 \$
BT40ER40080	80	63	ER40	2-26	33,00 \$
BT40ER40100	100	63	ER40	2-26	33,40 \$
BT40ER40160	160	63	ER40	2-26	48,00 \$
BT40ER40200	200	63	ER40	2-26	52,00 \$



BT 40 PENS BAŞLIĞI (OZ TİPİ)

KOD	L BOY	D (mm)	KAPASİTE	FİYAT USD
BT40462E070	70	60	3-25	46,00 \$
BT40462E100	100	60	3-25	50,60 \$



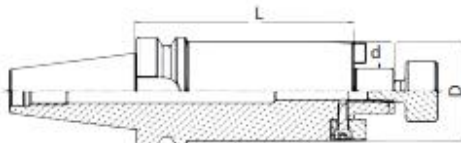
BT 40 MANDRENLİ BAŞLIKLAR

KOD	ÖLÇÜ	D (mm)	L (mm)	FİYAT
BT40113	1-13	48	85	67,00 ₺
BT40116	1-16	53	100	72,00 ₺



BT40 MANDREN MALAFALARI

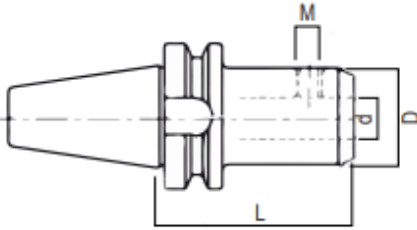
KOD	ÖZELLİK	BAĞLAMA ÇAPI (D)	L (mm)	FİYAT USD
BT40B16	BT40	B16	56	37,00 ₺
BT40B18	BT40	B18	64	37,00 ₺



BT 40 ALIN KAMALI MALAFA

KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
BT4016K55	16K	38	55	33,00 ₺
BT4016K100	16K	38	100	35,00 ₺
BT4016K160	16K	38	160	48,00 ₺
BT4016K200	16K	38	200	55,00 ₺
BT4022K55	22K	48	55	33,00 ₺
BT4022K100	22K	48	100	35,00 ₺
BT4022K160	22K	48	160	48,00 ₺
BT4022K200	22K	48	200	55,00 ₺
BT4027K55	27K	58	60	33,00 ₺
BT4027K100	27K	58	100	35,00 ₺
BT4027K160	27K	58	160	48,00 ₺
BT4027K200	27K	58	200	55,00 ₺
BT4032K60	32K	63	60	33,00 ₺
BT4032K100	32K	63	100	35,00 ₺
BT4032K160	32K	63	160	48,00 ₺
BT4032K200	32K	63	200	55,00 ₺
BT4040K60	40K	78	60	35,00 ₺
BT4040K100	40K	78	100	37,00 ₺
BT4040K160	40K	78	160	50,00 ₺
BT4040K200	40K	78	200	58,00 ₺

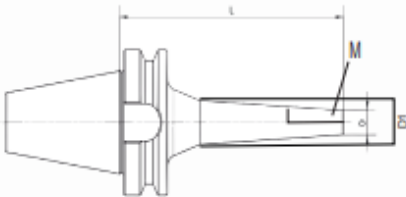
BT 40 VELDON TUTUCU



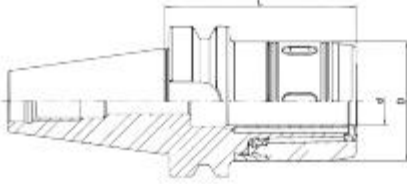
KOD	BAĞLAMA ÇAPı d	BOY L	D (mm)	M VELDON CİVATASI	FİYAT USD
BT4006V50	6V	50	25	M6x10	31,00 \$
BT4006V100	6V	100	25	M6x10	32,00 \$
BT4008V50	8V	50	28	M8x10	31,00 \$
BT4008V100	8V	100	28	M8x10	32,00 \$
BT4010V63	10V	63	35	M10x12	31,00 \$
BT4010V100	10V	100	35	M10x12	32,00 \$
BT4012V63	12V	63	42	M12x16	31,00 \$
BT4012V100	12V	100	42	M12x16	32,00 \$
BT4014V63	14V	63	44	M12x16	31,00 \$
BT4014V100	14V	100	44	M12x16	32,00 \$
BT4016V63	16V	63	48	M14x16	31,00 \$
BT4016V100	16V	100	48	M14x16	32,00 \$
BT4020V63	20V	63	52	M16x16	31,00 \$
BT4020V160	20V	160	52	M16x16	43,00 \$
BT4025V90	25V	90	65	M18x20	33,00 \$
BT4025V160	25V	160	65	M18x20	43,00 \$
BT4032V100	32V	100	72	M20x20	34,00 \$
BT4032V160	32V	160	72	M20x20	43,00 \$
BT4040V120	40V	120	80	M20x20	38,00 \$
BT4040V160	40V	160	80	M20x20	43,00 \$

HASSASİYET : 0.005

BT 40 VİDALI TUTUCU



KOD	M	D (mm)	D1 (mm)	L BOY	FİYAT USD
BT40M10100	M10	18	32	100	52,00 \$
BT40M12070	M12	21	25	70	50,00 \$
BT40M12100	M12	21	32	100	52,00 \$
BT40M12150	M12	21	36	150	60,00 \$
BT40M16070	M16	29	34	70	50,00 \$
BT40M16100	M16	29	34	100	52,00 \$
BT40M16150	M16	29	38	150	60,00 \$
BT40M16200	M16	29	40	200	80,00 \$



BT 40 RULMANLI TUTUCU

KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
BT40C32105	32	72	105	115,00 \$

RULMANLI TUTUCU YEDEK PENS

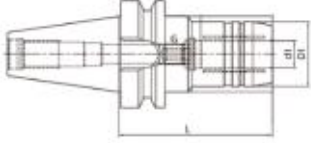


KOD	ÖZELLİK	FİYAT USD
PRC3203	C32 - 3 mm	11,60 \$
PRC3204	C32 - 4 mm	11,60 \$
PRC3205	C32 - 5 mm	11,60 \$
PRC3206	C32 - 6 mm	11,60 \$
PRC3208	C32 - 8 mm	11,60 \$
PRC3210	C32 - 10 mm	11,60 \$
PRC3212	C32 - 12 mm	11,60 \$
PRC3214	C32 - 14 mm	11,60 \$
PRC3216	C32 - 16 mm	11,60 \$
PRC3218	C32 - 18 mm	11,60 \$
PRC3220	C32 - 20 mm	11,60 \$
PRC3225	C32 - 25 mm	11,60 \$



BT40 RULMANLI TUTUCU SET

KOD	ÖZELLİK	PENS ÖLÇÜLERİ	FİYAT USD
BT40C20TK	BT40 - C20 TAKIM	(6-8-10-12-16)	210,00 \$
BT40C25TK	BT40 - C25 TAKIM	(8-10-12-16-20)	212,00 \$
BT40C32TK	BT40 - C32 TAKIM	(6-8-10-12-16-20-25)	215,00 \$



BT 40 HİDROLİK TUTUCU

KOD	d1 (mm)	D1 (mm)	L (mm)	KAPASİTE	FİYAT USD
BT40H20090	20	42	90	3-20	260,00 \$
BT40H32105	32	64	115	3-32	268,00 \$

H20 HİDROLİK TUTUCU YEDEK PENS



KOD	ÖZELLİK	FİYAT USD
PH2003	H20 - 3 mm	60,00 \$
PH2004	H20 - 4 mm	60,00 \$
PH2005	H20 - 5 mm	60,00 \$
PH2006	H20 - 6 mm	60,00 \$
PH2008	H20 - 8 mm	60,00 \$
PH2010	H20 - 10 mm	60,00 \$
PH2012	H20 - 12 mm	60,00 \$
PH2014	H20 - 14 mm	60,00 \$
PH2016	H20 - 16 mm	60,00 \$

H32 HİDROLİK TUTUCU YEDEK PENS



KOD	ÖZELLİK	FİYAT USD
PH3206	H32 - 6 mm	65,00 \$
PH3208	H32 - 8 mm	65,00 \$
PH3210	H32 - 10 mm	65,00 \$
PH3212	H32 - 12 mm	65,00 \$
PH3214	H32 - 14 mm	65,00 \$
PH3216	H32 - 16 mm	65,00 \$
PH3218	H32 - 18 mm	65,00 \$
PH3220	H32 - 20 mm	65,00 \$
PH3225	H32 - 25 mm	65,00 \$

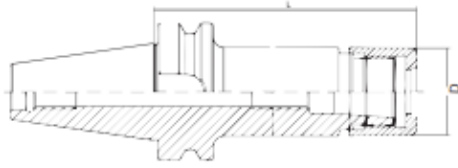


BT40 HİDROLİK TUTUCU SET

KOD	ÖZELLİK / Pens Ölçüleri	FİYAT USD
BT40H20TK	BT40 - H20 (6-8-10-12-16)	560,00 \$
BT40H32TK	BT40 - H32 (6-8-10-12-16-20-25)	670,00 \$

HASSASİYET : 0.005

BT 40 SK HASSAS TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	FİYAT USD
BT40SK06090	BT40-SK06	1-6	90	19,5	38,00 \$
BT40SK06150	BT40-SK06	1-6	150	19,5	50,00 \$
BT40SK10060	BT40-SK10	1-10	60	27,10	38,00 \$
BT40SK10090	BT40-SK10	1-10	90	27,10	38,00 \$
BT40SK10150	BT40-SK10	1-10	150	27,10	50,00 \$
BT40SK16090	BT40-SK16	2-16	90	40,10	39,00 \$
BT40SK16150	BT40-SK16	2-16	150	40,10	51,00 \$

