

HIZLI BAĞLANTI ELEMANLARI

kolay tutulabilen, yağa ve kırılmaya dayanıklı, ergonomik plastik sap

parmak sıkışmaması için koruyucu parça

8.8, somunlu ve rondelalı baskı vidası

galvaniz kaplı, yüksek kaliteli çelik sac aksamı

2 eksenli hareket imkanı baskı parçası ve bu baskı civatasının çıkması için kıvrım

paslanmaz perçinler ve sertleştirilmiş burçlar

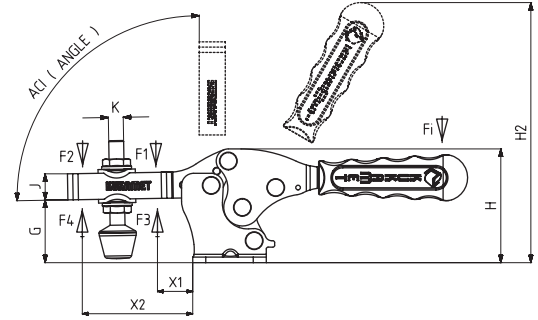
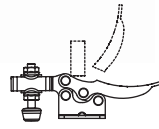
uzun süre kullanım için bütün mafsalların yağlanması

yağa ve yanmaya dayanıklı baskı parçası



MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	Fi		BASKI VIDASI (SQUEEZE SCREW)	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
							(X1) VERİM (YIELD) (F1 : Fi)	(X2) VERİM (YIELD) (F2 : Fi)			
111 -0 -M	S 111 -	B 111 -	450	300	520	350	5:1	2:1	M4X25	90 °	42
111 -0	S 111 -	B 111 -	450	300	520	350	5:1	2:1	M4X25	90 °	42
111 -1	S 111 -	B 111 -	850	650	1000	800	7:1	3:1	M5X35	90 °	125
111 -2	S 111 -	B 111 -	1000	750	1200	1000	7:1	3:1	M6X40	90 °	225
111 -3	S 111 -	B 111 -	2300	1250	2500	1350	8:1	4:1	M8X50	90 °	340
111 -4	S 111 -	B 111 -	3500	1800	3650	2000	9:1	4:1	M10X70	90 °	810
111 -5	S 111 -	B 111 -	4500	2000	5000	2125	10:1	5:1	M12X80	90 °	1520

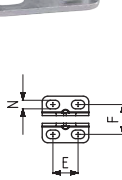
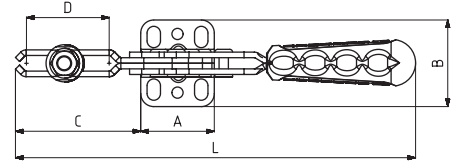
F1 - F2 : BASKI KUVVETİ (EXERTING FORCE), F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY), Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



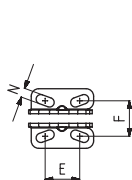
Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



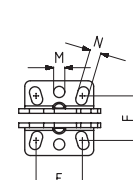
MODEL NO : 111-0-M
(KAPLAMASIZ METAL SAP)
(UNCOATED METAL HANDLE)



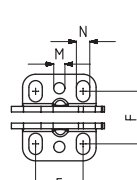
MODEL NO : 111-0



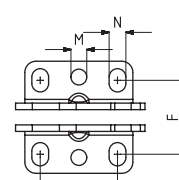
MODEL NO : 111-1



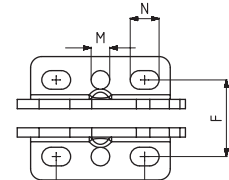
MODEL NO : 111-2



MODEL NO : 111-3



MODEL NO : 111-4



MODEL NO : 111-5

MODEL NO	A	B	C	D	E	F	G	H	H2	J	K	L	M	N	X1	X2
111 -0 -M	25	25	25,5	13	11 - 16	16	15	24	60	7,5	M4	82,5		4,5 x 7	11	18
111 -0	25	25	25,5	13	11 - 16	16	15	24	66	7,5	M4	89		4,5 x 7	11	18
111 -1	33,5	32	43	28	14 - 23	17,5 - 20,5	21	40	95	10	M5	148		5 x 10	15	33
111 -2	37	40	66	47	23,7 - 26	20 - 27,5	28	51	110	14	M6	184	Ø 6	6 x 10	19	54
111 -3	39,5	46,5	68	42	25,5	24 - 32,5	34	61	136	14	M 8	215	Ø 6	7 x 11,5	25	53
111 -4	58	60	100	73	41,5	36 - 43	45	82	175	19	M10	296	Ø 8,5	9 x 12,5	27	83
111 -5	75	66	129	92	42 - 53	42	55	104	218	25,5	M12	345	Ø 10	10 x 15,5	37	107

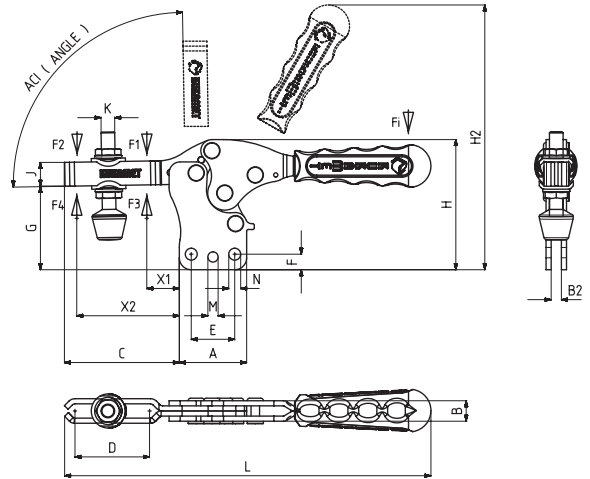
112

new

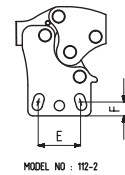
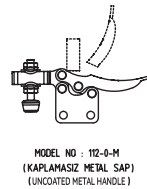


MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F1		BASKI VIDASI (SQUEEZE SCREW)	AÇI (ANGLE) (±5°)	AĞIRLIK (WEIGHT) (gr)
							(X1) VERİM (YIELD) (F1 : F1)	(X2) VERİM (YIELD) (F2 : F1)			
112-0-M	S 112 - ...	B 112 - ...	450	300	520	350	5:1	2:1	M4X25	90°	42
112-0	S 112 - ...	B 112 - ...	450	300	520	350	5:1	2:1	M4X25	90°	42
112-1	S 112 - ...	B 112 - ...	850	650	1000	800	7:1	3:1	M5X35	90°	125
112-2	S 112 - ...	B 112 - ...	1000	750	1200	1000	7:1	3:1	M6X40	90°	225
112-3	S 112 - ...	B 112 - ...	2300	1250	2500	1350	8:1	4:1	M8X50	90°	340
112-4	S 112 - ...	B 112 - ...	3500	1800	3650	2000	9:1	4:1	M10X70	90°	810
112-5	S 112 - ...	B 112 - ...	4500	2000	5000	2125	10:1	5:1	M12X80	90°	1520

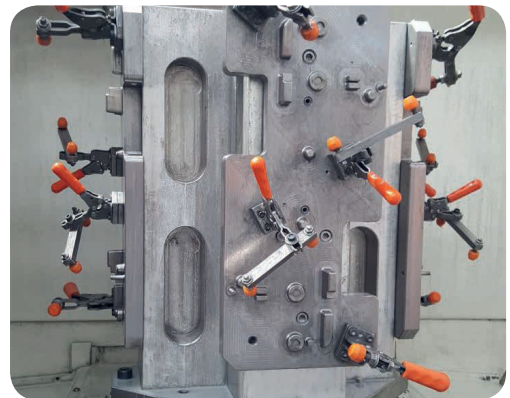
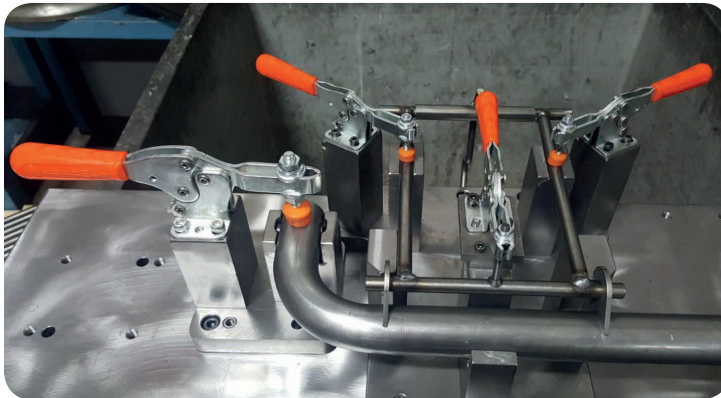
F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , F1 : UYGULAMA KUVVETİ (APPLIED FORCE)



112-0-M



Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical

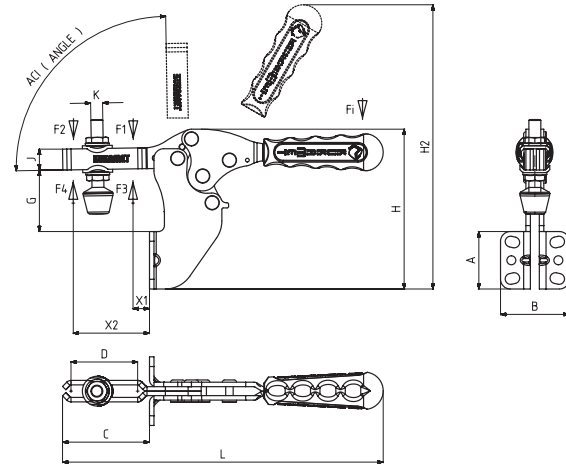
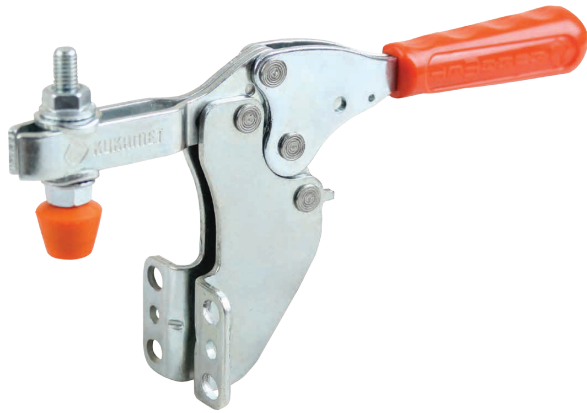


MODEL NO	A	B	B2	C	D	E	F	G	H	H2	J	K	L	M	N	X1	X2
112-0-M	25	7	4	25,5	13	16	4,5	22,5	32	68	7,5	M4	82,5	M	Ø 4,5	11	18
112-0	25	7	4	25,5	13	16	4,5	22,5	32	74	7,5	M4	89		Ø 4,5	11	18
112-1	33,5	9	5	43	28	23	5,5	31	50	105	10	M5	148		Ø 5	15	33
112-2	37	10	5	66	47	23,7 - 26	10 - 6,5	41	64	123	14	M6	184	Ø 6	6 x 10	19	54
112-3	39,5	12	6	68	42	25,5	9	49	76	151	14	M 8	215	Ø 6	Ø 7	25	53
112-4	58	16	8	100	73	41,5	8,5	65	102	195	19	M10	296	Ø 8,5	Ø 9	27	83
112-5	75	20	10	129	92	47,5	12	75	124	238	25,5	M12	345	Ø 10	Ø 10	37	107

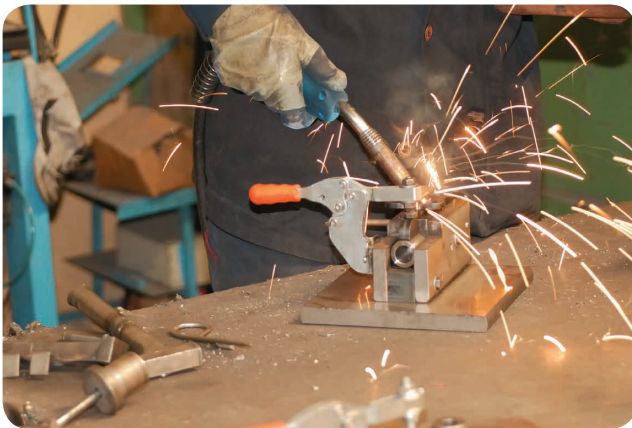
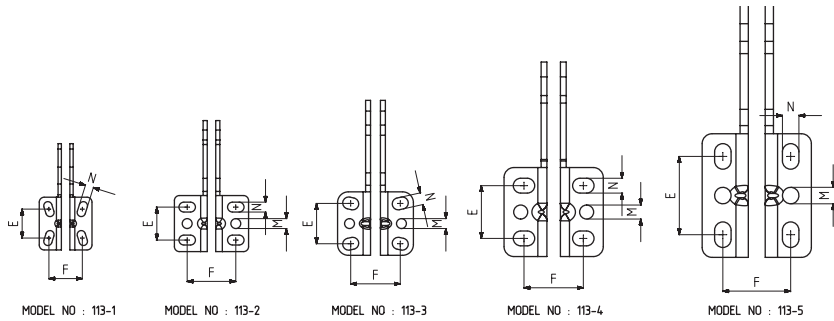
MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	Fi		BASKI VİDASI (SQUEEZE SCREW)	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
							(X1) VERİM (YIELD) (F1:Fi)	(X2) VERİM (YIELD) (F2:Fi)			
113 - 1	S 113 -	B 113 -	850	650	1000	800	7:1	3:1	M5X35	90 °	155
113 - 2	S 113 -	B 113 -	1000	750	1200	1000	7:1	3:1	M6X40	90 °	270
113 - 3	S 113 -	B 113 -	2300	1250	2500	1350	8:1	4:1	M8X50	90 °	420
113 - 4	S 113 -	B 113 -	3500	1800	3650	2000	9:1	4:1	M10X70	90 °	940
113 - 5	S 113 -	B 113 -	4500	2000	5000	2125	10:1	5:1	M12X80	90 °	1840

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

113



Ayak Tipi: Yan Tabanlı
Body Mounting Base: Side Ward



MODEL NO	A	B	C	D	E	F	G	H	H2	J	K	L	M	N	X1	X2
113 - 1	32	32	40	28	13,5-21,5	19-21,5	22,5	73	128	10	M5	148		5x9	12	30
113 - 2	34	45	60	47	20	25,5-33,5	34	90	149	14	M6	184	Ø 6	6x10	13	48
113 - 3	38,5	46	58	42	24-25	27,5-32,5	41	107	183	14	M 8	215	Ø 6	7x9,5	16	44
113 - 4	54	60	91	73	32	32-40	46,5	135	230	19	M10	296	Ø 8,5	9x13	18	74
113 - 5	75	66	117	92	42-53	42	54	177	291	25,5	M12	345	Ø 10	10x15,5	25	95

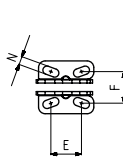
MODEL NO	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F5 (N)	F6 (N)	F7 (N)	F8 (N)	Fi		AÇI (ANGLE) (±5°)	AĞIRLIK (WEIGHT) (gr)
										(X1) VERİM (YIELD) (F1:Fi)	(C1) VERİM (YIELD) (F2:Fi)		
111-1-D	B 111 - ...	850	650	200	100	1000	800	200	125	7:1	3:1	90°	100
111-2-D	B 111 - ...	1000	750	300	220	1200	1000	350	250	7:1	3:1	90°	200
111-3-D	B 111 - ...	2300	1250	560	400	2500	1350	740	530	8:1	4:1	90°	300
111-4-D	B 111 - ...	3500	1800	900	700	3650	2000	1035	800	9:1	4:1	90°	730
111-5-D	B 111 - ...	4500	2000	1250	1000	5000	2125	1350	1080	10:1	5:1	90°	1400

F1 - F2 - F3 - F4 : BASKI KUVVETİ (EXERTING FORCE) , F5 - F6 - F7 - F8 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

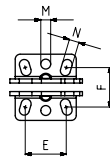


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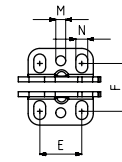
Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



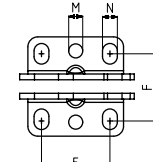
MODEL NO : 111-1-D



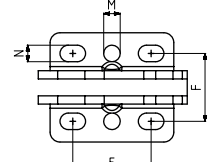
MODEL NO : 111-2-D



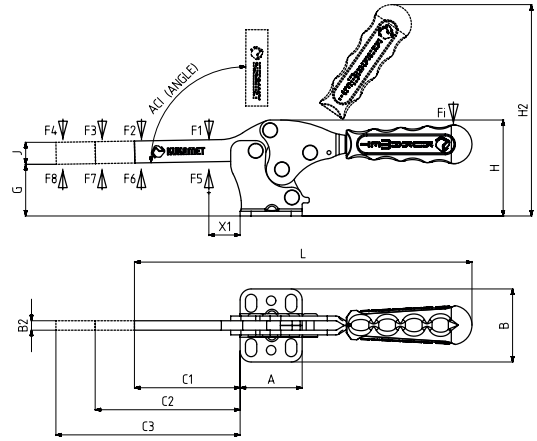
MODEL NO : 111-3-D



MODEL NO : 111-4-D



MODEL NO : 111-5-D



MODEL NO	A	B	B2	C1	C2	C3	D	E	F	G	H	H2	J	K	L	M	N	X1
111-1-D	33,5	32	5	43	93	143		14 - 23	17,5 - 20,5	21	40	95	10		148		5 x 10	15
111-2-D	37	40	5	66	116	166		23,7 - 26	20 - 27,5	28	51	110	14		184	Ø 6	6 x 10	19
111-3-D	39,5	46,5	6	68	118	168		25,5	24 - 32,5	34	61	136	14		215	Ø 6	7 x 11,5	25
111-4-D	58	60	8	100	150	200		41,5	36 - 43	45	82	175	19		296	Ø 8,5	9 x 12,5	27
111-5-D	75	66	10	129	179	229		42 - 53	42	55	104	218	25,5		345	Ø 10	10 x 15,5	37

MODEL NO	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F5 (N)	F6 (N)	F7 (N)	F8 (N)	Fi		AÇI (ANGLE) (± 5°)	AĞIRLIK (WEIGHT) (gr)
										(X1) VERİM (YIELD) (F1:Fi)	(C1) VERİM (YIELD) (F2:Fi)		
112-1-D	B 112 -	850	650	200	100	1000	800	200	125	7:1	3:1	90°	100
112-2-D	B 112 -	1000	750	300	220	1200	1000	350	250	7:1	3:1	90°	200
112-3-D	B 112 -	2300	1250	560	400	2500	1350	740	530	8:1	4:1	90°	300
112-4-D	B 112 -	3500	1800	900	700	3650	2000	1035	800	9:1	4:1	90°	730
112-5-D	B 112 -	4500	2000	1250	1000	5000	2125	1350	1080	10:1	5:1	90°	1400

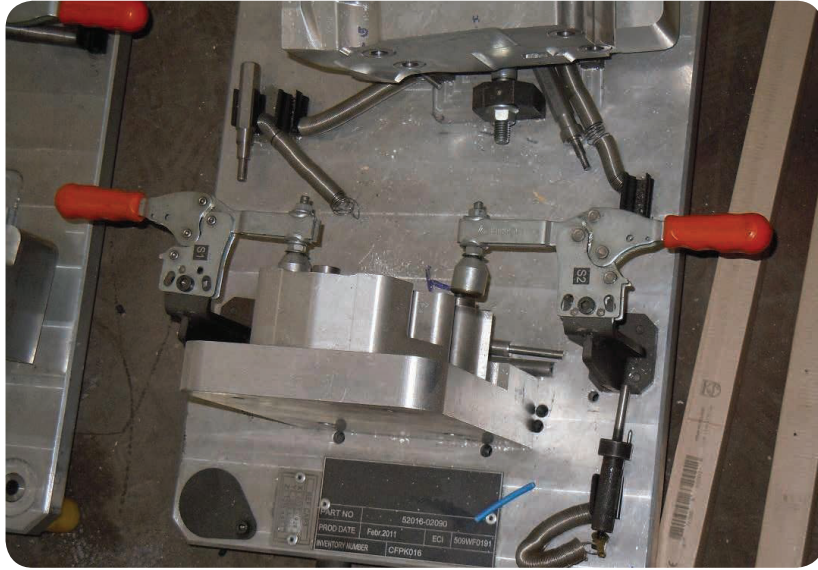
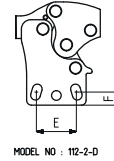
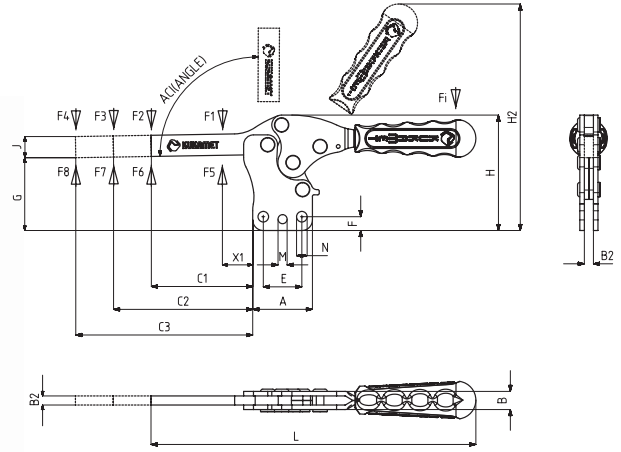
F1 - F2 - F3 - F4 : BASKI KUVVETİ (EXERTING FORCE), F5 - F6 - F7 - F8 : TUTMA KAPASİTESİ (HOLDING CAPACITY), Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

112-D



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Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical



MODEL NO	A	B	B2	C1	C2	C3	D	E	F	G	H	H2	J	K	L	M	N	X1
112-1-D	33,5	9	5	43	93	143		23	5,5	31	50	105	10		148		Ø 5	15
112-2-D	37	10	5	66	116	166		23,7 - 26	10 - 6,5	41	64	123	14		184	Ø 6	6 x 10	19
112-3-D	39,5	12	6	68	118	168		25,5	9	49	76	151	14		215	Ø 6	Ø 7	25
112-4-D	58	16	8	100	150	200		41,5	8,5	65	102	195	19		296	Ø 8,5	Ø 9	27
112-5-D	75	20	10	129	179	229		47,5	12	75	124	238	25,5		345	Ø 10	Ø 10	37

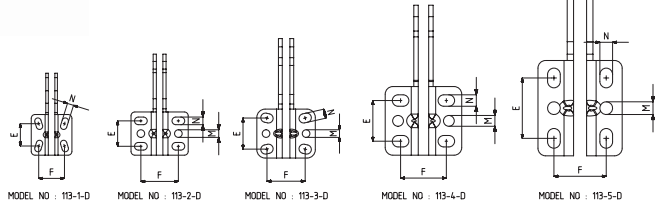
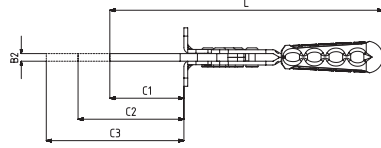
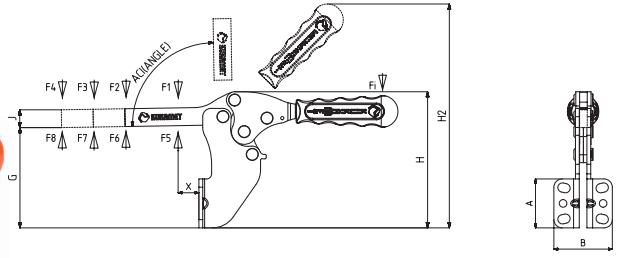
MODEL NO	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F5 (N)	F6 (N)	F7 (N)	F8 (N)	Fi		AÇI (ANGLE) (±5 °)	AĞIRLIK (WEIGHT) (gr)
										(X1) VERİM (YIELD) (F1:Fi)	(C1) VERİM (YIELD) (F2:Fi)		
113 - 1 - D	B 113 -	850	650	200	100	1000	800	200	125	7:1	3:1	90 °	140
113 - 2 - D	B 113 -	1000	750	300	220	1200	1000	350	250	7:1	3:1	90 °	250
113 - 3 - D	B 113 -	2300	1250	560	400	2500	1350	740	530	8:1	4:1	90 °	370
113 - 4 - D	B 113 -	3500	1800	900	700	3650	2000	1035	800	9:1	4:1	90 °	870
113 - 5 - D	B 113 -	4500	2000	1250	1000	5000	2125	1350	1080	10:1	5:1	90 °	1720

F1 - F2 - F3 - F4 : BASKI KUVVETİ (EXERTING FORCE) , F5 - F6 - F7 - F8 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

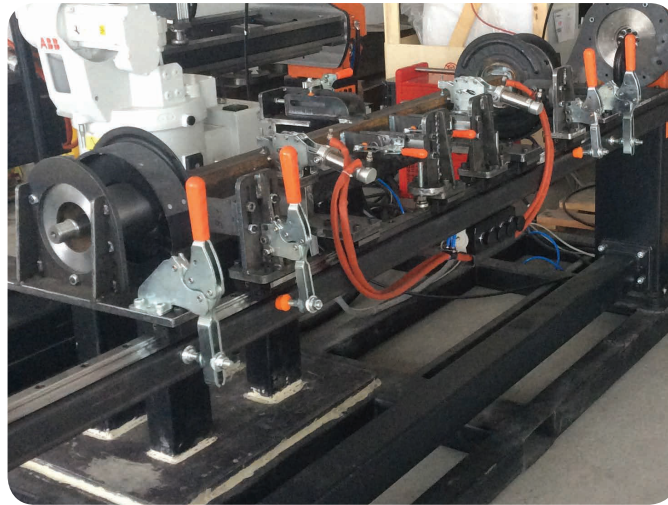
113-D



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Ayak Tipi: Yan Tabanlı
Body Mounting Base: Side Ward



MODEL NO	A	B	B2	C1	C2	C3	D	E	F	G	H	H2	J	K	L	M	N	X1
113 - 1 - D	32	32	5	40	90	140		13,5-21,5	19 - 21,5	55	73	128	10		148		5x9	12
113 - 2 - D	34	45	5	60	110	160		20	25,5 - 33,5	34	90	149	14		184	Ø 6	6x10	13
113 - 3 - D	38,5	46	6	58	108	158		24-25	27,5 - 32,5	41	107	183	14		215	Ø 6	7x9,5	16
113 - 4 - D	54	60	8	91	141	191		32	32 - 40	46,5	135	230	19		296	Ø 8,5	9x13	18
113 - 5 - D	75	66	10	117	167	217		42-53	42	54	177	291	25,5		345	Ø 10	10x15,5	25


KİLİTLİ/LOCKED

NOT :Kilitli modellerin teknik detayları 6,7,8,9,10 ve 11 numaralı sayfalarda mevcuttur.

