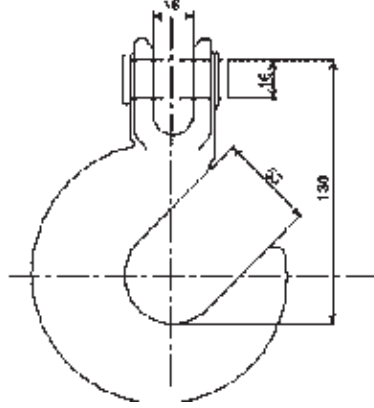


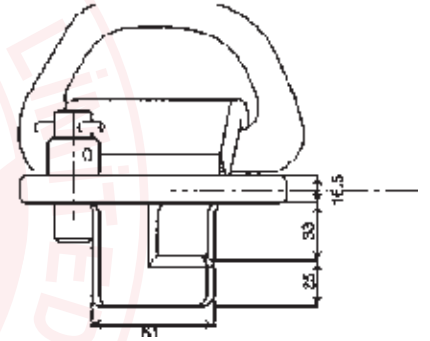
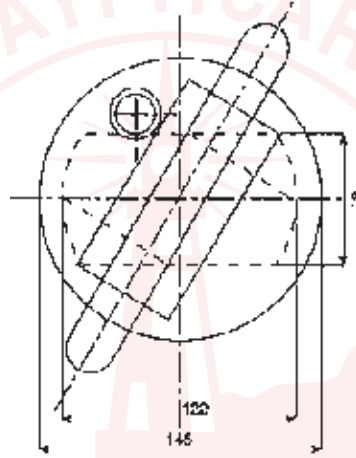


CONTAINER HOOK Model: HS-CH



Materyal: Dövme Çelik Alaşımı Material: Forged alloy steel
Kopma Yüğü / B.L : 21 Tons
Bitmiş Hali / Finish: Painted (Boyanmış)
Ağırlık / Weight : 0.74 kg

D-RING ON FIX BASE Model: HS-DBS

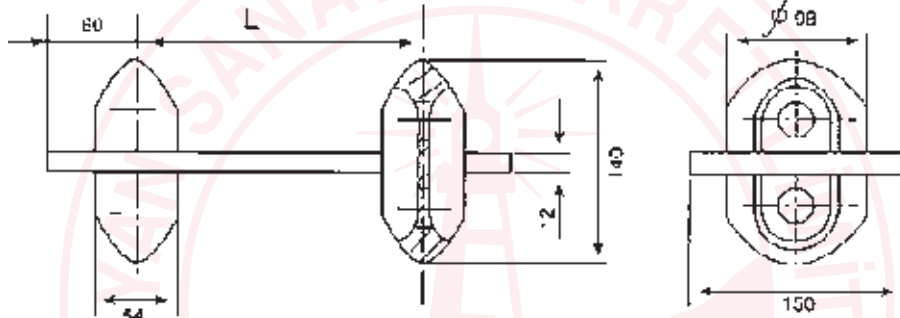
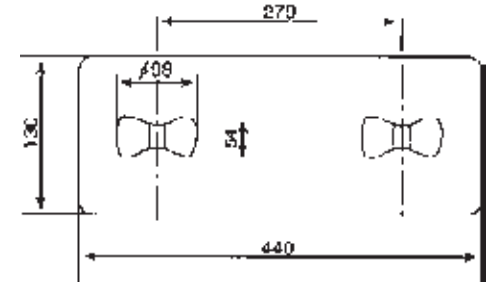
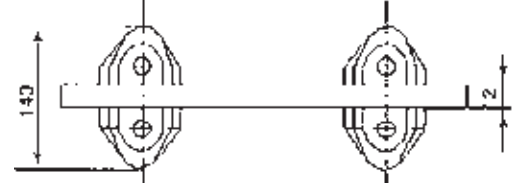
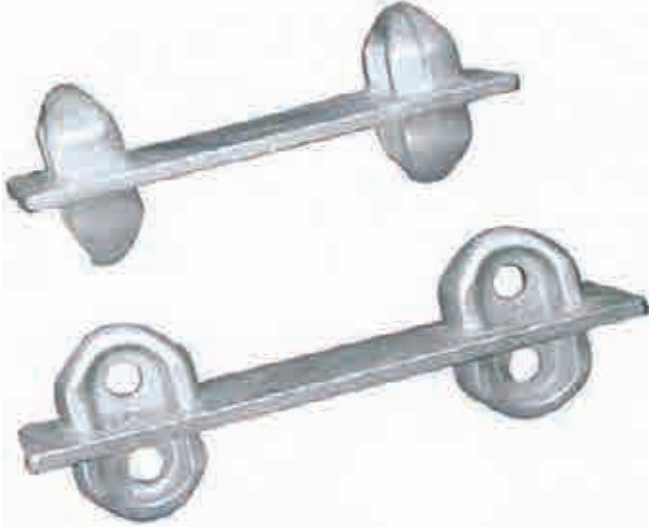


MATERYAL / MATERIAL	GÜVENLİ ÇALIŞMA YÜKÜ S.W.L (KN)	KOPMA YÜKÜ B.L. (KN)	AĞIRLIK WEIGHT
Dövme Çelik / Forged steel Çelik Döküm / Cast steel	205	410	8.3 Kg

Bitmiş Hali / Finish: Galvanizli / Galvanized
Sağlanabilen Sertifikalar / Class Approval: GL veya ABS Sertifikaları / GL or ABS Certificate

1 KN = 98 Kg

DOUBLE STACKER Model: HS-DSC

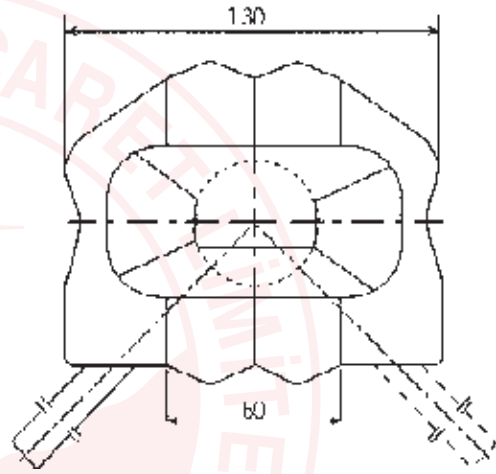
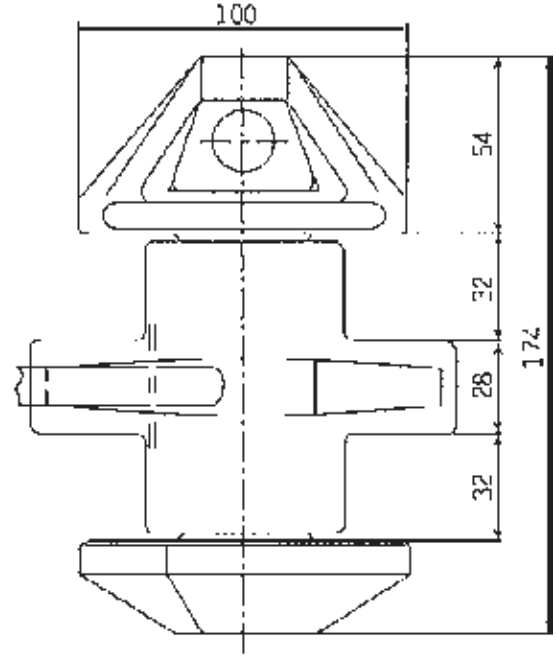


MATERYAL / MATERIAL	GÜVENLİ ÇALIŞMA YÜKÜ S.W.L (KN)	KOPMA YÜKÜ B.L. (KN)
Yumuşak ve Kaynaklı Mild and Welded	Paylaşım / Shear: 210	Paylaşım / Shear: 210
L(mm): 203,216,258		

