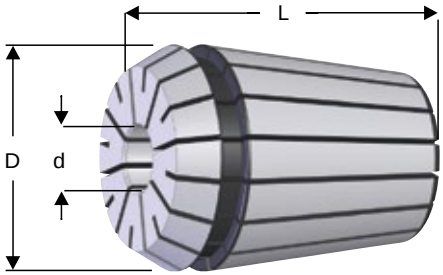
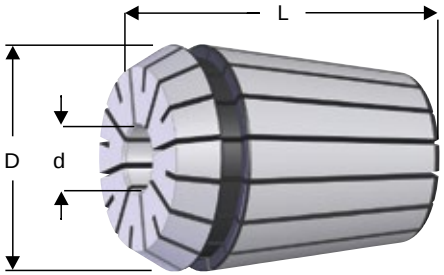
2023 GENEL KATALOG
GENERAL CATALOGUE

DEĞERLİ®

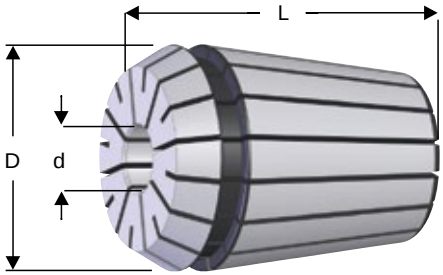


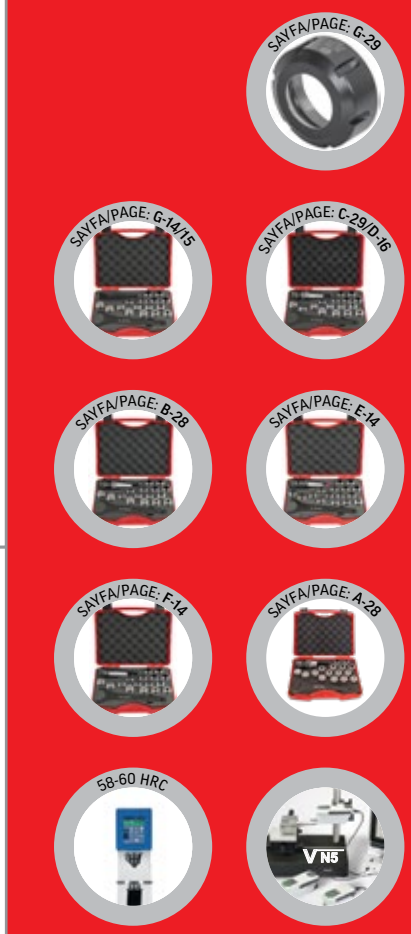
Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100426.03	ER 16 - 426	3 - 2 mm	17	27,5
100426.04	ER 16 - 426	4 - 3 mm	17	27,5
100426.05	ER 16 - 426	5 - 4 mm	17	27,5
100426.06	ER 16 - 426	6 - 5 mm	17	27,5
100426.07	ER 16 - 426	7 - 6 mm	17	27,5
100426.08	ER 16 - 426	8 - 7 mm	17	27,5
100426.09	ER 16 - 426	9 - 8 mm	17	27,5
100426.10	ER 16 - 426	10 - 9 mm	17	27,5



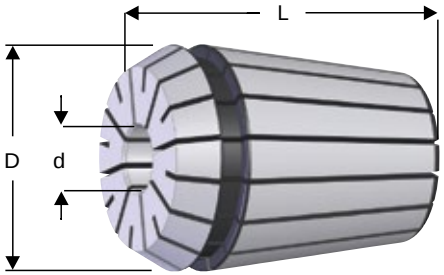
Sipariş Kodu Order Number	**Pens** Collet	**Kapasite** Capacity (d)	**D**	**L**
100428.03	ER 20 - 428	3 - 2 mm	21	31,5
100428.04	ER 20 - 428	4 - 3 mm	21	31,5
100428.05	ER 20 - 428	5 - 4 mm	21	31,5
100428.06	ER 20 - 428	6 - 5 mm	21	31,5
100428.07	ER 20 - 428	7 - 6 mm	21	31,5
100428.08	ER 20 - 428	8 - 7 mm	21	31,5
100428.09	ER 20 - 428	9 - 8 mm	21	31,5
100428.10	ER 20 - 428	10 - 9 mm	21	31,5
100428.11	ER 20 - 428	11 - 10 mm	21	31,5
100428.12	ER 20 - 428	12 - 11 mm	21	31,5
100428.13	ER 20 - 428	13 - 12 mm	21	31,5

DIN 6499
ER 25 PENSLER
ER 25 COLLETS

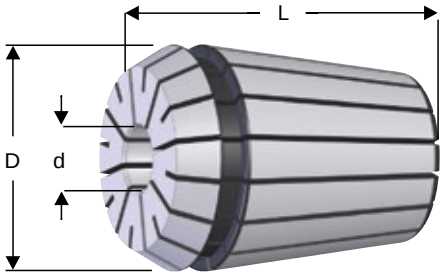




Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100430.03	ER 25 - 430	3 - 2 mm	26	34
100430.04	ER 25 - 430	4 - 3 mm	26	34
100430.05	ER 25 - 430	5 - 4 mm	26	34
100430.06	ER 25 - 430	6 - 5 mm	26	34
100430.07	ER 25 - 430	7 - 6 mm	26	34
100430.08	ER 25 - 430	8 - 7 mm	26	34
100430.09	ER 25 - 430	9 - 8 mm	26	34
100430.10	ER 25 - 430	10 - 9 mm	26	34
100430.11	ER 25 - 430	11 - 10 mm	26	34
100430.12	ER 25 - 430	12 - 11 mm	26	34
100430.13	ER 25 - 430	13 - 12 mm	26	34
100430.14	ER 25 - 430	14 - 13 mm	26	34
100430.15	ER 25 - 430	15 - 14 mm	26	34
100430.16	ER 25 - 430	16 - 15 mm	26	34



Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100470.03	ER 32 - 470	3 - 2 mm	33	40
100470.04	ER 32 - 470	4 - 3 mm	33	40
100470.05	ER 32 - 470	5 - 4 mm	33	40
100470.06	ER 32 - 470	6 - 5 mm	33	40
100470.07	ER 32 - 470	7 - 6 mm	33	40
100470.08	ER 32 - 470	8 - 7 mm	33	40
100470.09	ER 32 - 470	9 - 8 mm	33	40
100470.10	ER 32 - 470	10 - 9 mm	33	40
100470.11	ER 32 - 470	11 - 10 mm	33	40
100470.12	ER 32 - 470	12 - 11 mm	33	40
100470.13	ER 32 - 470	13 - 12 mm	33	40
100470.14	ER 32 - 470	14 - 13 mm	33	40
100470.15	ER 32 - 470	15 - 14 mm	33	40
100470.16	ER 32 - 470	16 - 15 mm	33	40
100470.17	ER 32 - 470	17 - 16 mm	33	40
100470.18	ER 32 - 470	18 - 17 mm	33	40
100470.19	ER 32 - 470	19 - 18 mm	33	40
100470.20	ER 32 - 470	20 - 19 mm	33	40