Note :Technical details of locked models are available at pages 6,7,8,9,10 and 11

111-L


MODEL NO
111-1-L
111-2-L
111-3-L
111-4-L
111-5-L




Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

112-L


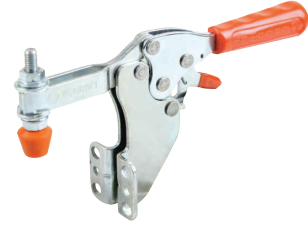
MODEL NO
112-1-L
112-2-L
112-3-L
112-4-L
112-5-L




Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical

113-L


MODEL NO
113-1-L
113-2-L
113-3-L
113-4-L
113-5-L

Ayak Tipi: Yan Tabanlı
Body Mounting Base: Side Ward

111-D-L


MODEL NO
111-1-D-L
111-2-D-L
111-3-D-L
111-4-D-L
111-5-D-L




Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

112-D-L


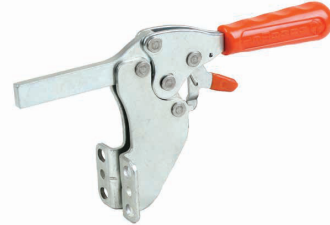
MODEL NO
112-1-D-L
112-2-D-L
112-3-D-L
112-4-D-L
112-5-D-L




Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical

113-D-L

MODEL NO
113-1-D-L
113-2-D-L
113-3-D-L
113-4-D-L
113-5-D-L

Ayak Tipi: Yan Tabanlı
Body Mounting Base: Side Ward

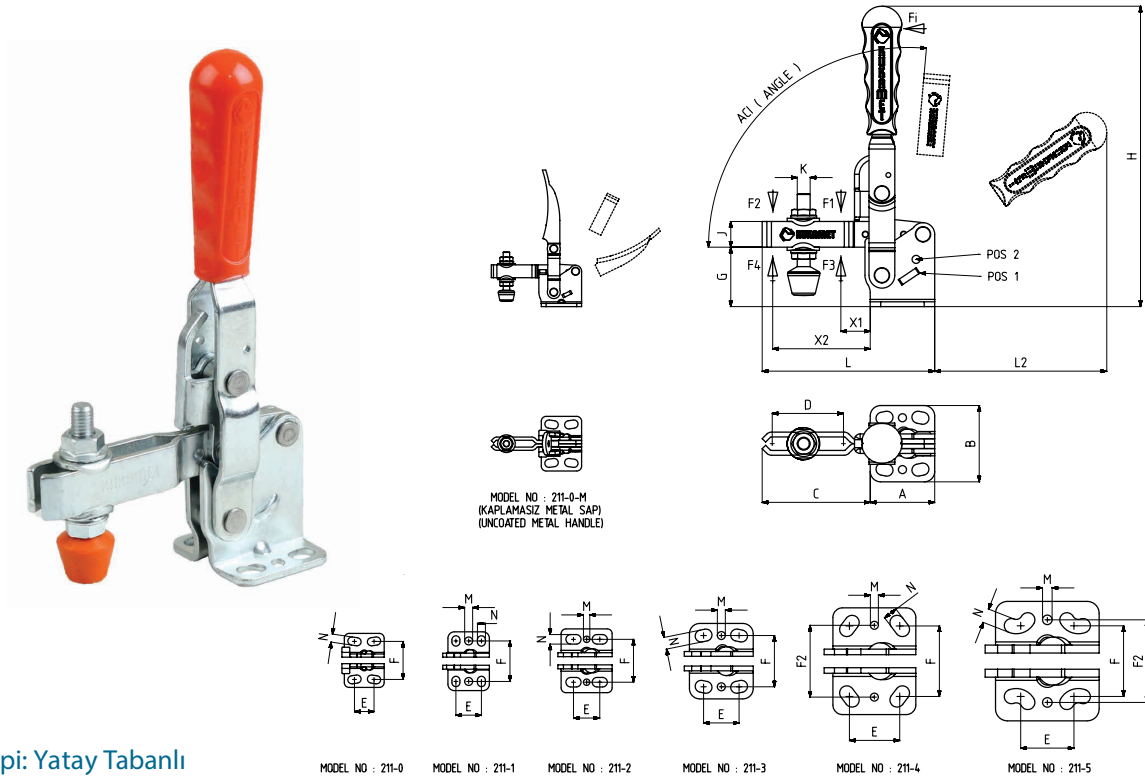
211

new



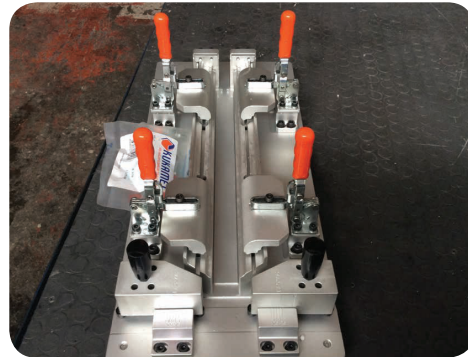
MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	Fi		BASKI VİDASI (SQUEEZE SCREW)	AÇI (ANGLE) (± 5 °)		AĞIRLIK (WEIGHT) (gr)
							(X1 VERİM (YIELD) (F1:Fi))	(X2 VERİM (YIELD) (F2:Fi))		POS1	POS2	
211-0-M	S 211 -	B 211 -	550	350	700	455	10:1	5:1	M4X25	115°		80
211-0	S 211 -	B 211 -	550	350	700	455	10:1	5:1	M4X25	115°		72
211-1	S 211 -	B 211 -	750	500	1000	680	12:1	8:1	M5X35	105°		155
211-2	S 211 -	B 211 -	1200	700	1400	925	12:1	7,5:1	M6X40	105°		230
211-3	S 211 -	B 211 -	2000	1400	2500	1560	11:1	8:1	M8X50	105°		415
211-4	S 211 -	B 211 -	3000	2000	3300	2200	11,5:1	8:1	M10X70	135°	105°	900
211-5	S 211 -	B 211 -	4500	2500	5000	3000	12:1	7:1	M12X80	135°	105°	1540

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

211-0-M

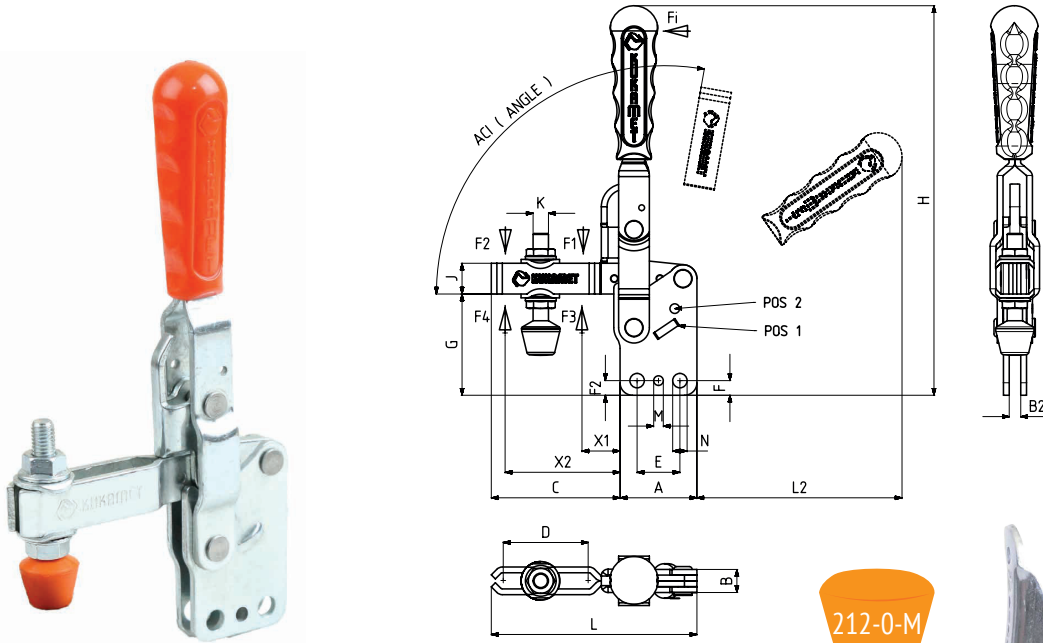


MODEL NO	A	B	C	D	E	F	F2	G	H	J	K	L	L2	M	N	X1	X2
211-0-M	25	34	31	20	9 - 15,5	23,5 - 24		18	85	8	M4	56	50		5 x 8	11	22
211-0	25	34	31	20	9 - 15,5	23,5 - 24		18	77	8	M4	56	45		5 x 8	11	22
211-1	26	37	44	26	16	24 - 27	25,5	23	125	10	M5	70	75	Ø5	5 x 6,5	18	34
211-2	32	40	62	42	13 - 20	27	27	26	141	13	M6	94	85	Ø4	6 x 9,5	20	50
211-3	40	47,5	67	42	19 - 25	31,5 - 32,5	32,3	37	187	16	M 8	107	110	Ø5	7,5 x 10,5	25	52
211-4	52	67	100	67	28 - 34,5	40 - 48,5	45,2	47	240	20	M10	152	160	Ø5	9 x 14,5	34	82
211-5	65	75	130	88	24,5 - 45	44,5 - 52	52	58	263	25	M12	195	165	Ø6	9 x 19,5	42	107

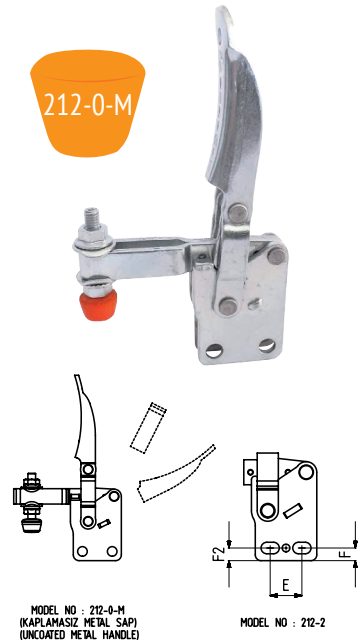
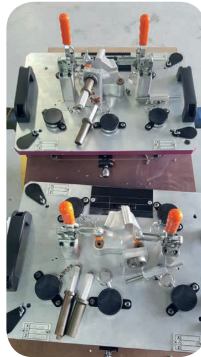
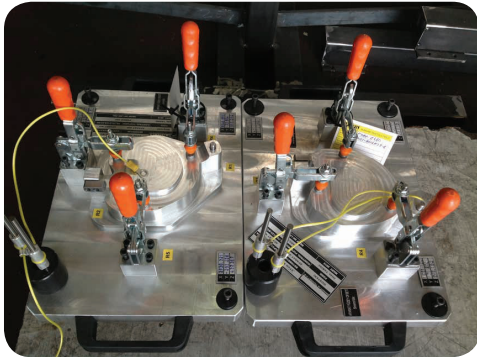


MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	Fi		BASKI VİDASI (SQUEEZE SCREW)	AÇI (ANGLE) (± 5 °)		AĞIRLIK (WEIGHT) (gr)
							(X1) VERİM (YIELD) (F1:Fi)	(X2) VERİM (YIELD) (F2:Fi)		POS1	POS2	
212-0-M	S 212 -	B 212 -	550	350	700	455	10:1	5:1	M4X25	115°		80
212-0	S 212 -	B 212 -	550	350	700	455	10:1	5:1	M4X25	115°		72
212-1	S 212 -	B 212 -	750	500	1000	680	12:1	8:1	M5X35	105°		155
212-2	S 212 -	B 212 -	1200	700	1400	925	12:1	7,5:1	M6X40	105°		230
212-3	S 212 -	B 212 -	2000	1400	2500	1560	11:1	8:1	M8X50	105°		415
212-4	S 212 -	B 212 -	3000	2000	3300	2200	11,5:1	8:1	M10X70	135°	105°	900
212-5	S 212 -	B 212 -	4500	2500	5000	3000	12:1	7:1	M12X80	135°	105°	1540

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical

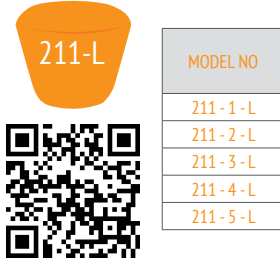


MODEL NO	A	B	B2	C	D	E	F	F2	G	H	J	K	L	L2	M	N	X1	X2
212-0-M	25	8	4	31	20	15,5	5		29	96	8	M4	56	50		0,5	11	22
212-0	25	8	4	31	20	15,5	5		29	88	8	M4	56	45		0,5	11	22
212-1	26	10	5	44	26	16	5	5,75	35	137	10	M5	70	75	05	0,5	18	34
212-2	32	10	5	62	42	13-20	6,5	6,5	39	154	13	M6	94	85	04	6 x 9,5	20	50
212-3	40	12	6	67	42	22,5	7,5	7,6	52	202	16	M 8	107	110	05	0,75	25	52
212-4	52	16	8	100	67	32	12	11	70	263	20	M10	152	160	05	0,9	34	82
212-5	65	20	10	130	88	42	15,5	11,6	82	287	25	M12	195	165	06	0,9	42	107

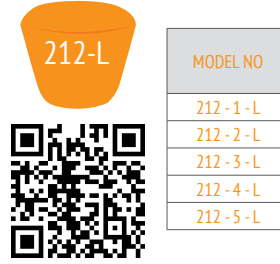
KİLİTLİ/LOCKED

NOT :Kilitli modellerin teknik detayları 16, 17, 18, 20, 21 ve 22 numaralı sayfalarda mevcuttur.

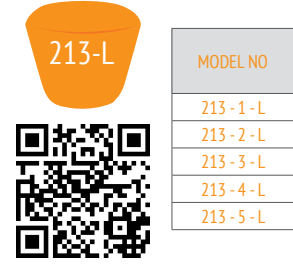
Note:Technical details of locked models are available at pages 16,17,18,20,21 and 22



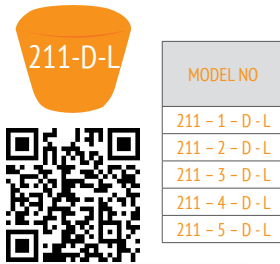
Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



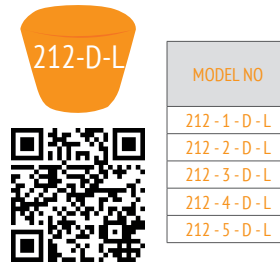
Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical



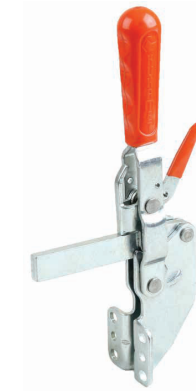
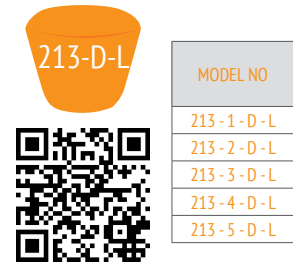
Ayak Tipi: Yan Tabanlı
Body Mounting Base: Side Ward



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical



Ayak Tipi: Yan Tabanlı
Body Mounting Base: Side Ward

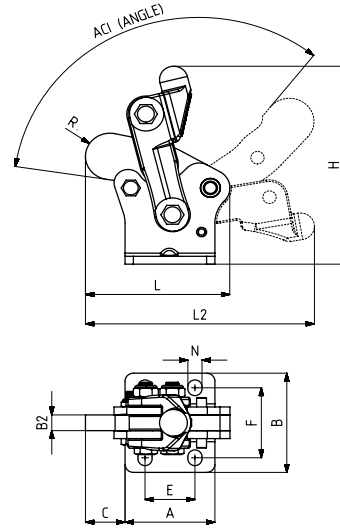
221



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

MODEL NO	F1 (N)	Fi	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
		VERİM (YIELD) (F1)		
221-2	2500	5:1	120°	240
221-4	7000	5:1	120°	940
221-6	11000	5:1	120°	1820

F1 : BASKI KUVVETİ (EXERTING FORCE) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



MODEL NO	A	B	B2	C	D	E	F	H	L	L2	N	R
221-2	36	48,5	6	17,5		20	30 - 34	72	56	90	6,5 x 8,5	9,5
221-4	54	63	10	16		30	43 - 46	126	79	138	8,5 x 10	15
221-6	70	74	12	32		45	51 - 53	159	112	188	10,5 x 11,5	18

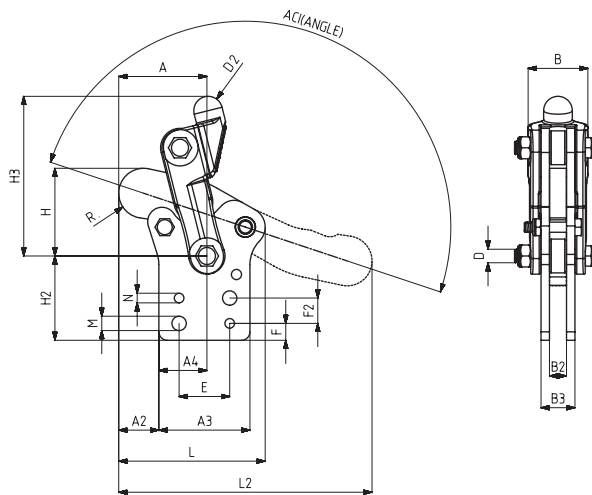
222



Ayak Tipi: Dikey Sabit Tabanlı
Body Mounting Base: Vertical and Fixed

MODEL NO	F1 (N)	Fi	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
		VERİM (YIELD) (F1)		
222-2	2500	5:1	180°	240
222-4	7000	5:1	180°	940
222-6	11000	5:1	180°	1820

F1 : BASKI KUVVETİ (EXERTING FORCE) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



MODEL NO	A	A2	A3	A4	B	B2	B3	D	D2	E	F	F2	H	H2	H3	L	L2	M	N	R
222-2	36	17,5	36	18,5	23	6	12	M6	Ø10	20	8		31	34	55	56	98	Ø 6,5		9,5
222-4	44	16	54	28,5	36	10	20	M8	Ø17	30	10	15	50	50	94,5	79	135	Ø 8,5	Ø 5,7	15
222-6	69	32	70	37	46	12	22	M10	Ø22	45	15	20	73	62	120	112	197	Ø 10,5	Ø 7,7	18,5

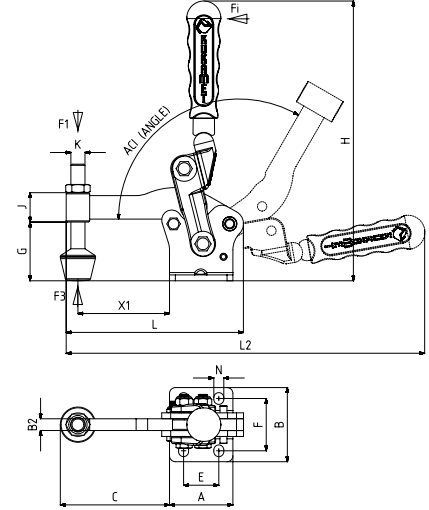
241



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

MODEL NO	F1 (N)	F3 (N)	Fi	AÇI (ANGLE) (± 5°)	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1)		
241-2	750	2500	5:1	120°	325
241-4	1500	5000	5:1	120°	1340
241-6	2000	6000	5:1	120°	2340

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



MODEL NO	A	B	B2	C	D	E	F	G	H	J	K	L	L2	M	N	X1
241-2	36	48,5	6	52,5		20	30 - 34	28,5	143	15	M 6	89	192		6,5 x 8,5	44,5
241-4	54	63	10	88		30	43 - 46	49	238	27	M12	151	323		8,5 x 10	78
241-6	70	74	12	111		45	51 - 53	68	280	32	M12	191	390		10,5 x 11,5	98,5

241-L



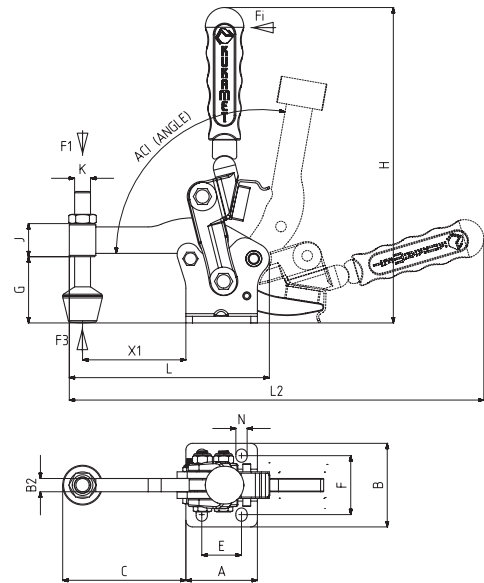
new



Ayak Tipi: Yatay Tabanlı (Açıkken Kilitli)
Body Mounting Base: Horizontal (Locked when open)

MODEL NO	F1 (N)	F3 (N)	Fi	AÇI (ANGLE) (± 5°)	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1)		
241-4-L	1500	5000	5:1	100°	1470
241-6-L	2000	6000	5:1	100°	2545

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



MODEL NO	A	B	B2	C	D	E	F	G	H	J	K	L	L2	M	N	X1
241-4-L	54	63	10	88		30	43 - 46	49	238	27	M12	151	323		8,5 x 10	78
241-6-L	70	74	12	111		45	51 - 53	68	280	32	M12	191	390		10,5 x 11,5	98,5

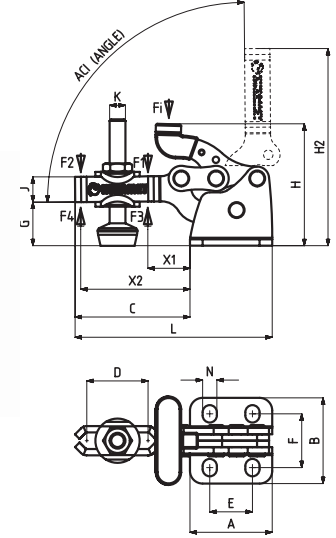
251

MODEL NO	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F _i		AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
						(X1) VERİM (YIELD) (F1:F _i)	(X2) VERİM (YIELD) (F2:F _i)		
251-2	B251-....	470	380	700	560	3:1	2:1	90°	65
251-3	B251-....	1400	1030	1625	1200	3:1	2:1	90°	270
251-4	B251-....	2000	1370	3370	2445	4:1	2.5:1	90°	710