Bitmiş Hali / Finish: Galvanizli / Galvanized

1 KN = 98 Kg

INTERMEDIATE TWISTLOCK Model: HS-02



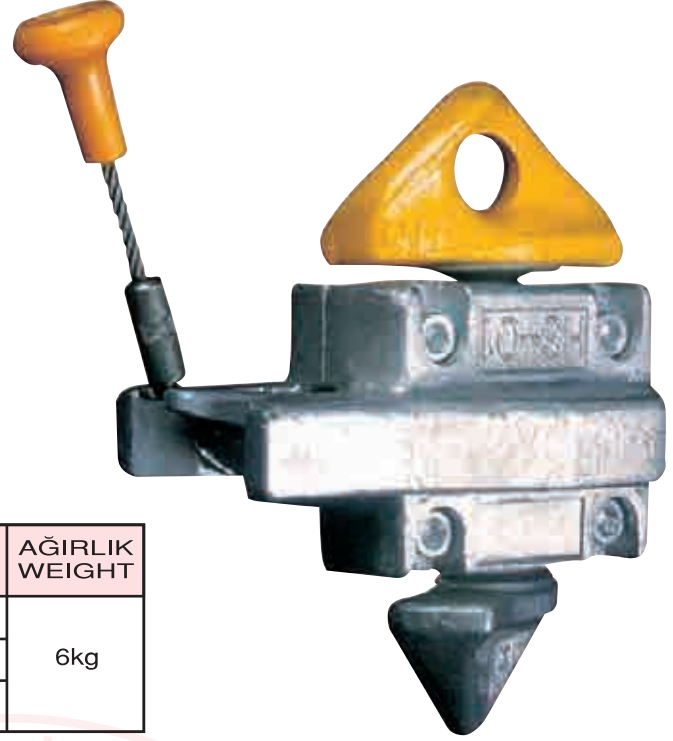
MATERYAL MATERIAL	GÜVENLİ ÇALIŞMA YÜKÜ S.W.L (KN)	KOPMA YÜKÜ B.L. (KN)	AĞIRLIK WEIGHT
Dövme koni ve Yumuşak Demir Levha (Çerçeve) Forged cone and ductile iron Housing	Fension: 250	500	6kg
	Shear: 210	420	
	Compress: 550	1100	

Son Hali / Finish: Galvanizli / Galvanized

Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate

1 KN = 98 Kg

SEMI-AUTOMATIC TWISTLOCK Model: HS-01 (FC)

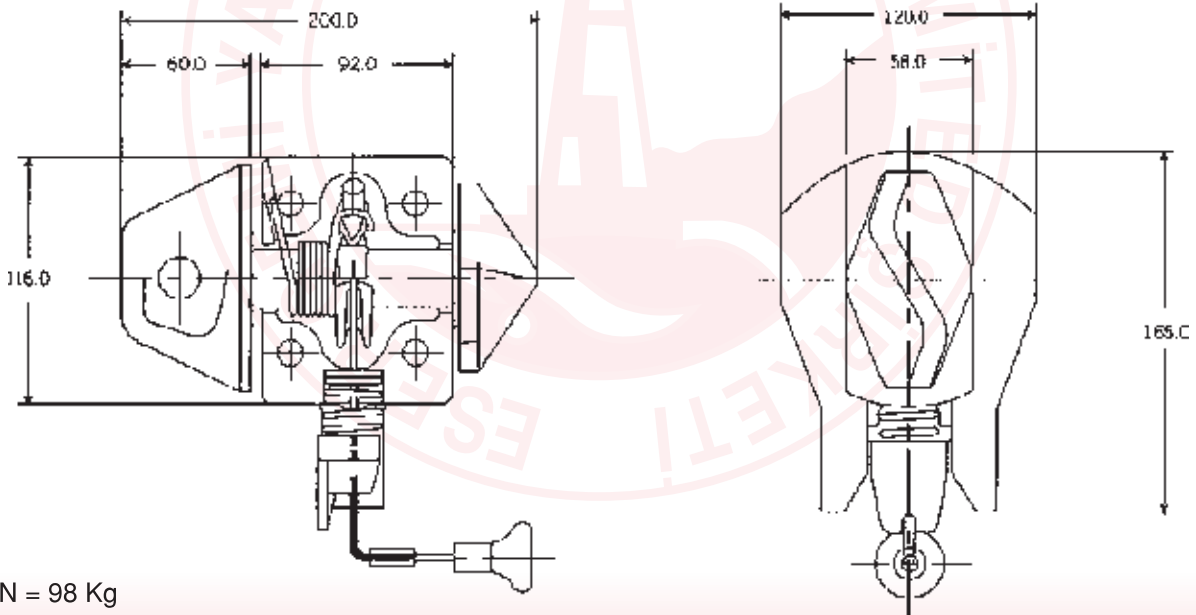


MATERYAL MATERIAL	GÜVENLİ ÇALIŞMA YÜKÜ S.W.L (KN)	KOPMA YÜKÜ B.L. (KN)	AĞIRLIK WEIGHT
Dövme çelik alaşımı ve döküm levha (Çerçeve) Forged cone and ductile iron Housing	Fension: 250	500	6kg
	Shear: 210	420	
	Compression: 1000		

Son Hali / Finish: Galvanizli / Galvanized

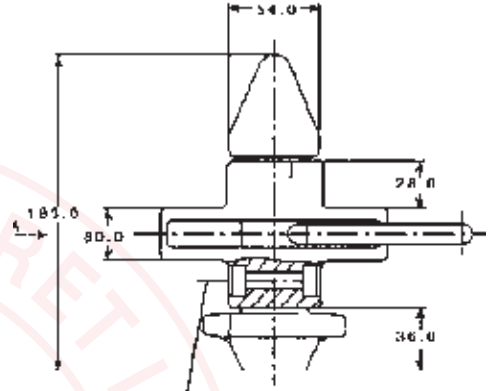
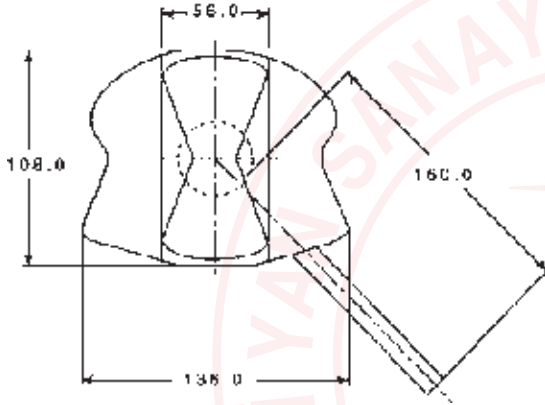
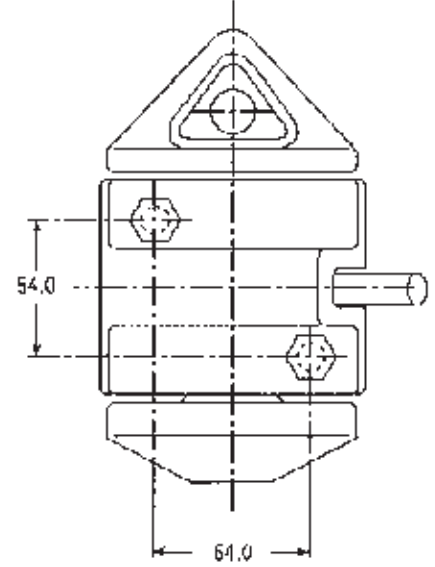
Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate

paslanmaz çelik tel / stainless steel wire
paslanmaz çelik yay / stainless steel spring



1 KN = 98 Kg

INTERMEDIATE TWISTLOCK Model: HS-02C



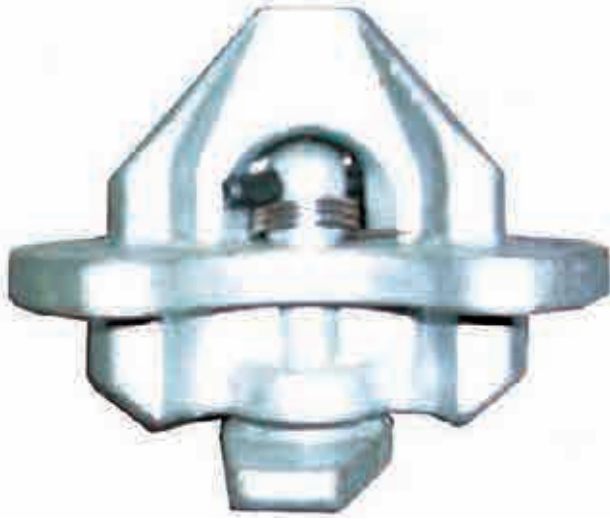
MATERYAL MATERIAL	GÜVENLİ ÇALIŞMA YÜKÜ S.W.L (KN)	KOPMA YÜKÜ B.L. (KN)	AĞIRLIK WEIGHT
Dövme koni ve çelik döküm levha Forged cone and ductile iron Housing	Fension: 250	500	6kg
	Shear: 210	420	
	Compression: 550	1100	