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SAYFA/PAGE: B-28
SAYFA/PAGE: E-14
SAYFA/PAGE: F-14
SAYFA/PAGE: A-28
58-60 HRC
VN5

Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100472.03	ER 40 - 472	3 - 2 mm	41	46
100472.04	ER 40 - 472	4 - 3 mm	41	46
100472.05	ER 40 - 472	5 - 4 mm	41	46
100472.06	ER 40 - 472	6 - 5 mm	41	46
100472.07	ER 40 - 472	7 - 6 mm	41	46
100472.08	ER 40 - 472	8 - 7 mm	41	46
100472.09	ER 40 - 472	9 - 8 mm	41	46
100472.10	ER 40 - 472	10 - 9 mm	41	46
100472.11	ER 40 - 472	11 - 10 mm	41	46
100472.12	ER 40 - 472	12 - 11 mm	41	46
100472.13	ER 40 - 472	13 - 12 mm	41	46
100472.14	ER 40 - 472	14 - 13 mm	41	46

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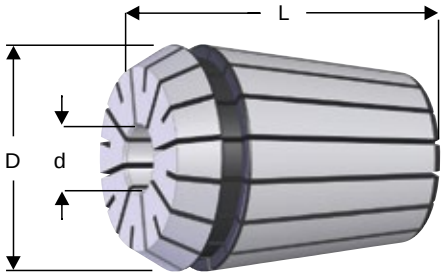
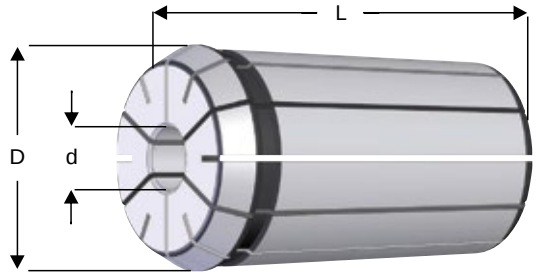
58-60 HRC



Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100472.15	ER 40 - 472	15 - 14 mm	41	46
100472.16	ER 40 - 472	16 - 15 mm	41	46
100472.17	ER 40 - 472	17 - 16 mm	41	46
100472.18	ER 40 - 472	18 - 17 mm	41	46
100472.19	ER 40 - 472	19 - 18 mm	41	46
100472.20	ER 40 - 472	20 - 19 mm	41	46
100472.21	ER 40 - 472	21 - 20 mm	41	46
100472.22	ER 40 - 472	22 - 21 mm	41	46
100472.23	ER 40 - 472	23 - 22 mm	41	46
100472.24	ER 40 - 472	24 - 23 mm	41	46
100472.25	ER 40 - 472	25 - 24 mm	41	46
100472.26	ER 40 - 472	26 - 25 mm	41	46



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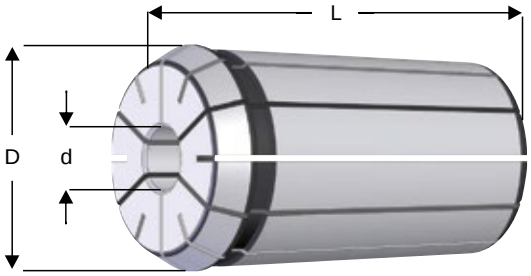
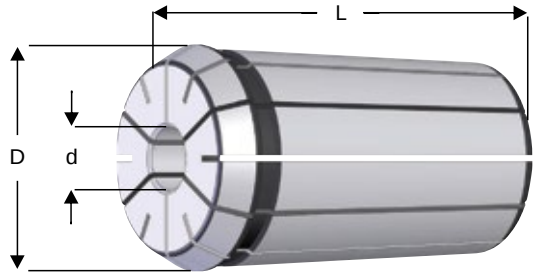
58-60 HRC

Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100462.03	462	3 - 2,5 mm	35,05	52
100462.04	462	4 - 3,5 mm	35,05	52
100462.05	462	5 - 4,5 mm	35,05	52
100462.06	462	6 - 5,5 mm	35,05	52
100462.07	462	7 - 6,5 mm	35,05	52
100462.08	462	8 - 7,5 mm	35,05	52
100462.09	462	9 - 8,5 mm	35,05	52
100462.10	462	10 - 9,5 mm	35,05	52
100462.11	462	11 - 10,5 mm	35,05	52
100462.12	462	12 - 11,5 mm	35,05	52
100462.13	462	13 - 12,5 mm	35,05	52
100462.14	462	14 - 13,5 mm	35,05	52
100462.15	462	15 - 14,5 mm	35,05	52
100462.16	462	16 - 15,5 mm	35,05	52
100462.17	462	17 - 16,5 mm	35,05	52
100462.18	462	18 - 17,5 mm	35,05	52
100462.19	462	19 - 18,5 mm	35,05	52
100462.20	462	20 - 19,5 mm	35,05	52
100462.21	462	21 - 20,5 mm	35,05	52
100462.22	462	22 - 21,5 mm	35,05	52
100462.23	462	23 - 22,5 mm	35,05	52
100462.24	462	24 - 23,5 mm	35,05	52
100462.25	462	25 - 24,5 mm	35,05	52



Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100467.03	467	3 - 2,5 mm	43,7	60
100467.04	467	4 - 3,5 mm	43,7	60
100467.05	467	5 - 4,5 mm	43,7	60
100467.06	467	6 - 5,5 mm	43,7	60
100467.07	467	7 - 6,5 mm	43,7	60
100467.08	467	8 - 7,5 mm	43,7	60
100467.09	467	9 - 8,5 mm	43,7	60
100467.10	467	10 - 9,5 mm	43,7	60
100467.11	467	11 - 10,5 mm	43,7	60
100467.12	467	12 - 11,5 mm	43,7	60
100467.13	467	13 - 12,5 mm	43,7	60
100467.14	467	14 - 13,5 mm	43,7	60
100467.15	467	15 - 14,5 mm	43,7	60
100467.16	467	16 - 15,5 mm	43,7	60
100467.17	467	17 - 16,5 mm	43,7	60

Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100467.18	467	18 - 17,5 mm	43,7	60
100467.19	467	19 - 18,5 mm	43,7	60
100467.20	467	20 - 19,5 mm	43,7	60
100467.21	467	21 - 20,5 mm	43,7	60
100467.22	467	22 - 21,5 mm	43,7	60
100467.23	467	23 - 22,5 mm	43,7	60
100467.24	467	24 - 23,5 mm	43,7	60
100467.25	467	25 - 24,5 mm	43,7	60
100467.26	467	26 - 25,5 mm	43,7	60
100467.27	467	27 - 26,5 mm	43,7	60
100467.28	467	28 - 27,5 mm	43,7	60
100467.29	467	29 - 28,5 mm	43,7	60
100467.30	467	30 - 29,5 mm	43,7	60
100467.31	467	31 - 30,5 mm	43,7	60
100467.32	467	32 - 31,5 mm	43,7	60



