

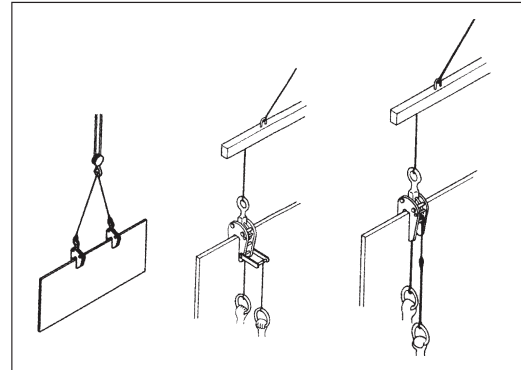
V-25 Vertical Lifting Clamp



Type N
AQ00548



Type L
AQ00896



Features

- 1) The heavier the load, the more strongly the load is gripped.
- 2) By simply pushing or pulling the ring, the cam can be either closed or locked in the open position.
- 3) During conveyance, lifting conditions will not change even if the lifted load receives a shock.
- 4) The compression coil spring, with its initial load on the cam, ensures that even the load is delivered and wire loosens, reducing the load to zero, the clamp will not release the load.
- 5) Bolts and nuts are protected by indentations in the main body, which helps reduce wear or potential for damage for use.
- 6) Since the cam can be locked in the open position, clamping from above (vertically) is simplified.
- 7) For lifting operations in high places or with unstable footing, easier operability is obtained by using clamps along with levers or ropes. (Models V-25-K, V-25-L).
- 8) The main body and components are drop forged from special alloy steels as well as heat treated.

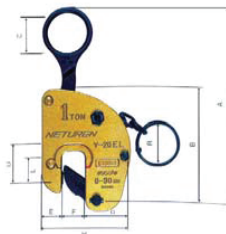
Type N Stock Code	Type L Stock Code	Basic Use Load	Grip Width (min) (max)	A	B	C	D	E	F	G	H	I	J	L	Type N	Type L	Clamp (kg)	D1	D2
AQ00548		1/2 TON	0-16	218	128	40	50	22	20	49	91	30	44	32	○	-	1.6	35	50
AQ00549		3/4 TON	0-16	279	162	50	74	36	22	66	124	56	68	49	○	-	4.5	50	65
AQ00550	AQ00896	1 TON	0-25	355	205	60	78	33	32	76	141	56	68	49	○	○	5.8	60	90
AQ00551	AQ00897	2 TON	0-30	320	224	65	82	38	36	78	152	58	70	52	○	○	6.9	60	95
AQ00552	AQ00898	3 TON	0-38	425	257	75	95	46	43	90	179	66	80	57	○	○	10.5	70	115
AQ00553	AQ00899	5 TON	0-40	452	275	75	105	50	50	105	205	78	108	73	○	-	15.5	70	110
AQ04625		5 TON	0-50	122	60	60	133	253	86				122	82	○	○	22.0	85	150
AQ00554	AQ04627	10 TON	0-50	660	410	100	152	80	70	157	307	105	145	102	○	○	46.0	115	180
AQ04626	AQ04628	10 TON	0-75		715	410		162		90	160	330	145	112	○	○	53.0	115	190

Clamp naming style: (example) Model V-25-N-5-ton (0-40)

V-25EL Steel Plate Vertical Clamp



(Light weight Model)
AQ00555



Features

- 1) The main body and components are made from special alloy steel.
- 2) Precision drop forging produces a lightweight and compact product.
- 3) Powerful cam: increases in the lifting load result in a proportionally stronger grip on the load.
- 4) Locking lever with ring: with lever ring locking, the compression coil spring applies a minimum initial load to the cam so that the clamp does not release the load, even when the load falls to zero and the wire loosens as the load is delivered.
- 5) Electrodeposited coating: the main unit has a two-layer surface treatment, for better anti-rust protection.
- 6) Teflon coating: the internal interchangeable component has superior anti-adhesion, anti-corrosion, anti-wetting, and wear resistance characteristics.