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , F_i : UYGULAMA KUVVETİ (APPLIED FORCE)



251-L



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

Kilitli / Locked

MODEL NO	A	B	C	D	E	F	G	H	H2	J	K	L	M	N	X1	X2
251-2	26	27	36	17	13,5	16 - 18	14	38	62	8	M5	62		4.5x5.5	19	27
251-3	44	47	56	27	23	29 - 31	24	63	100	13	M8	100		7.5x8.5	27	43
251-4	64	63	79	37	35	38 - 41	36	93	143	19	M10	143		9x10.5	39	63

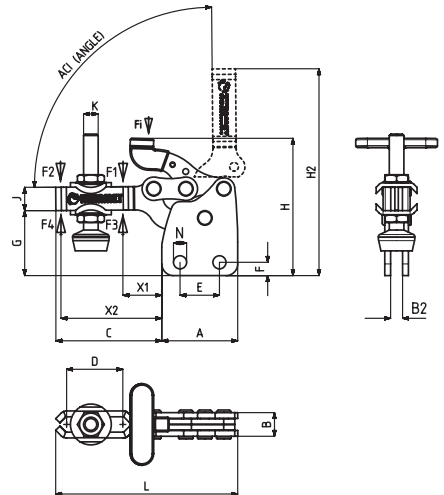
MODEL NO	SİYAH (BLACK)	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F _i		AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
						(X1) VERİM (YIELD) (F1:F _i)	(X2) VERİM (YIELD) (F2:F _i)		
252-2	B252-....	470	380	700	560	3:1	2:1	90°	65
252-3	B252-....	1400	1030	1625	1200	3:1	2:1	90°	270
252-4	B252-....	2000	1370	3370	2445	4:1	2.5:1	90°	710

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , F_i : UYGULAMA KUVVETİ (APPLIED FORCE)

252



252-L



Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical

Kilitli / Locked

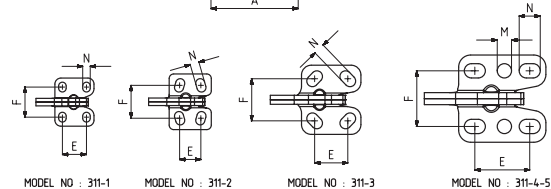
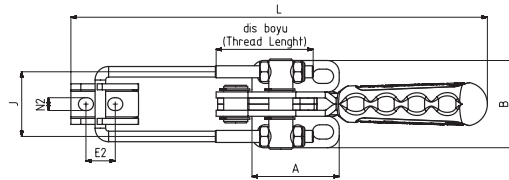
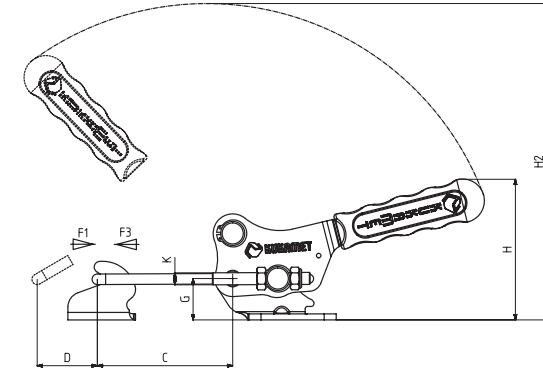
MODEL NO	A	B	B2	C	D	E	F	G	H	H2	J	K	L	M	N	X1	X2
252-2	26	8	4	36	17	13,5	4,5	22	47	71	8	M5	62		Ø 4.5	19	27
252-3	44	12	6	56	27	23	8	39,5	79	116,5	13	M8	100		Ø 7.5	27	43
252-4	64	16	8	79	37	35	11	56,5	114,5	164	19	M10	143		Ø 9	39	63

311



MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	STROK (DİŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
311-1	S 311 -	B 311 -	1000	1500	45	135
311-2	S 311 -	B 311 -	1500	2000	45	175
311-3	S 311 -	B 311 -	2200	3200	75	335
311-4	S 311 -	B 311 -	7000	8000	95	815
311-5	S 311 -	B 311 -	10000	11000	110	1185

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)
Paslanmaz U Kancalı ürünlerin çekme kuvvetleri %30 daha azdır. (Stainless steel latch clamps tensile strength are %30 more less)



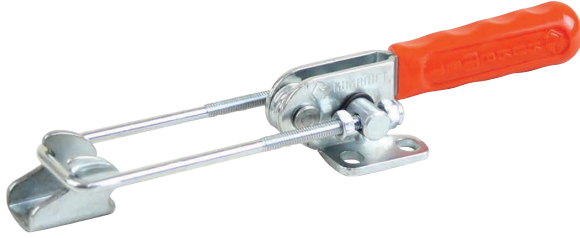
Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



MODEL NO	A	B	C min.	C max.	D	E	E2	F	G	H	H2	J	K	L min.	L max.	M	N	N2
311-1	26	32	35	65	20	16	10	18,5 - 21,5	13	55	110	23	M4	135	165		5x6,5	Ø 5
311-2	28	37	32	62	25	13 - 15	10 - 14	19 - 24,5	17	58	120	23	M4	142	172		6 x 9	5,5 x 7,5
311-3	39,5	46	32	67	35	19 - 25	16	25 - 31	21,5	67	160	30	M 6	177	212		7,5x11,5	Ø 6,5
311-4	58	58	45	95	44	32 - 41	18 - 21	37	27,5	91	200	43	M8	233	282	Ø 9,5	9,5x14	8,5x10
311-5	58	58	45	127	44	32 - 41	18 - 21	37	27,5	93,5	204,5	45	M10	233	315	Ø 9,5	9,5x14	8,5x10

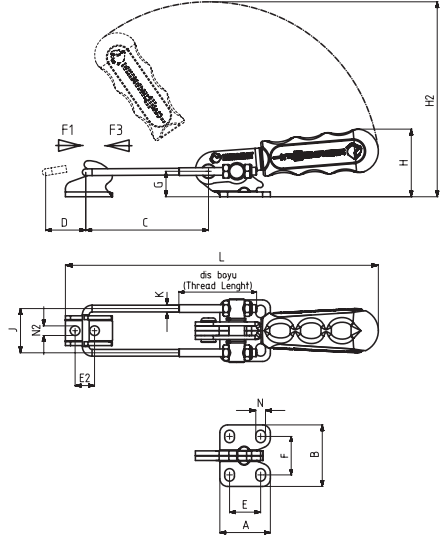
C Ölçüsü Kısa U Kanca İçindir. Bkz. Aksesuar Sayfası. / C Dimension is for short U Hook. Please See Accessories Page.

321



MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	STROK (DİŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
321-1	S 321 -	B 321 -	1000	1500	45	115

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)
Paslanmaz U Kancalı ürünlerin çekme kuvvetleri %30 daha azdır. (Stainless steel latch clamp's tensile strength are %30 more less)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

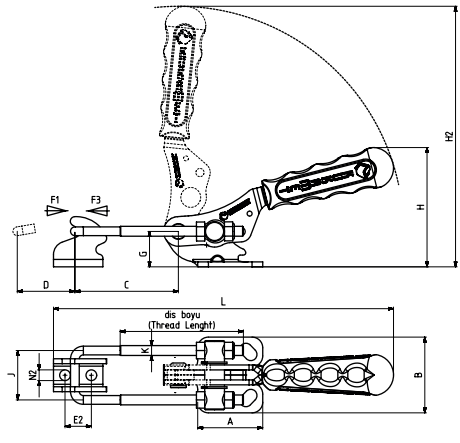
MODEL NO	A	B	C min.	C max.	D	E	E2	F	G	H	H2	J	K	L min.	L max.	M	N	N2
321-1	26	32	35	65	20	16	10	18,5-21,5	13	33	99	23	M4	135	165		5x6.5	Ø 5

331

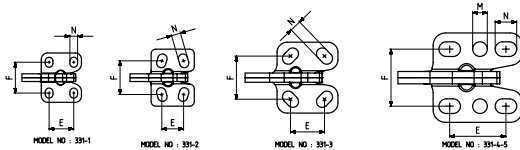


MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	STROK (DİŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
331-1	S 331 -	B 331 -	1000	1500	45	95
331-2	S 331 -	B 331 -	1500	2000	45	160
331-3	S 331 -	B 331 -	2200	3200	75	310
331-4	S 331 -	B 331 -	7000	8000	95	720
331-5	S 331 -	B 331 -	10000	11000	110	860

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)
Paslanmaz U Kancalı ürünlerin çekme kuvvetleri %30 daha azdır. (Stainless steel latch clamp's tensile strength are %30 more less)

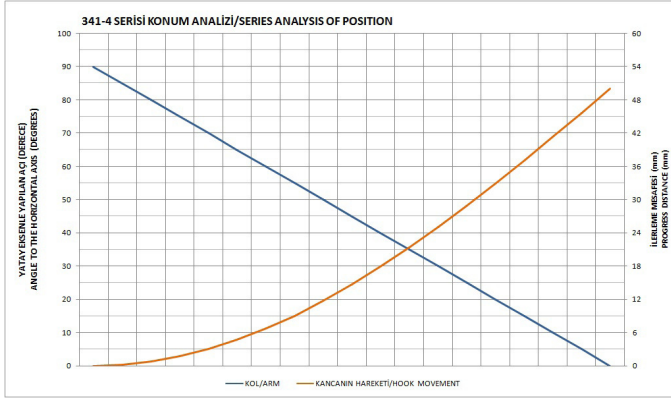


Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



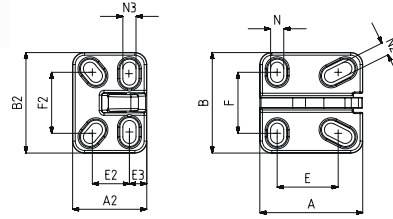
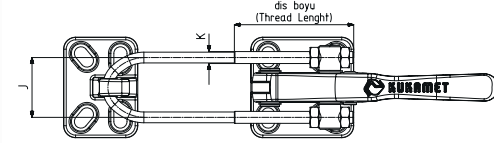
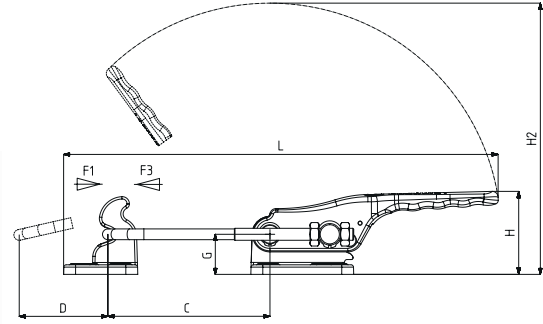
MODEL NO	A	B	C Min.	C Max.	D	E	E2	F	G	H	H2	J	K	L Min.	L Max.	M	N	N2
331-1	26	32	35	65	20	16	10	18,5 - 21,5	13	28	80	23	M4	135	165		5 x 6,5	Ø 5
331-2	28	37	32	62	25	13 - 15	10 - 14	19 - 24,5	17	58	120	23	M4	142	172		6 x 9	5,5 x 7,5
331-3	39,5	46	32	67	35	19 - 25	16	25 - 31	21,5	67	160	30	M6	177	212		7,5 x 11,5	Ø 6,5
331-4	58	58	45	95	44	32 - 41	18 - 21	37	27,5	91	200	43	M8	233	282	Ø 9,5	9,5 x 14	8,5 x 10
331-5	58	58	45	127	44	32 - 41	18 - 21	37	27,5	93,5	204,5	45	M10	233	315	Ø 9,5	9,5 x 14	8,5 x 10

C Ölçüsü Kısa U Kanca İçindir. Bkz. Aksesuar Sayfası. / C Dimension is for short U Hook. Please See Accessories Page.



MODEL NO	F1 (N)	F3 (N)	STROK (DIŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
341-4	15000	17000	130	1850
341-5	20000	25000	65	2235

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)



341



Ayak Tipi: Döküm Gövdeli
Body Mounting Base: Casting

Ürün özellikleri ;

Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.

Taban, kol ve gerdirme parçası mukavemetli GGG-60 döküm malzemeden üretilmiş ve siyah elektrostatik toz boya ile boyanmıştır.

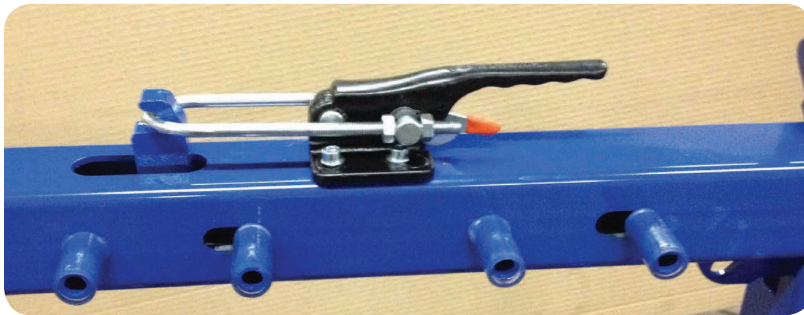
Kanca ve pimler çelik malzemeden üretilmiştir. Korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features ;

The products are strong and suited for heavy duty applications.

The base, arm and stretching part are made of strong GGG-60 casting and coated with black electrostatic powder paint.

Hook and pins are made of galvanized steel for corrosion resistance.



MODEL NO	A	A2	B	B2	C Min.	C Max.	D	E	E2	E3	F	F2	G	H	H2	J	K	L Min.	L Max.	N	N2	N3
341-4	86	62	84	84	50	135	80	45 - 57	28 - 33	15	45 - 57	45 - 57	33,5	69	230	50	M10	280	365	11x17	11x24	11x19
341-5	86	66	84	84	50	70	80	45 - 57	28 - 35	20	45 - 57	45 - 57	33,5	89	230	56	M12	280	298	11x17	11x24	11x19

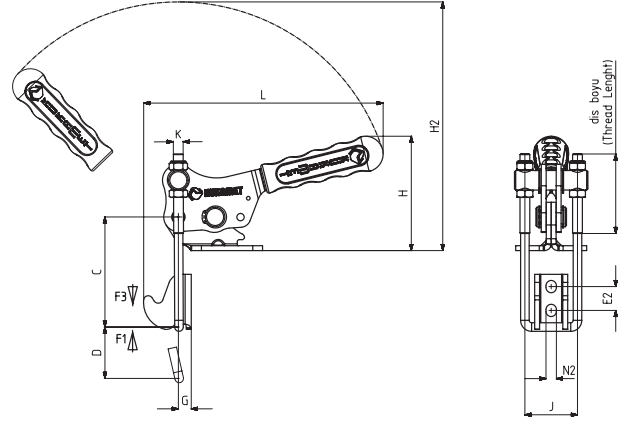
351



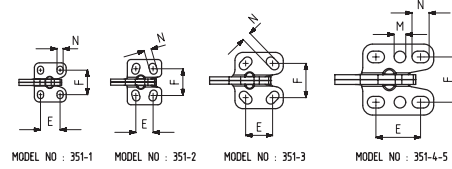
MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	STROK (DİŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
351-1	S 351 -	B 351 -	1000	1500	45	135
351-2	S 351 -	B 351 -	1500	2000	45	175
351-3	S 351 -	B 351 -	2200	3200	75	335
351-4	S 351 -	B 351 -	7000	8000	95	815
351-5	S 351 -	B 351 -	10000	11000	110	1185

F1 : BASKI KUVVETİ (EXERTING FORCE), F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)

Paslanmaz U Kancalı ürünlerin çekme kuvvetleri %30 daha azdır. (Stainless steel latch clamp's tensile strength are %30 more less)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



MODEL NO	A	B	C (min.)	C (max.)	D	E	E2	F	G	H	H2	J	K	L	M	N	N2
351-1	26	32	35	65	20	16	10	18,5 - 21,5	13	55	110	23	M4	104		5x6,5	Ø 5
351-2	28	37	32	62	25	13 - 15	10 - 14	19 - 24,5	17	58	120	23	M4	113		6 x 9	5,5 x 8
351-3	39,5	46	32	67	35	19 - 25	16	25 - 31	21,5	67	160	30	M6	131		7,5x11,5	Ø 6,5
351-4	58	58	45	95	44	32 - 41	18 - 21	37	27,5	91	200	43	M8	196	Ø 9,5	9,5x14	8,5x10
351-5	58	58	45	127	44	32 - 41	18 - 21	37	27,5	93,5	204,5	45	M10	196	Ø 9,5	9,5x14	8,5x10

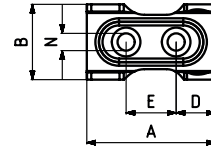
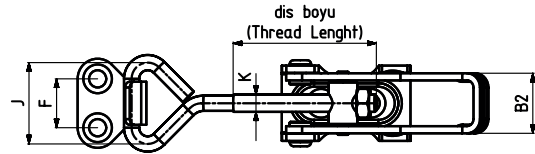
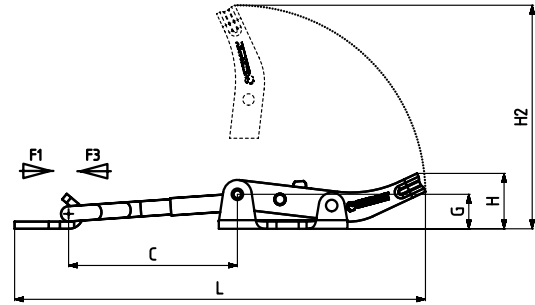
C Ölçüsü Kısa U Kanca İçindir. Bkz. Aksesuar Sayfası. / C Dimension is for short U Hook. Please See Accessories Page.

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MODEL NO	PASLANMAZ (STAINLESS)	F1 (N)	F3 (N)	STROK (DİŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
361-2	S361-...	1500	1725	50	100

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

MODEL NO	A	B	B2	C Min	C Max	D	E	F	G	H	H2	J	K	L Min	L Max	M	N
361-2	45	26	21	25	60	13,75	17,5	17	12	19,5	78	28,5	M6	110	145		Ø 6

KİLİTLİ / LOCKED

NOT : Kilitli modellerin teknik detayları 36, 37, 40 ve 41 numaralı sayfalarda mevcuttur.
Note: Technical details of locked models are available at pages 36, 37, 40 and 41

311-L



MODEL NO
311 - 1-L
311 - 2-L
311 - 3-L
311 - 4-L
311 - 5-L



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

312-L



MODEL NO
312 - 1-L
312 - 2-L
312 - 3-L
312 - 4-L
312 - 5-L



Ayak Tipi: Dikey Tabanlı
Body Mounting Base: vertical

341-L



MODEL NO
341 - 4-L
341 - 5-L



Ayak Tipi: Döküm Gövdeli
Body Mounting Base: Casting

351-L



MODEL NO
351 - 1-L
351 - 2-L
351 - 3-L
351 - 4-L
351 - 5-L



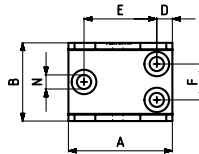
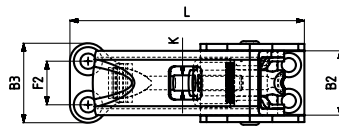
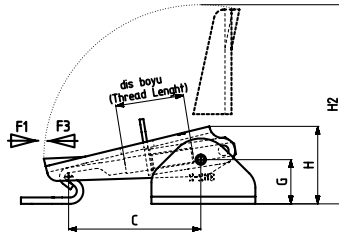
Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

362



MODEL NO	PASLANMAZ (STAINLESS)	F1 (N)	F3 (N)	STROK (DIŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
362-1	S362 -	1400	1650	25	140
362-2	S362 -	1600	1800	25	160

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

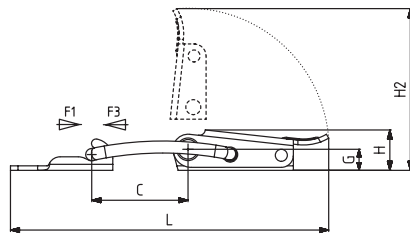
MODEL NO	A	B	B2	B3	C Min	C Max	D	E	F	F2	G	H	H2	K	L Min	L Max	N
362-1	40	29,5	24	31	47	62	6	28	14	17	17	30	78	M6	86	101	Ø 5,5
362-2	40	30,5	25	31	47	62	6	28	14	17	17	30	78	M8	86	101	Ø 5,5

363

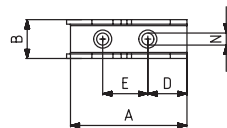
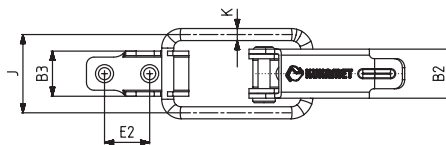


MODEL NO	PASLANMAZ (STAINLESS)	F1 (N)	F3 (N)	AĞIRLIK (WEIGHT) (gr)
363-2	S363-....	1500	1725	50

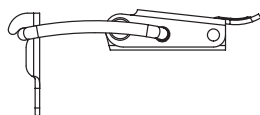
F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)



POS 1



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



POS 2

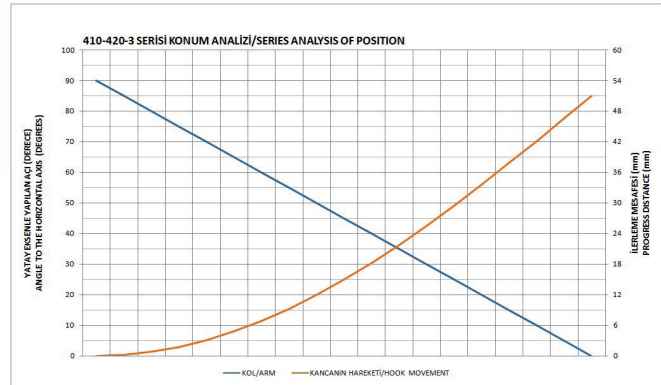
MODEL NO	A	B	B2	B3	C	D	E	E2	F	G	H	H2	J	K	L	M	N
363-2	38,5	13	16,3	15	32	13	15	15	7	7	13,5	54	25	4	106		Ø 4

411

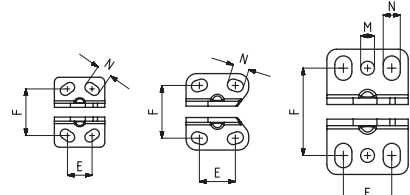
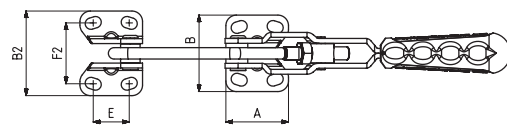
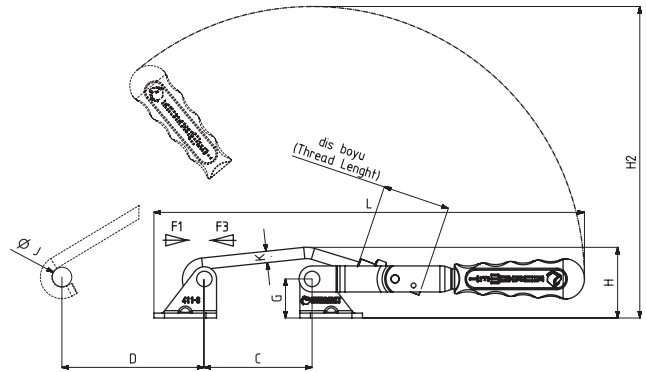


MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	STROK (DİŞ BOYU) (STROKE) (thread length)	AĞIRLIK (WEIGHT) (gr)
411-2	S 411 -	B 411 -	1500	1800	35	210
411-3	S 411 -	B 411 -	2000	2500	41	325
411-4	S 411 -	B 411 -	3500	4000	55	860

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)
Paslanmaz C Kancalı ürünlerin çekme kuvvetleri %30 daha azdır. (Stainless stell latch clamp's tensile strength are %30 more less)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



MODEL NO : 411-2

MODEL NO : 411-3

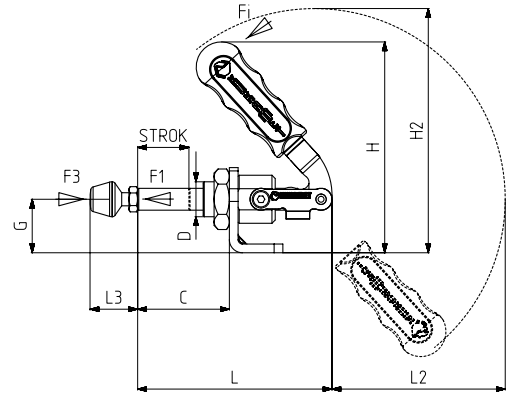
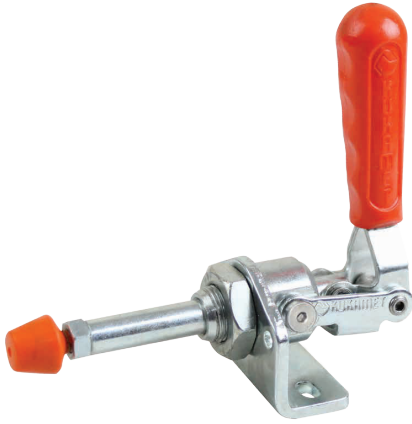
MODEL NO : 411-4