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58-60 HRC

Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100468.04	468	4 - 3,5 mm	52,2	68
100468.05	468	5 - 4,5 mm	52,2	68
100468.06	468	6 - 5,5 mm	52,2	68
100468.07	468	7 - 6,5 mm	52,2	68
100468.08	468	8 - 7,5 mm	52,2	68
100468.09	468	9 - 8,5 mm	52,2	68
100468.10	468	10 - 9,5 mm	52,2	68
100468.11	468	11 - 10,5 mm	52,2	68
100468.12	468	12 - 11,5 mm	52,2	68
100468.13	468	13 - 12,5 mm	52,2	68
100468.14	468	14 - 13,5 mm	52,2	68
100468.15	468	15 - 14,5 mm	52,2	68
100468.16	468	16 - 15,5 mm	52,2	68
100468.17	468	17 - 16,5 mm	52,2	68
100468.18	468	18 - 17,5 mm	52,2	68
100468.19	468	19 - 18,5 mm	52,2	68
100468.20	468	20 - 19,5 mm	52,2	68
100468.21	468	21 - 20,5 mm	52,2	68
100468.22	468	22 - 21,5 mm	52,2	68

Sipariş Kodu Order Number	Pens Collet	Kapasite Capacity (d)	D	L
100468.23	468	23 - 22,5 mm	52,2	68
100468.24	468	24 - 23,5 mm	52,2	68
100468.25	468	25 - 24,5 mm	52,2	68
100468.26	468	26 - 25,5 mm	52,2	68
100468.27	468	27 - 26,5 mm	52,2	68
100468.28	468	28 - 27,5 mm	52,2	68
100468.29	468	29 - 28,5 mm	52,2	68
100468.30	468	30 - 29,5 mm	52,2	68
100468.31	468	31 - 30,5 mm	52,2	68
100468.32	468	32 - 31,5 mm	52,2	68
100468.33	468	33 - 32,5 mm	52,2	68
100468.34	468	34 - 33,5 mm	52,2	68
100468.35	468	35 - 34,5 mm	52,2	68
100468.36	468	36 - 35,5 mm	52,2	68
100468.37	468	37 - 36,5 mm	52,2	68
100468.38	468	38 - 37,5 mm	52,2	68
100468.39	468	39 - 38,5 mm	52,2	68
100468.40	468	40 - 39,5 mm	52,2	68

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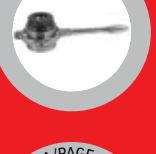
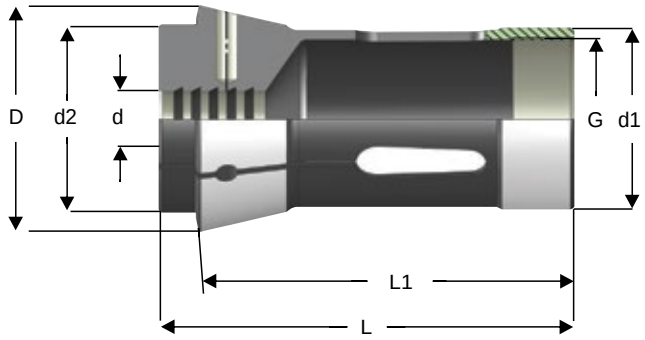
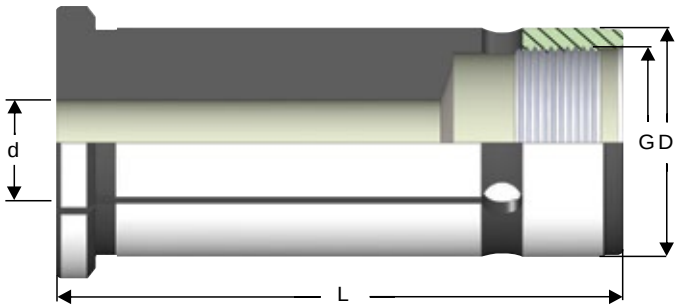


58-60 HRC



Sipariş Kodu Order Number	Pens Collet	Profil	Kapasite Capacity (d)	d1	d2	D	L1	L	G
110042.XX	173 D	○	5-42 mm	48	50	60	85	94	M43x1
111042.XX	173 D	⬡	6-37 mm	48	50	60	85	94	M43x1
110060.XX	185 D	○	6-60 mm	66	73	84	101	110	M61x1
111060.XX	185 D	⬡	12-52 mm	66	73	84	101	110	M61x1

RULMANLI TUTUCU PENSİ
PRECISION MILLING CHUCK COLLET



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SAYFA/PAGE: B-29
58-60 HRC

Sipariş Kodu Order Number	**Ø**	**Kapasite** Capacity (d)	**D**	**L**	**G**
150020.XX	20	3-16	20	60	M16x1
150032.XX	32	3-25	32	70	M26x1

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SAYFA/PAGE: C-03
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SAYFA/PAGE: G-18

Sipariş Kodu Order Number	Pens Collet	Adet Piece	Ölçüler Contents
000462	462	17	4-5-6-7-8-9-10-11-12-14-16-18-20-22-24-25 - 905862
000467	467	17	5-6-7-8-10-12-14-16-18-20-22-24-25-28-30-32 - 906875
000468	468	21	6-7-8-9-10-12-14-16-18-20-22-24-25-28-30-32-34-36-38-40 - 908090

DIN 6499
BAŞLIKSIZ ANAHTARSIZ ER SERİSİ TAKIMLAR
COLLET SET IN BOX ER SERIES WITHOUT WRENCH

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SAYFA/PAGE: G-05
SAYFA/PAGE: G-06

Sipariş Kodu Order Number	Pens Collet	Adet Piece	Ölçüler Contents
000426	ER 16 / 426	8	3-4-5-6-7-8-9-10
000428	ER 20 / 428	11	3-4-5-6-7-8-9-10-11-12-13
000430-1	ER 25 / 430	14	3-4-5-6-7-8-9-10-11-12-13-14-15-16
000470-1	ER 32 / 470	18	3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20
000472-1	ER 40 / 472	23	4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26

Sipariş Kodu Order Number	Pens Collet	Adet Piece	Ölçüler Contents
000430	ER 25 / 430	13	3-4-5-6-7-8-9-10-11-12-14-16 - 9042430
000470	ER 32 / 470	15	3-4-5-6-7-8-9-10-11-12-14-16-18-20 - 9050470
000472	ER 40 / 472	17	4-5-6-7-8-9-10-11-12-14-16-18-20-22-24-26 - 9063472