Specifications

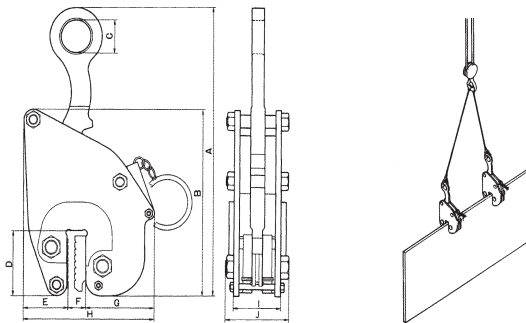
Stock Code	Basic Use Load	Grip Width (min) (max)	A	B	C	D	E	F	G	H	I	J	K	L	M	R	Clampweight (kg)
AQ00555	1 TON	0-30	300	177	55	60	30	35	68	133	28	52	13	40	27	57	3.5
AQ03665	2 TON	0-30	326	195	58	68	36	35	75	146	32	59	14	43	34	57	4.9
AQ00556	3 TON	0-40	364	221	64	33	45	46	94	185	54	70	18	55	32	65	8.3

Clamp naming style: (example) Model V-25 EL 1-ton (0-30)

FL-VA Flawless Vertical Lifting Clamp



Dimensions



Specifications

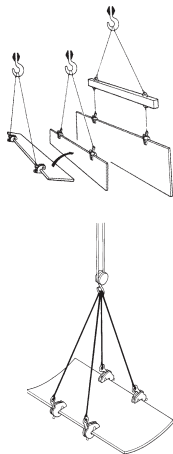
Stock Code	Basic Use Load	Grip Width (min) (max)	Clamp Weight (kg)												
				A	B	C	D	E	F	G	H	I	J		
AQ00557	1/2 TON	3-13	5.0	340	195	40	75	50	15	90	157	48	70		
AQ00558	1 TON	3-15	6.5	385	215	50	85	60	17	102	181	60	90		
AQ00559	2 TON	6-25	13.5	495	290	60	105	70	26	123	221	68	120		
AQ00560	3 TON	8-32	20.5	515	339	56	119	88	34	134	256	78	108		

Clamp naming style: (example) Model FL-VA 2-Ton

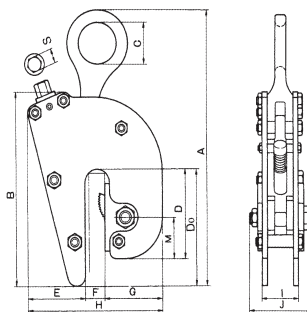
Features

- 1) Clamp strength increases proportionally to increases in the load, powerfully gripping the load.
- 2) The clamp can be clamped on the load with the locking lever in the open position and then subsequently locked.
- 3) If sliding or overload occurs, an internal toothed safety cam clamps onto the load to prevent sliding.
- 4) Clamps are extra tough due to special alloy steel and advanced manufacturing and heat treatment.

FL-V Flawless Vertical Clamp



Dimensions



Features

- 1) Netsuren Model FL-V clamp lifts heavy loads without scratching, a task previously believed impossible. It is an epoch-making clamp developed with safety foremost in mind.
- 2) The many uses for this clamp include lifting standard steel plates, high-tension steel plates for bridges, boiler manufacture or manufactured plates, high-pressure tanks, and others. It is also appropriate for stainless steel plates, aluminium plates, and other non-ferrous plates where magnets cannot be used for lifting operations.
- 3) Clamping takes place between the light alloy slider, which adjusts to the thickness of the load, and the grip plate with its special mechanism, to ensure that "sliding" does not occur.
- 4) The clamp contains a failsafe mechanism to prevent dropping from sliding caused by overload or shocks from hitting obstacles.