SK06 (HASSAS) PENS

HASSASİYET : 0.005

KOD	ÖZELLİK	FİYAT USD
PSK0601	SK06 - 1mm	11,00 \$
PSK0602	SK06 - 2mm	11,00 \$
PSK0603	SK06 - 3mm	11,00 \$
PSK0604	SK06 - 4mm	11,00 \$
PSK0605	SK06 - 5mm	11,00 \$
PSK0606	SK06 - 6mm	11,00 \$



SK10 (HASSAS) PENS

HASSASİYET : 0.005

KOD	ÖZELLİK	FİYAT USD
PSK1002	SK-10 - 2mm	12,00 \$
PSK1003	SK-10 - 3mm	12,00 \$
PSK1004	SK-10 - 4mm	12,00 \$
PSK1005	SK-10 - 5mm	12,00 \$
PSK1006	SK-10 - 6mm	12,00 \$
PSK1007	SK-10 - 7mm	12,00 \$
PSK1008	SK-10 - 8mm	12,00 \$
PSK1009	SK-10 - 9mm	12,00 \$
PSK1010	SK-10 - 10mm	12,00 \$



SK16 (HASSAS) PENS

HASSASİYET : 0.005



KOD	ÖZELLİK	FİYAT USD
PSK1603	SK-16 - 3mm	13,00 \$
PSK1604	SK-16 - 4mm	13,00 \$
PSK1605	SK-16 - 5mm	13,00 \$
PSK1606	SK-16 - 6mm	13,00 \$
PSK1608	SK-16 - 8mm	13,00 \$
PSK1610	SK-16 - 10mm	13,00 \$
PSK1612	SK-16 - 12mm	13,00 \$
PSK1614	SK-16 - 14mm	13,00 \$
PSK1616	SK-16 - 16mm	13,00 \$



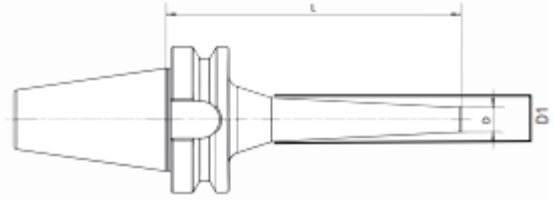
SK HASSAS ANAHTAR

KOD	ÖZELLİK	FİYAT USD
GSK06ANH	SK06 - PENS ANAHTARI	40,00 \$
GSK10ANH	SK10 - PENS ANAHTARI	40,00 \$
GSK16ANH	SK16 - PENS ANAHTARI	40,00 \$



SK HASSAS KAPAK

KOD	ÖLÇÜ	D (mm)	L (mm)	M (mm)	FİYAT USD
SK06K	SK06	19,5	19	M 15,5 x 1,0	10,00 \$
SK10K	SK10	27,10	20	M 21,5 x 1,0	11,50 \$
SK16K	SK16	40,10	24	M 32 x 1,5	14,00 \$

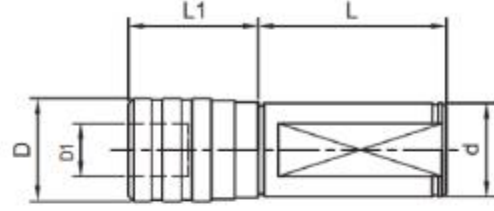
BT 40 SDC İÇTEN ÇEKTİRMELİ TUTUCU

KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	D1 (mm)	FİYAT USD
BT40SDC06090	BT40 SDC 06	3-6	90	14	19,50	56,00 \$
BT40SDC06150	BT40 SDC 06	3-6	150	14	25,50	79,00 \$
BT40SDC08090	BT40 SDC 08	3-8	90	22	28,50	58,00 \$
BT40SDC08150	BT40 SDC 08	3-8	150	22	33,50	82,00 \$
BT40SDC12090	BT40 SDC 12	4-12	90	34	41,00	60,00 \$
BT40SDC12150	BT40 SDC 12	4-12	150	34	45,00	85,00 \$

SDC PENS

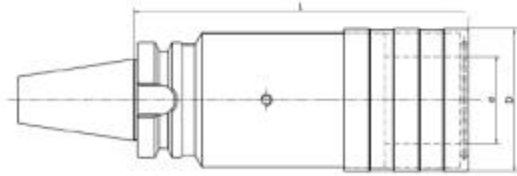
KOD	ÖZELLİK	FİYAT USD
PSDC0603	SDC06 - 3 mm	11,00 \$
PSDC0604	SDC06 - 4 mm	11,00 \$
PSDC0605	SDC06 - 5 mm	11,00 \$
PSDC0606	SDC06 - 6 mm	11,00 \$
PSDC0803	SDC08 - 3 mm	15,00 \$
PSDC0804	SDC08 - 4 mm	15,00 \$
PSDC0806	SDC08 - 6 mm	15,00 \$
PSDC0808	SDC08 - 8 mm	15,00 \$
PSDC1204	SDC12 - 4 mm	18,00 \$
PSDC1206	SDC12 - 6 mm	18,00 \$
PSDC1208	SDC12 - 8 mm	18,00 \$
PSDC1210	SDC12 - 10 mm	18,00 \$
PSDC1212	SDC12 - 12 mm	18,00 \$

SİLİDİR ŞAFTLI KILAVUZ ÇEKME BAŞLIĞI



KOD	d (mm)	KAPASİTE	D1 (mm)	D (mm)	L (mm)	L1 (mm)	FİYAT USD
SV20KC312	20	M2-M14	19	36,5	60	45	105,00 \$
SV25KC312	25	M2-M14	19	36,5	60	45	115,00 \$
SV25KC820	25	M5-M24	31	54	60	45	115,00 \$
SV32KC820	32	M5-M24	31	54	75	40	115,00 \$

BT40 KILAVUZ ÇEKME BAŞLIĞI



KOD	KAPASİTE	d (mm)	D (mm)	L (mm)	FİYAT USD
BT40KC312	M2-M14	19	36,5	67	110,00 \$
BT40KC820	M5-M24	31	54	94	117,00 \$

EMNİYETLİ TİP KILAVUZ ADAPTÖRÜ 19



KOD	KILAVUZ ÖLÇÜSÜ	KILAVUZ SAPI Ø □	FİYAT USD
P31202	M2	2.8 2.1	21,00 \$
P31203	M3	3.5 2.7	21,00 \$
P31204	M4	4.5 3.4	21,00 \$
P31205	M5	6.0 4.9	21,00 \$
P31206	M6	6.0 4.9	21,00 \$
P31208	M8	8.0 6.2	21,00 \$
P31210	M10	10.0 8.0	21,00 \$
P31212	M12	9.0 7.0	21,00 \$
P31214	M14	11.0 9.0	21,00 \$

*DIN376 - DIN374

EMNİYETLİ TİP KILAVUZ ADAPTÖRÜ 19



KOD	KILAVUZ ÖLÇÜSÜ	KILAVUZ SAPI Ø □	FİYAT USD
P31304	M4	2.8 2.1	25,00 \$
P31305	M5	3.5 2.7	25,00 \$
P31306	M6	4.5 3.4	25,00 \$
P31308	M8	6.0 4.9	25,00 \$
P31310	M10	7.0 5.5	25,00 \$

EMNİYETLİ TİP KILAVUZ ADAPTÖRÜ 31



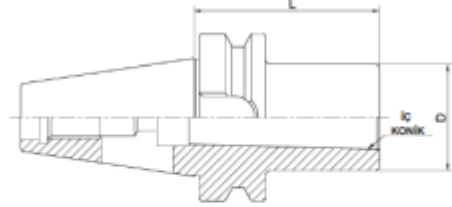
KOD	KILAVUZ ÖLÇÜSÜ	KILAVUZ SAPI Ø □	FİYAT USD
P82005	M5	6.0 4.9	30,00 \$
P82006	M6	6.0 4.9	30,00 \$
P82008	M8	8.0 6.2	30,00 \$
P82010	M10	10.0 8.0	30,00 \$
P82012	M12	9.0 7.0	30,00 \$
P82014	M14	11.0 9.0	30,00 \$
P82016	M16	12.0 9.0	30,00 \$
P82018	M18	14.0 11.0	30,00 \$
P82020	M20	16.0 12.0	30,00 \$
P82022	M22	18.0 14.5	30,00 \$
P82024	M24	18.0 14.5	30,00 \$
P82027	M27	20.0 16.0	40,00 \$
P82030	M30	22.0 18.0	40,00 \$
P82033	M33	25.0 20.0	40,00 \$
P82036	M36	28.0 22.0	40,00 \$

EMNİYET TİPİ KILAVUZ ADAPTÖRÜ YÜKSELTİCİ



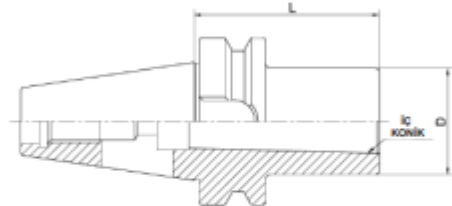
KOD	AÇIKLAMA	FİYAT USD
KC312820	Ø19x Ø31YÜKSELTİCİ	22,50 \$

BT 40 KAMALI MORS ADAPTÖRÜ

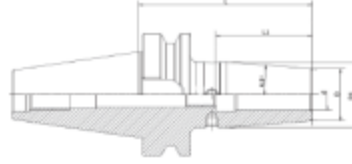


KOD	İÇ KONİK	D (mm)	L (mm)	FİYAT USD
BT40KMK1	MK1	25	50	35,00 \$
BT40KMK2	MK2	32	50	35,00 \$
BT40KMK3	MK3	40	70	35,00 \$
BT40KMK4	MK4	48	95	35,00 \$