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Sipariş Kodu Order Number	Ürün Adı Product Name
510470.MRZ	SK 30 / ER 32 - 470 / CNC CARPENTER COLLET CHUCK (A - 50)
510470.MRZS	SK 30 / ER 32 - 470 SOMUNLU / CNC CARPENTER COLLET CHUCK
23065	SK 30 CNC MRZ PULLSTUD 6,5 RADIUS

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Sipariş Kodu Order Number	Ürün Adı Product Name
HSK.01	HSK - F 63 / 462 (A - 78) / COLLET CHUCK
HSK.02	HSK - F 63 / ER-32 470 (A - 70) / COLLET CHUCK
HSK.03	HSK - F 63 / ER-40 472 (A - 78) / COLLET CHUCK

DIN 1810 - A
AY ANAHTARI
WRENCH

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Sipariş Kodu Order Number	Cinsi Size	d	D
904042	415	40	42
904550	6-20	45	50
905862	462	58	62
906875	467 / 6-32	68	75
908090	468	80	90

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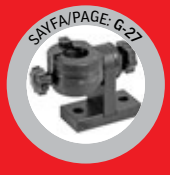

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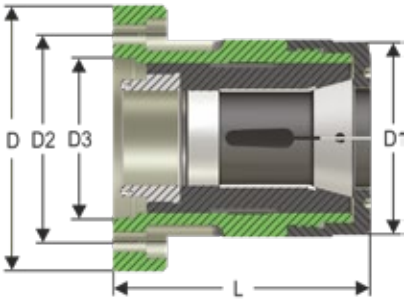
Sipariş Kodu Order Number	Cinsi Size	Kapasite Capacity (d)
9022426	426 (ER 16) mini	22
9028428	428 (ER 20) mini	28
9032426	426 (ER 16)	32
9035428	428 (ER 20)	35
9042430	430 (ER 25)	42
9050470	470 (ER 32)	50
9063472	472 (ER 40)	63

DIN 55021
HİDROLİK PENS AYNASI
QUICK ACTION COLLET CHUCK



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58-60 HRC

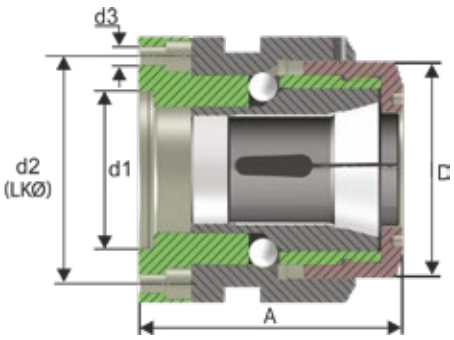
Sipariş Kodu Order Number	Max Devir Max Rpm	D	L	D1	D3	D2	Pens Kodu Collet Nr.
93040	5000	135	132	100	6"	104,8	173 D
93140	5000	165	134	118	8"	133,4	173 D
93060	4500	165	151	122	8"	133,4	185 D
93160	4000	208	154	138	10"	171,4	185 D

HPA MAŞONLAR / HPA INNER BUSH WITH BUSHES NUT	
Sipariş Kodu Order Number	**M**
93040-1	M66x1,5
93140-1	M80x1,5
93060-1	M80x1,5
93160-1	M98x1,5

HPA KAPAK ANAHTARI / WRENCH OF HPA CLAMPING NUT	
Sipariş Kodu Order Number	**D**
93040 / 93140 -2	66
93060 / 93160 -2	87

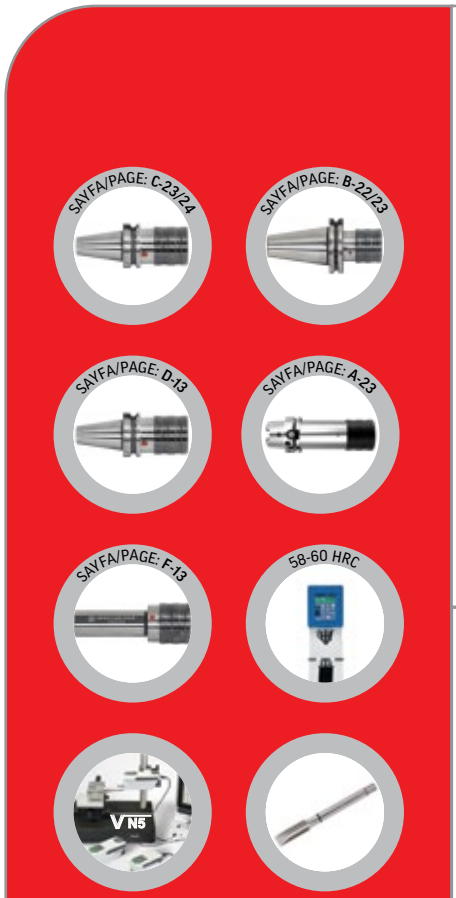
HPA MAŞON ANAHTARI / HPA ASSEMBLING WRENCH	
Sipariş Kodu Order Number	**D**
93140-3	48
93060-3	64

SERİ BİLYALI PENS AYNASI
QUICK ACTION COLLET CHUCK



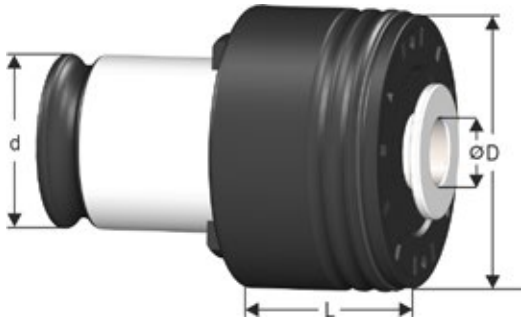
SAYFA/PAGE: G-11

Sipariş Kodu Order Number	**Pens** Collet	**Max Devir** Max Rpm	**D**	**d1**	**LkØ**	**d2**	**A**	**d3**
92040	173 D	2000	96	70	101	6 x 8,5	130	8,5

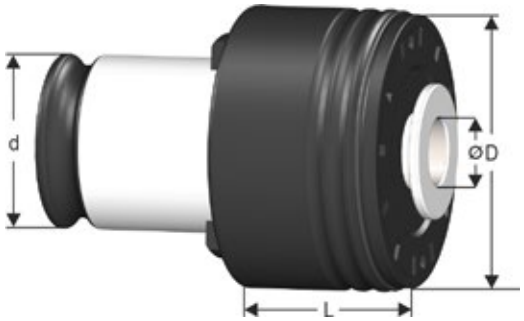


Sipariş Kodu Order Number	Ø	D	d	L	Kare Square
8 19 28.M2	2,8	32	19	25	2,1
8 19 28.M2,5	2,8	32	19	25	2,1
8 19 35.M3	3,5	32	19	25	2,7
8 19 40.M3,5	4	32	19	25	3,0
8 19 45.M4	4,5	32	19	25	3,4
8 19 60.M5	6	32	19	25	4,9
8 19 60.M6	6	32	19	25	4,9
8 19 80.M8	8	32	19	25	6,2
8 19 70.M10	7	32	19	25	5,5
8 19 10.M10	10	32	19	25	8,0
8 19 90.M12	9	32	19	25	7,0
8 19 11.M14	11	32	19	25	9,0