Specifications

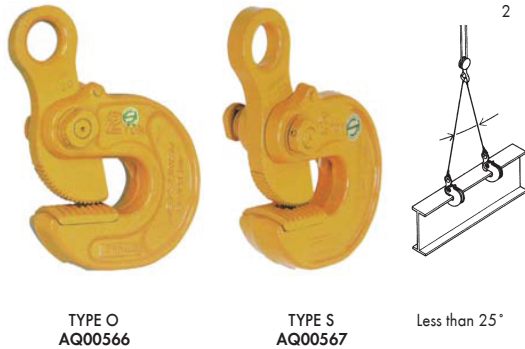
Stock Code	Basic Use Load	Grip Width (min) (max)	Clamp Weight (kg)													
				A	B	C	D	Do	E	F	G	H	I	J	M	
AQ00561	1/2 TON	0-16	3.0	19	245	149	40	72	82	59	19	60	138	44	74	40
AQ00562	1 TON	0-25	7.5	19	400	233	60	113	148	71	29	79	179	52	80	55
AQ00563	2 TON	0-25	10.5	19	430	282	60	130	170	92	32	93	217	58	98	60
AQ00564	3 TON	0-30	18.0	19	520	303	75	135	183	107	36	97	240	70	118	62
AQ04630	3 TON	20-50	19.0								56		250			
AQ00565	5 TON	0-30	32.0	22	610	380	90	165	225	115	40	130	295	99	154	90
AQ04631	5 TON	20-50	32.9								60		310			

Clamp naming style: (example) Model FL-V 3-Ton (0-30)

Easy Horizontal Lifting Clamp

DANGER:

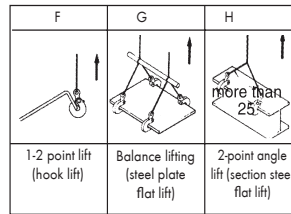
- 1) Lifting methods F, G and H shown at right are dangerous with the Easy Clamp. Absolutely do not use them. (For methods F and G in particular, the clamp grip will be weak because the cam pivot bolt and the ring align vertically.)
- 2) Lifting method H is strictly prohibited.



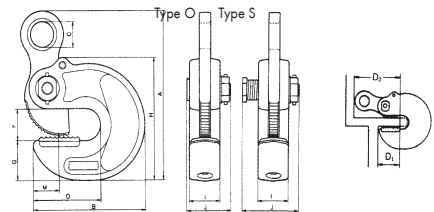
TYPE O
AQ00566

TYPE S
AQ00567

Less than 25°



Dimensions



Features

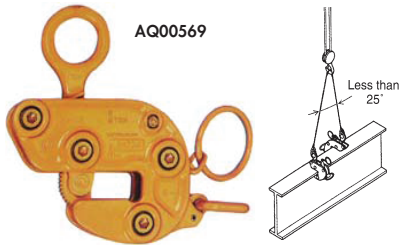
- 1) The Easy clamp provides highly efficient lifting for such steel sections as angles, channels, and I-beams.
- 2) The cam grips more powerfully in response to increasing loads.
- 3) The grip plate is R-shaped so that, when lifting at an angle, the torsion force on the main body is low, ensuring smooth operations.
- 4) A torsion coil spring is installed on the cam pivot bolt of the Type S, thus when attaching the clamp, it is not necessary to hold it by hand. Once a load has been clamped, upon arrival the clamp does not release the load, even when the load falls to zero and the wire loosens as the load is delivered.

Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	Type	D1	D2	A	B	C	D	F	G	H	I	J	M	Clamp Weight
AQ00566	1 TON	0-16	○ S	50	102	156	124	24	68	24	37	114	30	43 60	26	2.4 2.5
AQ00567	2 TON	0-20	○ S	65	135	201	152	30	89	38	48	147	40	55 73	34	4.1 4.2
AQ04632	2 TON	16-28	○ S						34					55 73		4.1 4.2
AQ00568	3 TON	10-40	○ S	72	170	275	190	36	110	60	65	188	45	60 88	40	7.7 7.8
AQ04633	3 TON	25-45	○ S	72	155									60 88		7.4 7.5

Clamp naming style: (example) Easy clamp 1-Ton (Model 16-S) (example)
Easy clamp component 2-Ton (Model 20-S) cam