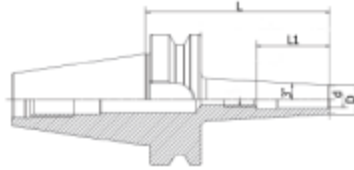
BT 40 ÇEKTİRME CİVATALI MORS ADAPTÖRÜ



KOD	İÇ KONİK	D (mm)	L (mm)	FİYAT USD
BT40CMK1	MK1	25	50	35,00 \$
BT40CMK2	MK2	32	50	35,00 \$
BT40CMK3	MK3	40	70	35,00 \$
BT40CMK4	MK4	63	95	35,00 \$

BT 40 SHRİNK TUTUCU (KALIN CİDARLI 4,5°)

KOD	d (mm)	D (mm)	D1 (mm)	L (mm)	L1 (mm)	FİYAT USD
BT40SF03090	3	15	20	90	-	97,00 \$
BT40SF04090	4	15	20	90	-	97,00 \$
BT40SF05090	5	15	20	90	-	97,00 \$
BT40SF06090	6	21	27	90	36	97,00 \$
BT40SF08090	8	21	27	90	36	97,00 \$
BT40SF10090	10	24	31	90	42	97,00 \$
BT40SF12090	12	24	31	90	47	97,00 \$
BT40SF16090	16	27	34	90	50	97,00 \$
BT40SF20090	20	33	40	90	52	97,00 \$
BT40SF25100	25	44	53	100	58	97,00 \$
BT40SF03160	3	15	25	160	-	145,00 \$
BT40SF04160	4	15	25	160	-	145,00 \$
BT40SF05160	5	15	25	160	-	145,00 \$
BT40SF06160	6	21	32	160	36	145,00 \$
BT40SF08160	8	21	32	160	36	145,00 \$
BT40SF10160	10	24	34	160	42	145,00 \$
BT40SF12160	12	24	34	160	47	145,00 \$
BT40SF16160	16	27	42	160	50	145,00 \$
BT40SF20160	20	33	51	160	52	145,00 \$
BT40SF25160	25	44	53	160	58	145,00 \$

BT40 SHRİNK TUTUCU (İNCE CİDARLI 3°)

KOD	d (mm)	D (mm)	L (mm)	L1 (mm)	FİYAT USD
BT40SFS03090	3	9	90	-	112,00 \$
BT40SFS04090	4	10	90	-	112,00 \$
BT40SFS05090	5	12	90	-	112,00 \$
BT40SFS06090	6	12	90	36	112,00 \$
BT40SFS08090	8	14	90	36	112,00 \$
BT40SFS10090	10	16	90	42	112,00 \$
BT40SFS12090	12	18	90	47	112,00 \$
BT40SFS16090	16	22	90	50	112,00 \$
BT40SFS20090	20	26	90	54	112,00 \$
BT40SFS25100	25	30	100	57	112,00 \$
BT40SFS03160	3	9	160	-	165,00 \$
BT40SFS04160	4	10	160	-	165,00 \$
BT40SFS05160	5	12	160	-	165,00 \$
BT40SFS06160	6	12	160	36	165,00 \$
BT40SFS08160	8	14	160	36	165,00 \$
BT40SFS10160	10	16	160	42	165,00 \$
BT40SFS12160	12	18	160	47	165,00 \$
BT40SFS16160	16	22	160	50	165,00 \$
BT40SFS20160	20	26	160	54	165,00 \$
BT40SFS25160	25	30	160	57	165,00 \$



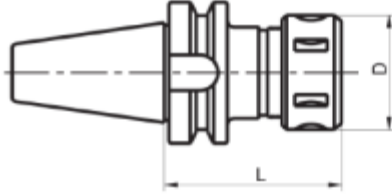
T420001



T420002

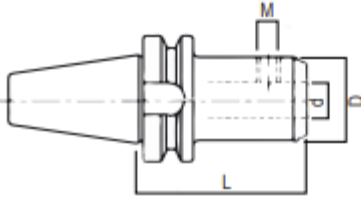
KOD	T420001	T420002
KULLANILAN TUTUCULAR	BT30-BBT30-SK30 BT40-BBT40-SK40 BT50-BBT50-SK50 HSK63	BT30-BBT30-SK30 BT40-BBT40-SK40 BT50-BBT50-SK50 HSK63
TUTUCU ISITMA ÇAP ARALIĞI	Ø 3-25 mm	Ø 3-32 mm
MALZEME BAĞLAMA YÜKSEKLİĞİ (h)	15-420 mm	60-400 mm
MOTOR	5 KW	5 KW
GÜÇ	220 V 50 HZ	220 V 50 HZ
ÖZELLİKLER	*HAVA İLE SOĞUTMA *MANUEL KALDIRMA *MANDALLI KİTLEME *DİJİTAL EKRAN FİZİKSEL DÜĞMELER. *TAKİM ÖLÇÜLERİNE GÖRE, MANUEL ISITMA VE SOĞUTMA AYARI.	*HAVA İLE SOĞUTMA *MANUEL KALDIRMA *TEK TUŞLA KENDİNİ KİLİTLEME *LCD DOKUNMATİK EKRAN *MAKİNE HAFIZASINDA Kİ ÜRÜNLER SEÇİLDİĞİNDE, TAKİM ÖLÇÜLERİNE GÖRE ISITMA ve SOĞUTMA AYARLARI OTOMATİK OLARAK YAPILIR.
AĞIRLIK	22 kg	30 kg
BOYUT	450x400x600	540x440x760
FİYAT USD	2.220,00 \$	4.500,00 \$

BBT 40 PENS BAŞLIĞI (ER TİPİ)



KOD	L (mm)	D (mm)	PENS	KAPASİTE	FİYAT USD
BBT40ER11100	100	19	ER11	1-7	57,00 \$
BBT40ER11150	150	19	ER11	1-7	65,00 \$
BBT40ER16060	60	22	ER16	1-10	51,00 \$
BBT40ER16100	100	22	ER16	1-10	52,00 \$
BBT40ER16150	150	22	ER16	1-10	60,00 \$
BBT40ER20060	60	28	ER20	1-13	51,00 \$
BBT40ER20100	100	28	ER20	1-13	52,00 \$
BBT40ER20150	150	28	ER20	1-13	60,00 \$
BBT40ER25060	60	42	ER25	1-16	51,00 \$
BBT40ER25100	100	42	ER25	1-16	52,00 \$
BBT40ER25150	150	42	ER25	1-16	60,00 \$
BBT40ER32060	60	50	ER32	2-20	51,00 \$
BBT40ER32100	100	50	ER32	2-20	52,00 \$
BBT40ER32150	150	50	ER32	2-20	60,00 \$
BBT40ER40080	80	63	ER40	2-26	51,00 \$
BBT40ER40100	100	63	ER40	2-26	52,00 \$
BBT40ER40150	150	63	ER40	2-26	60,00 \$

BBT 40 VELDON TUTUCU



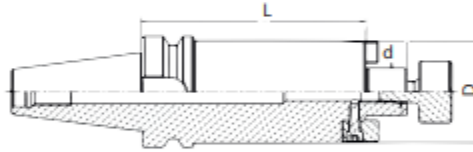
KOD	BAĞLAMA ÇAPI d	BOY L	D (mm)	M VELDON CİVATASI	FİYAT USD
BBT4006V50	6V	50	25	M6x10	50,00 \$
BBT4008V50	8V	50	28	M8x10	50,00 \$
BBT4010V63	10V	63	35	M10x12	50,00 \$
BBT4012V63	12V	63	42	M12x16	50,00 \$
BBT4014V63	14V	63	44	M12x16	50,00 \$
BBT4016V63	16V	63	48	M14x16	50,00 \$
BBT4020V63	20V	63	52	M16x16	50,00 \$
BBT4025V90	25V	90	65	M18x20	55,00 \$
BBT4032V100	32V	100	72	M20x20	55,00 \$
BBT4040V120	40V	120	80	M20x20	57,00 \$

BBT 40 MANDRENLİ BAŞLIKLAR



KOD	ÖLÇÜ	D (mm)	L (mm)	FİYAT USD
BBT40113	1-13	48	85	82,00 \$
BBT40116	1-16	53	100	86,00 \$

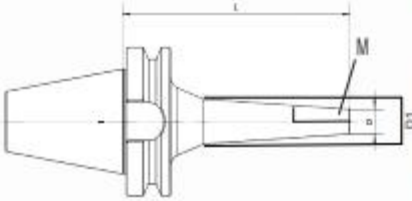
BBT 40 ALIN KAMALI MALAFA



KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
BBT4016K45	16K	38	45	50,00 \$
BBT4016K100	16K	38	100	52,00 \$
BBT4016K150	16K	38	150	65,00 \$
BBT4022K60	22K	48	60	50,00 \$
BBT4022K100	22K	48	100	52,00 \$
BBT4022K150	22K	48	150	60,00 \$
BBT4027K60	27K	58	60	50,00 \$
BBT4027K100	27K	58	100	52,00 \$
BBT4027K150	27K	58	150	60,00 \$
BBT4032K60	32K	63	60	50,00 \$
BBT4032K100	32K	63	100	52,00 \$
BBT4032K150	32K	63	150	60,00 \$
BBT4040K60	40K	78	60	52,00 \$
BBT4040K100	40K	78	100	55,00 \$
BBT4040K150	40K	78	150	65,00 \$

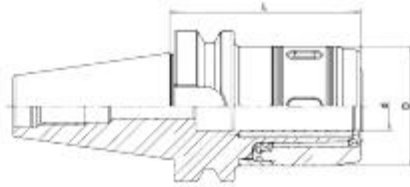
HASSASİYET : 0.005

BBT 40 VİDALI TUTUCU



KOD	M	D (mm)	D1 (mm)	L BOY	FİYAT USD
BBT40M10100	M10	18	32	100	66,00 \$
BBT40M12070	M12	21	25	70	66,00 \$
BBT40M12100	M12	21	32	100	66,00 \$
BBT40M12150	M12	21	36	150	84,00 \$
BBT40M16070	M16	29	34	70	66,00 \$
BBT40M16100	M16	29	34	100	66,00 \$
BBT40M16150	M16	29	38	150	84,00 \$
BBT40M16200	M16	29	40	200	100,00 \$