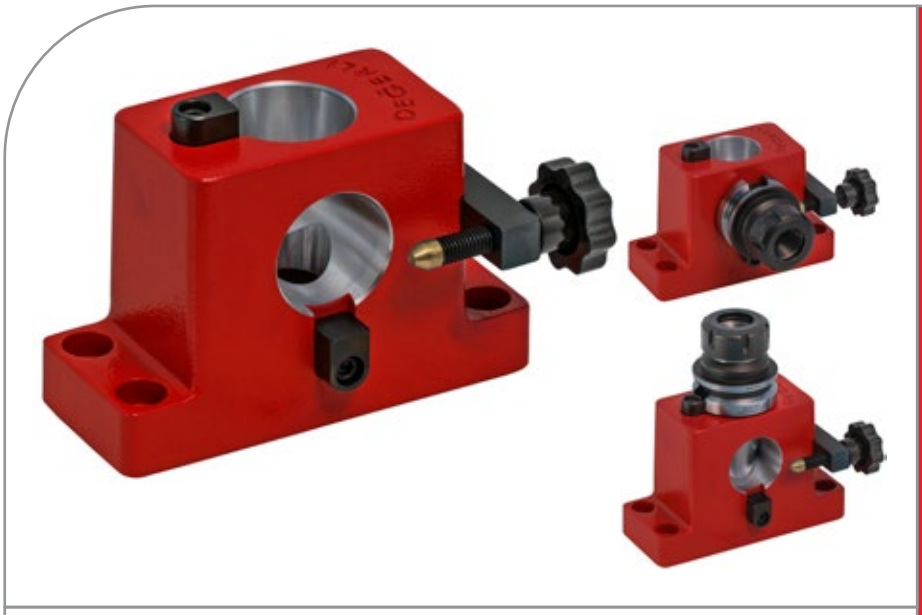
Ø 31 EMNİYETLİ TİP KLAVUZ TUTUCU
Ø 31 TAPPING COLLETS WITH CLUTCH

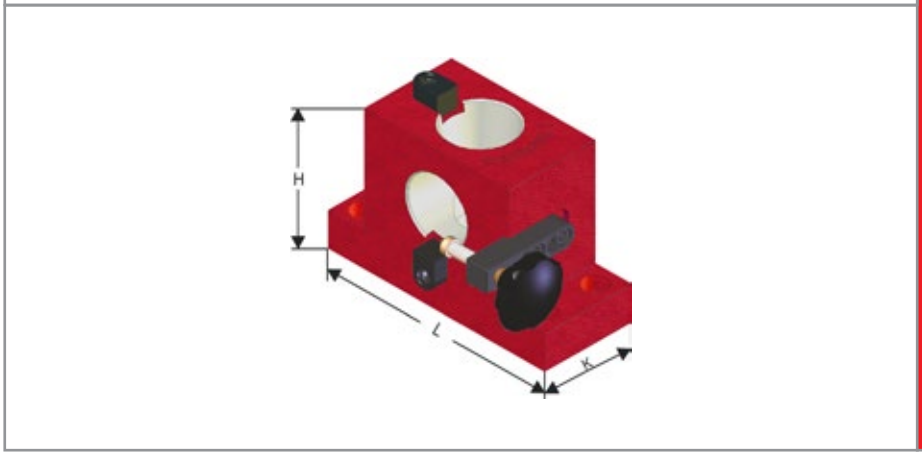


Sipariş Kodu Order Number	Ø	D	d	L	Kare Square
8 31 60.M5	6	50	31	31	4,9
8 31 60.M6	6	50	31	31	4,9
8 31 80.M8	8	50	31	31	6,2
8 31 70.M10	7	50	31	31	5,5
8 31 10.M10	10	50	31	31	8,0
8 31 90.M12	9	50	31	31	7,0
8 31 11.M14	11	50	31	31	9,0
8 31 12.M16	12	50	31	31	9,0
8 31 14.M18	14	50	31	31	11,0
8 31 16.M20	16	50	31	31	12,0
8 31 18.M22	18	50	31	31	14,5
8 31 18.M24	18	50	31	31	14,5



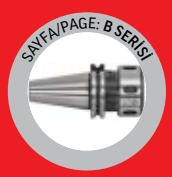
Sipariş Kodu Order Number	**Ø**	**D**	**d**	**L**	**Kare** Square
8 48 11.M14	11	72	48	41	9,0
8 48 12.M16	12	72	48	41	9,0
8 48 14.M18	14	72	48	41	11,0
8 48 16.M20	16	72	48	41	12,0
8 48 18.M22	18	72	48	41	14,5
8 48 18.M24	18	72	48	41	14,5
8 48 20.M27	20	72	48	41	16,0
8 48 22.M30	22	72	48	41	18,0
8 48 25.M33	25	72	48	41	20,0
8 48 28.M36	28	72	48	41	22,0

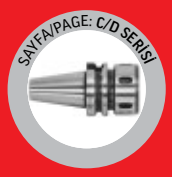


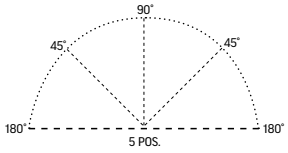


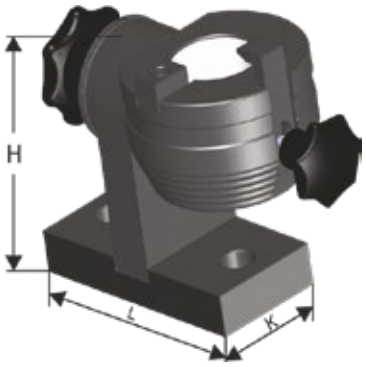
SAYFA/PAGE: E SERİSİ
SAYFA/PAGE: B SERİSİ
SAYFA/PAGE: C/D SERİSİ
SAYFA/PAGE: G-18
SAYFA/PAGE: G-19
SAYFA/PAGE: G-19

Sipariş Kodu Order Number	Cinsi Size	H	L	K
65040	ISO 40 / BT 40 / SK 40	105	160	62



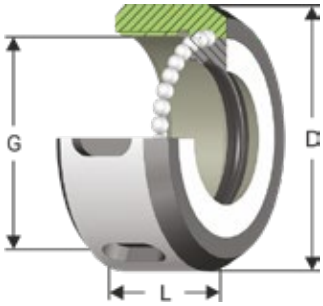






Sipariş Kodu Order Number	Cinsi Size	H	L	K
55030	ISO 30 / BBT 30 / BT 30 / SK 30	121	100	48
55040	ISO 40 / BBT 40 / BT 40 / SK 40	136	130	64
55050	ISO 50 / BBT50 / BT 50 / SK 50	170	170	72
55063	HSK - A 63	136	130	64
55030.MRZ	SK 30 MRZ / WOOD CNC	121	100	48
55063.MRZ	HSK - F 63 MRZ / WOOD CNC	136	130	64