HA-110 Horizontal Lifting Clamp



AQ00569

Less than 25°

Features

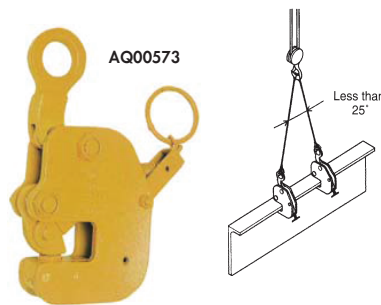
- 1) Exclusively for H-beams, L-beams, and similar steel sections.
- 2) As a horizontal lifting clamp, stable horizontal lifting operations are made possible.
- 3) Since the lower part of the main unit is split, the clamp can be attached widthwise to both sides of beams, making it especially useful for H-beams.
- 4) The clamp can be attached and released by means of a locking ring. To make this operation easier, a grip is attached to the back of the main unit.
- 5) Drop forged from special alloy steel, this clamp is lightweight and compact, making it easy to operate.

Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	Clamp Weight (kg)
AQ00569	1 TON	0-25	3.8
AQ00570	2 TON	0-30	5.5
AQ00571	3 TON	0-40	11.0
AQ00572	5 TON	0-50	23.0

Clamp naming Style: (example) Model HA-110 2-Ton

HV-G Vertical/Horizontal Combined Use Clamp



AQ00573

Less than 25°

Features

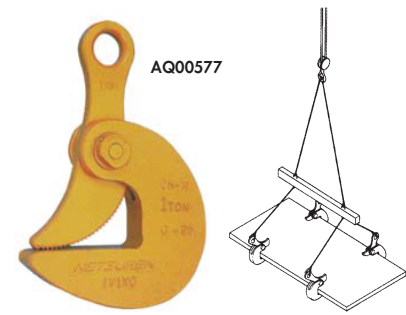
- 1) Suitable for lifting and flipping steel sections such as angles, channels, and I-beams.
- Uses
- suitable for lifting and flipping structural steel sections such as I-forms, T-forms, angles, channels, etc.
 - Especially suitable for lifting objects with narrow face width.

Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	Clamp Weight (kg)
AQ00573	1/2 TON	0-20	2.0
AQ04634	1 TON	0-25	4.0
AQ00574	2 TON	0-30	7.3
AQ00575	3 TON	0-40	12.0
AQ00576	5 TON	0-50	23.0

Clamp naming Style: (example) Model HV-G 2-Ton

CH-N Horizontal Lifting Clamp



AQ00577

Features

- 1) This clamp is exclusively for horizontal lifting and stacking of steel plates.
- 2) There is no danger of slippage, because the cam works harder to adjust gripping force in response to the lift load.
- 3) The torsion coil spring on the cam pivot bolt applies an initial load, resulting in more stable attachment of the clamp before lifting.

Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	Clamp Weight (kg)
AQ00577	1/2 TON	0-20	1.2
AQ04635	1/2 TON	15-35	1.4
AQ00578	1 TON	0-25	1.8
AQ04636	1 TON	20-45	2.0
AQ00579	2 TON	0-30	4.6
AQ04637	2 TON	25-55	4.8
AQ00580	3 TON	0-40	9.5
AQ04638	3 TON	35-75	10.0
AQ00581	5 TON	0-50	25.0
AQ04639	5 TON	45-95	26.0

Clamp naming Style: (example) Model CH-N 2-Ton (0-30)

CH-NF Flawless Hook

Features

- 1) A high-strength aluminium alloy is used for the jaw and frame in this horizontal lifting clamp designed for carrying steel plates, stainless steel plates, aluminium plates, copper plates and other materials whose surfaces must not be damaged during transport.
- 2) Clamping power is consistently maintained because the initial load causes the clamp to close through the action of the torsion coil spring.