Son Hali / Finish: Galvanizli / Galvanized

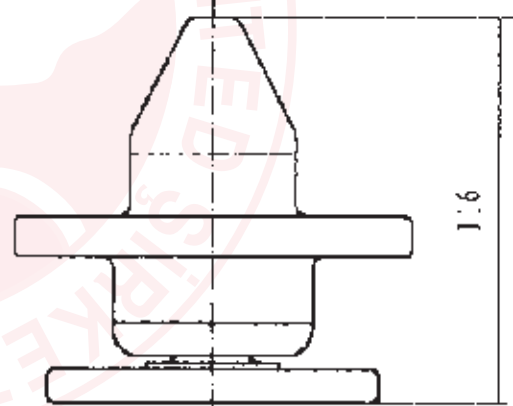
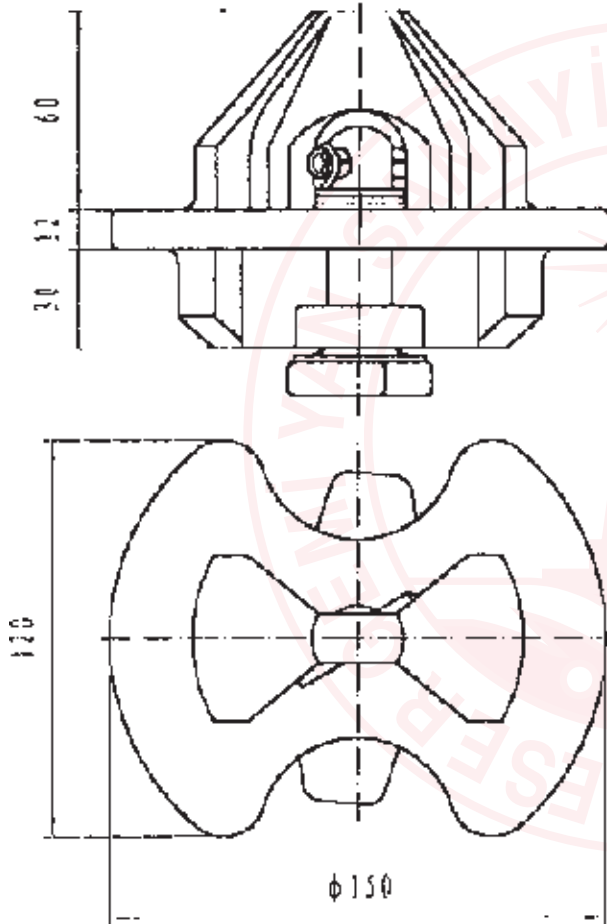
Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate

1 KN = 98 Kg

HANGING STACKER
Model: HS-SS03



MATERYAL MATERIAL	Paylaşım Shear
Gövde: Çelik Döküm Alaşımı / Body: Cast Alloy Steel	SWL210KN
Yay: Paslanmaz Çelik / Spring: Stainless Steel	BL420KN