DIN 6388 D
E SERİSİ PENS KAPAĞI
CLAMPING NUTS BALL-BEARING VERSION



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SAYFA/PAGE: G-18

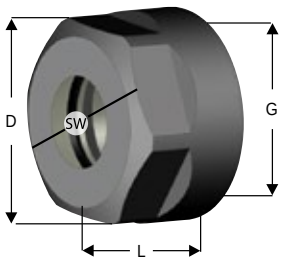
SAYFA/PAGE: G-27

SAYFA/PAGE: G-26

58-60 HRC

Sipariş Kodu Order Number	Cinsi Size	Kapasite Capacity (d)	D	G	L
40415	415	2-16 mm	43	M33 x 1,5	24
40462	462	2-25 mm	60	M48 x 2	30
40467	467	3-32 mm	72	M60 x 2,5	33,5
40468	468	4-40 mm	85	M68 x 2,5	37

TYPE 1



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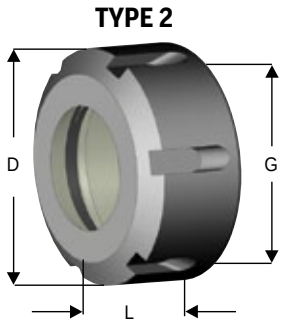

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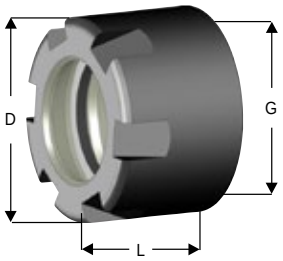
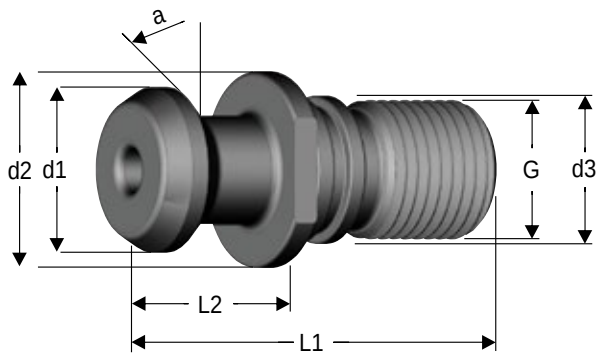


Sipariş Kodu Order Number	Cinsi Size	Kapasite Capacity (d)	D	G	L	SW	TYPE
40426	ER 16 - 426	2-10 mm	28	M22 x 1,5	17,5	25	1
41426	ER 16 - 426 mini	2-10 mm	22	M19 x 1	18	-	3
42426	ER 16 - 426	2-10 mm	32	M22 x 1,5	17,5	-	2
40428	ER 20 - 428	2-13 mm	34	M25 x 1,5	19	30	1
41428	ER 20 - 428 mini	2-13 mm	28	M24 x 1	19	-	3
42428	ER 20 - 428	2-13 mm	35	M25 x 1,5	19	-	2
40430	ER 25 - 430	2-16 mm	42	M32 x 1,5	20	-	2
40470	ER 32 - 470	2-20 mm	50	M40 x 1,5	22,5	-	2
40472	ER 40 - 472	2-26 mm	63	M50 x 1,5	25,5	-	2



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SAYFA/PAGE: B SERİSİ
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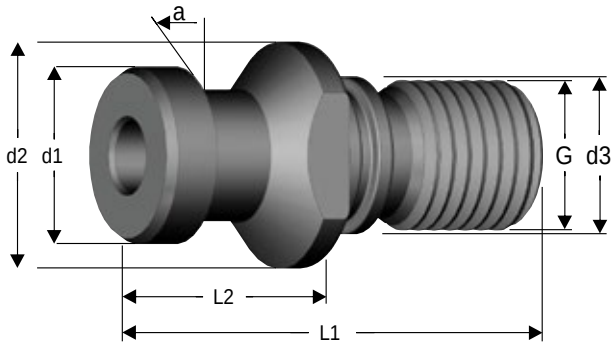
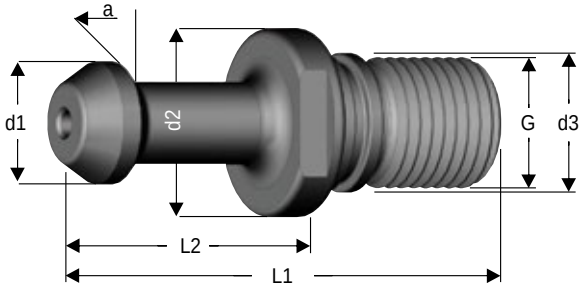
SAYFA/PAGE: G-26
58-60 HRC

Sipariş Kodu Order Number	Ürün Adı Product Name	d1	d2	d3	L1	L2	G	a
21445	CAT 40 MAZAK PULLSTUD	18,80	22	17	41,25	16,10	M16	45°
21445.1	BT 40 MAZAK PULLSTUD	18,80	22,5	17	44,10	19,10	M16	45°
21545	ISO 7388 / B 50 PULLSTUD	28,95	37	25	65,40	25,40	M24	45°
22445	ISO 7388 / B 40 PULLSTUD	18,95	22,5	17	44,50	16,40	M16	45°
22545	CAT 50 MAZAK PULLSTUD	29,10	37	25	65,50	25,55	M24	45°
24445	HAAS PULLSTUD	15	23	17	57	32	M16	45°
24445.1	HAAS WITH THROUGH HOLE AND O-RING Ø 3,5 mm	15	23	17	57	32	M16	45°

SAYFA/PAGE: C/D SERİSİ
SAYFA/PAGE: B SERİSİ
SAYFA/PAGE: G-27
SAYFA/PAGE: G-26
58-60 HRC



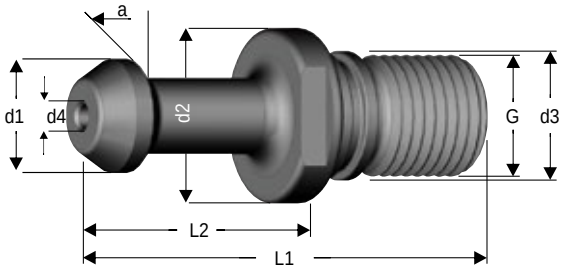
Sipariş Kodu Order Number	Ürün Adı Product Name	d1	d2	d3	L1	L2	G	a
23015	DIN 69872 SK 30 PULLSTUD	13	17	13	44	24	M12	15°
24015	DIN 69872 SK 40 PULLSTUD	19	23	17	54	26	M16	15°
25015	DIN 69872 SK 50 PULLSTUD	28	36	25	74	34	M24	15°
24115	DIN 69872 SK 40 İ.S.V PULLSTUD	19	23	17	54	26	M16	15°
25115	DIN 69872 SK 50 İ.S.V PULLSTUD	28	36	25	74	34	M24	15°
24215	MAKİNO Ø 5 mm WITH THROUGH HOLE	19	23	17	54	29	M16	15°
24315	OKUMA Ø 7 mm WITH THROUGH HOLE AND O-RING	19	23	17	54	29	M16	15°
24415	OKUMA & MAKİNO Ø 7 mm WITH THROUGH HOLE	19	23	17	54	29	M16	15°