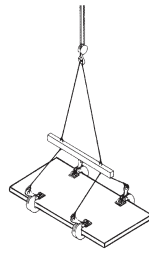


AQ00582

Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	Clamp Weight (kg)
AQ00582	1/2 TON	0-20	1.4
AQ04640	1/2 TON	10-30	1.5
AQ00583	1 TON	0-30	3.6
AQ04641	1 TON	20-50	3.8
AQ00584	2 TON	0-40	6.2
AQ04642	2 TON	30-70	6.7
AQ00585	3 TON	0-50	10.9
AQ04643	3 TON	40-90	11.9
AQ00586	5 TON	0-60	27.0
AQ04644	5 TON	50-110	28.5

Clamp naming Style: (example) Model CH-NF 2-Ton (0-40)



SC-N Screw Clamp

Features

- 1) It can be used for lifting and flipping shaped steel sections and spherical and curved plates.
- 2) The gripping force increases in proportion to increases in the load.



AQ00587

Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	Clamp Weight (kg)
AQ00587	1/2 TON	0-25	2.0
AQ00588	1 TON	0-30	3.0
AQ00589	2 TON	0-40	6.2
AQ00590	3 TON	0-50	7.5

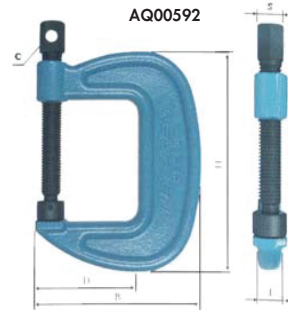
Clamp naming Style: (example) Model SC-N 2-Ton



Screw Clamp (Flawless)

Features

- 1) In addition to the optimal design, precision drop forging and heat treatment are used to achieve high strength.
- 2) The metric trapezoidal screw bolt is heat treated for strength.
- 3) The head of the bolt is hexagonal to allow the use of both spanners and round rods for tightening.



Specifications

Stock Code	Model No.	Max. grip width (mm)	Max. Use Load (kg) (D)	Body				Bolt				Clamp Weight
				Jaw depth (B)	Width (H)	Height (L)	Thickness diameter	Bolt	Pitch frat (S)	Width across (H)	Hole diameter (kg)	
AQ00592	HS-75	75	5,000	76	141	185	23	TM22	3.0	24	Ø11	2.5
AQ00593	HS-100	100	6,000	118	191	235	25	TM24	3.0	26	Ø12	4.3

J Road Plate Lifting Hook

Features

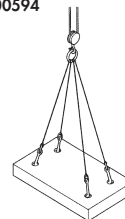
- 1) This lifting hook is designed for cover plates used in the construction of subways, sewage systems, and in other industries.
- 2) Drop forging is used to achieve a lightweight hook.

Specifications

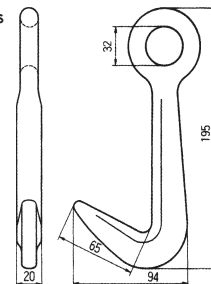
- Basic load: 1 ton/10.75 kg hook weight
- Hook naming style: (example) Model J 1 Ton



AQ00594



Dimensions



2 Jaw Lifting Hook

Features

To eliminate metal fatigue and breakage during conventional lifting operations, repeated fatigue tests resembling actual lifting operations have been conducted at the National Research Institute for Metal Materials. This model withstood 2,650,000 repetitions of the test, demonstrating that the clamp has a long life. Furthermore, annealing and other treatments to repair fatigue damage are not needed.

- 1) Special alloy steel is used, and as a precision drop forged, heat treated product, resistance against fatigue is greatly improved.
- 2) Since it is drop forged, it is lightweight.
- 3) Models DL-B and DL-B/B have wire latches.