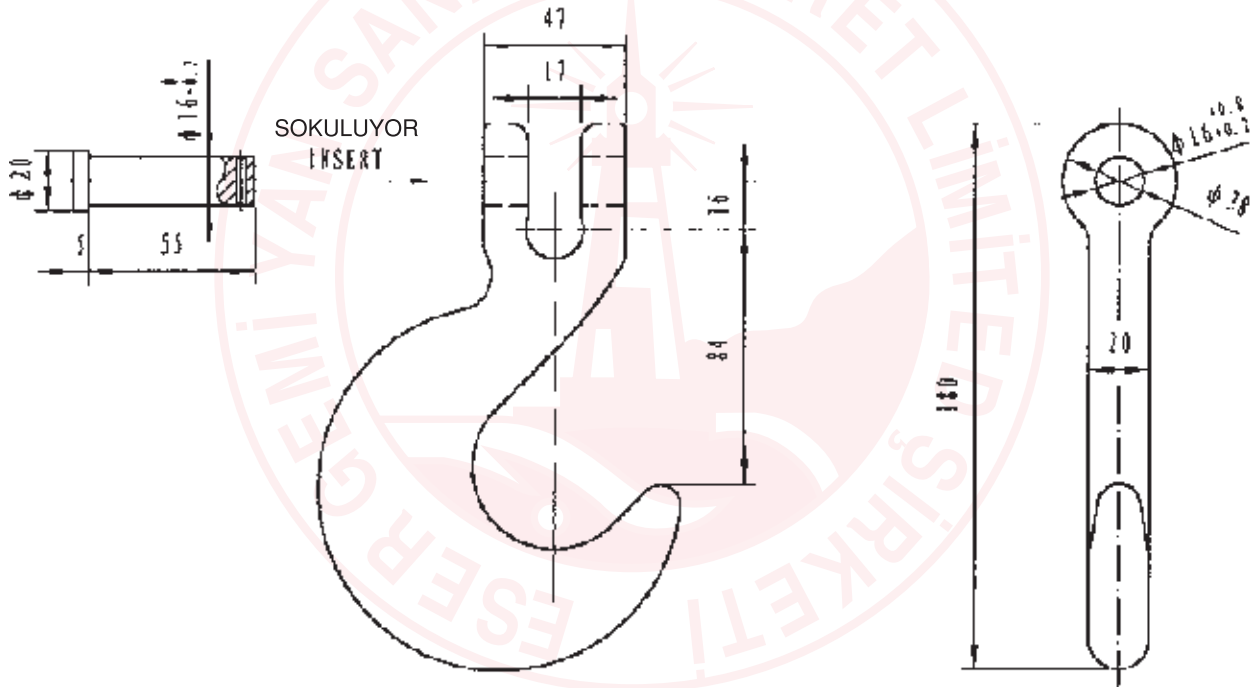


1 KN = 98 Kg

CONTAINER HOOK
Model: HS-CHO

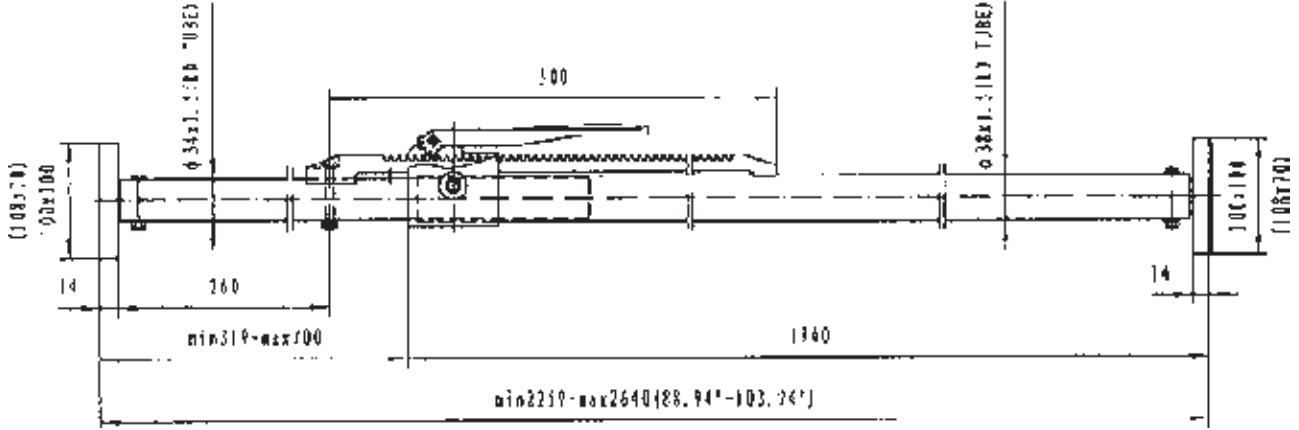


MATERYAL MATERIAL	Tension
Dövme Çelik Alaşımı Forged Alloy Steel	Min BL200KN

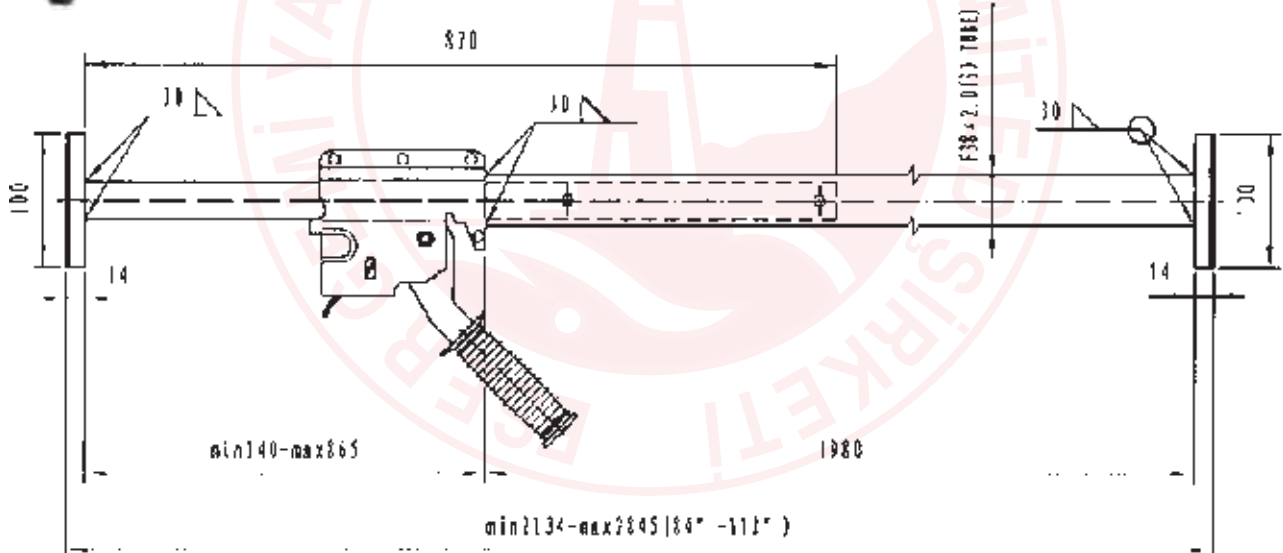
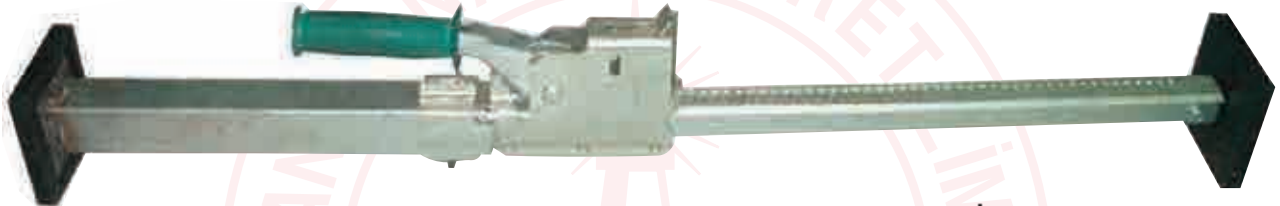


1 KN = 98 Kg

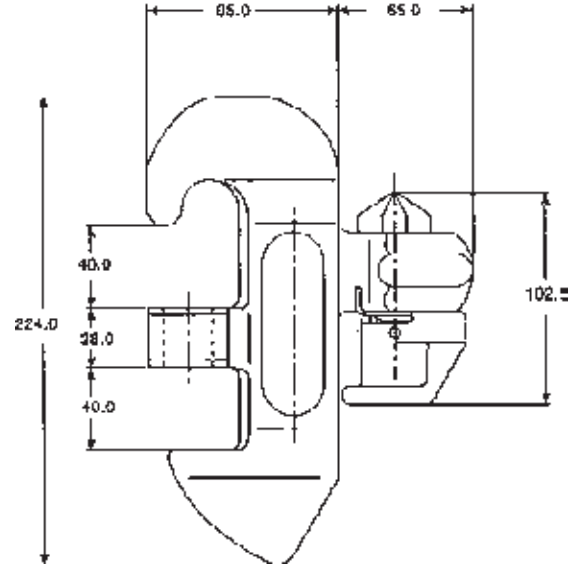
CARGO BAR Model: HS-CB / 89" - 104"



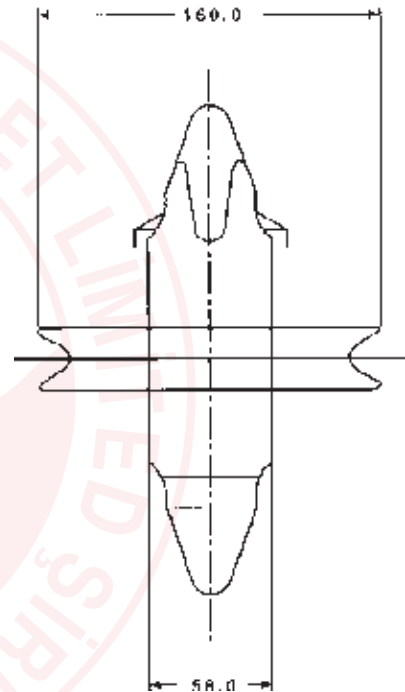
CARGO BAR JACK TYPE Model: HS-JB / 84" - 112"



MIDLOCK
Model: HS-MDL



Paslanmaz Çelik Yay / Stainless steel spring
Paslanmaz Çelik Tel / Stainless steel pin

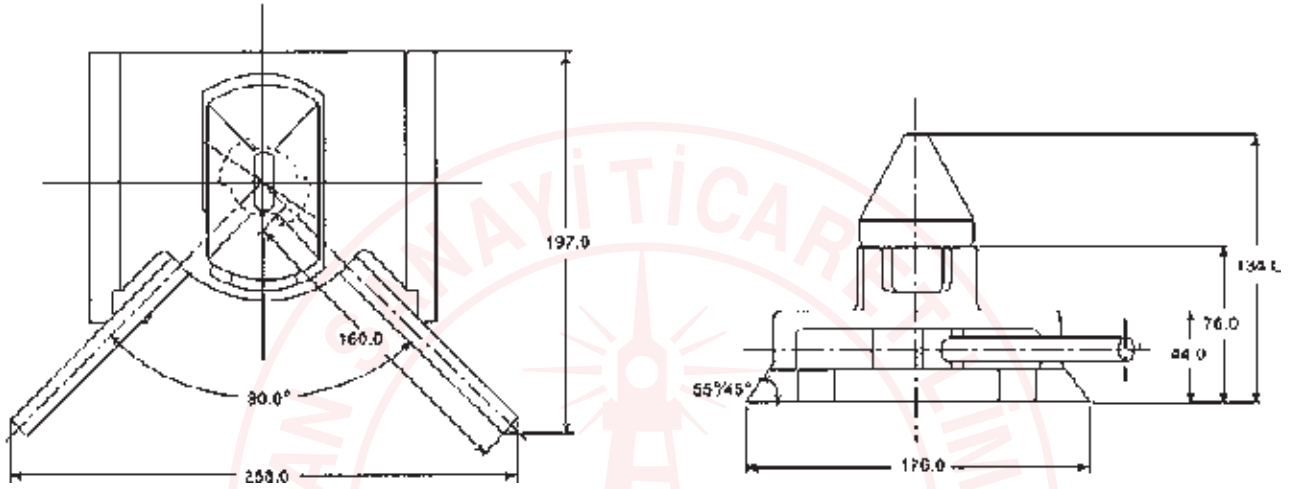
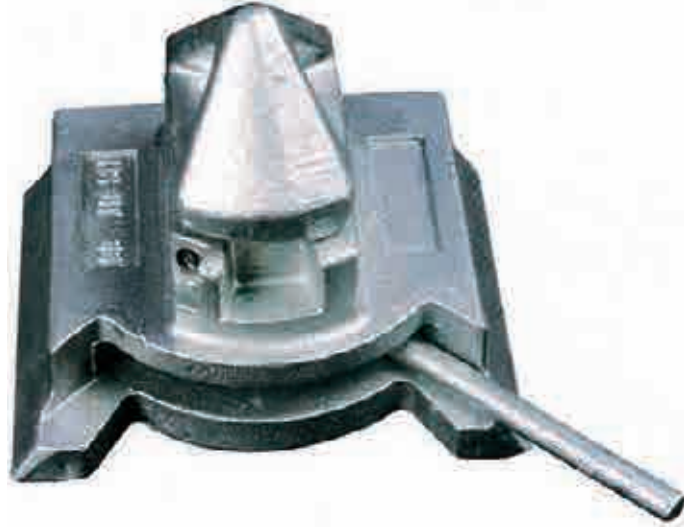