BBT 40 RULMANLI TUTUCU



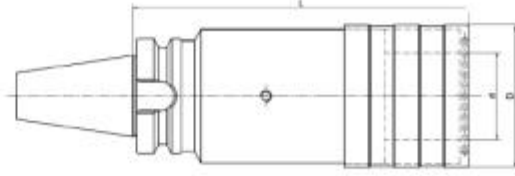
KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
BBT40C32105	32	72	105	142,00 \$

BBT40 RULMANLI TUTUCU SET



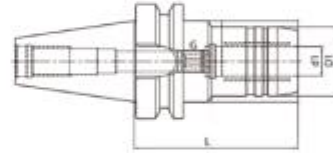
KOD	ÖZELLİK	PENS ÖLÇÜLERİ	FİYAT USD
BBT40C32TK	BBT40 - C32 TAKIM	(6-8-10-12-16-20-25)	245,00 \$

BBT40 KILAVUZ ÇEKME BAŞLIĞI



KOD	KAPASİTE	d (mm)	D (mm)	L (mm)	FİYAT USD
BBT40KC312	M2-M14	19	36,5	67	190,00 \$
BBT40KC820	M5-M24	31	54	94	205,00 \$

BBT 40 HİDROLİK TUTUCU



KOD	d1 (mm)	D1 (mm)	L (mm)	KAPASİTE	FİYAT USD
BBT40H20090	20	42	90	3-20	285,00 \$
BBT40H32105	32	64	115	3-32	290,00 \$

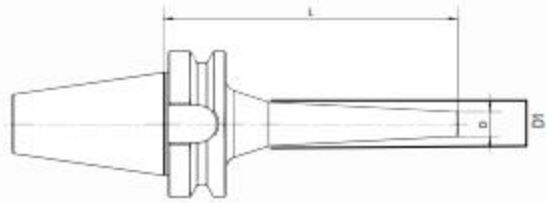
BBT40 HİDROLİK TUTUCU SET



KOD	ÖZELLİK / Pens Ölçüleri	FİYAT USD
BBT40H20TK	BBT40 - H20 (6-8-10-12-16)	620,00 \$
BBT40H32TK	BBT40 - H32 (6-8-10-12-16-20-25)	725,00 \$

HASSASİYET : 0.005

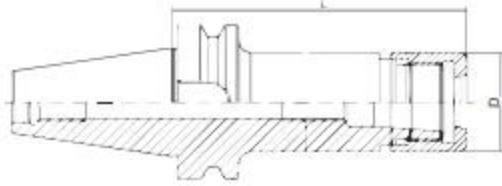
BBT 40 SDC İÇTEN ÇEKTİRMELİ TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	D1 (mm)	FİYAT USD
BBT40SDC06090	BBT40 SDC 06	3-6	90	14	19,50	84,00 \$
BBT40SDC06150	BBT40 SDC 06	3-6	150	14	25,50	106,00 \$
BBT40SDC08090	BBT40 SDC 08	3-8	90	22	28,50	87,00 \$
BBT40SDC08150	BBT40 SDC 08	3-8	150	22	33,50	108,00 \$
BBT40SDC12090	BBT40 SDC 12	4-12	90	34	41,00	89,00 \$
BBT40SDC12150	BBT40 SDC 12	4-12	150	34	45,00	110,00 \$

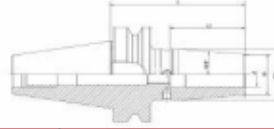
HASSASİYET : 0.005

BBT 40 SK HASSAS TUTUCU



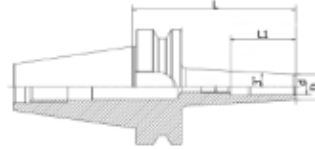
KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	FİYAT USD
BBT40SK06090	BBT40-SK06	1-6	90	19,5	60,00 \$
BBT40SK06150	BBT40-SK06	1-6	150	19,5	73,00 \$
BBT40SK10090	BBT40-SK10	1-10	90	27,10	60,00 \$
BBT40SK10150	BBT40-SK10	1-10	150	27,10	73,00 \$
BBT40SK16090	BBT40-SK16	2-16	90	40,10	61,00 \$
BBT40SK16150	BBT40-SK16	2-16	150	40,10	74,00 \$

BBT40 SHRİNK TUTUCU (KALIN CİDARLI 4,5°)



KOD	d (mm)	D (mm)	D1 (mm)	L (mm)	L1 (mm)	FİYAT USD
BBT40SF03090	3	15	20	90	-	130,00 \$
BBT40SF04090	4	15	20	90	-	130,00 \$
BBT40SF05090	5	15	20	90	-	130,00 \$
BBT40SF06090	6	21	27	90	36	130,00 \$
BBT40SF08090	8	21	27	90	36	130,00 \$
BBT40SF10090	10	24	31	90	42	130,00 \$
BBT40SF12090	12	24	31	90	47	130,00 \$
BBT40SF16090	16	27	34	90	50	130,00 \$
BBT40SF20090	20	33	40	90	52	130,00 \$
BBT40SF25100	25	44	53	100	58	130,00 \$
BBT40SF03160	3	15	25	160	-	180,00 \$
BBT40SF04160	4	15	25	160	-	180,00 \$
BBT40SF05160	5	15	25	160	-	180,00 \$
BBT40SF06160	6	21	32	160	36	180,00 \$
BBT40SF08160	8	21	32	160	36	180,00 \$
BBT40SF10160	10	24	34	160	42	180,00 \$
BBT40SF12160	12	24	34	160	47	180,00 \$
BBT40SF16160	16	27	42	160	50	180,00 \$
BBT40SF20160	20	33	51	160	52	180,00 \$
BBT40SF25160	25	44	53	160	58	180,00 \$

BBT40 SHRİNK TUTUCU (İNCE CİDARLI 3°)



KOD	d (mm)	D (mm)	L (mm)	L1 (mm)	FİYAT USD
BBT40SFS03090	3	9	90	-	150,00 \$
BBT40SFS04090	4	10	90	-	150,00 \$
BBT40SFS05090	5	12	90	-	150,00 \$
BBT40SFS06090	6	12	90	36	150,00 \$
BBT40SFS08090	8	14	90	36	150,00 \$
BBT40SFS10090	10	16	90	42	150,00 \$
BBT40SFS12090	12	18	90	47	150,00 \$
BBT40SFS16090	16	22	90	50	150,00 \$
BBT40SFS20090	20	26	90	54	150,00 \$
BBT40SFS25100	25	30	100	57	150,00 \$
BBT40SFS03160	3	9	160	-	200,00 \$
BBT40SFS04160	4	10	160	-	200,00 \$
BBT40SFS05160	5	12	160	-	200,00 \$
BBT40SFS06160	6	12	160	36	200,00 \$
BBT40SFS08160	8	14	160	36	200,00 \$
BBT40SFS10160	10	16	160	42	200,00 \$
BBT40SFS12160	12	18	160	47	200,00 \$
BBT40SFS16160	16	22	160	50	200,00 \$
BBT40SFS20160	20	26	160	54	200,00 \$
BBT40SFS25160	25	30	160	57	200,00 \$

BT 50 PENS BAŞLIĞI (ER TİPİ)

* M OLAN ÜRÜNLER MİNİ KAPAKTIR.



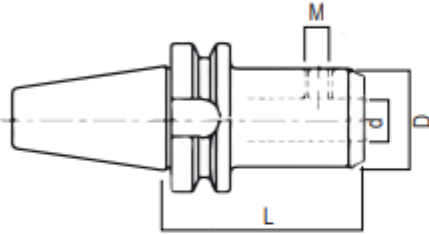
KOD	L (mm)	D (mm)	PENS	KAPASİTE	FİYAT USD
BT50ER16M100	100	22	ER16	1-16	65,00 \$
BT50ER16M160	160	22	ER16	1-10	84,00 \$
BT50ER16M200	200	22	ER16	1-10	95,50 \$
BT50ER25100	100	42	ER25	1-16	65,00 \$
BT50ER25160	160	42	ER25	1-16	84,00 \$
BT50ER25200	200	42	ER25	1-16	95,50 \$
BT50ER32100	100	50	ER32	2-20	65,00 \$
BT50ER32160	160	50	ER32	2-20	84,00 \$
BT50ER32200	200	50	ER32	2-20	95,50 \$
BT50ER40100	100	63	ER40	2-26	65,00 \$
BT50ER40160	160	63	ER40	2-26	84,00 \$
BT50ER40200	200	63	ER40	2-26	95,50 \$
BT50462E100	100	60	462E	3-25	72,00 \$

BT 50 ALIN KAMALI MALAFA



KOD	d (mm)	d (mm)	L (mm)	FİYAT USD
BT5016K100	16K	38	100	63,00 \$
BT5016K160	16K	38	160	90,00 \$
BT5016K200	16K	38	200	110,00 \$
BT5016K250	16K	38	250	150,00 \$
BT5022K100	22K	48	100	63,00 \$
BT5022K160	22K	48	160	90,00 \$
BT5022K200	22K	48	200	110,00 \$
BT5022K250	22K	48	250	150,00 \$
BT5022K350	22K	48	350	238,00 \$
BT5027K100	27K	58	100	63,00 \$
BT5027K160	27K	58	160	90,00 \$
BT5027K200	27K	58	200	110,00 \$
BT5027K250	27K	58	250	150,00 \$
BT5027K350	27K	58	350	238,00 \$
BT5032K100	32K	63	100	63,00 \$
BT5032K160	32K	63	160	90,00 \$
BT5032K200	32K	63	200	110,00 \$
BT5032K250	32K	63	250	150,00 \$
BT5032K350	32K	63	350	238,00 \$
BT5040K100	40K	78	100	63,00 \$
BT5040K160	40K	78	160	90,00 \$
BT5040K200	40K	78	200	110,00 \$