TYPE DL
1Ton
AQ00595
2Ton
AQ00596
3Ton
AQ00597
5Ton
AQ00598



TYPE DL-B
1Ton
AQ00599
2Ton
AQ00600
3Ton
AQ00601
5Ton
AQ00602

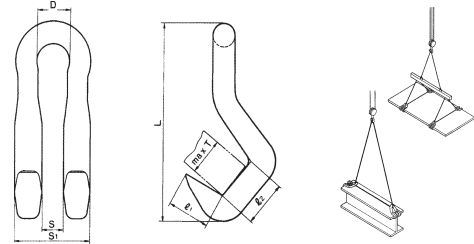


Specifications

Basic Use Load	Hook Weight		Max. Thickness	S	S1	D	L	Hook Weight (kg)
	I ₁	I ₂						
1 TON	40	45	40	26	80	34	185	1.7
2 TON	55	55	50	30	100	44	250	4.0
3 TON	65	60	55	40	116	54	300	6.0
5 TON	90	80	75	62	162	70	360	13.5

Hook naming style: (example) Model DL 2-Ton

Dimensions



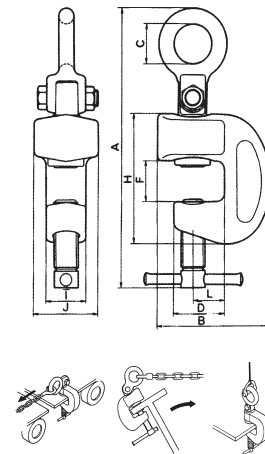
HP-Y Drawing Clamp

Features

A unique mechanism has been developed to eliminate deformations in the pieces being drawn. It can also be used for lifting (angles up to 60°).

- 1) By preventing deformations, operating safety is improved. This type of clamp no longer needs an additional component, found to cause deformations when lifting sections vertically, horizontally, or at an angle. Thus, work safety is increased, and the life of the hook is lengthened.
- 2) Multifunctional. Useful for a variety of purposes, including the lifting, drawing and other moving of sections using both chains and lever blocks.
- 3) As seen from above the ring, the clamp can be rotated 360° horizontally, enabling a wide range of setting options. Unloaded, the ring turns 360°, thus avoiding unnecessary bending load in the drawing direction.
- 4) Drawing hook side-sliding prevention mechanism. During right/left, forward/backward, and diagonal drawing a strong gripping force ensures the bolt bites into the load. The clamp will therefore not slide sideways.

Dimensions



AQ00607



Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	A	B	C	D	F	H	I	J	L	Clampweight (kg)
AQ00607	1.1/2 TON	0-30	284	123	38	60	40	133	40	65	40	4.0
AQ00608	3 TON	0-40	340	140	48	65	50	156	50	80	40	6.9

Clamp naming style: (example) Model HP-Y 1 1/2-ton

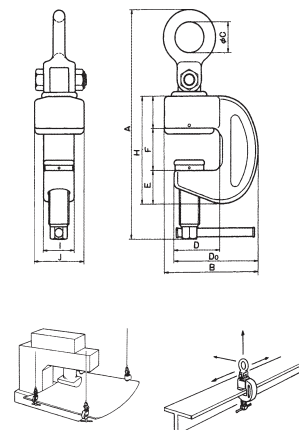
HP-YF Flawless Drawing Clamp

Features

This non-damaging drawing clamp leaves no grip marks on steel frames, high-tensile steel plates for bridges, pressure vessels, stainless steel, etc. It can also be used for lifting. After lifting, pulling, straightening, or removing deformations in construction pieces, it is no longer necessary to remove clamp marks with a grinder or other tools.

- 1) This is the sister clamp to the HP-Y, but the upper and lower parts have special mechanisms which do not mark the load.
- 2) It offers multifunctionality in line with the types of sections moved and combined use with chain and lever blocks, etc.
- 3) Because the ring rotates 360° when unloaded, it can be freely positioned in the drawing direction, thus avoiding damage to the load.
- 4) It can also be used for lifting (lifting angle up to 60°).

Dimensions



AQ00609



Specifications

Stock Code	Basic Use Load	Grip Width (min) (max)	A	B	C	D	F	H	I	J	L	Clampweight (kg)
AQ00609	1.1/2 TON	0-30	280	122	38	60	132	40	40	52	65	4.3
AQ00610	3 TON	0-40	360	140	48	65	156	60	40	70	90	7.4

Clamp naming style: (example) Model HP-YF 1 1/2-ton

CAUTION

The clamp grips strongly in left/right, forward/backward, and diagonal directions, but vertical lifting is dangerous, so please do not attempt it.