MATERYAL MATERIAL	GÜVENLİ ÇALIŞMA YÜKÜ S.W.L (KN)	KOPMA YÜKÜ B.L. (KN)	AĞIRLIK WEIGHT
Çelik döküm alaşımı Cast alloy steel	245	500	6.5 kg

Son Hali / Finish: Galvanizli / Galvanized
Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate

1 KN = 98 Kg

U-FRAME TWISTLOCK Model: HS-UT

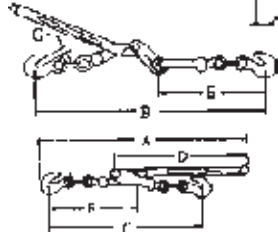


MATERYAL / MATERIAL	GÜVENLİ ÇALIŞMA YÜKÜ S.W.L (KN)	KOPMA YÜKÜ B.L. (KN)	AĞIRLIK WEIGHT
Koni: Dövme alaşımı / Cone: Forged alloy	210	420	6.8 kg
Levha: Çelik döküm / Housing: Casting steel	Paylaşım / Shear: 420 KN		

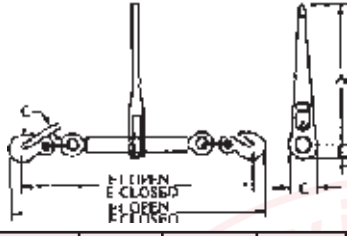
Son Hali / Finish: Galvanizli / Galvanized
Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate

1 KN = 98 Kg

LOAD BINDER



Zincir Ölçüsü Min-Max Chain Size (IN)	Çalışma Yüğü Working Load (LBS)	Test Yüğü Proof Load (LBS)	Kopma Yüğü Break Load (LBS)	Ağırlık Weight (LBS)	Kol Uzunluğu Handle Length (IN)	Ölçüler / Dimensions						
						A	B	C	D	E	F	G
5/16-3/8	5400	10800	19000	6.70	16.00	24.13	22.13	17.88	16.00	10.38	10.38	0.50
3/8-1/2	9200	18400	33000	11.50	18.50	27.75	27.75	21.25	18.69	12.00	12.00	0.63
1/2-5/8	13000	26000	46000	18.70	21.00	29.75	29.75	25.00	21.00	14.63	13.75	0.72

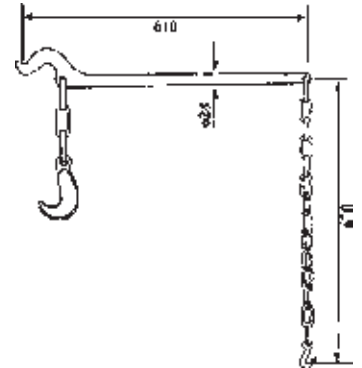


RATCHET TYPE LOAD BINDER

Zincir Ölçüsü Chain Size	Çalışma Yüğü W.L.L. (LBS)	Test Yüğü Proof Load (LBS)	Kopma Yüğü Break Load (LBS)	Ağırlık Weight (LBS)	Kol Uzunluğu Handle Length (IN)	Barrel Length (IN)	Take Up (IN)	Ölçüler / Dimensions (IN)							
								A	B	C	E	E ₁	F	F ₁	G
5/16-3/8	5400	10800	19000	10.50	14	10	8.0	14.00	1.38	2.75	22.94	30.94	25.13	33.13	0.50
3/8-1/2	9200	18400	33000	12.90	14	10	8.0	14.00	1.38	2.75	25.25	33.25	27.63	35.63	0.63
1/2-5/8	13000	26000	46000	14.38	14	10	8.0	14.00	1.38	2.75	26.38	34.38	29.44	37.44	0.72

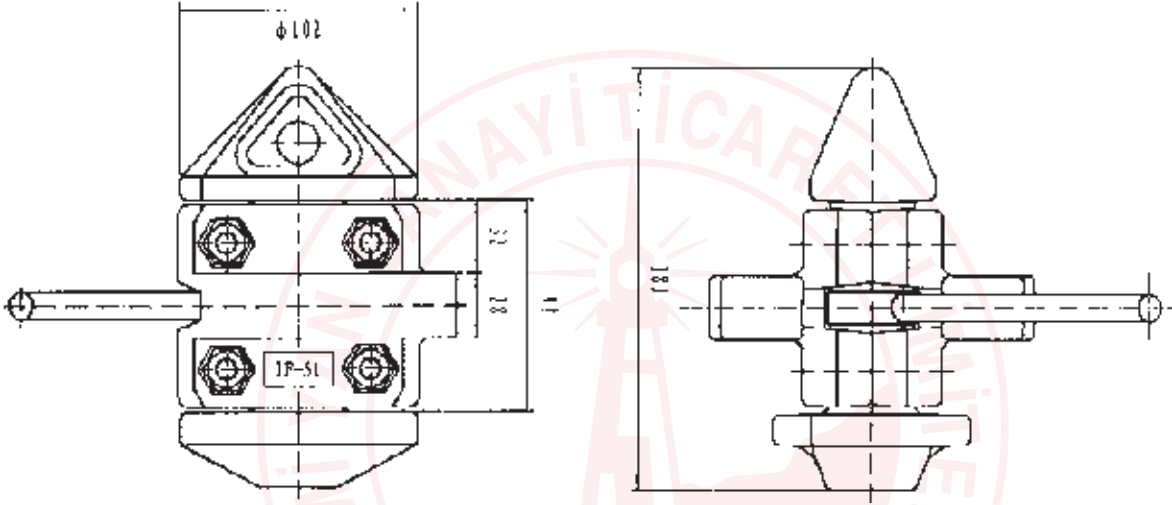
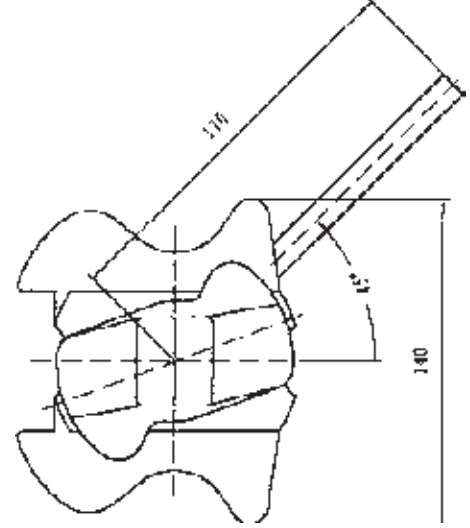


TENSION LEVER



Model	Zincir Ölçüsü / Chain Size	Ağırlık / Weight	Materyal / Material
HS-TNL	13 mm	5.4	Dövme Çelik Alaşımı Forged Alloy Steel