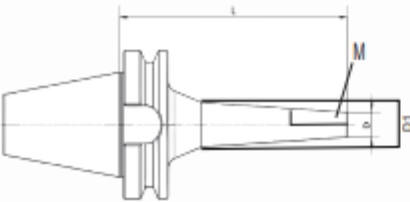
BT 50 VELDON TUTUCU



KOD	BAĞLAMA ÇAPİ d	L (mm)	D (mm)	M VELDON CİVATASI	FİYAT USD
BT5006V63	6V	63	25	M6x10	68,00 \$
BT5006V160	6V	160	25	M6x10	76,00 \$
BT5008V63	8V	63	28	M8x10	68,00 \$
BT5008V160	8V	160	28	M8x10	76,00 \$
BT5010V70	10V	70	35	M10x12	68,00 \$
BT5010V160	10V	160	35	M10x12	76,00 \$
BT5012V70	12V	70	42	M12x16	68,00 \$
BT5012V160	12V	160	42	M12x16	76,00 \$
BT5016V80	16V	80	48	M14x16	68,00 \$
BT5016V160	16V	160	48	M14x16	76,00 \$
BT5020V80	20V	80	52	M16x16	68,00 \$
BT5020V160	20V	160	52	M16x16	76,00 \$
BT5025V100	25V	100	65	M18x20	68,00 \$
BT5025V160	25V	160	65	M18x20	76,00 \$
BT5032V105	32V	105	72	M20x20	68,00 \$
BT5032V160	32V	160	72	M20x20	76,00 \$
BT5040V105	40V	105	80	M20x20	75,00 \$
BT5040V160	40V	160	80	M20x20	80,00 \$

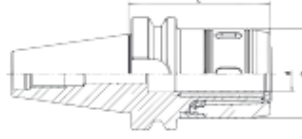
HASSASİYET : 0.005

BT 50 VİDALI TUTUCU



KOD	M	D (mm)	D1 (mm)	L (mm)	FİYAT USD
BT50M12100	M12	21	32	100	72,00 \$
BT50M12150	M12	21	32	150	93,00 \$
BT50M12200	M12	21	32	200	115,00 \$
BT50M12300	M12	21	40	300	145,00 \$
BT50M16100	M16	29	34	100	72,00 \$
BT50M16150	M16	29	38	150	93,00 \$
BT50M16200	M16	29	38	200	115,00 \$
BT50M16300	M16	29	45	300	145,00 \$

BT 50 RULMANLI TUTUCU



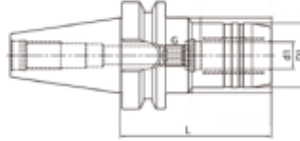
KOD	d (mm)	D (mm)	L (mm)	KAPASİTE	FİYAT USD
BT50C32105	32	72	105	3-32	152,00 \$



BT50 RULMANLI TUTUCU SET

KOD	ÖZELLİK	PENS ÖLÇÜLERİ	FİYAT USD
BT50C32TK	BT50 - C32 TAKIM	(6-8-10-12-16-20-25)	278,00 \$

BT 50 HİDROLİK TUTUCU



KOD	d1 (mm)	D1 (mm)	L (mm)	KAPASİTE	FİYAT USD
BT50H20120	20	42	120	3-20	400,00 \$
BT50H32120	32	64	120	3-32	420,00 \$

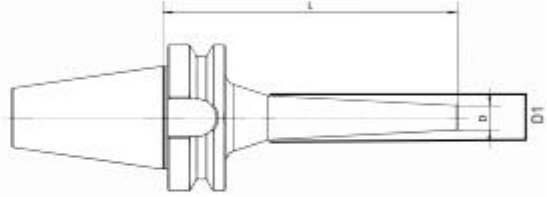


BT50 HİDROLİK TUTUCU SET

KOD	ÖZELLİK / Pens Ölçüleri	FİYAT USD
BT50H20TK	BT50 - H20 (6-8-10-12-16)	710,00 \$
BT50H32TK	BT50 - H32 (6-8-10-12-16-20-25)	795,00 \$

HASSASİYET : 0.005

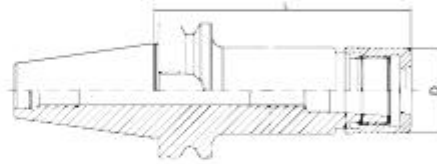
BT 50 SDC İÇTEN ÇEKTİRMELİ TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	D1 (mm)	FİYAT USD
BT50SDC06100	BT50 SDC 06	3-6	100	14	19,50	89,00 \$
BT50SDC06150	BT50 SDC 06	3-6	150	14	25,50	110,00 \$
BT50SDC08100	BT50 SDC 08	3-8	100	22	28,50	91,00 \$
BT50SDC08150	BT50 SDC 08	3-8	150	22	33,50	112,00 \$
BT50SDC12100	BT50 SDC 12	4-12	100	34	41,00	93,00 \$
BT50SDC12150	BT50 SDC 12	4-12	150	34	45,00	115,00 \$

HASSASİYET : 0.005

BT 50 SK HASSAS TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	FİYAT USD
BT50SK10100	BT50-SK10	1-10	100	27,10	75,00 \$
BT50SK10150	BT50-SK10	1-10	150	27,10	95,00 \$
BT50SK16100	BT50-SK16	2-16	100	40,10	76,00 \$
BT50SK16150	BT50-SK16	2-16	150	40,10	96,00 \$



BBT 50 PENS BAŞLIĞI (ER TİPİ)

* M OLAN ÜRÜNLER MİNİ KAPAKTIR.

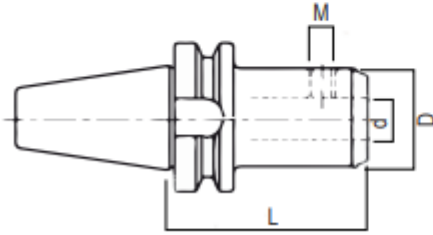
KOD	L (mm)	D (mm)	PENS	KAPASİTE	FİYAT USD
BBT50ER16M100	100	22	ER16	1-16	105,00 \$
BBT50ER16M150	150	22	ER16	1-10	127,00 \$
BBT50ER25100	100	42	ER25	1-16	105,00 \$
BBT50ER25150	150	42	ER25	1-16	127,00 \$
BBT50ER32100	100	50	ER32	2-20	105,00 \$
BBT50ER32150	150	50	ER32	2-20	127,00 \$
BBT50ER40100	100	63	ER40	2-26	105,00 \$
BBT50ER40150	150	63	ER40	2-26	127,00 \$

BBT 50 ALIN KAMALI MALAFA



KOD	d (mm)	d (mm)	L (mm)	FİYAT USD
BBT5016K100	16K	38	100	105,00 \$
BBT5016K150	16K	38	150	130,00 \$
BBT5016K200	16K	38	200	150,00 \$
BBT5016K250	16K	38	250	180,00 \$
BBT5022K100	22K	48	100	105,00 \$
BBT5022K150	22K	48	150	130,00 \$
BBT5022K200	22K	48	200	150,00 \$
BBT5022K250	22K	48	250	180,00 \$
BBT5022K350	22K	48	350	265,00 \$
BBT5027K100	27K	58	100	105,00 \$
BBT5027K150	27K	58	150	130,00 \$
BBT5027K200	27K	58	200	150,00 \$
BBT5027K250	27K	58	250	180,00 \$
BBT5027K350	27K	58	350	265,00 \$
BBT5032K100	32K	63	100	105,00 \$
BBT5032K150	32K	63	150	130,00 \$
BBT5032K200	32K	63	200	150,00 \$
BBT5032K250	32K	63	250	180,00 \$
BBT5032K350	32K	63	350	265,00 \$
BBT5040K100	40K	78	100	105,00 \$
BBT5040K150	40K	78	150	130,00 \$
BBT5040K200	40K	78	200	150,00 \$

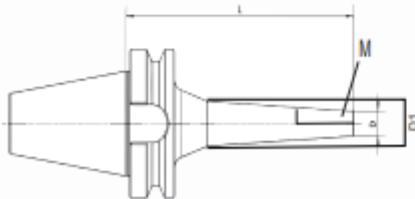
BBT 50 VELDON TUTUCU



KOD	BAĞLAMA ÇAPI d	L (mm)	D (mm)	M VELDON CİVATASI	FİYAT USD
BBT5006V63	6V	63	25	M6x10	105,00 \$
BBT5006V160	6V	160	25	M6x10	121,00 \$
BBT5008V63	8V	63	28	M8x10	105,00 \$
BBT5008V160	8V	160	28	M8x10	121,00 \$
BBT5010V70	10V	70	35	M10x12	105,00 \$
BBT5010V160	10V	160	35	M10x12	121,00 \$
BBT5012V70	12V	70	42	M12x16	105,00 \$
BBT5012V160	12V	160	42	M12x16	121,00 \$
BBT5016V80	16V	80	48	M14x16	105,00 \$
BBT5016V160	16V	160	48	M14x16	121,00 \$
BBT5020V80	20V	80	52	M16x16	105,00 \$
BBT5020V160	20V	160	52	M16x16	121,00 \$
BBT5025V100	25V	100	65	M18x20	105,00 \$
BBT5025V160	25V	160	65	M18x20	121,00 \$
BBT5032V105	32V	105	72	M20x20	105,00 \$
BBT5032V160	32V	160	72	M20x20	121,00 \$
BBT5040V105	40V	105	80	M20x20	105,00 \$
BBT5040V160	40V	160	80	M20x20	121,00 \$