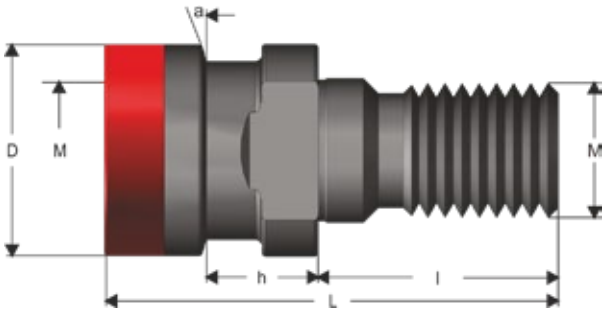
SAYFA/PAGE: B SERİSİ
SAYFA/PAGE: C/D SERİSİ
SAYFA/PAGE: G-27
SAYFA/PAGE: G-26
58-60 HRC

Sipariş Kodu Order Number	Ürün Adı Product Name	d1	d2	d3	L1	L2	G	a
23045	MAS 403 BT - BBT 30 PULLSTUD	11	16,5	12,5	43	23	M12	45°
24045	MAS 403 BT - BBT 40 PULLSTUD	15	23	17	60	35	M16	45°
25045	MAS 403 BT - BBT 50 PULLSTUD	23	38	25	85	45	M24	45°
23060	MAS 403 BT - BBT 30 PULLSTUD	11	16,5	12,5	43	23	M12	60°
24060	MAS 403 BT - BBT 40 PULLSTUD	15	23	17	60	35	M16	60°
25060	MAS 403 BT - BBT 50 PULLSTUD	23	38	25	85	45	M24	60°
23090	MAS 403 BT - BBT 30 PULLSTUD	11	16,5	12,5	43	23	M12	90°
24090	MAS 403 BT - BBT 40 PULLSTUD	15	23	17	60	35	M16	90°
25090	MAS 403 BT - BBT 50 PULLSTUD	23	38	25	85	45	M24	90°

SAYFA/PAGE: B SERİSİ
SAYFA/PAGE: C/D SERİSİ
SAYFA/PAGE: G-27
SAYFA/PAGE: G-26
58-60 HRC



Sipariş Kodu Order Number	Ürün Adı Product Name	d1	d2	d3	d4	L1	L2	G	a
23145	BT - BBT 30 PULLSTUD	11	16,5	12,5	2,5	43	23	M12	45°
24145	BT - BBT 40 PULLSTUD	15	23	17	3	60	35	M16	45°
25145	BT - BBT 50 PULLSTUD	23	38	25	6	85	45	M24	45°
24160	BT - BBT 40 PULLSTUD	15	23	17	3	60	35	M16	60°
25160	BT - BBT 50 PULLSTUD	23	38	25	6	85	45	M24	60°
24190	BT - BBT 40 PULLSTUD	15	23	17	3	60	35	M16	90°
25190	BT - BBT 50 PULLSTUD	23	38	25	6	85	45	M24	90°



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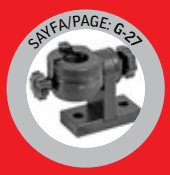
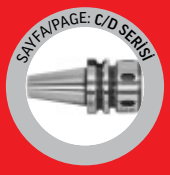
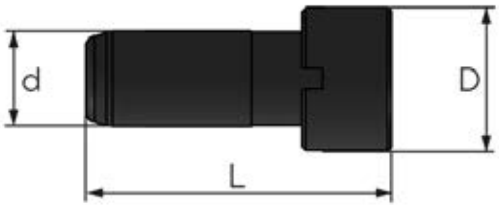
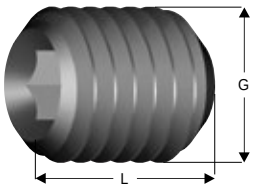
SAYFA/PAGE: G-27
SAYFA/PAGE: G-26
58-60 HRC

Sipariş Kodu Order Number	Ürün Adı Product Name	D	M	L	l	h	a
26016	40 İÇTEN ÇEKTİRMELİ PULLSTUD	25	M16	53	28	13,7	15°
26024	50 İÇTEN ÇEKTİRMELİ PULLSTUD	39,2	M24	65	40	13	15°



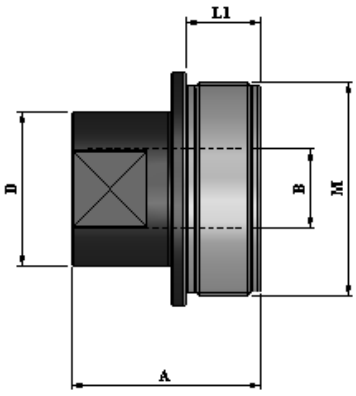






Sipariş Kodu Order Number	HSK	d	D	L
HSK - A 63	A 63	12	M18 x 1	34.5

Sipariş Kodu Order Number	Ürün Adı Product Name	G	L
9006	WELDON 6	M6	10
9008	WELDON 8	M8	10
9010	WELDON 10	M10	12
9012	WELDON 12	M12	16
9016	WELDON 16	M14	16
9020	WELDON 20	M16	16
9025	WELDON 25	M18 x 2	20
9032	WELDON 32 - 40	M20 x 2	20



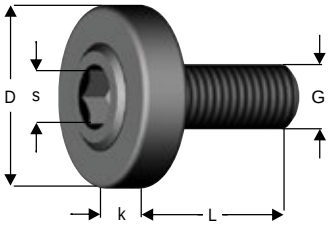
SAYFA/PAGE: G-11

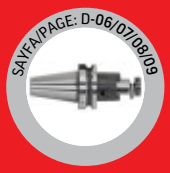
Sipariş Kodu Order Number	Ürün Adı Product Name	M	B	A	D	L1
110042.D	173 D	M43x1	M16	38	31	15
110060.D	185 D	M61x1	M16	38	31	15

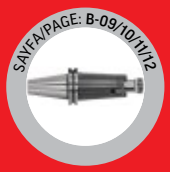
SAYFA/PAGE: C-13
SAYFA/PAGE: C-12
SAYFA/PAGE: D-06/07
SAYFA/PAGE: B-12
SAYFA/PAGE: D-08/09
SAYFA/PAGE: E-06
SAYFA/PAGE: A-13/14/15/16