MODEL NO	A	B	B2	C min.	C max.	D	E	F	F2	G	H	H2	J	K	L min.	L max.	M	N
411-2	31	43	47	45	60	50	12 - 18	26,5 - 30,5	30,5 - 34,5	26	38	155	9	M6	200	215		6x9,5
411-3	38,5	47	52	60	75	80	19 - 25	31,5 - 33	36,5 - 38	24	42	190	12	M8	255	270		7x10
411-4	50	77	84	75	100	130	30	49 - 58	56 - 65	40	61	253	16	M10	335	360	Ø 8,5	10,5x15

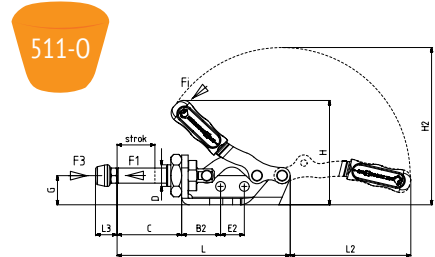
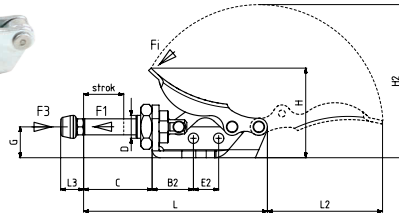
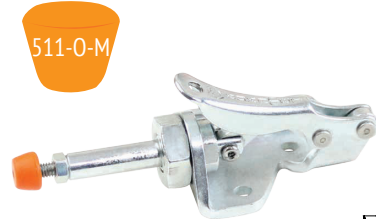
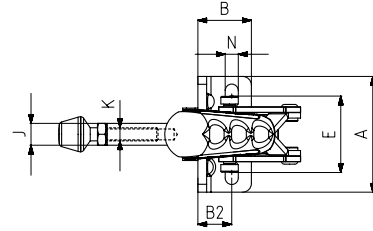


MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	Fi	BASKI VİDASI (SQUEEZE SCREW)	STROK	AĞIRLIK (WEIGHT) (gr)
					VERİM YIELD (F1:Fi)			
511-0-M	S 511 -	B 511 -	550	700	20:1	M4X25	15	87
511-0	S 511 -	B 511 -	550	700	20:1	M4X25	15	92
511-1	S 511 -	B 511 -	800	970	24:1	M5X35	22	135
511-2	S 511 -	B 511 -	1500	1700	26:1	M6X40	27	280
511-3	S 511 -	B 511 -	2500	2640	27:1	M8X50	38	490
511-5	S 511 -	B 511 -	3500	3700	38:1	M10X70	53	960
511-6	S 511 -	B 511 -	4500	4650	38:1	M10X70	53	1070

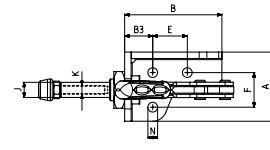
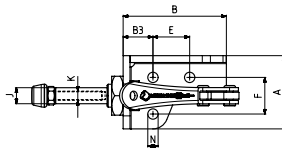
F1 : BASKI KUVVETİ (EXERTING FORCE), F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY), Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal



MODEL NO : 511-0-M
(KAPLAMASIZ METAL SAP)
(UNCOATED METAL HANDLE)

MODEL NO : 511-0

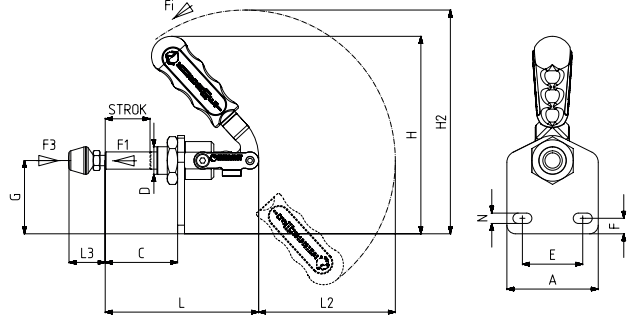
MODEL NO	A	B	B2	B3	C	D	E	E2	F	G	H	H2	J	K	L	L2	L3 Min	L3 Max	N
511-0-M	32	45	18	13	32	M10 x 1	16	11	16	13,5	39	67	7	M4	82	50,5	10	25	Ø 4,5
511-0	32	45	18	13	32	M10 x 1	16	11	16	13,5	48	73	7	M4	82	56	10	25	Ø 4,5
511-1	44	20	11,5		34	M12 x 1,5	21,5 - 31,5			19,5	79,5	92	8	M5	73	68,5	15	38	5,5 x 10,5
511-2	53	24,5	15,5		42	M16 x 1,5	30 - 40			24,5	96	111	10	M6	89	80	19	46	6 x 11
511-3	60	30	17,5		56	M20 x 1,5	33,5 - 42,5			30,5	137	140	12	M 8	116	80	24	58	6,5 x 11
511-5	78	36	21		75	M24 x 1,5	42 - 57			38	152	179	14	M10	155	135	32	74	8,5 x 16
511-6	78	36	21		75	M24 x 1,5	42 - 57			38	152	179	16	M10	155	135	32	74	8,5 x 16

512

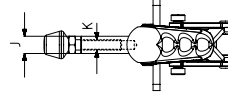


MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	Fi VERİM (YIELD) (F1:Fi)	BASKI VİDASI (SQUEEZE SCREW)	STROK	AĞIRLIK (WEIGHT) (gr)
512-2	S 512 -	B 512 -	1500	1700	26:1	M6X40	27	280
512-3	S 512 -	B 512 -	2500	2640	27:1	M8X50	38	490
512-5	S 512 -	B 512 -	3500	3700	38:1	M10X70	53	960
512-6	S 512 -	B 512 -	4500	4650	38:1	M10X70	53	1070

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical



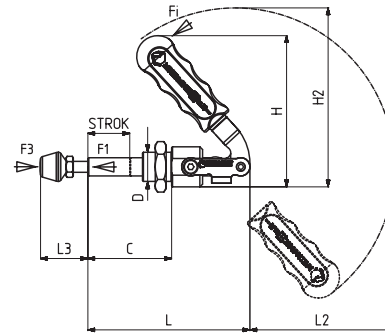
MODEL NO	A	B	C	D	E	F	G	H	H2	J	K	L	L2	L3 Min	L3 Max	M	N
512-1	44		34	M12 x 1,5	21,5 - 31,5	8,5	35	95	108	8	M5	73	68,5	15	38		5,5 x 10,5
512-2	53		42	M16 x 1,5	30 - 40	9	42,5	114	129	10	M6	89	80	19	46		6 x 11
512-3	60		56	M20 x 1,5	33,5 - 42,5	12,5	52	158	161	12	M 8	116	80	24	58		6,5 x 11
512-5	78		75	M24 x 1,5	42 - 57	15	64,5	178	206	14	M10	155	135	32	74		8,5 x 16
512-6	78		75	M24 x 1,5	42 - 57	15	64,5	178	206	16	M10	155	135	32	74		8,5 x 16

513

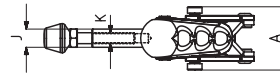


MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	F1 (N)	F3 (N)	Fi VERİM (YIELD) (F1:Fi)	BASKI VİDASI (SQUEEZE SCREW)	STROK	AĞIRLIK (WEIGHT) (gr)
513-2	S 513 -	B 513 -	1500	1700	26:1	M6X40	27	200
513-3	S 513 -	B 513 -	2500	2640	27:1	M8X50	38	360
513-5	S 513 -	B 513 -	3500	3700	38:1	M10X70	53	710
513-6	S 513 -	B 513 -	4500	4650	38:1	M10X70	53	780

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Tabansız
Body Mounting Base: No Base

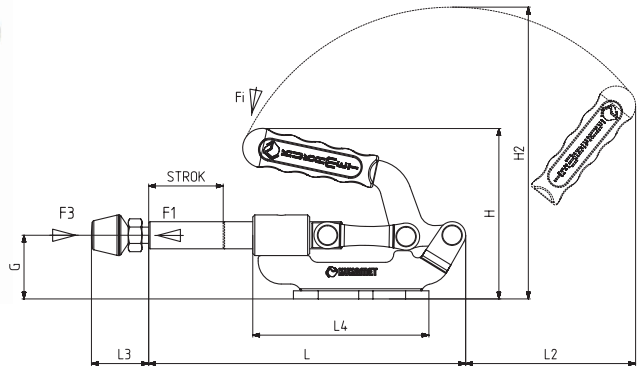
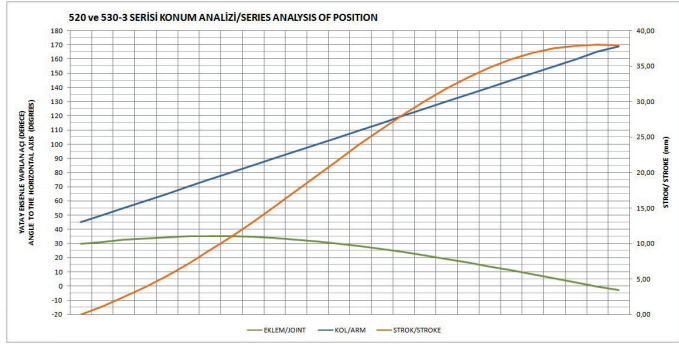


MODEL NO	A	B	C	D	F	G	H	H2	J	K	L	L2	L3 Min	L3 Max	M	N
513-1	28		37	M12 x 1,5			69	82	8	M5	73	68,5	15	38		
513-2	32		46	M16 x 1,5			81,5	97	10	M6	89	80	19	46		
513-3	39		61	M20 x 1,5			100	103	12	M 8	116	80	24	58		
513-5	47		81	M24 x 1,5			131	159	14	M10	155	135	32	74		
513-6	51		81	M24 x 1,5			131	159	16	M10	155	135	32	74		

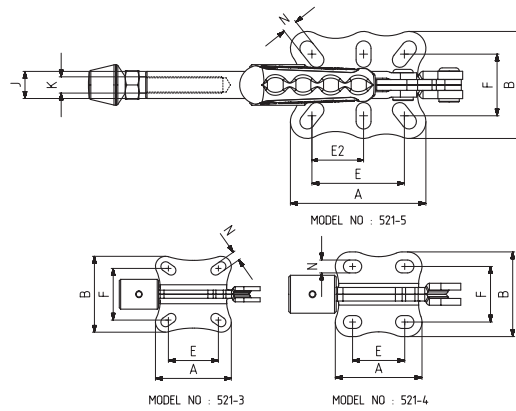
MODEL NO	F1 (N)	F3 (N)	Fi	BASKI VİDASI (SQUEEZE SCREW)	STROK	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1:Fi)			
521-3 (Ø 12)	2500	2960	16:1	M8X50	38	390
521-3 (Ø 14)	2500	3200	16:1	M8X50	38	405
521-4 (Ø 16)	4500	6650	23:1	M10X70	47	810
521-4 (Ø 18)	4500	7200	23:1	M10X70	47	825
521-5 (Ø 20)	7500	15000	30:1	M12X80	55	1425

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

521



Ayak Tipi: Yatay Tabanlı, Kaynaklı
Body Mounting Base: Horizontal, With Welding



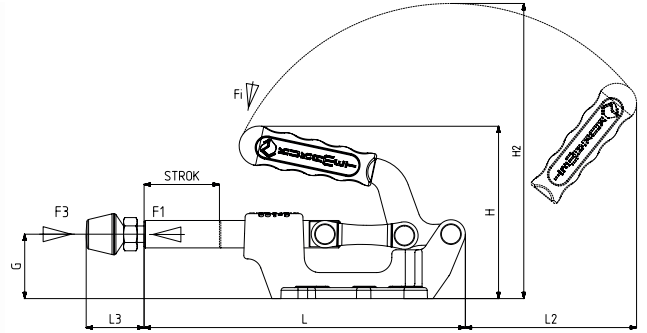
MODEL NO	A	B	C	D	E	E2	F	G	H	H2	J	K	L	L2	L3 Min	L3 Max	L4	M	N
521-3 (Ø 12)	56	56			32,5 - 41		35 - 41	32	88	142	12	M8	154	85	24	58	83		7 x 12
521-3 (Ø 14)	56	56			32,5 - 41		35 - 41	32	88	142	14	M8	154	85	24	58	83		7 x 12
521-4 (Ø 16)	64	62			34,5 - 42,5		41	40	107	179	16	M10	186	105	32	81	98		9,5 x 13,5
521-4 (Ø 18)	64	62			34,5 - 42,5		41	40	107	179	18	M10	186	105	32	81	98		9,5 x 13,5
521-5 (Ø 20)	100	79			61,5 - 75	34,5 - 41,5	37 - 54	47	125	216	20	M12	234	125	39	94	130		11 x 22

531



MODEL NO	F1 (N)	F3 (N)	Fi	BASKI VİDASI (SQUEEZE SCREW)	STROK	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1:Fi)			
531 - 3 (Ø 12)	2500	3700	16:1	M8X50	38	635
531 - 3 (Ø 14)	2500	4000	16:1	M8X50	38	645
531 - 4 (Ø 16)	4500	8100	23:1	M10X70	47	1140
531 - 4 (Ø 18)	4500	8800	23:1	M10X70	47	1150
531 - 5 (Ø 20)	7500	18450	30:1	M12X80	55	1835

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)
Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Yatay Tabanlı, Döküm Gövdeli Body Mounting Base: Horizontal, Casting

Ürün özellikleri ;

Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.

Gövde mukavemetli GGG-60 döküm malzemeden üretilmiş ve siyah elektro statik toz boya ile boyanmıştır.

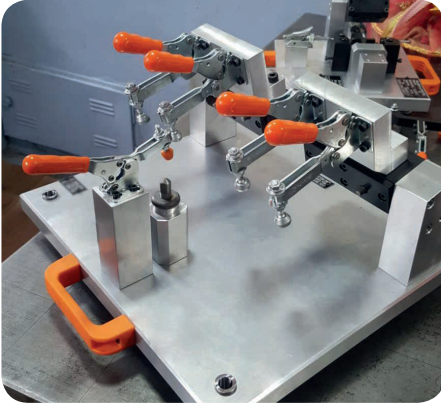
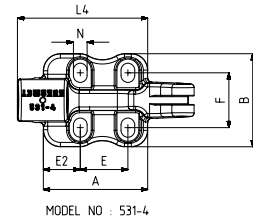
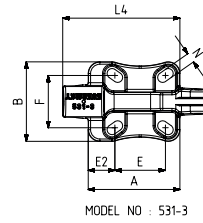
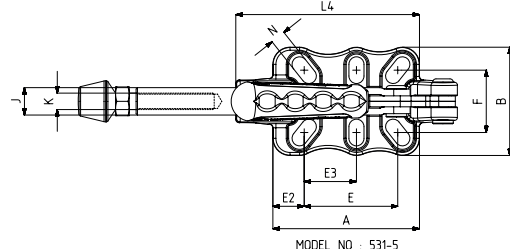
Mil, yüksek aşınma direnci ve korozyon direnci için sert krom kaplı malzemeden üretilmiştir. Mekanizma parçaları çelik malzemeden üretilmiş ve korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features ;

The products are strong and suited for heavy duty applications.

The body is made of strong GGG-60 casting and coated with black electrostatic powder paint.

The rod is made of hard chrome plated steel for high wear and corrosion resistance and the mechanism parts are made of galvanized steel for corrosion resistance.



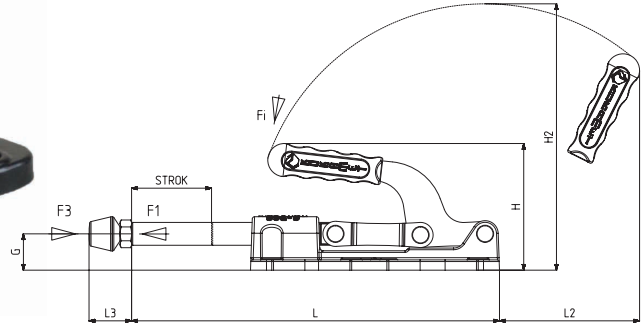
MODEL NO	A	B	C	D	E	E2	E3	F	G	H	H2	J	K	L	L2	L3 Min	L3 Max	L4	M	N
531 - 3 (Ø 12)	67	58			32,5 - 41	17,5 - 21,5		35 - 41	32	88	142	12	M8	155	85	24	58	85,5		7 x 12
531 - 3 (Ø 14)	67	58			32,5 - 41	17,5 - 21,5		35 - 41	32	88	142	14	M8	155	85	24	58	85,5		7 x 12
531 - 4 (Ø 16)	76	68			34,5	27		36 - 44	39	107	179	16	M10	187	105	32	81	95		10 x 14
531 - 4 (Ø 18)	76	68			34,5	27		36 - 44	39	107	179	18	M10	187	105	32	81	95		10 x 14
531 - 5 (Ø 20)	107	79			61,5 - 75	19,5 - 26	34,5 - 41,5	37 - 54	47	125	216	20	M12	235	125	39	94	134		11 x 22

532



MODEL NO	F1 (N)	F3 (N)	Fi	BASKI VIDASI (SQUEEZE SCREW)	STROK	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1:Fi)			
532 - 3 (Ø 12)	2500	3700	16:1	M8X50	38	590
532 - 3 (Ø 14)	2500	4000	16:1	M8X50	38	610
532 - 4 (Ø 16)	4500	8100	23:1	M10X70	47	1030
532 - 4 (Ø 18)	4500	8800	23:1	M10X70	47	1060
532 - 5 (Ø 20)	7500	18450	30:1	M12X80	100	2870

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY)
Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Yatay Tabanlı, Döküm Gövdeli Body Mounting Base: Horizontal, Casting

Ürün özellikleri ;

Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.

Gövde mukavemetli GGG-60 döküm malzemeden üretilmiş ve siyah elektro statik toz boya ile boyanmıştır.

Mil, yüksek aşınma direnci ve korozyon direnci için sert krom kaplı malzemeden üretilmiştir.

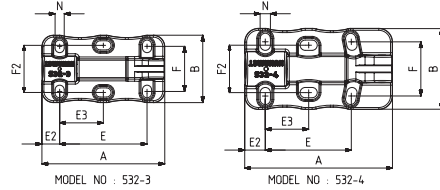
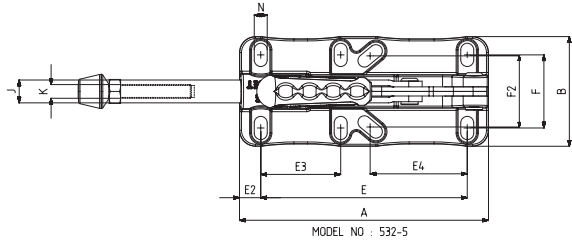
Mekanizma parçaları çelik malzemeden üretilmiş ve korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features ;

The products are strong and suited for heavy duty applications.

The body is made of strong GGG-60 casting and coated with black electrostatic powder paint.

The rod is made of hard chrome plated steel for high wear and corrosion resistance and the mechanism parts are made of galvanized steel for corrosion resistance.

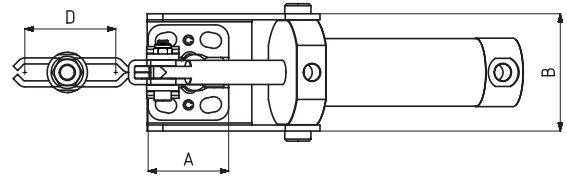
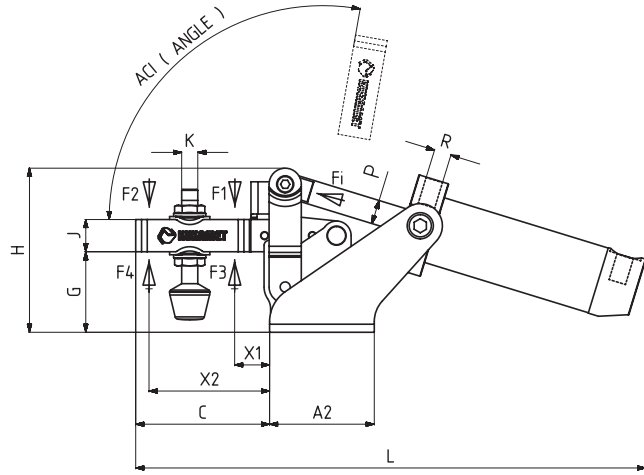


MODEL NO	A	B	C	D	E	E2	E3	E4	F	F2	G	H	H2	J	K	L	L2	L3 Min	L3 Max	M	N
532 - 3 (Ø 12)	107	59			76,5	15,5	35,5 - 41		36,5 - 42,5	41	17,5	73	127	12	M8	156	81	24	58		8x11
532 - 3 (Ø 14)	107	59			76,5	15,5	35,5 - 41		36,5 - 42,5	41	17,5	73	127	14	M8	156	81	24	58		8x11
532 - 4 (Ø 16)	130	71			74,5 - 75,5	18	35 - 41		41,5 - 53	41,5	20,5	86	159	16	M10	188	94	32	81		9x15
532 - 4 (Ø 18)	130	71			74,5 - 75,5	18	35 - 41		41,5 - 53	41,5	20,5	86	159	18	M10	188	94	32	81		9x15
532 - 5 (Ø 20)	218	96			180,5	18,5	70	80 - 90	55 - 73	54 - 70,5	31,8	111	234	20	M12	322	122	39	94		11x20

MODEL NO	F1 (N)	F2 (N)	F3 (N)	F4 (N)	Fİ (N)	Vn (dm ³)	AÇI (ANGLE) (± 5°)	AĞIRLIK (WEIGHT) (gr)	BAR
611-1-Q16	600	400	1000	680	120	0,09	95°	275	6
611-1-Q20	750	500	1000	680	190	0,14	95°	360	6
611-2	1200	700	1400	925	300	0,25	95°	535	6
611-3	2000	1400	2500	1560	500	0,51	95°	860	6
611-4	3000	2000	3300	2200	750	1,04	95°	1690	6
611-5	4500	2500	5000	3000	1100	2	95°	3090	6

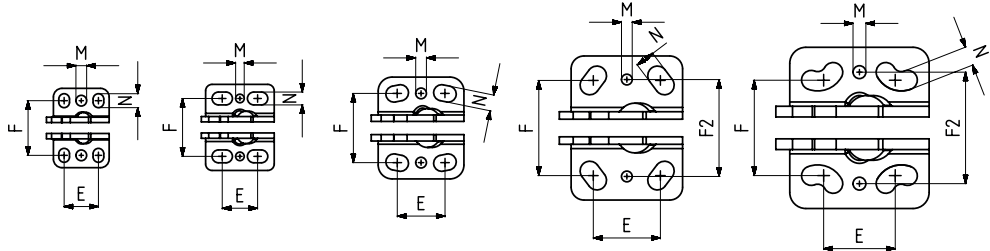
F1 - F2 : BASKI KUVVETİ (EXERTING FORCE), F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY), Fİ : UYGULAMA KUVVETİ (APPLIED FORCE)

Vn, 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn, AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)



Ayak Tipi: Yatay Tabanlı, Ön Bağlantılı Body Mounting Base: Horizontal, Tied Front

Pistonlar çift etkili, manyetik ve yastıklıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.