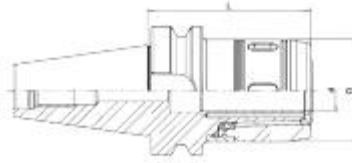
HASSASİYET : 0.005

BBT 50 VİDALI TUTUCU



KOD	M	D (mm)	D1 (mm)	L (mm)	FİYAT USD
BBT50M12100	M12	21	32	100	110,00 \$
BBT50M12150	M12	21	32	150	130,00 \$
BBT50M12200	M12	21	32	200	158,00 \$
BBT50M12300	M12	21	40	300	200,00 \$
BBT50M16100	M16	29	34	100	110,00 \$
BBT50M16150	M16	29	38	150	130,00 \$
BBT50M16200	M16	29	38	200	158,00 \$
BBT50M16300	M16	29	45	300	200,00 \$

BBT 50 RULMANLI TUTUCU



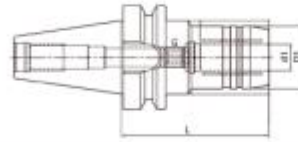
KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
BBT50C32105	32	72	105	213,00 \$



BBT50 RULMANLI TUTUCU SET

KOD	ÖZELLİK	PENS ÖLÇÜLERİ	FİYAT USD
BBT50C32TK	BBT50 - C32 TAKIM	(6-8-10-12-16-20-25)	317,00 \$

BBT 50 HİDROLİK TUTUCU



KOD	d1 (mm)	D1 (mm)	L (mm)	KAPASİTE	FİYAT USD
BBT50H32120	32	64	120	3-22	465,00 \$

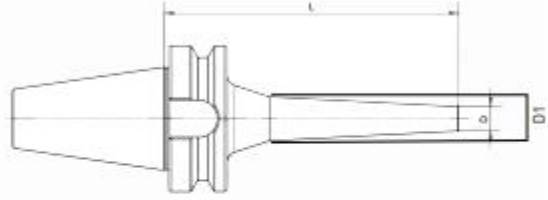


BBT50 HİDROLİK TUTUCU SET

KOD	ÖZELLİK / Pens Ölçüleri	FİYAT USD
BBT50H32TK	BBT50 - H32 (6-8-10-12-16-20-25)	915,00 \$

■ HASSASİYET : 0.005

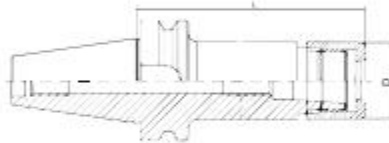
BBT 50 SDC İÇTEN ÇEKTİRMELİ TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	D1 (mm)	FİYAT USD
BBT50SDC06100	BT50 SDC 06	3-6	100	14	19,50	110,00 \$
BBT50SDC06150	BT50 SDC 06	3-6	150	14	25,50	132,00 \$
BBT50SDC08100	BT50 SDC 08	3-8	100	22	28,50	112,00 \$
BBT50SDC08150	BT50 SDC 08	3-8	150	22	33,50	134,00 \$
BBT50SDC12100	BT50 SDC 12	4-12	100	34	41,00	115,00 \$
BBT50SDC12150	BT50 SDC 12	4-12	150	34	45,00	138,00 \$

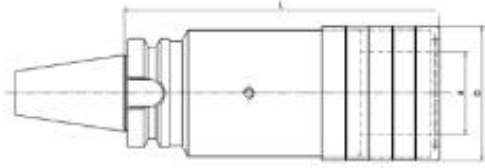
■ HASSASİYET : 0.005

BBT 50 SK HASSAS TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	FİYAT USD
BBT50SK10100	BBT50-SK10	1-10	100	27,10	102,00 \$
BBT50SK10150	BBT50-SK10	1-10	150	27,10	121,00 \$
BBT50SK16100	BBT50-SK16	2-16	100	40,10	104,00 \$
BBT50SK16150	BBT50-SK16	2-16	150	40,10	123,00 \$

BBT50 KILAVUZ ÇEKME BAŞLIĞI



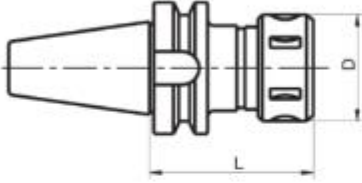
KOD	KAPASİTE	d (mm)	D (mm)	L (mm)	FİYAT USD
BBT50KC312	M2-M14	19	36,5	67	257,00 \$
BBT50KC820	M5-M24	31	54	94	260,00 \$

BBT 50 MANDRENLİ BAŞLIKLAR



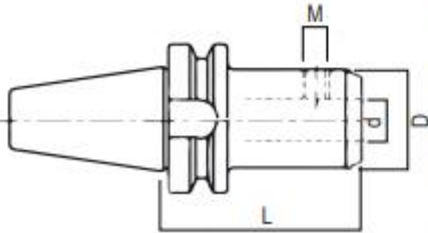
KOD	ÖLÇÜ	D (mm)	L (mm)	FİYAT USD
BBT50113	1-13	48	85	135,00 \$
BBT50116	1-16	53	100	142,00 \$

SK 40 PENS BAŞLIĞI (ER TİPİ)



KOD	L (mm)	D (mm)	PENS	KAPASİTE	FİYAT USD
SK40ER16070	70	22	ER16	1-10	37,00 \$
SK40ER16100	100	22	ER16	1-10	39,00 \$
SK40ER20070	70	28	ER20	1-13	37,00 \$
SK40ER20100	100	28	ER20	1-13	39,00 \$
SK40ER25070	70	42	ER25	1-16	37,00 \$
SK40ER25100	100	42	ER25	1-16	39,00 \$
SK40ER32070	70	50	ER32	2-20	37,00 \$
SK40ER32100	100	50	ER32	2-20	39,00 \$
SK40ER40080	80	63	ER40	2-26	37,00 \$
SK40ER40100	100	63	ER40	2-26	39,00 \$

SK 40 VELDON TUTUCU



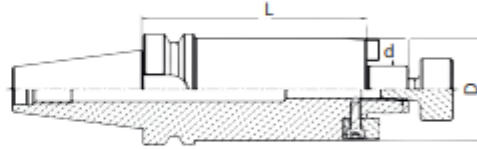
KOD	BAĞLAMA ÇAPI d	BOY L	D (mm)	M VELDON CİVATASI	FİYAT USD
SK4006V50	6V	50	25	M6x10	35,00 \$
SK4008V50	8V	50	28	M8x10	35,00 \$
SK4010V63	10V	63	35	M10x12	35,00 \$
SK4012V63	12V	63	42	M12x16	35,00 \$
SK4014V63	14V	63	44	M12x16	35,00 \$
SK4016V63	16V	63	48	M14x16	35,00 \$
SK4020V63	20V	63	52	M16x16	35,00 \$
SK4025V90	25V	90	65	M18x20	38,00 \$
SK4032V100	32V	100	72	M20x20	39,00 \$
SK4040V120	40V	120	80	M20x20	40,00 \$

SK 40 MANDRENLİ BAŞLIKLAR



KOD	ÖLÇÜ	D (mm)	L (mm)	FİYAT USD
SK40113	1-13	48	85	75,00 \$
SK40116	1-16	53	100	80,00 \$

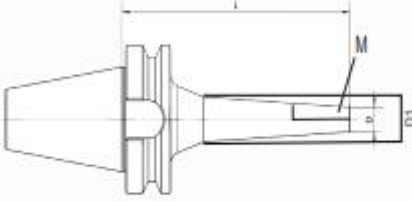
SK 40 ALIN KAMALI MALAFA



KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
SK4016K55	16K	38	55	37,00 \$
SK4016K100	16K	38	100	39,00 \$
SK4022K55	22K	48	55	37,00 \$
SK4022K100	22K	48	100	39,00 \$
SK4027K55	27K	58	55	37,00 \$
SK4027K100	27K	58	100	39,00 \$
SK4032K55	32K	63	55	39,00 \$
SK4032K100	32K	63	100	41,00 \$
SK4040K55	40K	78	55	42,00 \$
SK4040K100	40K	78	100	43,00 \$

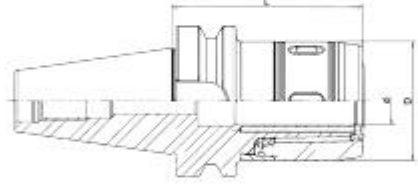
HASSASİYET : 0.005

SK 40 VİDALI TUTUCU



KOD	M	D (mm)	D1 (mm)	L BOY	FİYAT USD
SK40M10100	M10	18	32	100	54,00 \$
SK40M12070	M12	21	25	70	54,00 \$
SK40M12100	M12	21	32	100	54,00 \$
SK40M12150	M12	21	36	150	76,00 \$
SK40M16070	M16	29	34	70	54,00 \$
SK40M16100	M16	29	34	100	54,00 \$
SK40M16150	M16	29	42	150	76,00 \$
SK40M16200	M16	29	45	200	98,00 \$

SK 40 RULMANLI TUTUCU



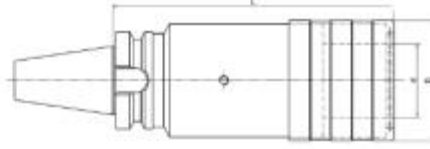
KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
SK40C32105	32	72	105	130,00 \$

SK 40 RULMANLI TUTUCU SET



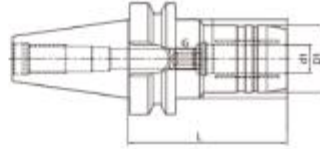
KOD	ÖZELLİK	PENS ÖLÇÜLERİ	FİYAT USD
SK40C32TK	SK40 - C32 TAKIM	(6-8-10-12-16-20-25)	235,00 \$

SK40 KILAVUZ ÇEKME BAŞLIĞI



KOD	KAPASİTE	d (mm)	D (mm)	L (mm)	FİYAT USD
SK40KC312	M2-M14	19	36,5	67	120,00 \$
SK40KC820	M5-M24	31	54	94	130,00 \$

SK 40 HİDROLİK TUTUCU



KOD	d1 (mm)	D1 (mm)	L (mm)	KAPASİTE	FİYAT USD
SK40H20090	20	42	90	3-20	275,00 \$
SK40H32105	32	64	115	3-22	300,00 \$