Sipariş Kodu Order Number	ATB
63016	16
63022	22
63027	27
63032	32
63040	40

TARAMA KİLİT VİDASI
LOCK SCREW







Sipariş Kodu Order Number	ATB / KTB	G	D	k	L	s
60816	16	M8	20	6	16	6
61022	22	M10	28	7	18	8
61227	27	M12	35	8	22	10
61632	32	M16	42	9	26	14
62040	40	M20	52	10	30	17

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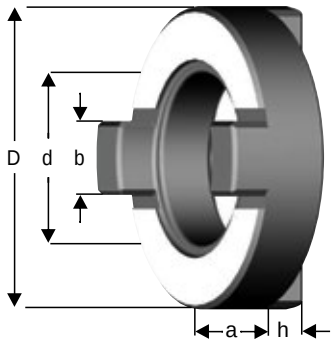
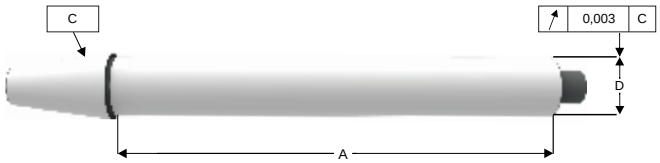
SAYFA/PAGE: B-09/10/11
SAYFA/PAGE: A-08/09/10/11/12
SAYFA/PAGE: E-05
SAYFA/PAGE: G-26
SAYFA/PAGE: G-27
58-60 HRC



Sipariş Kodu Order Number	KTB	d	a	D	b	h
64016	16	16	10	32	8	5
64022	22	22	12	40	10	5,6
64027	27	27	12	48	12	6,3
64032	32	32	14	58	14	7
64040	40	40	14	70	16	8



Sipariş Kodu Order Number	BT - SK	A	D
0030-1	30	200	32
0040-1	40	300	40
0050-1	50	300	50

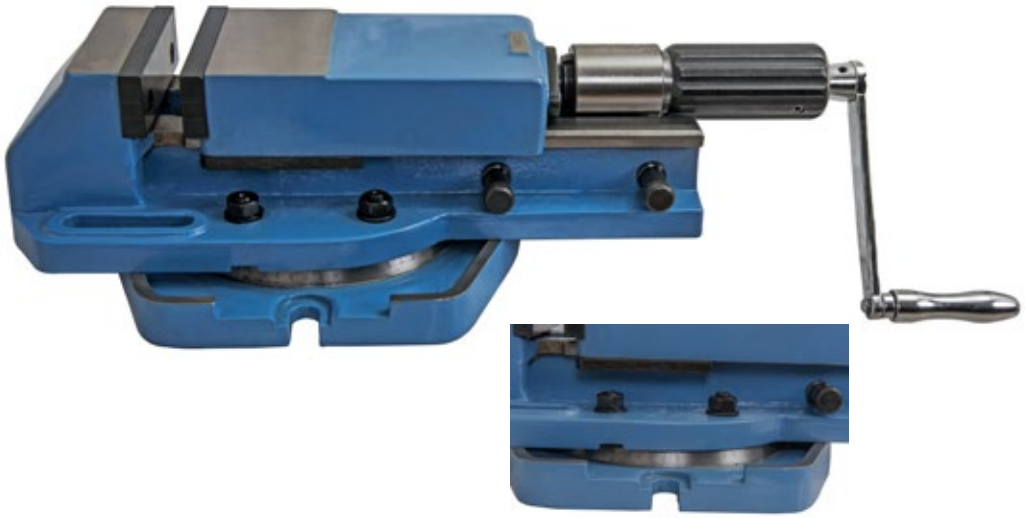
The prices are clear and it is no discount.
The profit rate is determined by yourself.

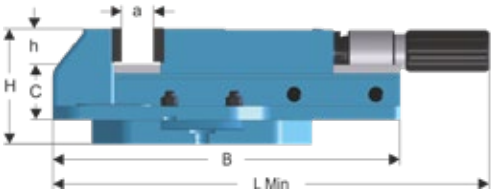
Fiyatlar net olup iskonto uygulanmayacaktır.
Satıcı kârını kendisi belirleyecektir.

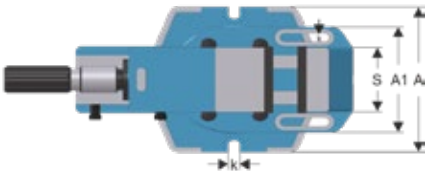
Sipariş Kodu Order Number	BT - SK
0030	30
0040	40
0050	50

The prices are clear and it is no discount.
The profit rate is determined by yourself.

Fiyatlar net olup iskonto uygulanmayacaktır.
Satıcı kârını kendisi belirleyecektir.



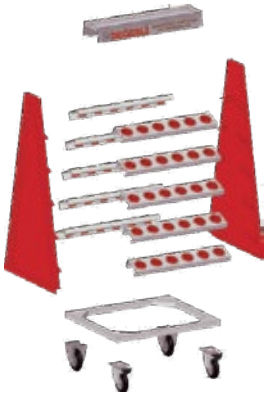


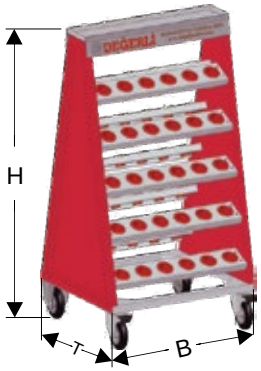


Sipariş Kodu Order Number	A	A1	S	k	a	h	h	h	h	h	Sıkma Gücü Press Power	Sıkma Gücü Press Power
10100	270	200	122	16	0-210	45	45	45	45	45	3,5 - 4 Ton	3,5 - 4 Ton

SAYFA/PAGE: B-27/28/29
SAYFA/PAGE: C-28/29/30
SAYFA/PAGE: D-16/17
SAYFA/PAGE: E-13/14
SAYFA/PAGE: F-14
SAYFA/PAGE: A-28/29

Sipariş Kodu Order Number	**Cinsi** Size
T-2000	ER16 - ER20
T-2004	ER25 - ER32 - 415
T-2007	ER32 - ER40 - 462 - 467 - RPT 6-32
T-2008	ER32 - ER40 - 462 - 467





SAYFA/PAGE: E SERİSİ

SAYFA/PAGE: B SERİSİ

SAYFA/PAGE: C/D SERİSİ

SAYFA/PAGE: A SERİSİ

Sipariş Kodu Order Number	ISO / BT / SK / HSK	Kapasite Capacity (d)	H	T	B
8030	30	70	1260	600	700
8040	40	60	1260	600	700
8050	50	50	1260	600	700
8063	63	60	1260	600	700