MODEL NO : 611-1

MODEL NO : 611-2

MODEL NO : 611-3

MODEL NO : 611-4

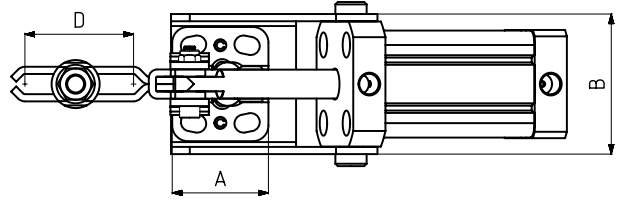
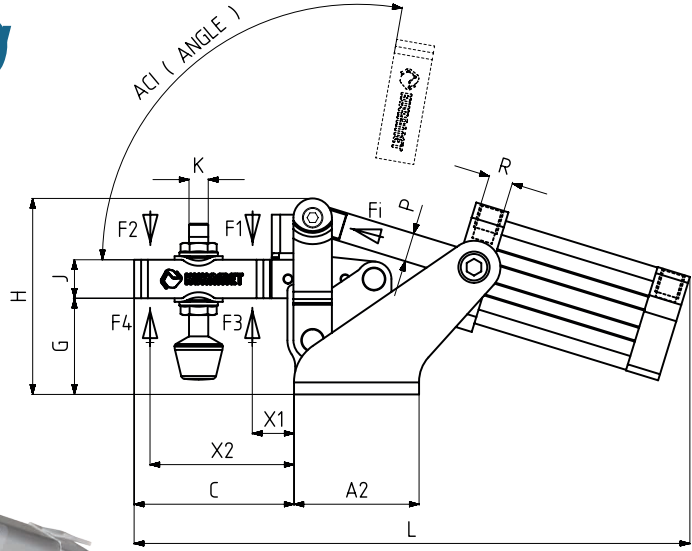
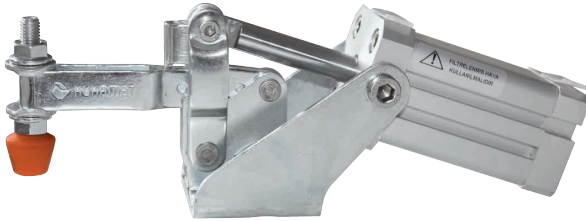
MODEL NO : 611-5

MODEL NO	A	A2	B	C	D	E	F	F2	G	H	J	K	L	M	N	X1	X2	P	R	PİSTON Ø
611-1-Q16	26	34	44	42	26	16	24 - 27	25,5	25	52	10	M5	185	Ø5	5 x 6,5	16	32	Ø6	M5	16
611-1-Q20	26	34	44	44	26	16	24 - 27	25,5	25	52	10	M5	192	Ø5	5 x 6,5	16	32	Ø8	G1/8	20
611-2	32	42	51	60	42	13 - 20	27	27	29	61	13	M6	225	Ø4	6 x 9,5	18	48	Ø10	G1/8	25
611-3	40	52	58	66,5	42	19 - 25	31,5 - 32,5	32,3	40	81,5	16	M8	253,5	Ø5	7,5 x 10,5	25	52	Ø12	G1/8	32
611-4	52	95	77	98,5	67	28 - 34,5	40 - 48,5	45,2	50	104	20	M10	323	Ø5	9 x 14,5	32	80	Ø16	G1/8	40
611-5	65	134	92	124	88	24,5 - 45	44,5 - 52	52	62	128	25	M12	399	Ø6	9 x 19,5	36	101	Ø20	G1/8	50

MODEL NO	F1 (N)	F2 (N)	F3 (N)	F4 (N)	Fi (N)	Vn (dm ³)	AÇI (ANGLE) (± 5°)	AĞIRLIK (WEIGHT) (gr)	BAR
612-2	1200	700	1400	925	300	0,25	95°	535	6
612-3	2000	1400	2500	1560	500	0,51	95°	860	6

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

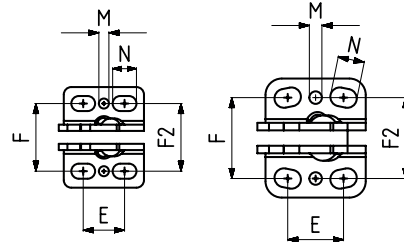
Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)



Ayak Tipi: Yatay Tabanlı, Ön Bağlantılı
Body Mounting Base: Horizontal, Tied Front

Sensör Kanallı - Kare Pistonlu
With Square Piston and Sensor Slot

Pistonlar çift etkili, manyetik ve yastıklıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.



MODEL NO : 612-2

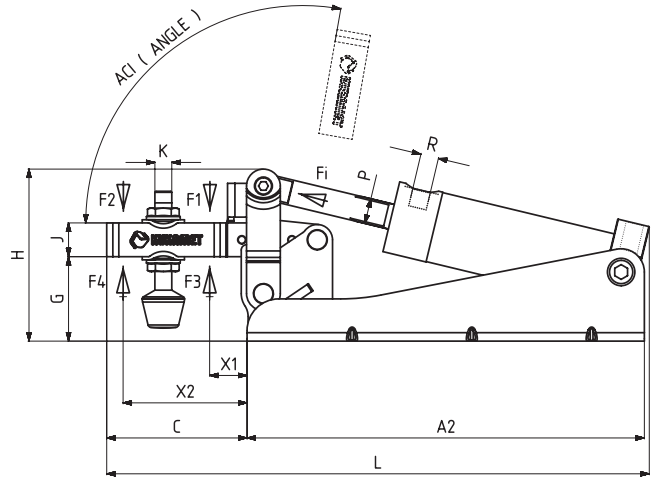
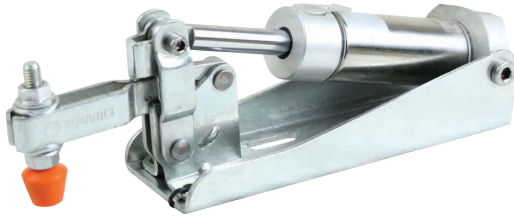
MODEL NO : 612-3

MODEL NO	A	A2	B	C	D	E	F	F2	G	H	J	K	L	M	N	X1	X2	P	R	PİSTON Ø
612-2	32	42	51	60	42	13 - 20	27	27	29	61	13	M6	203	Ø4	6 x 9,5	18	48	Ø 10	G1/8	25
612-3	40	52	58	66,5	42	19 - 25	31,5 - 32,5	32,3	40	81,5	16	M8	231	Ø5	7,5 x 10,5	25	52	Ø 12	G1/8	32

MODEL NO	F1 (N)	F2 (N)	F3 (N)	F4 (N)	Fi (N)	Vn (dm ³)	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)	BAR
631-1	750	500	1000	680	190	0,14	95°	470	6
631-2	1200	700	1400	925	300	0,25	95°	765	6
631-3	2000	1400	2500	1560	500	0,51	95°	1100	6
631-4	3000	2000	3300	2200	750	1,04	95°	2020	6
631-5	4500	2500	5000	3000	1100	2	95°	3610	6

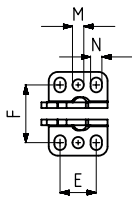
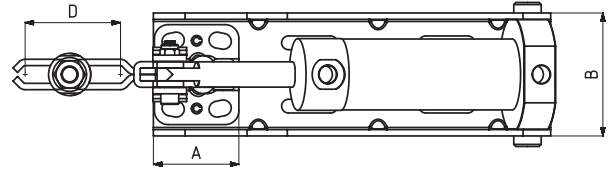
F1 - F2 : BASKI KUVVETİ (EXERTING FORCE), F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY), Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

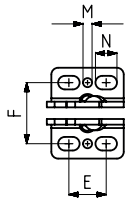


Ayak Tipi: Yatay Tabanlı, Arka Bağlantılı Body Mounting Base: Horizontal, Tied Behind

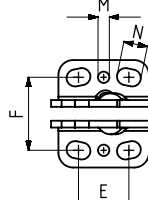
Pistonlar çift etkili, manyetik ve yastıklamalıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.



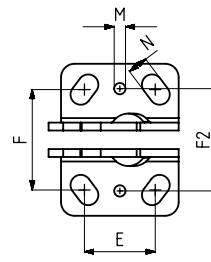
MODEL NO : 631-1



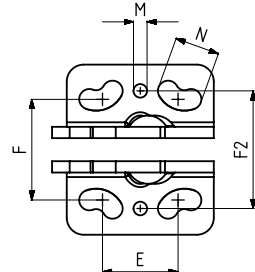
MODEL NO : 631-2



MODEL NO : 631-3

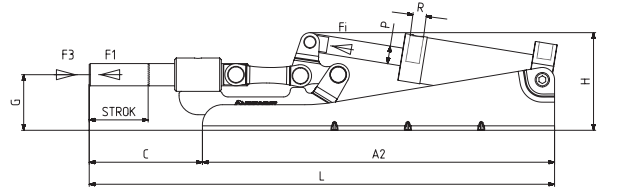


MODEL NO : 631-4

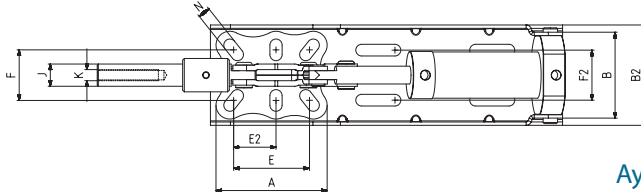


MODEL NO : 631-5

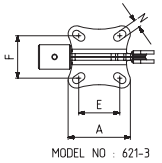
MODEL NO	A	A2	B	C	D	E	F	F2	G	H	J	K	L	M	N	X1	X2	P	R	PİSTON Ø
631-1	26	155	44	42	26	16	24 - 27	25,5	25	52	10	M5	198	Ø5	5 x 6,5	16	32	Ø 8	G1/8	20
631-2	32	171	51	60	42	13 - 20	27	27	29	61	13	M6	232	Ø4	6 x 9,5	18	48	Ø 10	G1/8	25
631-3	40	188	58	66,5	42	19 - 25	31,5 - 32,5	32,3	40	81	16	M 8	257	Ø5	7,5 x 10,5	25	52	Ø 12	G1/8	32
631-4	52	227	77	98,5	67	28 - 34,5	40 - 48,5	45,2	50	104	20	M10	330	Ø5	9 x 14,5	32	80	Ø 16	G1/8	40
631-5	65	275	92	125	88	24,5 - 45	44,5 - 52	52	62	128	25	M12	400	Ø6	9 x 19,5	36	101	Ø 20	G1/8	50



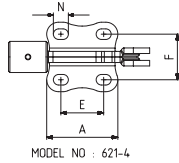
621



MODEL NO : 621-5



MODEL NO : 621-3



MODEL NO : 621-4



Ayak Tipi: Yatay Tabanlı, Kaynaklı, Arka Bağlantılı
Body Mounting Base: Horizontal With Welding, Tied Behind

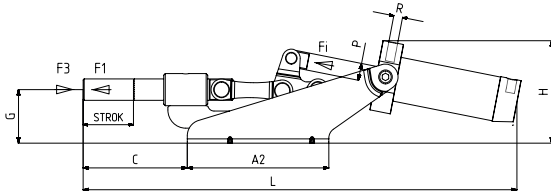
MODEL NO	F1 (N)	F3 (N)	Fİ (N)	Vn (dm ³)	STROK	AĞIRLIK (WEIGHT) (gr)	BAR
621 - 3 (Ø 12)	1500	2960	300	0.25	23	1140	6
621 - 3 (Ø 14)	2500	3200	500	0.51	23	1310	6
621 - 4 (Ø 16)	4500	6650	750	1.04	33	2230	6
621 - 4 (Ø 18)	4500	7200	750	1.04	33	2260	6
621 - 5 (Ø 20)	7500	15000	1100	2	42	3860	6

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fİ : UYGULAMA KUVVETİ (APPLIED FORCE)

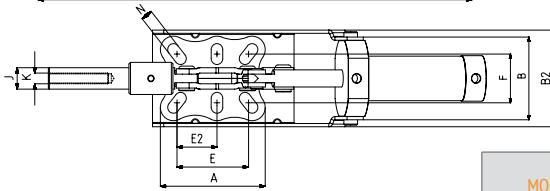
Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

Pistonlar çift etkili, manyetik ve yastıklamalıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.

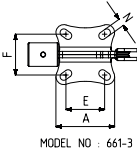
MODEL NO	A	A2	B	B2	C	D	E	E2	F	F2	G	H	J	K	L	M	N	P	R	PİSTON Ø
621 - 3 (Ø 12)	56	226	51	68	70		32,5 - 41		35 - 41	35	35	65	12	M8	296		7 x 12	Ø 10	G1/8	25
621 - 3 (Ø 14)	56	243	58	68	70		32,5 - 41		35 - 41	35	35	71.5	14	M8	314		7 x 12	Ø 12	G1/8	32
621 - 4 (Ø 16)	64	289	77	78	84		34,5 - 42,5		41	41	43	89	16	M10	375		9,5x13,5	Ø 16	G1/8	40
621 - 4 (Ø 18)	64	289	77	78	84		34,5 - 42,5		41	41	43	89	18	M10	375		9,5x13,5	Ø 16	G1/8	40
621 - 5 (Ø 20)	100	355	79	92	101		61,5 - 75	34,5 - 41,5	37 - 54	45	51	105	20	M12	460		11 x 22	Ø 20	G1/8	50



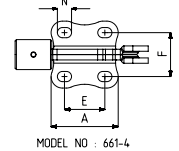
661



MODEL NO : 661-5



MODEL NO : 661-3



MODEL NO : 661-4



Ayak Tipi: Yatay Tabanlı, Kaynaklı, Ön Bağlantılı
Body Mounting Base: Horizontal With Welding, Tied Front

MODEL NO	F1 (N)	F3 (N)	Fİ (N)	Vn (dm ³)	STROK	AĞIRLIK (WEIGHT) (gr)	BAR
661 - 3 (Ø 12)	1500	2960	300	0.25	23	860	6
661 - 3 (Ø 14)	2500	3200	500	0.51	23	1010	6
661 - 4 (Ø 16)	4500	6650	750	1.04	33	1800	6
661 - 4 (Ø 18)	4500	7200	750	1.04	33	1830	6
661 - 5 (Ø 20)	7500	15000	1100	2	42	3220	6

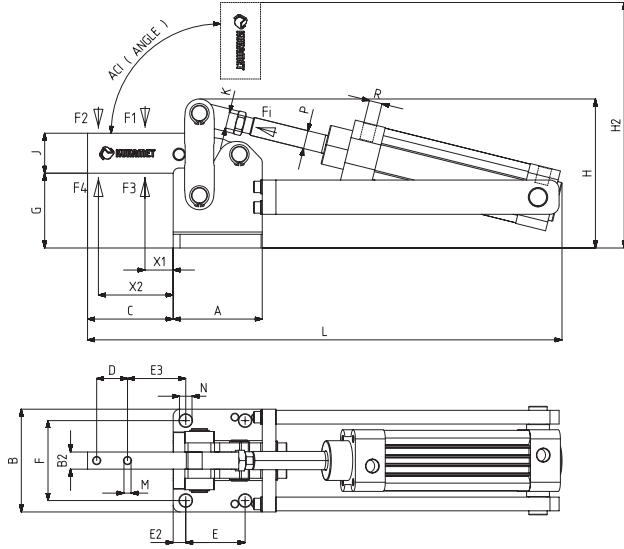
F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fİ : UYGULAMA KUVVETİ (APPLIED FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

Pistonlar çift etkili, manyetik ve yastıklamalıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.

MODEL NO	A	A2	B	B2	C	D	E	E2	F	G	H	J	K	L	M	N	P	R	PİSTON Ø
661 - 3 (Ø 12)	56	90	51	68	70		32,5 - 41		35 - 41	35	72	12	M8	292		7 x 12	Ø 10	G1/8	25
661 - 3 (Ø 14)	56	100	58	68	70		32,5 - 41		35 - 41	35	79	14	M8	312		7 x 12	Ø 12	G1/8	32
661 - 4 (Ø 16)	64	115	77	78	84		34,5 - 42,5		41	43	100	16	M10	372		9,5 x 13,5	Ø 16	G1/8	40
661 - 4 (Ø 18)	64	115	77	78	84		34,5 - 42,5		41	43	100	18	M10	372		9,5 x 13,5	Ø 16	G1/8	40
661 - 5 (Ø 20)	100	170	79	92	101		61,5 - 75	34,5 - 41,5	37 - 54	51	110	20	M12	456		11 x 22	Ø 20	G1/8	50

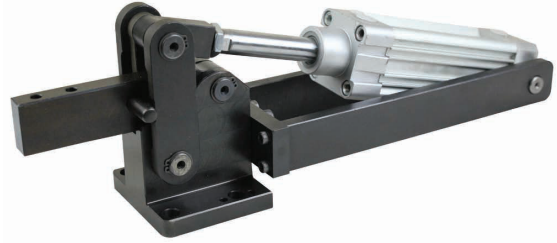
681



MODEL NO	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F1 (N)	Vn (dm ³)	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)	BAR
681 - 4	2500	1800	9000	6000	750	1,28	90°	5565	6
681 - 6	4000	2400	18000	12000	1150	2,5	90°	9660	6
681 - 8	6500	4000	30000	20000	1850	5,13	90°	20475	6

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , F1 : UYGULAMA KUVVETİ (APPLIED FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

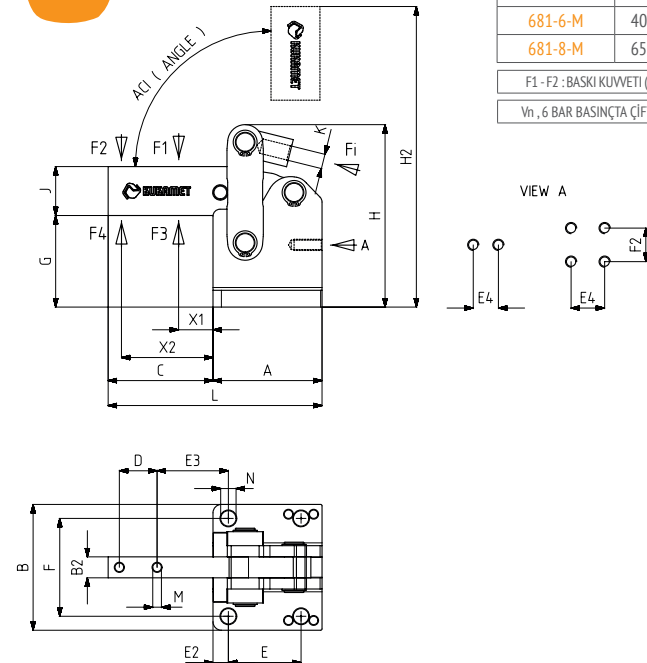


Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

Pistonlar çift etkili, manyetik ve yastıklıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.

MODEL NO	A	B	B2	C	D	E	E2	E3	F	G	H	H2	J	K	L	M	N	X1	X2	P	R	PİSTON Ø	STROK
681 - 4	77	90	15	75	27	52	10	47	70	65,5	131	216	35	M12X1,25	416	6,2	11	18	64	Ø 16	G1/4	40	80
681 - 6	93	105	20	85	26	55	11	54	83	71	158	249	40	M16X1,50	483	8,2	12,5	18	69	Ø 20	G1/4	50	100
681 - 8	125	145	30	115	40	80	15	67	115	94	212	336	60	M16X1,50	594	12,2	16,5	18	92	Ø 20	G3/8	63	125

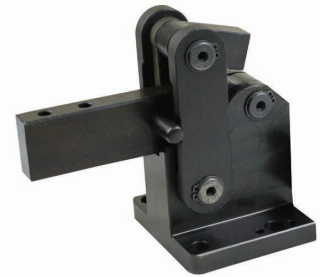
681-M



MODEL NO	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F1 (N)	Vn (dm ³)	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)	BAR
681-4-M	2500	1800	9000	6000	750	1,28	90°	2800	6
681-6-M	4000	2400	18000	12000	1150	2,5	90°	4600	6
681-8-M	6500	4000	30000	20000	1850	5,13	90°	11300	6

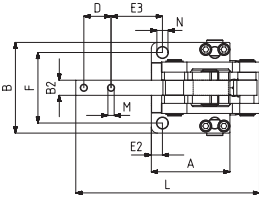
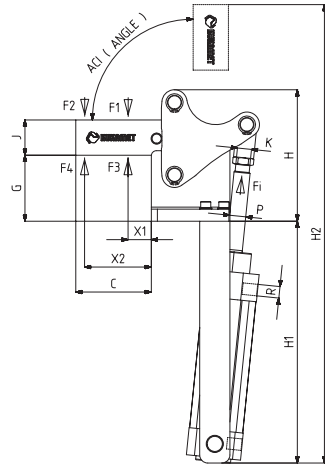
F1 - F2 : BASKI KUVVETİ (EXERTING FORCE) , F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , F1 : UYGULAMA KUVVETİ (APPLIED FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

MODEL NO	A	B	B2	C	D	E	E2	E3	E4	F	F2	G	H	H2	J	K	L	M	N	X1	X2	P	R	PİSTON Ø	STROK
681-4-M	77	90	15	75	27	52	10	47	18	70	65,5	131	216	35	M12X1,25	152	6,2	11	18	64	16	G1/4	40	80	
681-6-M	93	105	20	85	26	55	11	54	24	83	24	71	158	249	40	M16X1,50	178	8,2	12,5	18	69	20	G1/4	50	100
681-8-M	125	145	30	115	40	80	15	67	34	115	40	94	212	336	60	M16X1,50	240	12,2	16,5	18	92	20	G3/8	63	125



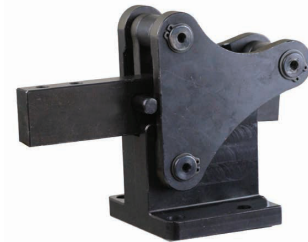
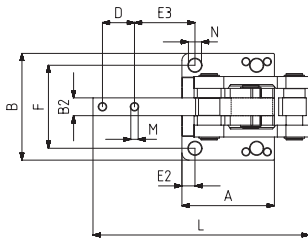
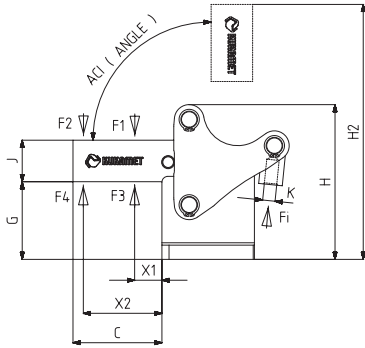
Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

Pistonlar çift etkili, manyetik ve yastıklıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.

MODEL NO	A	B	B2	C	D	E	E2	E3	F	G	H	H1	H2	J	K	L	M	N	X1	X2	P	R	PİSTON Ø	STROK
682-4	77	90	15	75	27	10	10	47	70	65,5	130,5	240	455	35	M12X1,25	182	6,2	11	18	64	Ø 16	G1/4	40	80
682-6	93	105	20	85	26	11	11	54	83	71	158	287	535	40	M16X1,50	219	8,2	12,5	18	69	Ø 20	G1/4	50	100
682-8	125	145	30	115	40	15	15	67	115	94	212	333	669	60	M16X1,50	288	12,2	16,5	18	92	Ø 20	G3/8	63	125

MODEL NO	F1 (N)	F2 (N)	F3 (N)	F4 (N)	F _i (N)	V _n (dm ³)	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)	BAR
682-4-M	2500	1800	9000	6000	750	1.28	90°	3100	6
682-6-M	4000	2400	18000	12000	1150	2.5	90°	4900	6
682-8-M	6500	4000	30000	20000	1850	5.13	90°	11600	6

F1 - F2 : BASKI KUVVETİ (EXERTING FORCE), F3 - F4 : TUTMA KAPASİTESİ (HOLDING CAPACITY), F_i : UYGULAMA KUVVETİ (APPLIED FORCE)
V_n , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (V_n ,AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

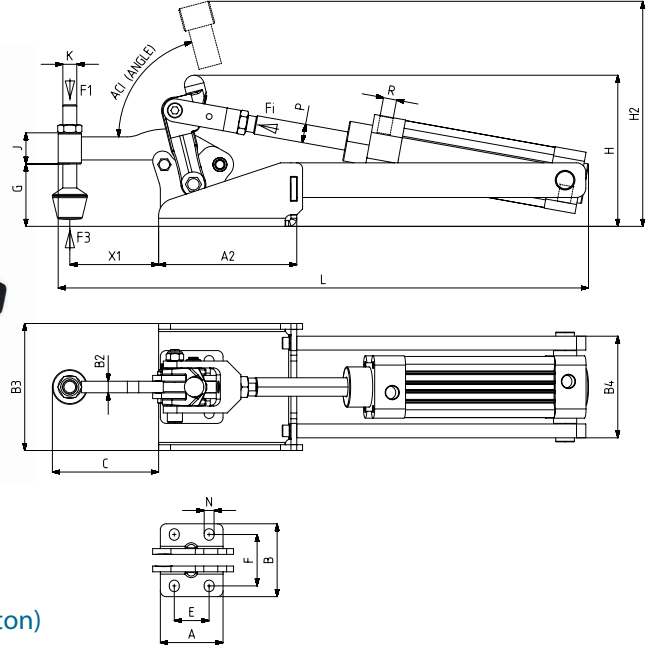
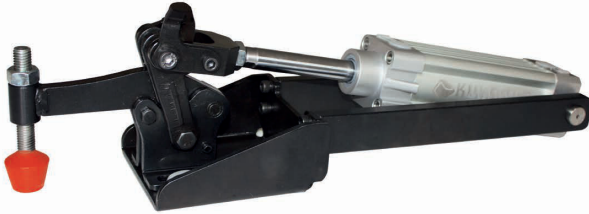
MODEL NO	A	B	B2	C	D	E	E2	E3	F	G	H	H2	J	K	L	M	N	X1	X2	P	R	PİSTON Ø	STROK
682-4-M	77	90	15	75	27	10	10	47	70	65,5	131	216	35	M12X1,25	182	6,2	11	18	64	Ø 16	G1/4	40	80
682-6-M	93	105	20	85	26	11	11	54	83	71	158	249	40	M16X1,50	219	8,2	12,5	18	69	Ø 20	G1/4	50	100
682-8-M	125	145	30	115	40	15	15	67	115	94	212	336	60	M16X1,50	288	12,2	16,5	18	92	Ø 20	G3/8	63	125



MODEL NO	F1 (N)	F3 (N)	Fİ (N)	Vn (dm ³)	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)	BAR
683 - 4	1600	5600	750	1,28	70°	4900	6
683 - 6	2000	11000	1150	2,5	70°	8000	6

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fİ : UYGULAMA KUVVETİ (APPLIED FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)



Ayak Tipi: Yatay Tabanlı (Modüler Pistonlu)
Body Mounting Base: Horizontal (Modular with piston)



Pistonlar çift etkili, manyetik ve yastıklıdır.
Pneumatic cylinders are double acting, magnetic and cushioning.