ENDO Air Hoist EHL-025TS to EHL-6TW

All of ENDO air hoists (EHL series) can provide an over load protection device and emergency stop for the European community market, including a CE declaration. In the latest European Machinery Directive, only hoist exceeding a 1 ton capacity are required to equip an over load protection device. In accordance with this direction, Endo developed an overload protector for hoists exceeding a 1 ton capacity. However ENDO has also developed one for less than 1 ton (500kg). EHL-025TS to EHL-6TW, a rich line up designed to meet the CE regulation, will be more helpful for your various applications.
(Note): An overload protector and emergency stop should be ordered separately as an option since ENDO standard models usually do not include them.)

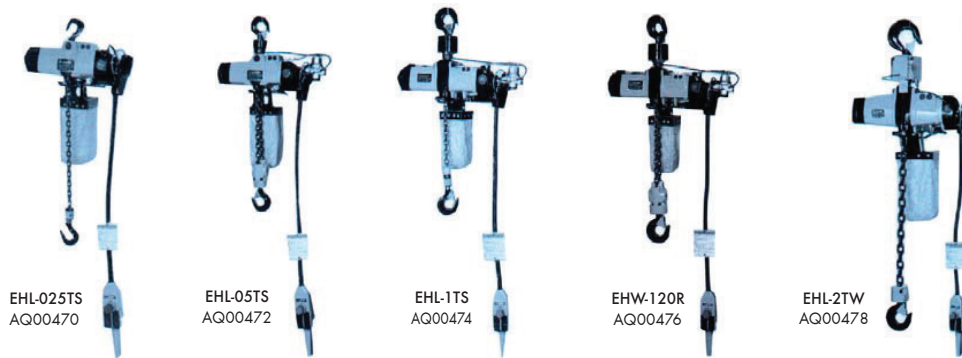
Stock Code	Endo Model	Cap. Tons	Chain Lift	Air pressure MPa (kgf/cm ²)	Lifting Speed m/min	Air Consumption m ³ /min (normal)	Chain Fall x Chain Falls	Air Inlet Rp	Mass kg
AQ00470	EHL-025TS	0.25T	3M	0.4(4)	12.0	0.9	6.3 x 1	1/2	21.4
AQ00471	EHL-025TS & PCS-1B	0.25T	3M	0.5(5) 0.6(6)	16.0 18.0	1.3 1.6			
AQ00472	EHL-05TS	0.5T	3M	0.4(4)	7.5	0.95	6.3 x 1	1/2	21.4
AQ00473	EHL-05TS & PCS-1B	0.5T	3M	0.5(5) 0.6(6)	9.0 10.5	1.3 1.65			
AQ00474	EHL-1TS	1.0T	3M	0.4(4)	3.7	0.95	6.3 X 2	1/2	26.9
AQ00475	EHL1 TW	1.0T	3M	0.5(5)	4.5	1.3			
AQ00476	EHW-120R	0.12T	3M	0.6(6)	5.2	1.65		3/8	9.4
AQ00477	EHL-1TS & PCS-2B	1.0T	3M	0.5(5) 0.6(6)	5.2 6.0	1.4 1.8			
AQ00478	EHL-2TW	2.0T	3M	0.4(4)	2.0	1.0	7.1 x 2	1/2	45.0
AQ00479	EHL-2TW & PCS-2B	2.0T	3M	0.5(5) 0.6(6)	2.6 3.0	1.4 1.8			
AQ00480	EHL-3TS	3.0T	3M	0.4(4)	2.0	1.75	12.5 x 1	3/4	78.0
AQ00481	EHL-3TS & PCS-2B	3.0T	3M	0.5(5) 0.6(6)	2.6 3.0	2.47 3.14			
AQ00482	EHL-6TW	6.0T	3M	0.4(4)	1.0	1.75	12.5 x 2	3/4	99.0
AQ00483	EHL-6TW & PCS-2B	6.0T	3M	0.5(5) 0.6(6)	1.3 1.5	2.47 3.14			