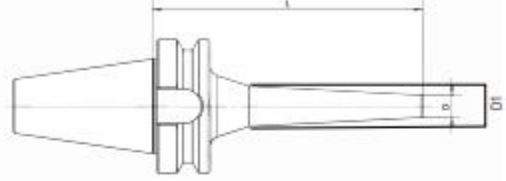


SK 40 HİDROLİK TUTUCU SET

KOD	ÖZELLİK / Pens Ölçüleri	FİYAT USD
SK40H20TK	SK40 - H20 (6-8-10-12-16)	599,00 \$
SK40H32TK	SK40 - H32 (6-8-10-12-16-20-25)	730,00 \$

■ HASSASİYET : 0.005

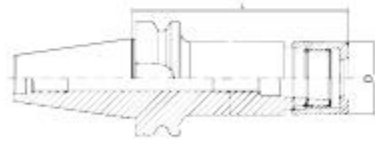
SK 40 SDC İÇTEN ÇEKTİRMELİ TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	D1 (mm)	FİYAT USD
SK40SDC06090	SK40 SDC 06	3-6	90	14	19,50	67,00 \$
SK40SDC06150	SK40 SDC 06	3-6	150	14	25,50	89,00 \$
SK40SDC08090	SK40 SDC 08	3-8	90	22	28,50	70,00 \$
SK40SDC08150	SK40 SDC 08	3-8	150	22	33,50	91,00 \$
SK40SDC12090	SK40 SDC 12	4-12	90	34	41,00	72,00 \$
SK40SDC12150	SK40 SDC 12	4-12	150	34	45,00	93,00 \$

■ HASSASİYET : 0.005

SK 40 SK HASSAS TUTUCU



KOD	ÖZELLİK	KAPASİTE	L (mm)	D (mm)	FİYAT USD
SK40SK06090	SK40-SK06	1-6	90	19,5	45,00 \$
SK40SK06150	SK40-SK06	1-6	150	19,5	57,00 \$
SK40SK10090	SK40-SK10	1-10	90	27,10	46,00 \$
SK40SK10150	SK40-SK10	1-10	150	27,10	58,00 \$
SK40SK16090	SK40-SK16	2-16	90	40,10	47,00 \$
SK40SK16150	SK40-SK16	2-16	150	40,10	59,00 \$



İSO 40 PENS BAŞLIĞI (ER TİPİ)

KOD	L (mm)	D (mm)	PENS	KAPASİTE	FİYAT USD
İSO40ER20100	100	34	ER20	1-13	37,00 \$
İSO40ER25100	100	42	ER25	1-16	37,00 \$
İSO40ER32060	60	50	ER32	2-20	37,00 \$
İSO40ER40070	70	63	ER40	2-26	37,00 \$



İSO 40 PENS BAŞLIĞI (OZ TİPİ)

KOD	L BOY	D (mm)	KAPASİTE	FİYAT USD
İSO30462E075	75	60	3-25	48,50 \$
İSO40462E065	60	60	3-25	51,00 \$
İSO40462E100	100	60	3-25	57,50 \$
İSO50462100	100	60	3-25	74,50 \$



İSO 40 ALIN KAMALI MALAFA

KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
İSO4016K55	16K	38	55	37,00 \$
İSO4022K55	22K	48	55	37,00 \$
İSO4027K55	27K	58	55	37,00 \$
İSO4032K55	32K	63	55	39,00 \$
İSO4040K55	40K	78	55	42,00 \$



İSO 40 MANDRENİ BAŞLIKLAR

KOD	ÖLÇÜ	D (mm)	L (mm)	FİYAT USD
İSO40113	1-13	48	85	64,50 \$
İSO40116	1-16	53	100	69,00 \$



İSO 40 MANDREN MALAFALARI

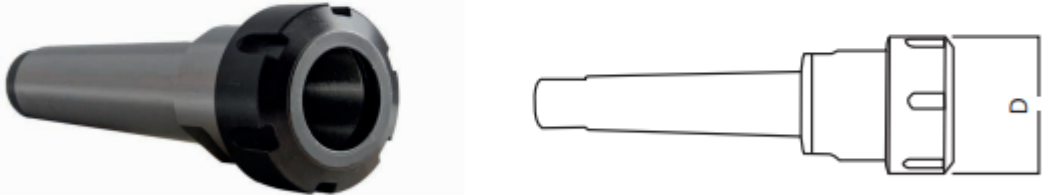
KOD	ÖZELLİK	BAĞLAMA ÇAP (D)	L (mm)	FİYAT USD
İSO40B16	İSO40	B16	56	37,00 \$
İSO40B18	İSO40	B18	64	37,00 \$

MORS KONİK PENS BAŞLIĞI



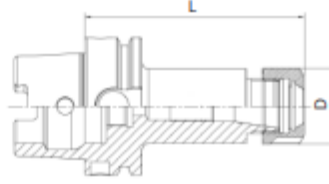
KOD	KONİK	PENS	KAPASİTE (mm)	D (mm)	FİYAT USD
MK3ER32	MK3	ER32	2-20	50	31,30 \$
MK3ER40	MK3	ER40	2-26	63	40,10 \$
MK3462E	MK3	462E	3-25	60	41,80 \$
MK4ER32	MK4	ER32	2-20	50	31,30 \$
MK4ER40	MK4	ER40	2-26	63	40,10 \$
MK4462E	MK4	462E	3-25	60	42,80 \$
MK5ER32	MK5	ER32	2-20	50	48,50 \$
MK5ER40	MK5	ER40	2-26	63	52,10 \$
MK5462E	MK5	462E	3-25	60	52,60 \$

MORS KONİK PENS BAŞLIĞI ÇEKTİRMELİ



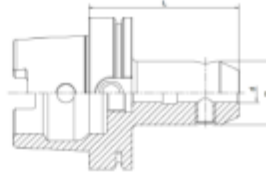
KOD	KONİK	PENS	KAPASİTE (mm)	D (mm)	FİYAT USD
CMK3ER32	MK3	ER32	2-20	50	31,30 \$
CMK3ER40	MK3	ER40	2-26	63	40,10 \$
CMK3462E	MK3	462E	3-25	60	41,80 \$
CMK4ER32	MK4	ER32	2-20	50	31,30 \$
CMK4ER40	MK4	ER40	2-26	63	40,10 \$
CMK4462E	MK4	462E	3-25	60	42,80 \$
CMK5ER32	MK5	ER32	2-20	50	48,50 \$
CMK5ER40	MK5	ER40	2-26	63	52,10 \$
CMK5462E	MK5	462E	3-25	60	52,60 \$

HSK63A PENS BAŞLIĞI (ER TİPİ)



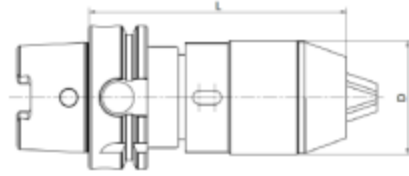
KOD	D (mm)	L (mm)	KAPASİTE	FİYAT USD
HSK63AER11100	16	100	1-7	85,00 \$
HSK63AER11160	16	160	1-7	105,00 \$
HSK63AER16100	22	100	1-10	75,00 \$
HSK63AER16160	22	160	1-10	100,00 \$
HSK63AER25100	42	100	2-16	80,00 \$
HSK63AER25160	42	160	2-16	100,00 \$
HSK63AER32100	50	100	3-20	80,00 \$
HSK63AER32160	50	160	3-20	100,00 \$
HSK63AER40100	63	100	4-26	85,00 \$
HSK63AER40160	63	160	4-26	105,00 \$

HSK63A VELDON TUTUCULAR



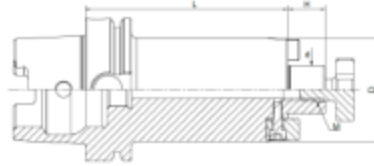
KOD	d (mm)	D (mm)	L (mm)	FİYAT USD
HSK63A06V65	6	25	65	80,00 \$
HSK63A08V65	8	28	65	80,00 \$
HSK63A10V65	10	35	65	80,00 \$
HSK63A12V80	12	42	80	80,00 \$
HSK63A16V80	16	48	80	80,00 \$
HSK63A20V100	20	52	100	80,00 \$
HSK63A25V110	25	65	110	85,00 \$
HSK63A32V110	32	72	110	90,00 \$
HSK63A40V125	40	80	125	90,00 \$

HSK63A MADRENLİ BAŞLIKLAR



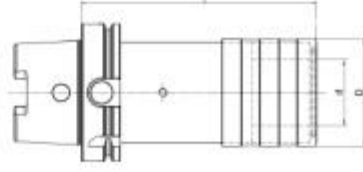
KOD	D (mm)	L (mm)	KAPASİTE	FİYAT USD
HSK63A113130	48	130	1-13	140,00 \$
HSK63A116140	53	140	3-16	146,00 \$

HSK63A ALIN KAMALI MALAFA



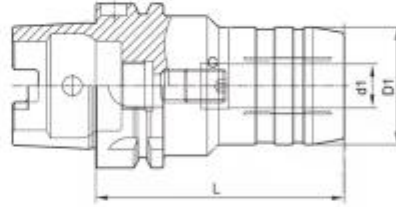
KOD	d (mm)	D (mm)	H (mm)	L (mm)	M (mm)	FİYAT USD
HSK63A16K50	16	38	17	50	M8	85,00 \$
HSK63A16K100	16	38	17	100	M8	93,00 \$
HSK63A16K160	16	38	17	160	M8	125,00 \$
HSK63A22K50	22	48	19	50	M10	85,00 \$
HSK63A22K100	22	48	19	100	M10	93,00 \$
HSK63A22K160	22	48	19	160	M10	125,00 \$
HSK63A27K60	27	58	21	60	M12	85,00 \$
HSK63A27K100	27	58	21	100	M12	93,00 \$
HSK63A27K160	27	58	21	160	M12	125,00 \$
HSK63A32K60	32	78	24	60	M16	90,00 \$
HSK63A32K100	32	78	24	100	M16	98,00 \$
HSK63A32K160	32	78	24	160	M16	130,00 \$
HSK63A40K60	40	88	27	60	M20	90,00 \$
HSK63A40K100	40	88	27	100	M20	98,00 \$
HSK63A40K160	40	88	27	160	M20	130,00 \$