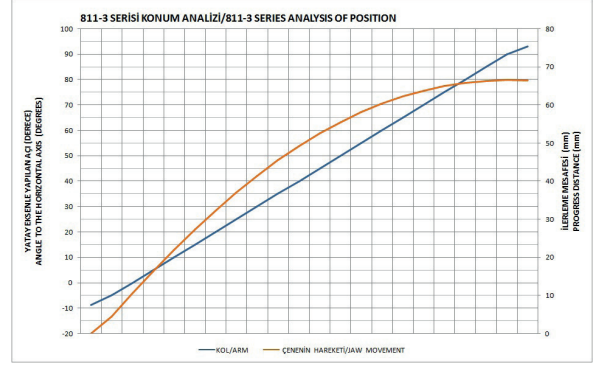
MODEL NO	A	A2	B	B2	B3	B4	C	D	E	F	G	H	H2	J	K	L	M	N	X1	P	R	PİSTON Ø	STROK
683 - 4	54	119	63	10	100	88	91,5		30	43-46	54	131	195	27	M12	457		8,5 x 10	76,5	Ø 16	G1/4	40	80
683 - 6	70	151	74	12	112	100	112		45	51-53	73	164	245	32	M12	549		10,5 x 11,5	97	Ø 20	G1/4	50	100

811



MODEL NO	F1 (N)	F3 (N)	Fi	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1:Fi)	
811-1	1000	2500	27:1	700
811-2	3500	4500	36:1	1060
811-3	4000	6000	38:1	1600

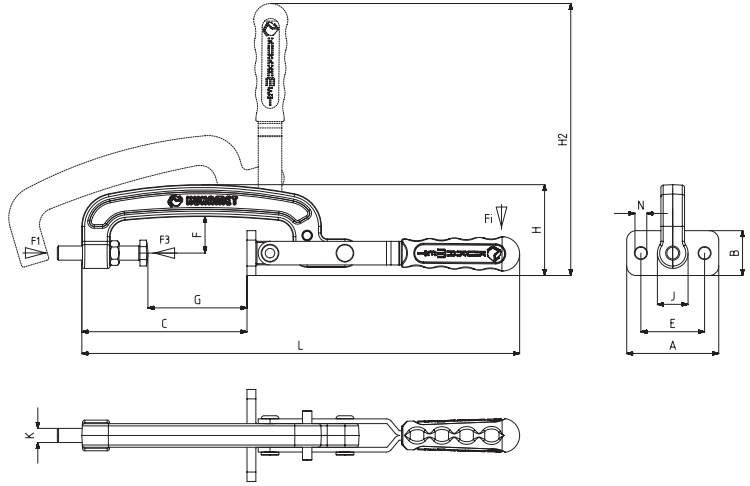
F1 : BASKI KUVVETİ (EXERTING FORCE), F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY),
Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Yatay Tabanlı Body Mounting Base: Horizontal

Ürün özellikleri;
Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.
Clamp çenesi sıcak dövme çelikten yapılmıştır.
Diğer parçaları çelik malzemeden üretilmiş ve korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features;
The products are strong and suited for heavy duty applications.
The clamping jaw is made of hot forged steel.
The remaining parts are made of galvanized steel for corrosion resistance.



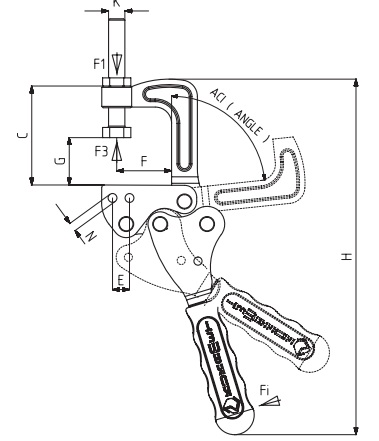
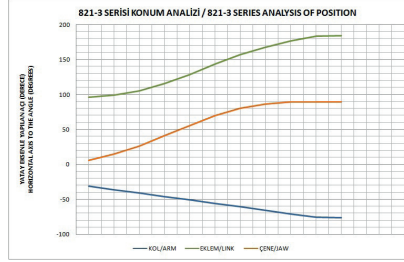
MODEL NO	A	B	C	D	E	F	G Min.	G Max.	H	H2	J	K	L	M	N
811-1	58	38	77		40	24	23	50	60	204	16	M8	282		Ø 8
811-2	68	38	110		45	28	46	80	69	217	20	M10	330		Ø 8
811-3	78	38	140		54	31	53	100	77	230	26	M12	372		Ø 10

821



MODEL NO	F1 (N)	F3 (N)	Fi	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1:Fi)		
821-2	3500	4000	9:1	85°	810

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ürün özellikleri;
Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.
Clamp çenesi sıcak dövme çelikten yapılmıştır.
Diğer parçaları çelik malzemeden üretilmiş ve korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features;
The products are strong and suited for heavy duty applications.
The clamping jaw is made of hot forged steel.
The remaining parts are made of galvanized steel for corrosion resistance.

Ayak Tipi: Dikey Tabanlı
Body Mounting Base: Vertical

MODEL NO	A	B	C	D	E	F	G min.	G max.	H	J	K	L	M	N
821-2		15	72		12.5	31	0	50	261		M12	107		6.5

822

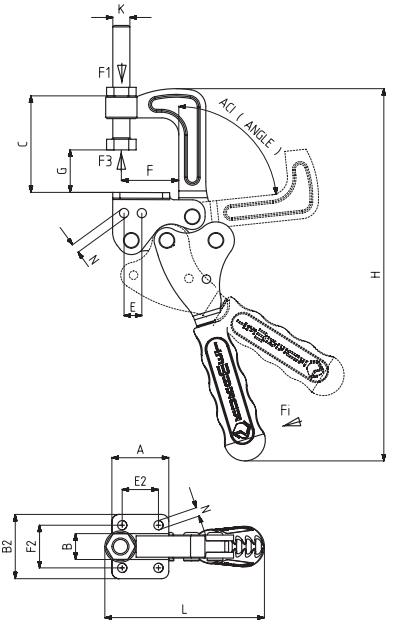


MODEL NO	F1 (N)	F3 (N)	Fi	AÇI (ANGLE) (± 5 °)	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1:Fi)		
822-2	3500	4000	9:1	85°	830

F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) , Fi : UYGULAMA KUVVETİ (APPLIED FORCE)

Ürün özellikleri;
Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.
Clamp çenesi sıcak dövme çelikten yapılmıştır.
Diğer parçaları çelik malzemeden üretilmiş ve korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features;
The products are strong and suited for heavy duty applications.
The clamping jaw is made of hot forged steel.
The remaining parts are made of galvanized steel for corrosion resistance.



Ayak Tipi: Yatay Tabanlı
Body Mounting Base: Horizontal

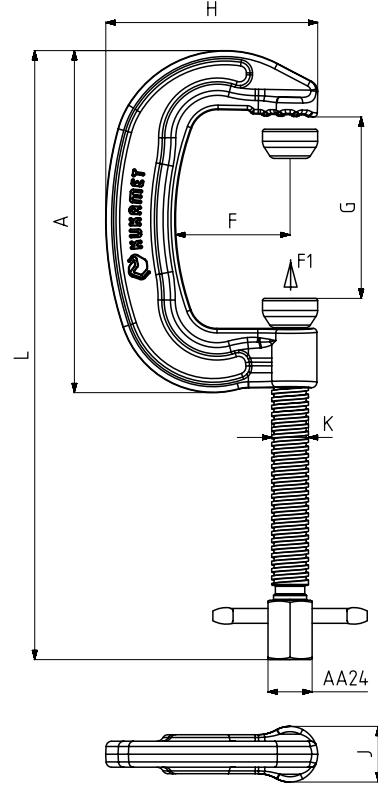
MODEL NO	A	B	B2	C	D	E	E2	F	F2	G min.	G max.	H	J	K	L	M	N
822-2	40	15	45	68		12.5	25.5	31	30	0	50	261		M12	107		6.5

831



MODEL NO	F1 (N)	AĞIRLIK (WEIGHT) (gr)
831-2	8000	1610
831-3	8000	2300

F1 : BASKI KUVVETİ (EXERTING FORCE)



Ayak Tipi: Yatay Tabanlı Body Mounting Base: Horizontal

Ürün özellikleri ;
Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.
Clamp çenesi sıcak dövme çelikten yapılmıştır ve civata dişleri ovalamadır.
Diğer parçaları çelik malzemeden üretilmiş ve korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features;
The products are strong and suited for heavy duty applications.
The clamping jaw is made of hot forged steel.
The remaining parts are made of galvanized steel for corrosion resistance.

MODEL NO	A	F	G Min.	G Max.	H	J	K	L Min.	L Max.
831-2	184	62	0	90	115	30	TR20	235	325
831-3	257	73,6	0	140	139	30	TR20	300	440



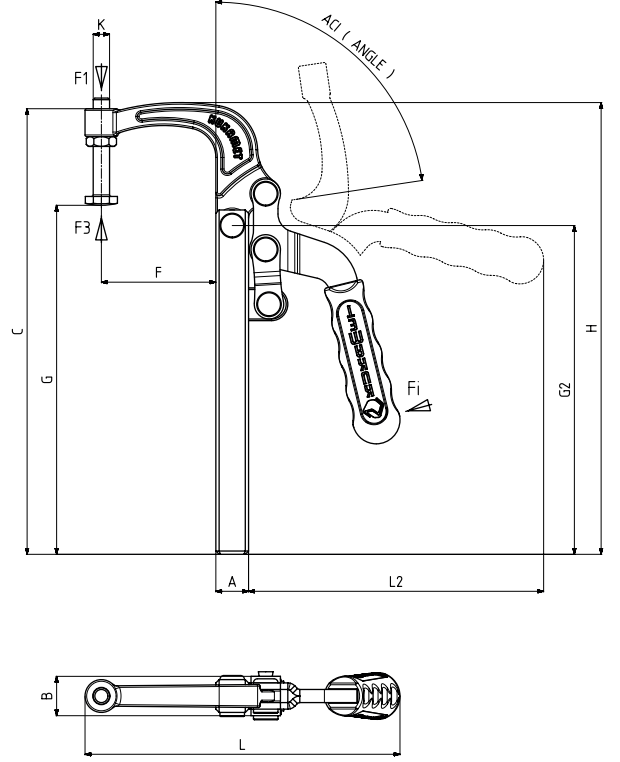
841



new

MODEL NO	F1 (N)	F3 (N)	Fi	AÇI (ANGLE)	AĞIRLIK (WEIGHT) (gr)
			VERİM (YIELD) (F1:Fi)		
841-2	3500	4000	9:1	82°	1320

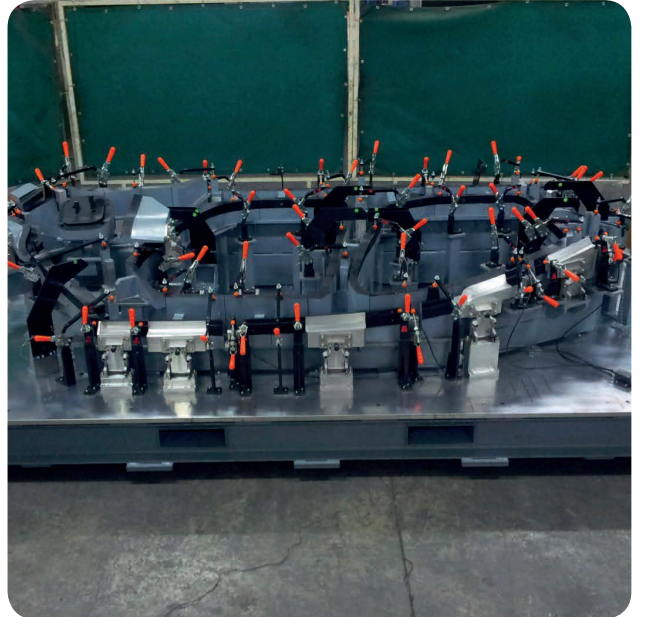
F1 : BASKI KUVVETİ (EXERTING FORCE) , F3 : TUTMA KAPASİTESİ (HOLDING CAPACITY) ,
Fi : UYGULAMA KUVVETİ (APPLIED FORCE)



Ayak Tipi: Lamalı Taban Body Mounting Base: With mounting bar

Ürün özellikleri;
Ağır iş uygulamalarında kullanıma uygun mukavemetli ürünlerdir.
Clamp çenesi sıcak dövme çelikten yapılmıştır.
Diğer parçaları çelik malzemeden üretilmiş ve korozyon direnci için galvaniz kaplama yapılmıştır.

Product Features;
The products are strong and suited for heavy duty applications.
The clamping jaw is made of hot forged steel.
The remaining parts are made of galvanized steel for corrosion resistance.



MODEL NO	A	B	C	D	E	F	G min.	G max.	G2	H	J	K	L	L2	M	N
841-2	20 x 20	24	272			70	205	248	200	275		M10	193	180		

6011

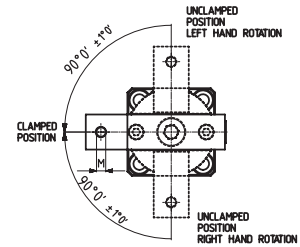
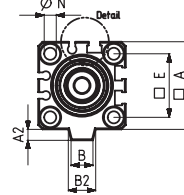
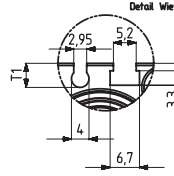
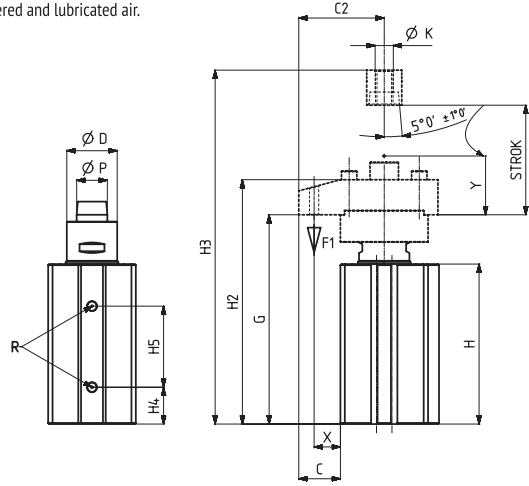


MODEL NO	F1 (N)	Vn (dm ³)	STROK	AĞIRLIK (WEIGHT) (gr)	BAR
6011 - 25R	200	0,1	28	360	6
6011 - 25L	200	0,1	28	360	6
6011 - 32R	300	0,23	26	600	6
6011 - 32L	300	0,23	26	600	6
6011 - 40R	600	0,4	26	780	6
6011 - 40L	600	0,4	26	780	6
6011 - 50R	900	0,96	38	1430	6
6011 - 50L	900	0,96	38	1430	6

F1 : BASKI KUVVETİ (EXERTING FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

Not: Filtrelenmiş ve yağlanmış hava kullanılmalıdır.
Note: Operate only with filtered and lubricated air.



DÖNER TİP PNÖMATİK BAĞLANTI ELEMANI - KARE GÖVDE

- Silindir çift etkili ve manyettiktir.
- Gövde mukavemetli alüminyumdan üretilmiştir. Korozyon direnci için eloksal kaplama yapılmıştır.
- Piston milini yüksek aşınma ve korozyon direnci için sert krom kaplama yapılmış ve parlatılmıştır.
- Piston milini, koruma adaptörü sayesinde kaynak çapakları ve dış etkenlerden korunmaktadır.
- Piston konumunu izlemek için, gövde üzerinde "T" tip ve "C" tip sensörlere uygun kanallar mevcuttur.

Aksesuarlar : (fiyata dahil değildir)

- 1-) Piston milini koruma adaptörü (6010-5)
- 2-) Koruma adaptörü için sıkma kolu (6010-6)
- 3-) Baskı ucu (911, 912, 913, 914, 915, 916)

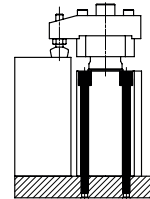
PNEUMATIC SWING CLAMP - SQUARE BODY

- Cylinder is double acting and magnetic.
- The body is made of strength aluminum. Anodised for Corrosion resistance.
- The piston rod is hard chrome plated and shapely polished for to high wear resistance and corrosion resistance.
- Piston rod, protected against welding spatter and external factors through the protection adapter.
- There are slots on the body, according to T type and C type sensors, for monitoring the position of piston.

Accessories : (not included in the price)

- 1-) Piston rod protection adapter. (6010-5)
- 2-) Squeezing arm for protection adapter (6010-6)
- 3-) Squeeze part (911,912,913,914,915,916)

Montaj seçenekleri Mounting options



- Gövde üzerindeki deliklerden imbus civata (DIN 912) ile yukarıdan montaj.
- Mounting from above with socket bolt (DIN 912) through to holes on the body.

MODEL NO	A	A2	B	B2	C	C2	D	E	G	H	H2	H3	H4	H5	K	M	N	P	R	T	T1	X	Y	PİSTON Ø
6011 - 25R	40	4	10,5	12,5	19	39	24	29	100	76	116	154	16	47	M8	M6	5,5	14	M5	5	5,5	12	12	25
6011 - 25L	40	4	10,5	12,5	19	39	24	29	100	76	116	154	16	47	M8	M6	5,5	14	M5	5	5,5	12	12	25
6011 - 32R	45	4,5	14,5	16,5	32,5	55	29	34	115	82,5	138	175	21	48	M10	M8	5,5	16	G1/8	4,5	5,5	22,5	10	32
6011 - 32L	45	4,5	14,5	16,5	32,5	55	29	34	115	82,5	138	175	21	48	M10	M8	5,5	16	G1/8	4,5	5,5	22,5	10	32
6011 - 40R	55	5	19,5	24	27,5	55	29	40	115	82,5	137	175	21	48	M10	M8	5,5	16	G1/8	6,5	7	17,5	10	40
6011 - 40L	55	5	19,5	24	27,5	55	29	40	115	82,5	137	175	21	48	M10	M8	5,5	16	G1/8	6,5	7	17,5	10	40
6011 - 50R	64	6	20	23	43	75	37	50	149	105	174	228	20	66	M12	M10	6,5	20	G1/8	6	6,5	33	16	50
6011 - 50L	64	6	20	23	43	75	37	50	149	105	174	228	20	66	M12	M10	6,5	20	G1/8	6	6,5	33	16	50

Not: Döner Tip Bağlantı Elemanları, sadece "Y" stroğu sırasında sıkma yapabilir.

Note: Swing clamps can squeezing only during the "Y" stroke.

6012



MODEL NO	F1 (N)	Vn (dm ³)	STROK	AĞIRLIK (WEIGHT) (gr)	BAR
6012 - 25R	170	0,15	28	400	6
6012 - 25L	170	0,15	28	400	6
6012 - 32R	270	0,28	30	670	6
6012 - 32L	270	0,28	30	670	6
6012 - 40R	450	0,47	30	950	6
6012 - 40L	450	0,47	30	950	6
6012 - 50R	700	0,76	36	1600	6
6012 - 50L	700	0,76	36	1600	6

F1 : BASKI KUVVETİ (EXERTING FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

Not: Filtrelenmiş ve yağlanmış hava kullanılmalıdır.
Note: Operate only with filtered and lubricated air.



DÖNER TİP PNÖMATİK BAĞLANTI ELEMANI - BLOK GÖVDE

- Silindir çift etkili ve manyetikdir.
 - Gövde mukavemetli alüminyumdan üretilmiştir. Korozyon direnci için eloksallı kaplama yapılmıştır.
 - Piston milini yüksek aşınma ve korozyon direnci için sert krom kaplama yapılmış ve parlatılmıştır.
 - Piston konumunu izlemek için, gövde üzerinde "T" tip sensörlere uygun kanallar mevcuttur.
- Aksesuarlar : (fiyata dahil değildir)
- 1-) Sıkma kolu (6010-1)
 - 2-) Sıkma kolu (6010-7)
 - 3-) Baskı ucu (911,912,913,914,915,916)

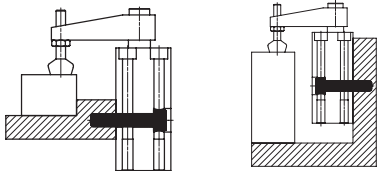
PNEUMATIC SWING CLAMP - BLOCK BODY

- Cylinder is double acting and magnetic.
- The body is made of strength aluminum. Anodized for Corrosion resistance.
- The piston rod is hard chrome plated and shapely polished for to high wear resistance and corrosion resistance.
- There are slots on the body, according to T type sensors, for monitoring the position of piston.

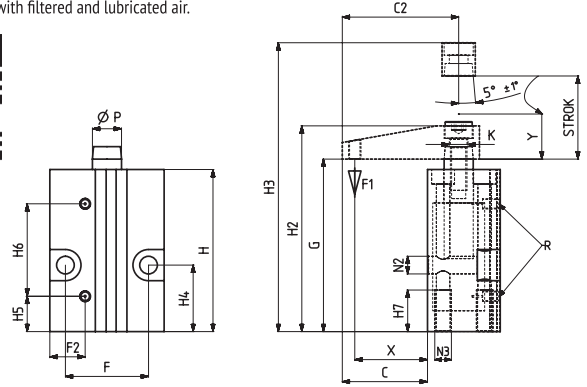
Accessories : (not included in the price)

- 1-) Squeezing arm (6010-1)
- 2-) Squeezing arm (6010-7)
- 3-) Squeeze part (911,912,913,914,915,916)

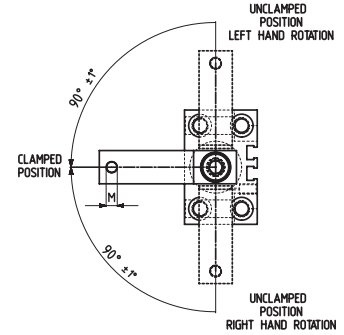
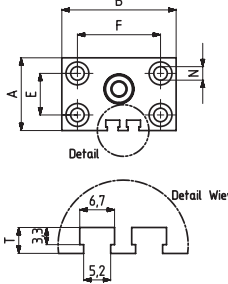
Montaj seçenekleri Mounting options



- 1- Gövde ön ve arka yüzeyindeki delikler kullanılarak montaj.
- 1- Mounting through to holes on the front and rear surface of body.



SIZE = 25 - 32 - 40 - 50



- 2- Gövde üst yüzeyindeki deliklerden imbus civata (DIN 912) ile yukarıdan montaj.
- 2- Mounting from above with socket bolt (DIN 912) through to holes on the top surface of body

- 3- Gövde alt yüzeyindeki, klavuz çekilmiş delikler kullanılarak montaj.
- 3- Mounting through to tapped holes on the lower surface of body.