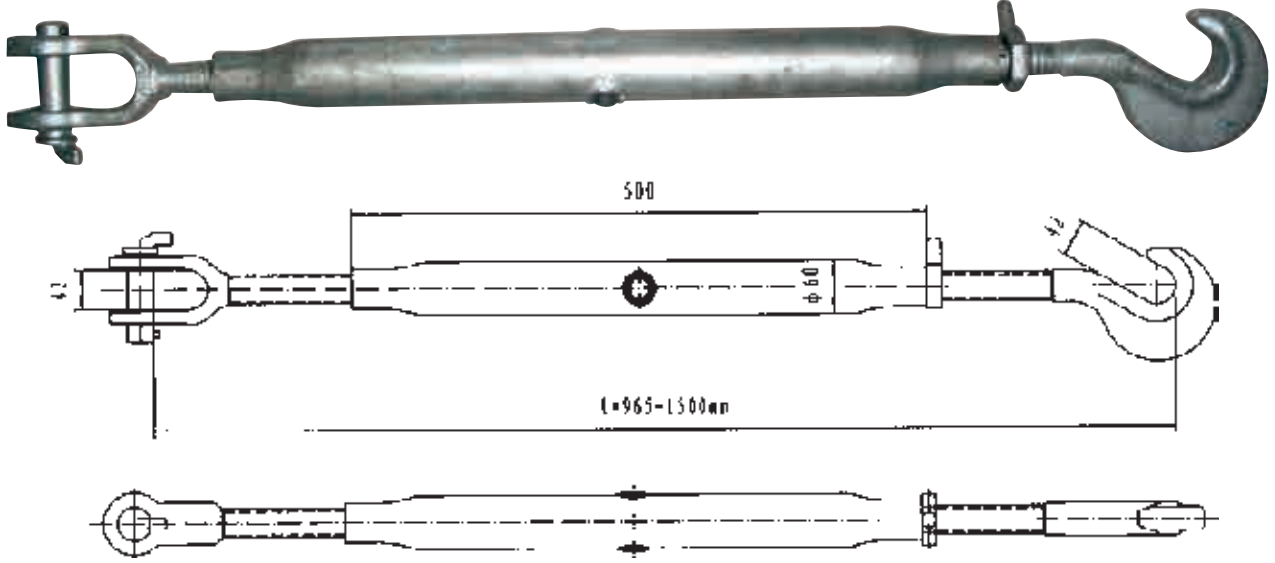
INTERMEDIATE TWISTLOCK Model: HS-02A



Model	Tension	Shear
Koni: Dövme Çelik Alaşımı / Cone: Forged Alloy Steel	SWL 250 KN	SWL210KN
Levha: Yumuşak Demir / Housing: Ductile Iron	BL 500 KN	BL 420 KN

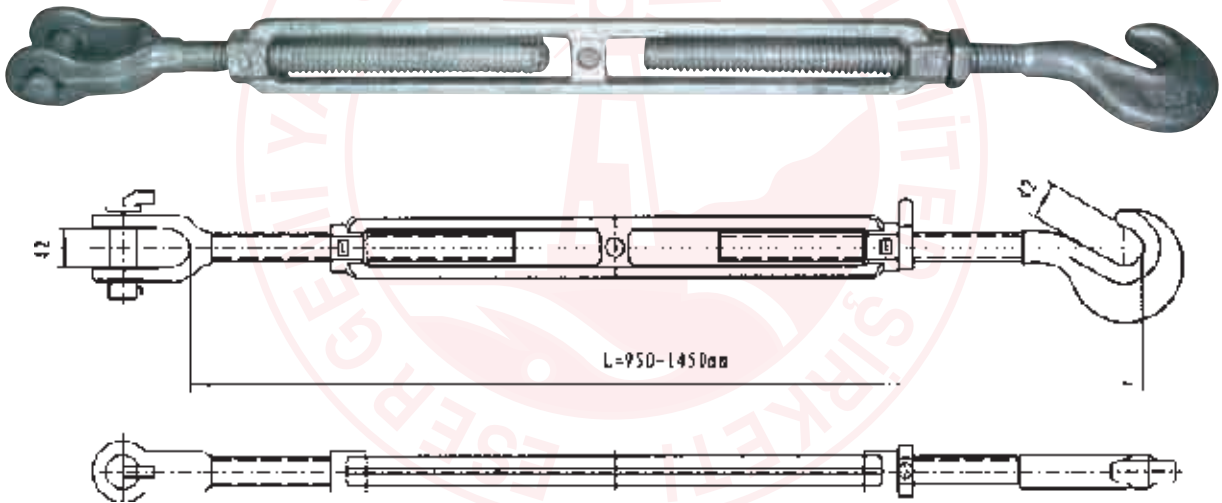
1 KN = 98 Kg

CLOSED BODY TURNBUCKLE Model: HS-TB-CB



Güvenli Çalışma Yüğü SWL: 250 KN	Test Yüğü PL: 313 KN	Kopma Yüğü BL: 500 KN
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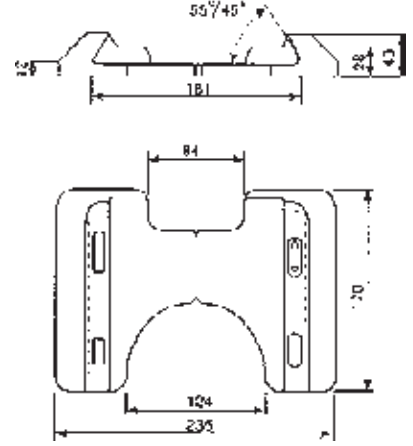
OPEN BODY TURNBUCKLE Model: HS-TB-OB



Güvenli Çalışma Yüğü SWL: 250 KN	Test Yüğü PL: 313 KN	Kopma Yüğü BL: 500 KN
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1 KN = 98 Kg

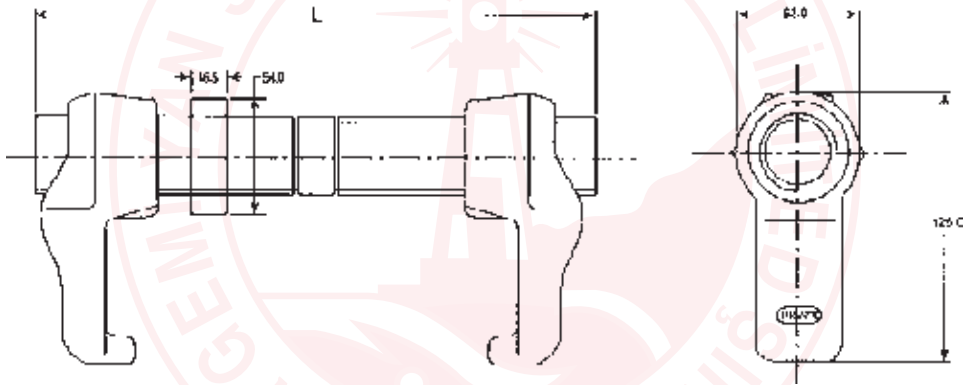
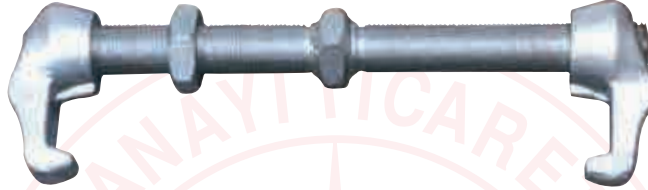
SLIDING BASE Model: HS-SB



Materyal / Material	Güvenli Çalışma Yüğü S.W.L.(KN)	Kopma Yüğü B.L. (KN)
Çelik Döküm / Cast Steel	210	420

Son Hali / Finish: Galvanizli / Galvanized
Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate

BRIDGE FITTING Model: HS-BF

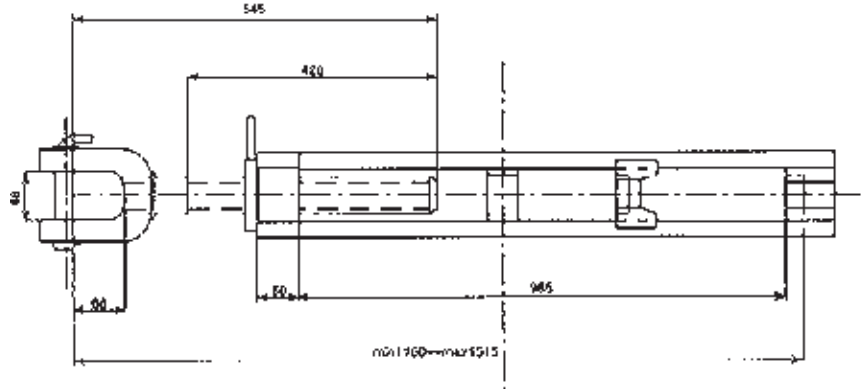
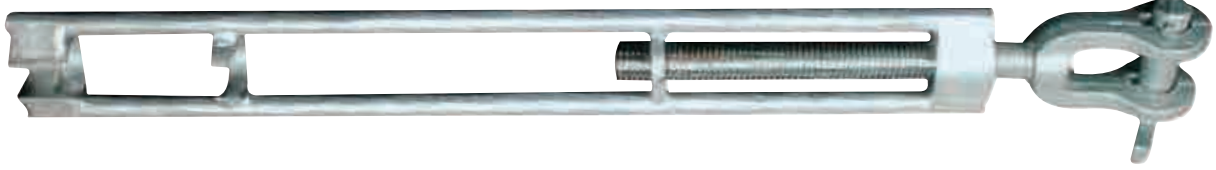