HSK63A KILAVUZ ÇEKME BAŞLIĞI



KOD	d (mm)	D (mm)	L (mm)	KAPASİTE	FİYAT USD
HSK63AKC312	19	36	102	M3-14	210,00 \$
HSK63AKC820	31	53	140	M5-24	220,00 \$

HSK63A HİDROLİK TUTUCU



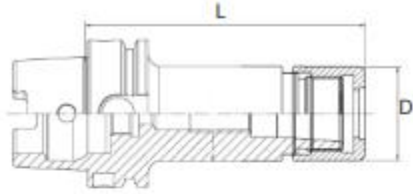
KOD	d1 (mm)	D1 (mm)	L (mm)	KAPASİTE	FİYAT USD
HSK63AH2090	20	42	90	3-20 mm	360,00 \$



HSK63A HİDROLİK TUTUCU SET

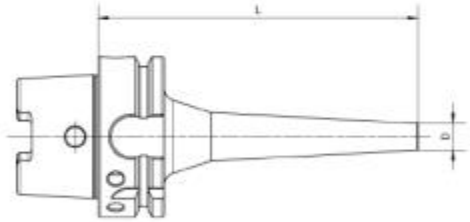
KOD	PENS ÖLÇÜLERİ	FİYAT USD
HSK63AH20TK	6-8-10-12-16	685,00 \$

HSK63A SK HASSAS TUTUCULAR



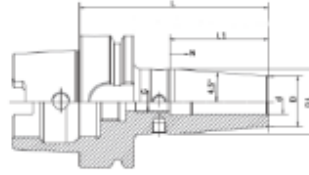
KOD	D (mm)	L (mm)	KAPASİTE	FİYAT USD
HSK63ASK10090	27,1	90	2-10	92,00 \$
HSK63ASK10150	27,1	150	2-10	108,00 \$
HSK63ASK16090	40	90	3-16	94,00 \$
HSK63ASK16150	40	150	3-16	110,00 \$

HSK63A İÇTEN ÇEKTİRMELİ TUTUCU



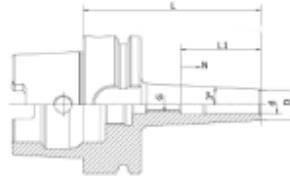
KOD	D (mm)	L (mm)	KAPASİTE	FİYAT USD
HSK63ASDC06090	14	90	1-6	110,00 \$
HSK63ASDC06150	14	150	1-6	130,00 \$
HSK63ASDC08090	22	90	1-10	114,00 \$
HSK63ASDC08150	22	150	1-10	132,00 \$
HSK63ASDC12120	34	120	1-12	116,00 \$
HSK63ASDC12150	34	150	1-12	134,00 \$

HSK63A SHRİNK TUTUCU (KALIN CİDARLI 4,5°)

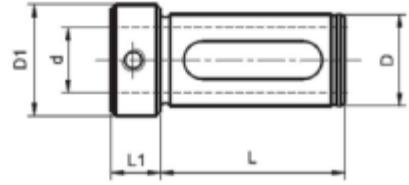


KOD	d (mm)	D (mm)	D1 (mm)	L (mm)	L1 (mm)	FİYAT USD
HSK63ASF03090	3	15	20	90	-	242,65 \$
HSK63ASF04090	4	15	20	90	-	242,65 \$
HSK63ASF05090	5	15	20	90	-	242,65 \$
HSK63ASF06090	6	21	27	90	36	242,65 \$
HSK63ASF08090	8	21	27	90	36	242,65 \$
HSK63ASF10090	10	24	31	90	42	242,65 \$
HSK63ASF12090	12	24	31	90	47	242,65 \$
HSK63ASF16090	16	27	34	90	50	242,65 \$
HSK63ASF20090	20	33	40	90	52	242,65 \$
HSK63ASF25090	25	44	53	90	58	242,65 \$
HSK63ASF03160	3	15	25	160	-	286,20 \$
HSK63ASF04160	4	15	25	160	-	286,20 \$
HSK63ASF05160	5	15	25	160	-	286,20 \$
HSK63ASF06160	6	21	32	160	36	286,20 \$
HSK63ASF08160	8	21	32	160	36	286,20 \$
HSK63ASF10160	10	24	34	160	42	286,20 \$
HSK63ASF12160	12	24	34	160	47	286,20 \$
HSK63ASF16160	16	27	42	160	50	286,20 \$
HSK63ASF20160	20	33	51	160	52	286,20 \$
HSK63ASF25160	25	44	53	160	58	286,20 \$

HSK63A SHRİNK TUTUCU (İNCE CİDARLI 3°)



KOD	d (mm)	D (mm)	L (mm)	L1 (mm)	FİYAT USD
HSK63ASFS03090	3	9	90	-	267,10 \$
HSK63ASFS04090	4	10	90	-	267,10 \$
HSK63ASFS05090	5	12	90	-	267,10 \$
HSK63ASFS06090	6	12	90	36	267,10 \$
HSK63ASFS08090	8	14	90	36	267,10 \$
HSK63ASFS10090	10	16	90	42	267,10 \$
HSK63ASFS12090	12	18	90	47	267,10 \$
HSK63ASFS16090	16	22	90	50	267,10 \$
HSK63ASFS20090	20	26	90	54	267,10 \$
HSK63ASFS03160	3	9	160	-	314,90 \$
HSK63ASFS04160	4	10	160	-	314,90 \$
HSK63ASFS05160	5	12	160	-	314,90 \$
HSK63ASFS06160	6	12	160	36	314,90 \$
HSK63ASFS08160	8	14	160	36	314,90 \$
HSK63ASFS10160	10	16	160	42	314,90 \$
HSK63ASFS12160	12	18	160	47	314,90 \$
HSK63ASFS16160	16	22	160	50	314,90 \$
HSK63ASFS20160	20	26	160	54	314,90 \$



KOD	D (mm)	d (mm)	D1 (mm)	L1 (mm)	L (mm)	FİYAT USD
T007505	20	6	20	5	40	16,50 \$
T007506		8				16,50 \$
T007507		10				16,50 \$
T007508		12				16,50 \$
T007509		16				16,50 \$
T007700-1	25	6	32	13	50	18,00 \$
T007700		8				18,00 \$
T007701		10				18,00 \$
T007702		12				18,00 \$
T007703		16				18,00 \$
T007704		20				18,00 \$
T007705-1	32	6	39	14	70	20,00 \$
T007705		8				20,00 \$
T007706		10				20,00 \$
T007707		12				20,00 \$
T007708		16				20,00 \$
T007709		20				20,00 \$
T007710		25				20,00 \$
T007711-1	40	6	46,5	15	80	24,00 \$
T007711		8				24,00 \$
T007712		10				24,00 \$
T007713		12				24,00 \$
T007714		16				24,00 \$
T007715		20				24,00 \$
T007716		25				24,00 \$
T007717		32				24,00 \$
T007720-1	50	6	58	15	90	33,00 \$
T007720		8				33,00 \$
T007721		10				33,00 \$
T007722		12				33,00 \$
T007723		16				33,00 \$
T007724		20				33,00 \$
T007725		25				33,00 \$
T007726		32				33,00 \$
T007727		40				33,00 \$

REDÜKSİYON KOVANI (mors konik için)

KOD	D (mm)	d (mm)	D1 (mm)	L1 (mm)	L (mm)	FİYAT USD
T007750	32	MK1	39	14	70	20,00 \$
T007751		MK2				20,00 \$
T007752		MK3				20,00 \$
T007753	40	MK1	46.5	15	80	24,00 \$
T007754		MK2				24,00 \$
T007755		MK3				24,00 \$
T007756		MK4				24,00 \$



DELİK BÜYÜTME BARA SETİ

KOD	ÖZELLİK	İŞLEME ARALIĞI mm	FİYAT USD
T007800	F1-12 / ISO 40	10-125	280,00 \$
T007801	F1-18 / ISO 40	12-225	355,00 \$
T007802	F1-12 / BT 40	10-125	310,00 \$
T007803	F1-18 / BT 40	12-225	380,00 \$



DELİK BÜYÜTME BARA TAKIMI

KOD	ÖZELLİK	İŞLEME ARALIĞI mm	FİYAT USD
T007810	F1 - 12	10-125	150,00 \$
T007811	F1 - 18	12-225	191,00 \$
T007812	F1 - 25	15-320	228,00 \$



DELİK BÜYÜTME BAŞLIĞI

KOD	ÖZELLİK	İŞLEME ARALIĞI mm	FİYAT USD
T007820	F1 - 12	10-125	107,00 \$
T007821	F1 - 18	12-225	149,00 \$
T007822	F1 - 25	15-320	272,00 \$



DELİK BÜYÜTME MALAFASI

KOD	ÖZELLİK	FİYAT USD
T007830	ISO 30	45,60 \$
T007831	ISO 40	49,40 \$
T007832	ISO 50	64,50 \$
T007833	BT 30	70,00 \$
T007834	BT 40	77,00 \$
T007835	BT 50	116,00 \$
T007836	MK 3	35,00 \$
T007837	MK 4	46,00 \$
T007838	MK 5	54,00 \$