MODEL NO	A	B	C	C2	E	F	F2	G	H	H2	H3	H4	H5	H6	H7	K	M	N	N2	N3	P	R	T	X	Y	PİSTON Ø
6012 - 25R	35	55	41	56	20	40	17	85	80	101	129	32	16	47	20	M8	M6	6,5	8,5	M8	14	M5	5	35	12	25
6012 - 25L	35	55	41	56	20	40	17	85	80	101	129	32	16	47	20	M8	M6	6,5	8,5	M8	14	M5	5	35	12	25
6012 - 32R	45	60	50	70	30	45	18	100	92	120	150	43	21	52	20	M8	M8	6,5	8,5	M8	16	G1/8	6,5	40	10	32
6012 - 32L	45	60	50	70	30	45	18	100	92	120	150	43	21	52	20	M8	M8	6,5	8,5	M8	16	G1/8	6,5	40	10	32
6012 - 40R	55	70	55	80	37	52	22	100	92	120	150	40	21	52	25	M8	M8	8,5	8,5	M10	16	G1/8	7,5	45	10	40
6012 - 40L	55	70	55	80	37	52	22	100	92	120	150	40	21	52	25	M8	M8	8,5	8,5	M10	16	G1/8	7,5	45	10	40
6012 - 50R	65	85	58,5	90	46	66	25	110	104,5	135	171	45	20	64	30	M10	M12	8,5	10,5	M10	20	G1/8	6	48,5	15	50
6012 - 50L	65	85	58,5	90	46	66	25	110	104,5	135	171	45	20	64	30	M10	M12	8,5	10,5	M10	20	G1/8	6	48,5	15	50

Not: Döner Tip Bağlantı Elemanları, sadece "Y" stroğu sırasında sıkma yapılabilir.
Note: Swing clamps can squeeze only during the "Y" stroke.

6013



MODEL NO	F1 (N)	Vn (dm ³)	STROK	AĞIRLIK (WEIGHT) (gr)	BAR
6013 - 25R	170	0,14	28	300	6
6013 - 25L	170	0,14	28	300	6
6013 - 32R	270	0,28	30	480	6
6013 - 32L	270	0,28	30	480	6
6013 - 40R	450	0,47	30	560	6
6013 - 40L	450	0,47	30	560	6
6013 - 50R	700	0,74	36	1000	6
6013 - 50L	700	0,74	36	1000	6

F1 : BASKI KUVVETİ (EXERTING FORCE)

Vn, 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn, AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

Not: Filtrelenmiş ve yağlanmış hava kullanılmalıdır.
Note: Operate only with filtered and lubricated air.



DÖNER TİP PNÖMATİK BAĞLANTI ELEMANI - YUVARLAK GÖVDE

- Silindir çift etkilidir.
- Gövde mukavemetli alüminyumdan üretilmiştir. Korozyon direnci için eloksal kaplama yapılmıştır.
- Piston mili yüksek aşınma ve korozyon direnci için sert krom kaplama yapılmış ve parlatılmıştır.

Aksesuarlar : (fiyata dahil değildir)

- 1-) Sıkma kolu (6010-1)
- 2-) Sıkma kolu (6010-7)
- 3-) Bağlantı somunu (6010-3)
- 4-) Bağlantı flanşı (6010-4)
- 5-) Baskı ucu (911,912,913,914,915,916)

PNEUMATIC SWING CLAMP – ROUND BODY

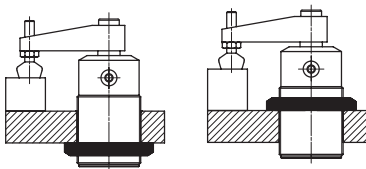
- Cylinder is double acting.
- The body is made of strength aluminum. Anodised for Corrosion resistance.
- The piston rod is hard chrome plated and shapely polished for to high wear resistance and corrosion resistance.

Accessories : (not included in the price)

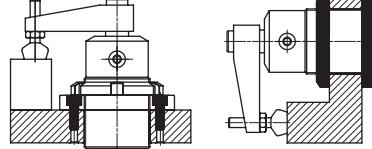
- 1-) Squeezing arm (6010-1)
- 2-) Squeezing arm (6010-7)
- 3-) Connection nut (6010-3)
- 4-) Connection flange (6010-4)
- 5-) Squeeze part (911,912,913,914,915,916)

Montaj seçenekleri

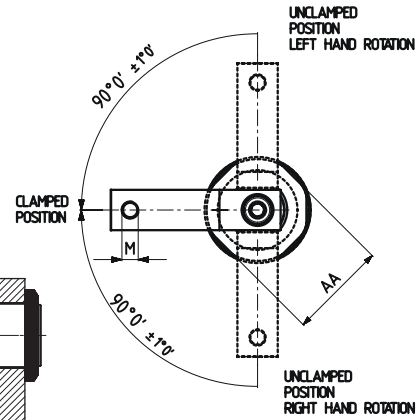
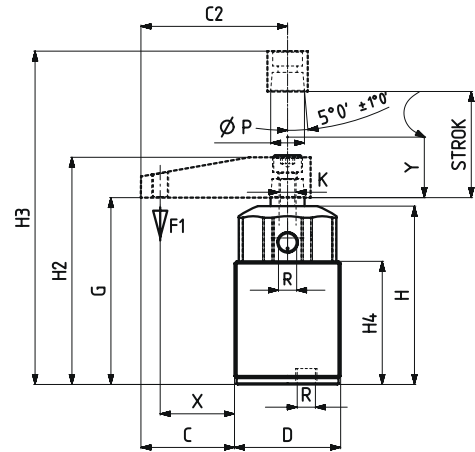
Mounting options



1- Bağlantı somunu ile montaj (6010-3)
1- Mounting with connection nut



2- Bağlantı flanşı ile montaj (6010-4)
2- Mounting with connection flange



MODEL NO	AA	C	C2	D	G	H	H2	H3	H4	K	M	P	R	X	Y	PISTON Ø
6013 - 25R	36	36	56	M 40 x 1,5	78	74	94	122	50	M8	M6	14	M5	30	12	25
6013 - 25L	36	36	56	M 40 x 1,5	78	74	94	122	50	M8	M6	14	M5	30	12	25
6013 - 32R	46	45	70	M 50 x 1,5	89	84	109	139	58	M8	M8	16	G1/8	35	12	32
6013 - 32L	46	45	70	M 50 x 1,5	89	84	109	139	58	M8	M8	16	G1/8	35	12	32
6013 - 40R	50	52,5	80	M 55 x 1,5	89	84	109	139	58	M8	M8	16	G1/8	42,5	12	40
6013 - 40L	50	52,5	80	M 55 x 1,5	89	84	109	139	58	M8	M8	16	G1/8	42,5	12	40
6013 - 50R	60	57,5	90	M 65 x 1,5	103	97	128	164	70	M10	M12	20	G1/8	47,5	15	50
6013 - 50L	60	57,5	90	M 65 x 1,5	103	97	128	164	70	M10	M12	20	G1/8	47,5	15	50

Not: Döner Tip Bağlantı Elemanları, sadece "Y" stroğu sırasında sıkma yapılabilir.
Note: Swing clamps can squeeze only during the "Y" stroke.

6014



MODEL NO	F1 (N)	Vn (dm ³)	STROK	AĞIRLIK (WEIGHT) (gr)	BAR
6014 - 25R	170	0,15	28	400	6
6014 - 25L	170	0,15	28	400	6
6014 - 32R	270	0,28	30	710	6
6014 - 32L	270	0,28	30	710	6
6014 - 40R	450	0,47	30	785	6
6014 - 40L	450	0,47	30	785	6
6014 - 50R	700	0,78	36	1160	6
6014 - 50L	700	0,78	36	1160	6

F1 : BASKI KUVVETİ (EXERTING FORCE)

Vn , 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn , AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

Not: Filtrelenmiş ve yağlanmış hava kullanılmalıdır.

Note: Operate only with filtered and lubricated air.



DÖNER TİP PNÖMATİK BAĞLANTI ELEMANI - FLANŞ BAĞLANTILI GÖVDE

- Silindirik çift etkilidir.
- Gövde mukavemetli alüminyumdan üretilmiştir. Korozyon direnci için eloksal kaplama yapılmıştır.
- Piston milii yüksek aşınma ve korozyon direnci için sert krom kaplama yapılmış ve parlatılmıştır.

Aksesuarlar : (fiyata dahil değildir)

- 1-) Sıkma kolu (6010-1)
- 2-) Sıkma kolu (6010-7)
- 3-) Bağlantı somunu (6010-3)
- 4-) Bağlantı flanşı (6010-4)
- 5-) Baskı ucu (911,912,913,914,915,916)

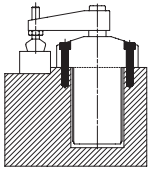
PNEUMATIC SWING CLAMP - FLANGE MOUNTING BODY

- Cylinder is double acting
- The body is made of strength aluminum. Anodised for Corrosion resistance.
- The piston rod is hard chrome plated and shapely polished for to high wear resistance and corrosion resistance.

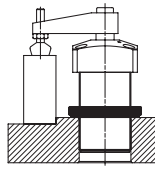
Accessories : (not included in the price)

- 1-) Squeezing arm (6010-1)
- 2-) Squeezing arm (6010-7)
- 3-) Connection nut (6010-3)
- 4-) Connection flange (6010-4)
- 5-) Squeeze part (911,912,913,914,915,916)

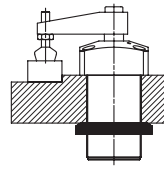
Montaj seçenekleri Mounting options



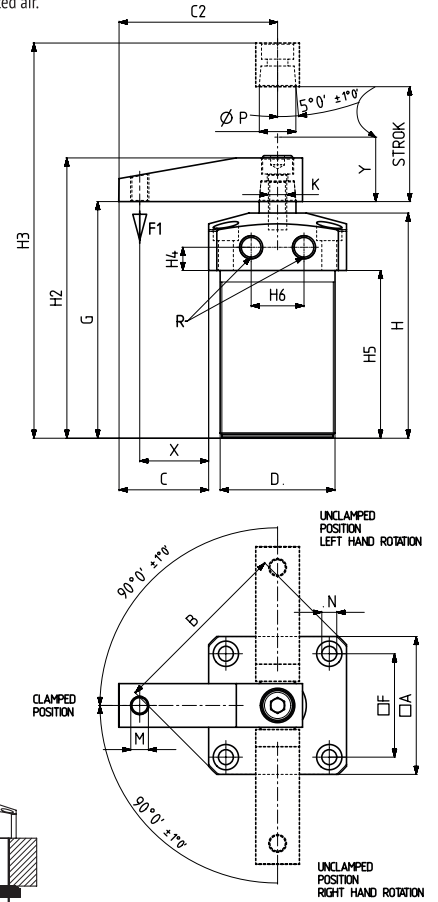
1-Flanş sayesinde imbus civata (DIN 912) ile yukarıdan montaj.
1-Mounting from above with imbus bolt through the flange



2- Gövdeyi klavuz çekilmiş bir delik içine vidalama ve bağlantı somunu ile sıkarak montaj (6010-3)
2-By screwing the body into a tapped hole and mounting with connection nut (6010-3)



3- Gövde düz bir delik içine yerleştirerek, bağlantı somunları ile aşağıdan ve yukarıdan sıkarak montaj (6010-3)
3-By inserting the body into a plain hole and mounting with connection nuts, from above and from below (6010-3)



MODEL NO	A	B	C	C2	D	F	G	H	H2	H3	H4	H5	H6	K	M	ØN	P	R	X	Y	PİSTON Ø
6014 - 25R	50	66	31	56	M 40 x 1,5	37	92	87	108	136	12	62	21	M8	M6	5,5	14	M5	25	12	25
6014 - 25L	50	66	31	56	M 40 x 1,5	37	92	87	108	136	12	62	21	M8	M6	5,5	14	M5	25	12	25
6014 - 32R	60	80	40	70	M 50 x 1,5	45	105	100	125	155	10	73	23	M8	M8	6,5	16	G1/8	30	10	32
6014 - 32L	60	80	40	70	M 50 x 1,5	45	105	100	125	155	10	73	23	M8	M8	6,5	16	G1/8	30	10	32
6014 - 40R	65	85	47,5	80	M 55 x 1,5	50	105	100	125	155	10	73	26	M8	M8	6,5	16	G1/8	37,5	10	40
6014 - 40L	65	85	47,5	80	M 55 x 1,5	50	105	100	125	155	10	73	26	M8	M8	6,5	16	G1/8	37,5	10	40
6014 - 50R	75	100	52,5	90	M 65 x 1,5	58	111	106	136	172	11	79	30	M10	M12	8,5	20	G1/8	42,5	15	50
6014 - 50L	75	100	52,5	90	M 65 x 1,5	58	111	106	136	172	11	79	30	M10	M12	8,5	20	G1/8	42,5	15	50

Not: Döner Tip Bağlantı Elemanları, sadece "Y" stroğu sırasında sıkma yapılabilir.

Note: Swina clamps can squeeze only during the "Y" stroke.

6015

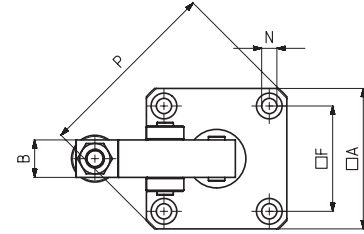
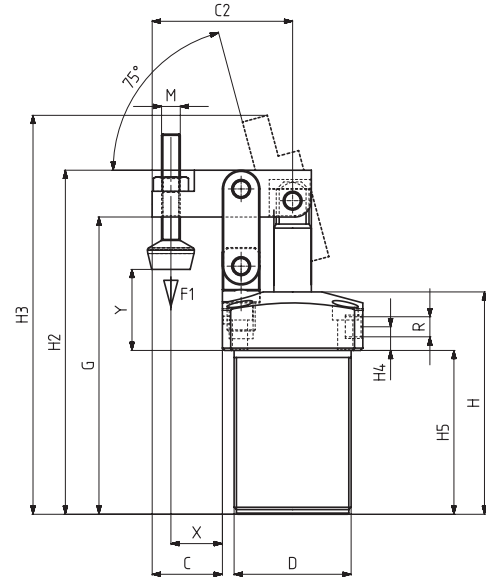


MODEL NO	F1 (N)	Vn (dm ³)	BASKI VİDASI (SQUEEZE SCREW)	AĞIRLIK (WEIGHT) (gr)	BAR
6015 - 25	200	0,13	M6 x 40	600	6
6015 - 32	300	0,25	M8 x 50	950	6
6015 - 40	500	0,46	M8 x 50	1100	6
6015 - 50	700	0,79	M12 x 80	1707	6

F1 : BASKI KUVVETİ (EXERTING FORCE)

Vn, 6 BAR BASINÇTA ÇİFT HAREKET İÇİN HAVA TÜKETİM MİKTARIDIR (Vn, AIR CONSUMPTION PER DOUBLE STROKE IN dm³ AT 6 BAR)

Not: Filtrelenmiş ve yağlanmış hava kullanılmalıdır.
Note: Operate only with filtered and lubricated air.



PNÖMATİK BAĞLANTI ELEMANI - FLANŞ BAĞLANTILI GÖVDE

- Silindir çift etkilidir.
- Gövde mukavemetli alüminyumdan üretilmiştir. Korozyon direnci için eloksal kaplama yapılmıştır.
- Piston milii yüksek aşınma ve korozyon direnci için sert krom kaplama yapılmış ve parlatılmıştır.
- Mekanizma parçaları çelik malzemeden üretilmiş ve korozyon direnci için fosfat kaplama yapılmıştır.

Aksesuarlar : (fiyata dahil değildir)

- 1-) Bağlantı somunu (6010-3)
- 2-) Bağlantı flanşı (6010-4)
- 3-) Baskı ucu (911, 912, 913, 914, 915, 916)

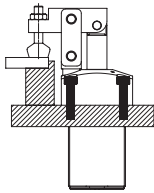
PNÖMATİK TOGGLE CLAMP - FLANGE MOUNTING BODY

- Cylinder is double acting.
- The body is made of strength aluminum.
- Anodised for Corrosion resistance.
- The piston rod is hard chrome plated and shapely polished for to high wear resistance and corrosion resistance.
- Parts of the mechanism are made of steel and phosphate coated for corrosion resistance.

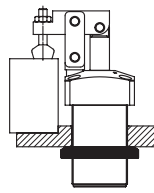
Accessories : (not included in the price)

- 1-) Connection nut (6010-3)
- 2-) Connection flange (6010-4)
- 3-) Squeeze part (911,912,913,914,915,916)

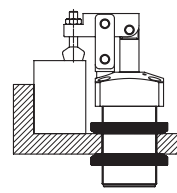
Montaj seçenekleri Mounting options



1-Flanş sayesinde imbus crvata (DIN 912) ile yukarıdan montaj.
1- Mounting from above with imbus bolt through the flange. (DIN 912)



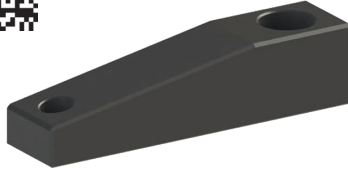
2- Gövdeyi klavuz çekilmiş bir delik içine vidalama ve bağlantı somunu ile sıkarak montaj (6010-3)
2- By screwing the body into a tapped hole and mounting with connection nut (6010-3)



3- Gövde düz bir delik içine yerleştirerek, bağlantı somunları ile aşağıdan ve yukarıdan sıkarak montaj (6010-3)
3- By inserting the body into a plain hole and mounting with connection nuts, from above and from below (6010-3)

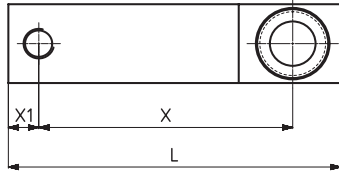
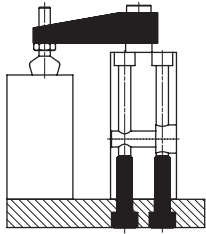
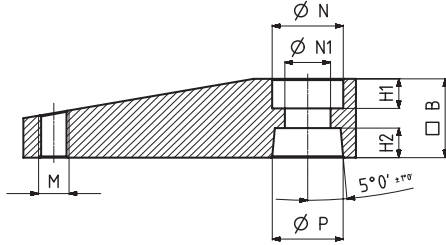
MODEL NO	A	B	C	C2	D	F	G	H	H2	H3	H4	H5	M	ØN	P	R	X	Y Min	Y Max	PİSTON Ø
6015 - 25	50	16	25	50	M 40 x 1,5	37	114	87	134	148	12	62	M6	5,5	66	M5	16	20	39	25
6015 - 32	60	16	30	60	M 50 x 1,5	45	132	100	152	172	10	73	M8	6,5	80	G1/8	22	19	46	32
6015 - 40	65	16	35,5	68	M 55 x 1,5	50	132	100	156	181	10	73	M8	6,5	85	G1/8	23,5	22	47	40
6015 - 50	75	20	41,5	79	M 65 x 1,5	58	146	106	176	202	11	79	M12	8,5	100	G1/8	26	2	45	50

6010-1



Sıkma Kolu Squeezing Arm

Montaj seçenekleri
Mounting options.



NOT:

- Çelik malzemeden üretilmiş ve korozyon direnci için fosfat kaplama yapılmıştır.

Aksesuarlar : (fiyata dahil değildir)

1-) Baskı ucu (911, 912, 913, 914, 915, 916)

Sıkma kolunun montajı :

1-) Sıkma kolunu yaylı rondela ve civata ile piston mili üzerine tutturun.

2-) Sıkma kolunu çevirerek pozisyonunu ayarlayın.

3-) Anahtar ile sıkma kolunu tutup, civatayı sabitleyin.

Sıkma kolunun sökülmesi :

1-) Anahtar ile sıkma kolunu tutarak civatayı çözün.

2-) Aşağıdaki resimde görüldüğü şekilde, plastik çekiç ile alttan yukarı doğru hafifçe vurarak sıkma kolunu piston milinden ayırın.

Dikkat: Aşağıdaki resimde olduğu gibi, kesinlikle yandan darbe uygulanmamalıdır.

NOTE:

- Made of steel and phosphate coated for corrosion resistance.

Accessories : (not included in the price)

1-) Squeeze part (911,912,913,914,915,916)

Mounting of squeezing arm:

1-) Set up squeezing arm with spring washer and bolt on the piston rod.

2-) Turn squeezing arm into position.

3-) Hold clamping arm fixed with wrench and tighten bolt.

Squeezing arm removal:

1-) Hold clamping arm fixed with wrench and loosen bolt.

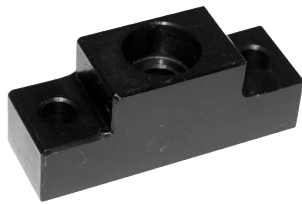
2-) As in the following picture, With light blows from below (plastic hammer), separate squeezing arm from the piston rod.

Caution!: As in the following picture, Definitely, from side blow should not be applied.

KOD	MODEL NO	B	H1	H2	L	M	ØN	ØN1	ØP	X	X1
6010-1-25	6012-6013-6014-6016-25	16	6	6,5	66	M6	14,7	8,5	14	50	6
6010-1-32	6012-6013-6014-6016-32	20	7	9	80	M8	14,7	8,5	16	60	10
6010-1-40	6012-6013-6014-6016-40	20	7	9	90	M8	14,7	8,5	16	70	10
6010-1-50	6012-6013-6014-6016-50	25	9	10	105	M12	18,5	10,5	20	80	10



6010-2



Sıkma Kolu Adaptörü Squeezing Arm Adapter

NOT:

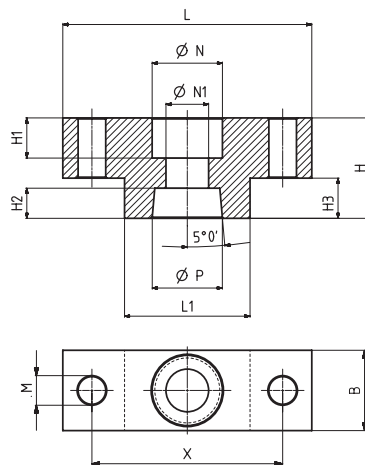
- Çelik malzemeden üretilmiş ve korozyon direnci için fosfat kaplama yapılmıştır.

- Özel yapıdaki sıkma kollarının montajı için kullanılır.

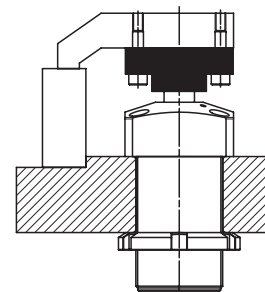
NOTE:

- Made of steel and phosphate coated for corrosion resistance.

- Used for mounting of special construction squeezing arm.



Montaj seçenekleri
Mounting options.



1-) Tek bir sıkıştırma kolu ve piston mili arasında bağlantı elemanı olarak montaj.

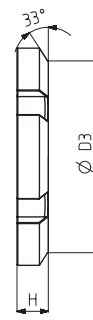
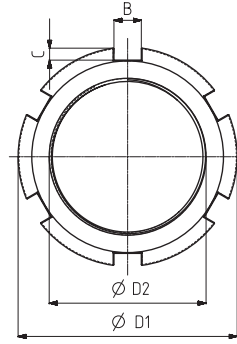
1-) Mounting as a connection element between an individual squeezing arm and the piston rod.

KOD	MODEL NO	B	H	H1	H2	H3	L	L1	M	ØN	ØN1	ØP	X
6010-2-25	6012-6013-6014-6016-25	16	20	8	6,5	8	50	25	5,5	14,5	8,5	14	38
6010-2-32-40	6012-6013-6014-6016-32-40	20	25	11	9	10	60	30	7	14,5	8,5	16	45
6010-2-50	6012-6013-6014-6016-50	25	30	14	10	12	65	30	9	18,5	10,5	20	48

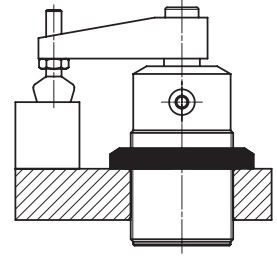
6010-3



Bağlantı Somunu (DIN 70852)
Connection Nut (DIN 70852)



Montaj seçenekleri
Mounting options.