Materyal / Material	Güvenli Çalışma Yüğü S.W.L.(KN)	Eğilme Yüğü Bending Load (KN)
Çelik Alaşımı / Alloy Steel	80	130

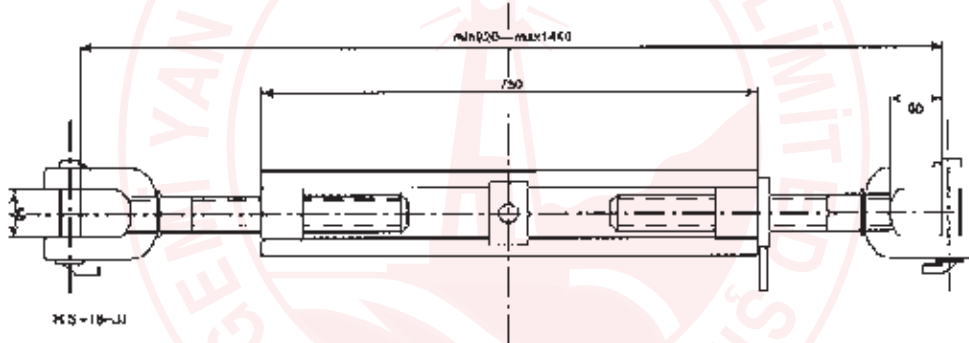
Son Hali / Finish: Galvanizli / Galvanized
Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate

1 KN = 98 Kg

TURNBUCKLE Model: HS-TL



Model: HS-TB / JJ



Materyal / Material	Güvenli Çalışma Yüğü S.W.L.(KN)	Kopma Yüğü B.L. (KN)
Yüksek Gerilimli Çelik / High Tensile Steel	250	500

Son Hali / Finish: Galvanizli / Galvanized
Sağlanabilen Sertifikalar / Class Approval: GL ve ABS Sertifikaları / GL or ABS Certificate



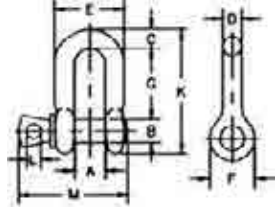
ESER GEMİ
YAN SANAYİ VE TİCARET LTD. ŞTİ.

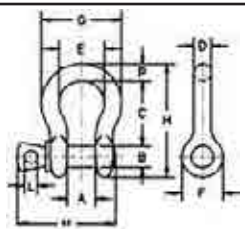


KİLİT - MAPA (SHACKLES)

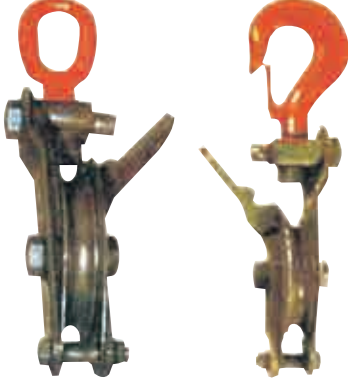


KİLİT - MAPA (SHACKLES)

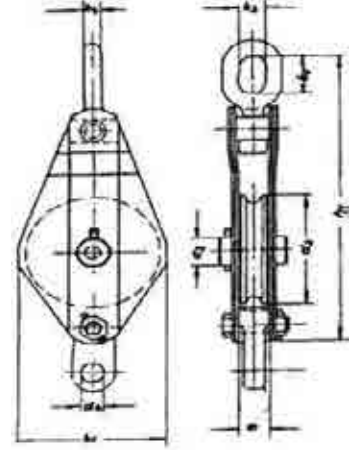
												
DÜZ G 210		DÜZ G 2150										
INCH	E.M.Ç. SWL/TON	A	B	C	D	E	F	G	K	KG/AD	VİDALI YTL/AD	SOMUNLU YTL/AD
1/4	0.50	12	7.87	6.4	6.4	24.7	15.6	22.5	40.5	0.05	1.40	
5/16	0.75	13.6	9.65	7.9	7.9	29.6	19.2	33	48.6	0.08	1.50	
3/8	1	16.9	11.2	9.68	9.68	35.9	23.2	31.9	58.6	0.11	2.00	
7/16	1.5	19.2	12.7	11.3	11.3	41.5	27	36.7	67.6	0.18		
1/2	2	20.7	16	12.8	12.8	46.1	30.3	41.5	77	0.27	2.40	
5/8	3.25	27	20	16	16	61	39	54	100	0.62	4.40	5.50
3/4	4.75	32	21	20.6	19.5	72	47	63	118	1.07	6.50	8.70
7/8	6.5	38	27	23	22.4	82	53	77	138	1.50	9.50	13.00
1	8.5	43	30	25.4	26	95	60	90	161	2.25	12.90	17.50
1-1/8	9.5	46	33	30	30	104	9	95	175	3.21	18.90	25.00
1-1/4	12	52	36	32	33	116	76	106	195	4.31	25.50	34.0
1-3/8	13.5	57	39	36	37	128	85	116	212	5.70	36.60	48.00
1-1/2	17	60	42	39	41	138	94	130	235	7.59	44.20	60.00
1-3/4	25	73	52	48	48	169	106	156	282	20.00	76.50	90.00
2	35	83	60	53	54	190	122	171	315	21.18	115.60	135.00
2-1/2	55	104	70.0	67	67	239	146	204	378	32.8	210.00	250.00

													
OMEGA G-209		OMEGA G-2130											
INCH	E.M.Ç. SWL/TON	A	B	C	D	E	F	G	H	P	KG/AD	VİDALI YTL/AD	SOMUNLU YTL/AD
1/4	0.50	12	7.87	28.8	6.36	19.9	15.6	32.6	47.5	6.1	0.05		
5/16	0.75	13.6	9.65	31	7.88	21.4	19.2	37.4	53.5	8	0.09	1.70	
3/8	1	16.9	11.2	36.7	9.66	26.3	23.2	45.3	63.6	10.2	0.14	2.20	
7/16	1.5	19.2	12.7	42.9	11.3	29.6	26.9	51.6	74	11.2	0.17		
1/2	2	20.7	16	47.9	12.7	33.4	30.3	58.6	83.6	13.2	0.29	2.50	
5/8	3.25	27	20	62	16	42	40	77	108	18	0.66	4.85	6.50
3/4	4.75	32	21	70	20	51	48	92	126	21	1.07	7.10	9.70
7/8	6.5	38	27	85	22.4	57	52	105	148	25	1.65	10.20	14.40
1	8.5	43	30	95	25.4	68	60	121	168	27	2.53	14.15	19.40
1-1/8	9.5	46	33	113	30	74	69	131	190	29	3.24	20.00	28.00
1-1/4	12	52	36	122	33	82	76	148	210	34	4.52	28.00	38.00
1-3/8	13.5	57	39	139	37	92	84	165	235	37	6.31	40.00	54.00
1-1/2	17	60	42	152	41	98.5	93	176	225	40	8.19	48.50	68.00
1-3/4	25	73	52	188	48	127	106	225	315	48	15.8	85.00	102.00
2	35	83	60	202	54	146	122	255	347	55	22.44	128.00	150.00
2-1/2	55	104	70.0	268	67	185	145	328	455	80	39	240.00	285.00

KİLİT - MAPA (SHACKLES)