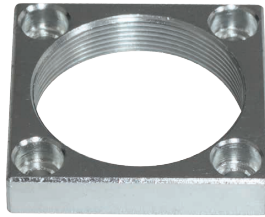


- 1-) Gövdeyi fiyestür üzerine sabitlemek için yukarıdan bağlantı somunu ile montaj.
- 2-) Sıkmak için kullanılacak anahtar DIN 1810 A

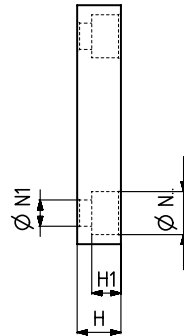
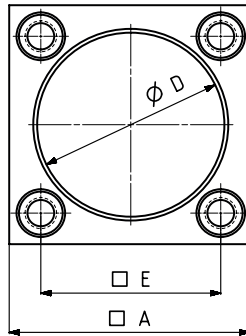
- 1-) Mounting with connection nut from above locking swing clamp on fixture.
- 2-) The key, will be used for squeeze DIN 1810 A

KOD	MODEL NO	B	C	ØD1	ØD2	ØD3	H
6010-3-25	6013-6014-6015-25	7	3,3	56	M 40 x 1,5	49	8
6010-3-32	6013-6014-6015-32	8	3,8	68	M 50 x 1,5	60	8
6010-3-40	6013-6014-6015-40	8	3,8	75	M 55 x 1,5	67	8
6010-3-50	6013-6014-6015-50	11	4,3	85	M 65 x 1,5	76	9

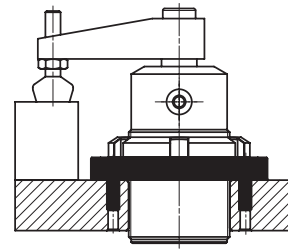
6010-4



Bağlantı Flaş
Connection Flange



Montaj seçenekleri
Mounting options.



- NOT:**
- Çelik malzemeden üretilmiştir ve korozyon direnci için galvaniz (Cr3) kaplama yapılmıştır.
Avantajları :
- Fiyestür üzerine diş açılmasına gerek kalmadan montaj imkanı sağlar.

Note : 6014 ve 6015 numaralı ürünlerin montaj deliklerinin merkezleri ile aynıdır.

- NOTE:**
- Made of steel and coated galvanized (Cr3) for corrosion resistance.
Advantages :
Avoids cutting a large thread on the fixture.

Note : The hole centers are the same with 6014 and 6015 coded products hole centers.

KOD	MODEL NO	A	E	ØD	H	H1	ØN	ØN1
6010-4-25	6013-6014-6015-25	50	37	M 40 x 1,5	10	6	9	5,5
6010-4-32	6013-6014-6015-32	60	45	M 50 x 1,5	12	7	11	6,5
6010-4-40	6013-6014-6015-40	70	50	M 55 x 1,5	12	7	11	6,5
6010-4-50	6013-6014-6015-50	80	58	M 65 x 1,5	15	9	13	8,5

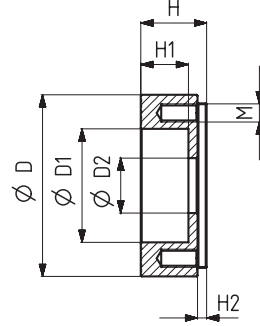
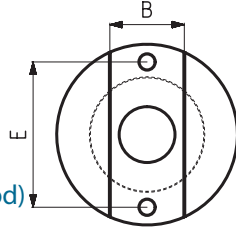
- 1-) Döner tip pnömatik bağlantı elemanını flaş içine vidalayarak montaj.
- 2-) Gövdeyi fiyestür üzerine kilitlemek için bağlantı somunu ile montaj.
- 3-) Flaş üzerindeki bağlantı delikleri kullanılarak montaj.

- 1-) Mounting with swing clamp screwed into flange.
- 2-) Mounting with connection nut for locking swing clamp on fixture.
- 3-) Mounting with connection holes on the flange.

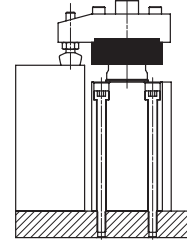
6010-5



Koruma Adaptörü
Protection Adapter (For Piston Rod)



Montaj seçenekleri
Mounting options.



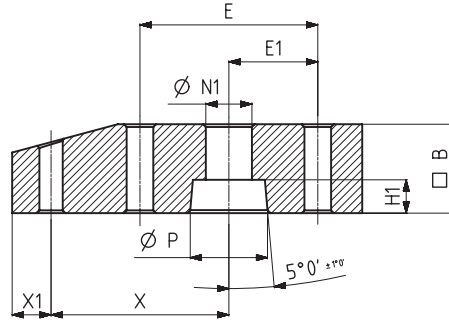
1-) Sadece 6011 numaralı ürünlerde kullanılmaya uygundur.
1-) Can be used for only 6011 series products.

KOD	MODEL NO	B	E	ØD	ØD1	ØD2	H	H1	H2	M
6010-5-25	6011-25	16,4	32	40	25	14,1	14,5	9,5	2	M4
6010-5-32 - 40	6011-32-40	22,6	41,4	50	32	16,1	18	11	3	M6
6010-5-50	6011-50	25,8	46,5	60	39	20,1	33	24	5	M6

6010-6



Sıkma Kolu (Koruma Adaptörü için)
Squeezing Arm (for protection adapter)

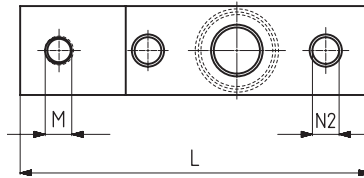


NOT:

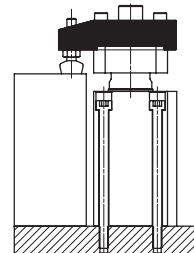
- Çelik malzemeden üretilmiştir ve korozyon direnci için fosfat kaplama yapılmıştır.

NOTE:

- Made of steel and phosphate coated for corrosion resistance.



Montaj seçenekleri
Mounting options.

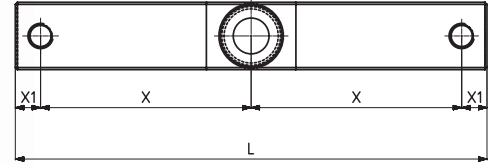
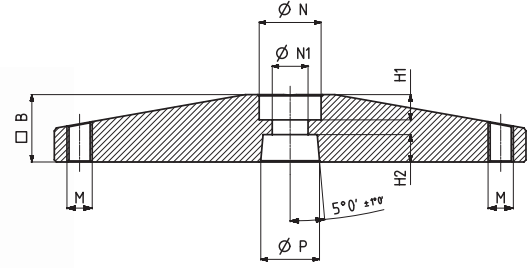


KOD	MODEL NO	B	E	E1	H1	L	M	ØN1	ØN2	ØP	X	X1
6010-6-25	6011-25	16	32	16	6,5	63	M6	8,5	4,5	14	32	7
6010-6-32 - 40	6011-32-40	22	41,4	20,7	9	82	M8	10,5	6,5	16	45	10
6010-6-50	6011-50	25	46,5	23,25	10	105	M10	12,5	6,5	20	65	10

6010-7



new



Sıkma Kolu Squeezing Arm

NOT:

- Çelik malzemeden üretilmiştir ve korozyon direnci için fosfat kaplama yapılmıştır.

Aksesuarlar : (fiyata dahil değildir)

1-) Baskı ucu (911, 912, 913, 914, 915, 916)

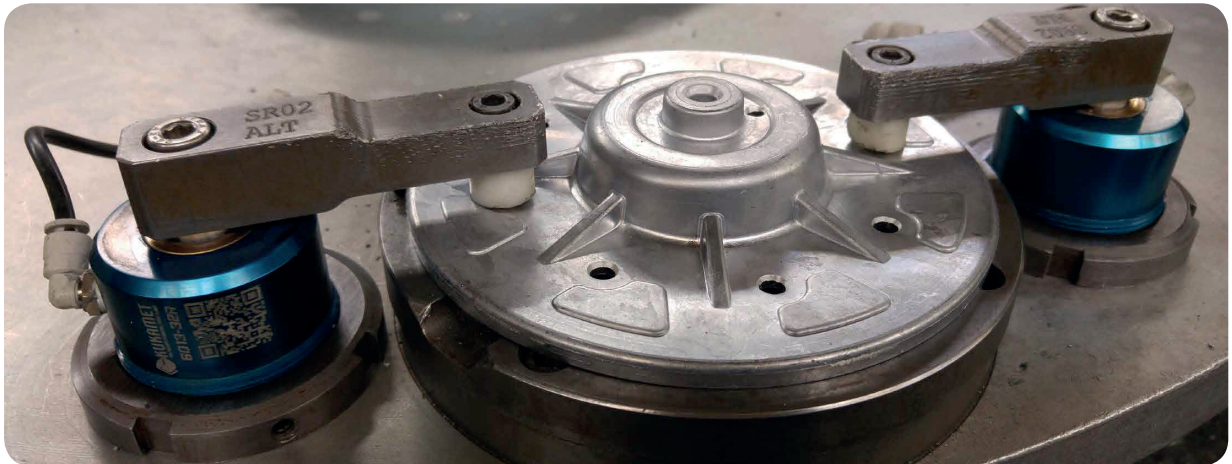
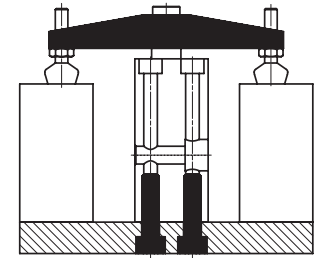
NOTE:

- Made of steel and phosphate coated for corrosion resistance.

Accessories : (not included in the price)

1-) Squeeze part(911,912,913,914,915,916)

Montaj seçenekleri Mounting options.

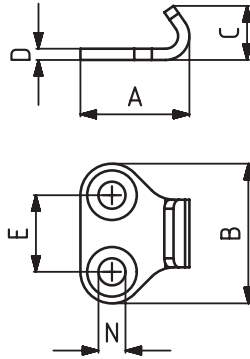


KOD	MODEL NO	B	H1	H2	L	M	ØN	ØN1	ØP	X	X1
6010-7-25	6012-6013-6014-6016-25	16	6	6,5	112	M6	14,7	8,5	14	50	6
6010-7-32	6012-6013-6014-6016-32	20	7	9	140	M8	14,7	8,5	16	60	10
6010-7-40	6012-6013-6014-6016-40	20	7	9	160	M8	14,7	8,5	16	70	10
6010-7-50	6012-6013-6014-6016-50	25	9	10	180	M12	18,5	10,5	20	80	10

361



Gerdirme Parçası
Stretcher Parts

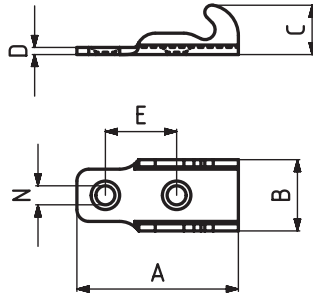


KOD	MODEL NO	PASLANMAZ (STAINLESS)	A	B	C	D	E	N
361-362-2-03	361-362-2	S-361-362-2	24	31	12	2,5	17	Ø 6

363



Gerdirme Parçası
Stretcher Parts

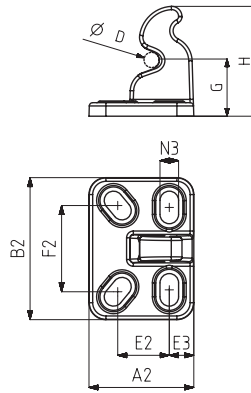


KOD	MODEL NO	PASLANMAZ (STAINLESS)	A	B	C	D	E	N
363-2-03	363-2	S-363-2	34	15	10,5	1,5	15	Ø 4

341



Gerdirme Parçası
Stretcher Parts

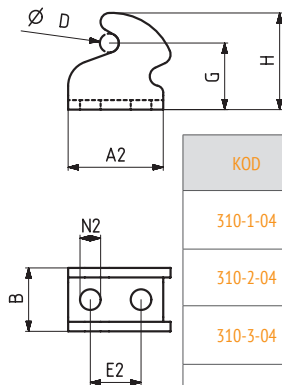


KOD	MODEL NO	A2	B2	D	G	H	E2	F2	N3
340-4-03	341-4	62	84	Ø10	33,5	65	28 - 33	45 - 57	11x19
340-5-03	341-5	66	84	Ø12	33,5	65	28 - 35	45 - 57	11x19

311



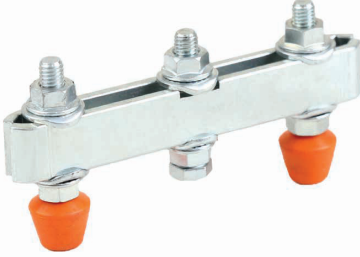
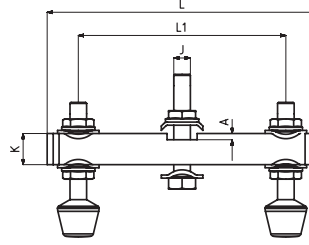
Gerdirme Parçası
Stretcher Parts



KOD	MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	A2	B	D	G	H	E2	N2
310-1-04	311 - 312 - 321 - 331 - 332 - 351 - 1	S 310-320-330-350-1-04	B 310-320-330-350-1-04	24,5	15,5	Ø 3,5	12,5	19	10	Ø 5
310-2-04	311 - 312 - 331 - 332 - 351 - 2	S 310-330-350-2-04	B 310-330-350-2-04	28,5	15,5	Ø 3,5	16,5	23	10 - 14	5,5x7,5
310-3-04	311 - 312 - 331 - 332 - 351 - 421 - 3	S 310-330-350-420-3-04	B 310-330-350-420-3-04	30	20	Ø 5,5	21	30,5	16	Ø 6,5
310- 4-5-04	311 - 312 - 331 - 332 - 351 - 4 - 5	S 310-330-350-4-5-04	B 310-330-350-4-5-04	45	28	Ø 7	27	39	18 - 21	8,5x10

931

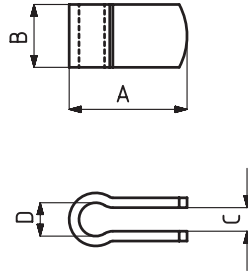
Çapraz Baskı Grubu
Squeeze Part With Double Point



MODEL NO	SİYAH (BLACK)	A	L	L1	J	K	(GR)
931-1	B 931 -	2,5	90	30-70	M5	10	75
931-2	B 931 -	2,5	110	30-80	M6	16	105
931-3	B 931 -	3	130	40-100	M8	20	210
931-4	B 931 -	4	160	50-120	M10	20	480
931-5	B 931 -	5	180	60-140	M12	25	750

941

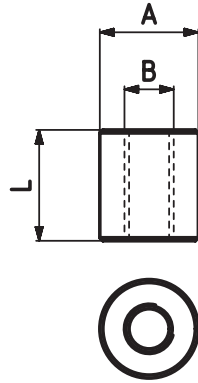
Lama U Bağlantı Grubu
Bolt Retainers



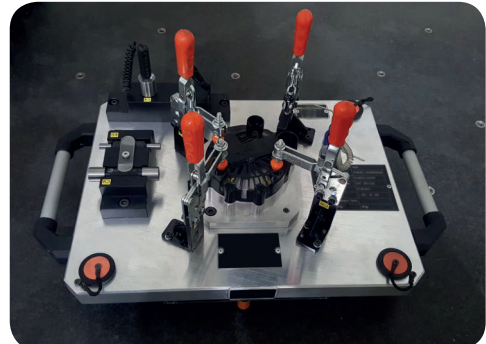
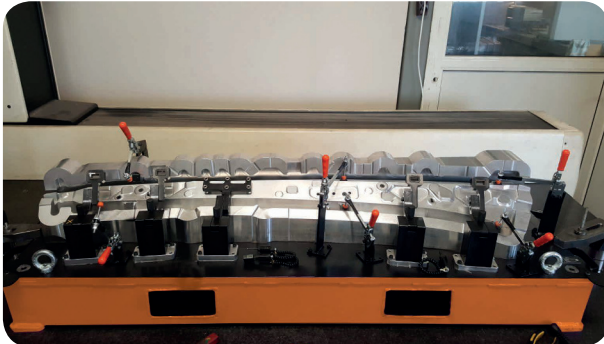
MODEL NO	SİYAH (BLACK)	PLS. UÇ	A	B	C	D
941 - 1	B 941 -	M5x35	25	10	5	Ø6,5
941 - 2	B 941 -	M6x40	25	13	5	Ø6,5
941 - 3	B 941 -	M8x50	30	16	6	Ø8,5
941 - 4	B 941 -	M10x70	37	20	8	Ø10,5
941 - 5	B 941 -	M12x80	40	25	10	Ø12,5

951

Lama Uç Bağlantı Grubu
Sleeve

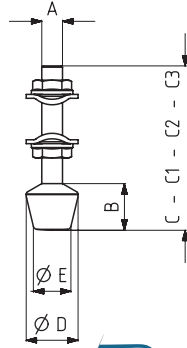


MODEL NO	SİYAH (BLACK)	A	B	L
951 - 1	B 951 -	Ø10	M5	12
951 - 2	B 951 -	Ø12	M6	15
951 - 3	B 951 -	Ø16	M8	18
951 - 4	B 951 -	Ø18	M10	22
951 - 5	B 951 -	Ø20	M12	27
951 - 6	B 951 -	Ø25	M12	32



911

Lastik Silikon Uç
Rubber Silicon Squeeze Part

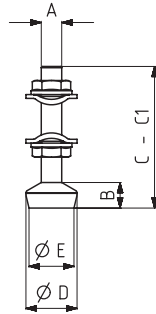


new

KOD	MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	A	B	C	D	E
150-181	911 - 0	S 911 - ...	B 911 - ...	M 4	7	31	10	8
150-547	911 - 0 - C1	S 911 - ...	B 911 - ...	M 4	7	65,5	10	8
150-99	911 - 1	S 911 - ...	B 911 - ...	M 5	10,5	43,5	12,5	9
150-545	911 - 1 - C1	S 911 - ...	B 911 - ...	M 5	10,5	68,5	12,5	9
150-86	911 - 2	S 911 - ...	B 911 - ...	M 6	14,5	50,5	16	10,5
150-245	911 - 2 - C1	S 911 - ...	B 911 - ...	M 6	14,5	110,5	16	10,5
150-246	911 - 2 - C2	S 911 - ...	B 911 - ...	M 6	14,5	130,5	16	10,5
150-546	911 - 2 - C3	S 911 - ...	B 911 - ...	M 6	14,5	70,5	16	10,5
150-87	911 - 3	S 911 - ...	B 911 - ...	M 8	18	63,5	20	14
150-247	911 - 3 - C1	S 911 - ...	B 911 - ...	M 8	18	83,5	20	14
150-283	911 - 3 - C2	S 911 - ...	B 911 - ...	M 8	18	143	20	14
150-88	911 - 4	S 911 - ...	B 911 - ...	M 10	23,5	87	26,5	17
150-217	911 - 4 - C1	S 911 - ...	B 911 - ...	M 10	23,5	125	26,5	17
150-116	911 - 5	S 911 - ...	B 911 - ...	M 12	27,25	100	30	21
150-354	911 - 5 - C1	S 911 - ...	B 911 - ...	M 12	27,25	130	30	21

916

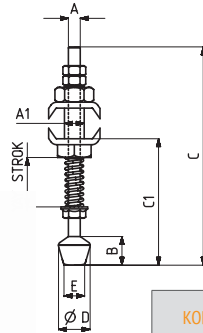
Lastik Silikon Uç
Rubber Silicon Squeeze Part



KOD	MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	A	B	C	D	E
150-324	916 - 0	S 916 - ...	B 916 - ...	M 4	5	29	10	9
150-526	916 - 0 - C1	S 916 - ...	B 916 - ...	M 4	5	64	10	9
150-263	916 - 1	S 916 - ...	B 916 - ...	M 5	7	40	12	10
150-588	916-1-C1	S 916 - ...	B 916 - ...	M 5	7	65	12	10
150-264	916 - 2	S 916 - ...	B 916 - ...	M 6	10	46	16	13
150-265	916 - 3	S 916 - ...	B 916 - ...	M 8	12	57	20	16
150-266	916 - 4	S 916 - ...	B 916 - ...	M 10	16	79	26	20
150-328	916 - 5	S 916 - ...	B 916 - ...	M 12	19	91	30	24

917

Yaylı Plastik Uç
Silicon Squeeze Part
With Spring



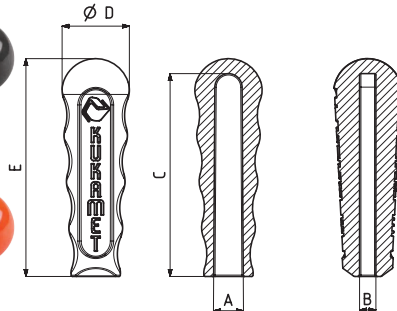
new



KOD	MODEL NO	PASLANMAZ (STAINLESS)	SİYAH (BLACK)	YAY STROK	A	A1	B	C	C1	D	E
150-545	917-3	S 917 - ...	B 917 - ...	8	M 5	M 8	10,5	68,5	35,5	12,5	9
150-246	917-4	S 917 - ...	B 917 - ...	14	M 6	M 10	14,5	130,5	55-93,5	16	10,5
150-283	917-5	S 917 - ...	B 917 - ...	19	M 8	M 12	18	143	69-88	20	14

921

Poliüretan Sap
Polyurethane Handle



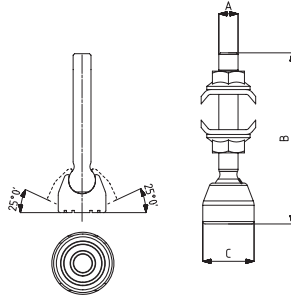
new

MODEL NO	SİYAH (BLACK)	A	B	C	D	E
921 - 0	B 921 - ...	6,5	3	26,5	10,5	29
921 - 1	B 921 - ...	11	4	54	17,5	58
921 - 2	B 921 - ...	11	5	54	23	60
921 - 3	B 921 - ...	11	6	74	25	80
921 - 4	B 921 - ...	18	6	94	29	100
			8			
			10			



912

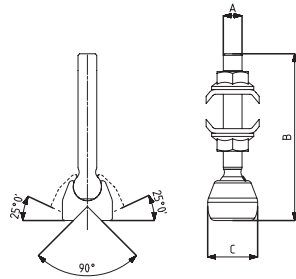
Metal Mafsal Uç
Swivel Metal
Foot Spindle



MODEL NO	AÇI (ANGLE)	A	B	C
912 - 2	25°	M6	53,5	Ø15
912 - 3	25°	M8	64,5	Ø20
912 - 4	25°	M10	90	Ø26,5
912 - 5	25°	M12	104	Ø30

913

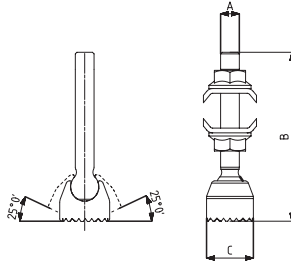
Metal V Mafsal Uç
V Grooved Swivel
Metal Foot Spindle



MODEL NO	AÇI (ANGLE)	A	B	C
913 - 2	25°	M6	53,5	Ø15
913 - 3	25°	M8	64,5	Ø20
913 - 4	25°	M10	90	Ø26,5
913 - 5	25°	M12	104	Ø30

914

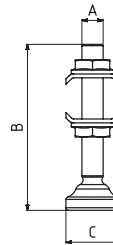
Metal Tırtır Mafsal Uç
Knurled Swivel
Metal Foot Spindle



MODEL NO	AÇI (ANGLE)	A	B	C
914 - 2	25°	M6	53,5	Ø15
914 - 3	25°	M8	64,5	Ø20
914 - 4	25°	M10	90	Ø26,5
914 - 5	25°	M12	104	Ø30

915

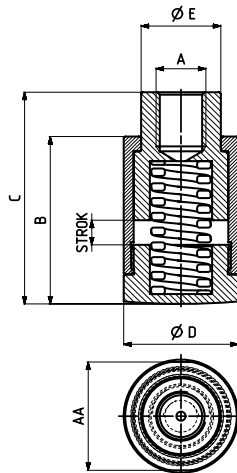
Metal Sabit Uç
Fixed Metal
Foot Spindle



MODEL NO	A	B	C
915-1	M5	43	Ø14
915-2	M6	53,5	Ø16
915-3	M8	64,5	Ø20
915-4	M10	86	Ø25
915-5	M12	98	Ø30

918

Yaylı Metal Uç
Metal Squeeze
Part With Spring



MODEL NO	F1 (N)	STROK	A	AA	B	C MİN. - MAX.	Ø D	Ø E
918 - 3	200	5	M8	22	34	38 - 43	23	16
918 - 4	250	5	M10	22	34	38 - 43	23	16
918 - 5	300	5	M12	22	34	38 - 43	23	16

new