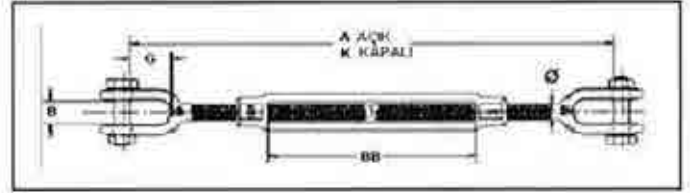
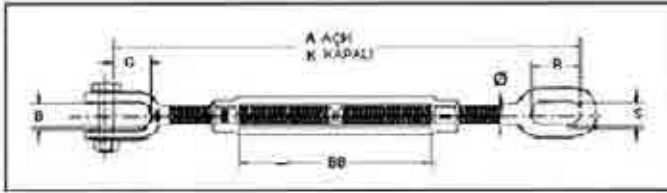
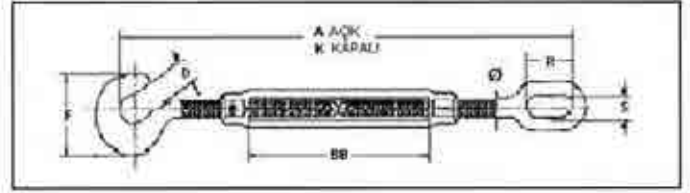
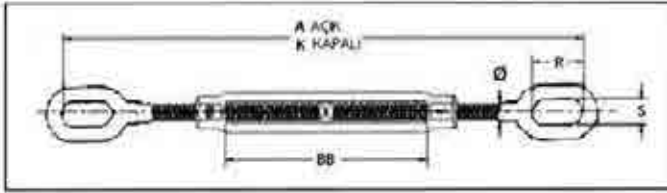


MANDİKAPAN
(KARNİYARIK)
BASTİKALAR
(STEEL SHACKLE BLOCKS)



KOD	SWL TON	ÖLÇÜ D	B	C	D	E	F	A	B	H	H1	KG/AD	YTL/AD
04-01	1	100	120	25	55	20	20	36	28	280	280	4	50.00
04-02	2	125	145	30	64	24	25	43	34	380	380	7	85.00
04-03	3	150	168	35	64	24	35	50	40	410	390	9.6	130.00
04-04	4	200	230	38	78	28	45	55	47	520	500	20	250.00
04-05	10	250	290	46	97	32	50	62	50	600	600	25	400.00
04-06	15	300	340	60	125	40	60	71	57	690	690	33	600.00
04-07	20	350	390	60	125	40	70	90	70	860	860	45	900.00

DÖVME LİFTİN (TURNBUCKLES)



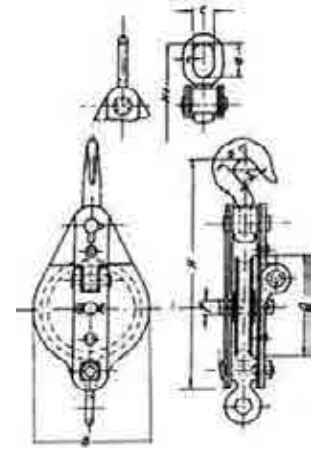
SWL TON	ÖLÇÜ Ø mm	A	K	BB	R	S	B	G	D	F	YTL/AD
3	20	740	490	230	55	25	25	40	30	100	45.00
5	27	890	590	305	70	35	30	52	34	125	95.00
8	33	940	610	320	70	35	30	52	45	145	150.00
10	36	990	640	340	80	40	35	60	50	160	180.00
15	42	1220	800	450	114	50	55	72	56	190	380.00
20	48	1470	1020	500	140	62	55	85	63	240	580.00

* Üretimini yaptığımız Makaraların Kanca ve Mapaları ve Gerdirmeler (SAE 1040 malzemedен) sıcak dövme olarak imal edilmekte olup, çalışma yükünün iki katına test edilip, sertifika verilmektedir.

SAC TİP RULMANLI MAKARALAR (Steel Cargo Blocks With Roller Bearings)



KOD	SWL TON	ÖLÇÜ D2	b1	b2	b3	b4	d3	d4	e	h1	KG/AD	YTL/AD
02-01	0.5	65x1	80	22	45	16	12	15	23	195	1.2	22.00
02-02	0.5	65x2	80	22	45	16	12	15	50	195	1.7	33.00
02-03	0.5	65x3	80	22	45	16	12	15	76	195	2.2	44.00
02-04	1	100x1	120	27	50	20	20	18	30	275	3.5	35.00
02-05	1	100x2	120	27	50	20	20	18	63	275	4.9	55.00
02-06	1	100x3	120	27	50	20	20	18	96	275	6.2	80.00
02-07	1.5	125x1	145	35	64	24	25	24	30	380	7	55.00
002-08	1.5	125x2	145	35	64	24	25	24	63	380	8.7	85.00
02-09	1.5	125x3	145	35	64	24	25	24	96	380	10.5	110.00
02-10	2	150x1	168	35	64	24	25	25	31	390	8.7	90.00
02-11	2	150x2	168	35	64	24	25	25	65	390	12	135.00
02-12	2	150x3	168	35	64	24	25	25	100	390	15	180.00
02-13	4	200x1	230	38	78	28	30	30	38	500	18	190.00
02-14	4	200x2	230	38	78	28	30	30	80	500	25	270.00
02-15	4	200x3	230	38	78	28	30	30	122	500	33	360.00
02-16	6	300x1	340	46	97	32	40	35	68	600	33	500.00
02-17	10	350x1	390	60	125	40	50	40	68	860	45	800.00
02-18	15	410x1	440	60	125	40	65	45	84	930	38	1.200.00



JAPON TİP MANDİKAPAN (CARGO CAST STEEL BLOCK)			
ÖLÇÜ	SWL-TON	KG/AD	YTL / AD
150	5	17	220.00



AĞAÇ MAKARALAR MAPALI VE KANCALI			
ÖLÇÜ	SWL-TON	KG/AD	YTL / AD
150	5	17	220.00



GÖBEKLİ AMERİKÂN TİP MAKİNA (CARGO CAST STEEL BLOCK)			
ÖLÇÜ	SWL-TON	KG/AD	YTL / AD
220 / 1	3-4	21	380.00
300 / 1	5-6	50	650.00

* Üretimini yaptığımız Makaraların Kanca ve Mapaları ve Gerdirmeler (SAE 1040 malzemenen) sıcak dövme olarak imal edilmekte olup, çalışma yükünün iki katına test edilip, sertifika verilmektedir.

SAC TİP RULMANLI MAKARALAR (Steel Cargo Blocks With Roller Bearings)

8 Kollu POLİPROPİLEN Halat



- Lloyd Sertifika
- Roda = 220 m

Hi-Man		
mm	Kg/Roda	YTL/kg
40	159	6.68
48	229	6.68
56	312	6.68
64	407	6.68
72	515	6.68
80	638	6.68
88	772	6.68
96	918	6.68

3 Kollu POLİPROPİLEN Halat (KORE)



- Fabrika Sertifika
- Roda = 220 m

Hi-Man		
mm	Kg/Roda	YTL/kg
16	26.5	6.75
18	34.2	6.75
20	41.8	6.75
22	50.6	6.75
24	59.4	6.75
26	70.2	6.75
28	81.2	6.75
32	106.4	6.75
36	134.2	6.75
40	165	6.75

8 Kollu POLİDAKRON Halat



- Anti Kıvılcım
- Tankerler için
- Lloyd Sertifika
- Roda = 220 m

Hi-Man		
mm	Kg/Roda	YTL/kg
48	261	8.80
56	353	8.80
64	457	8.80
72	570	8.80
80	699	8.80

Jüt Halat



Hi-Man		
mm	Kg/Roda	YTL/kg
6	7.2	3.22
8	10.4	3.22
10	12.4	3.22
12	17.4	3.22
14	21.2	3.22
16	27.2	3.22
18	35	3.22
20	39.6	3.22

4 Kollu Polipropilen Halat (YERLİ)



Hi-Man		
mm	Kg/Roda	YTL/kg
6	3.6	5.55
8	6.6	5.55
10	9	5.55
12	13	5.55
14	21	5.55
16	27.2	5.55
18	29.5	5.55
20	31.8	5.55

Sızal Halat



Hi-Man		
mm	Kg/Roda	YTL/kg
6	7.15	4.20
8	12.1	4.10
10	16.5	4.05
12	24.2	4.05
14	31.9	4.05
16	41.8	4.05
18	53.9	4.05
20	6	4.05
22	78	4.05
24	91	4.05
26	105	4.05
28	120	4.05
32	139	4.05



ESER GEMİ

İNŞAAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

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