EHL-3TS
AQ00480



EHL-6TW
AQ00482



EHL-025TS
AQ00470

EHL-05TS
AQ00472

EHL-1TS
AQ00474

EHW-120R
AQ00476

EHL-2TW
AQ00478

Material Handling



Series EHW-R Wire Rope Air Hoist

The Series EHW air powered wire rope hoist is offered with pendant-style control. Air power provides the benefits of more precise placement of objects, and no down time need to cool the hoist, as would be the case mwith an electric hoist. These hoists are ready for operation upon receipt. Simply connect the air lines supplying lubricated air. For a complete, turn-key system, add a Conductix-Wamplfer Jib boom from our 401 catalog.

- Ready to use, just connect lubricated air supply.
- Compact and lightweight.
- Conical brake and rotary vane air motor design
- Wire rope diameter: 0.125" (3.18 mm)
- Lift Height: 6.6 feet (1.9 meters)

Stock Code	Model Number	Rated Load		Air Pressure		Lifting Speed		Air Consumption		Air Inlet	Wt	
		lb	(kg)	bar	(PSI)	[m ³ /min]	[ft ³ /min]	[m ³ /min]	[CFM]	in.	lb	(kg)
AQ00476	EHW-120R	264	120	4	58.0	11.0	36.6	0.59	20.8	3/8" NPT	21.4	9.57
				5	72.5	13.5	44.6	0.75	26.5			
				6	87.0	16.0	52.5	0.93	32.8			

Kanazawa Hand Chain Hoist – Model KSB Series



- Meets or exceeds all industrial standards including EN13157:2003 and ASME/ANSI B30.21 requirements.
- Conforms to Machinery Directive 98/37/EC.
- Two ratchet pawls for extra safety.
- Both hooks are hot forged, heat treated swivel, and equipped with safe latch.
- Leaf chain container available to special order.

Stock Code		AQ01057	AQ01059	AQ01061	AQ01063	AQ01065	AQ01067	AQ01068	AQ01069	AQ01070	AQ01071
Capacity	Ton	0.5	1.0	1.5	2.0	3.0	5.0	7.5	10.0	15.0	20.0
Standard Lift	m	2.5	2.5	2.5	3	3	3	5	5	5	5
Proof test load	KN	7.3	14.7	29.4	29.4	44	73.5	117.6	147	220.5	294
Effort required to lift rated load	kg	16	32	33	32	34	42	42	45	47	45
No. of columns of load chain		1	1	1	1	2	2	4	4	8	8
Load Chain	mm	6 x 18	6 x 18	8 x 24	6 x 18	10 x 30	10 x 30	10 x 30	10 x 30	10 x 30	10 x 30
Dimensions (mm)	Amin	295	345	450	440	530	620	735	735	1000	1000
	B	16	21	37	27	46	45	60	60	85	85
	C	22	27	37	30	46	46	52	52	74	74
	D	11	15	25	20	29	30	40	40	56	56
	F	125	147	183	147	215	215	360	360	590	590
	FI	213	232	314	232	333	333	-	-	-	-
	G	-	-	-	-	-	-	252	252	-	-
	H	-	-	-	-	-	-	108	108	108	108
	J	111	125	142	125	163	163	163	163	198	198
	J1	146	153	174	153	179	179	-	-	-	-
	K	52	57	68	57	79	79	79	79	-	-
	L	59	68	74	68	84	84	84	84	99	99
	M	195	224	266	231	316	334	-	-	-	-
N	260	260	310	260	310	310	-	-	-	-	
O	140	140	200	140	200	200	-	-	-	-	
P	110	110	130	110	130	130	-	-	-	-	
Net weight		9	11	18	15	28	39	70	74	85	105

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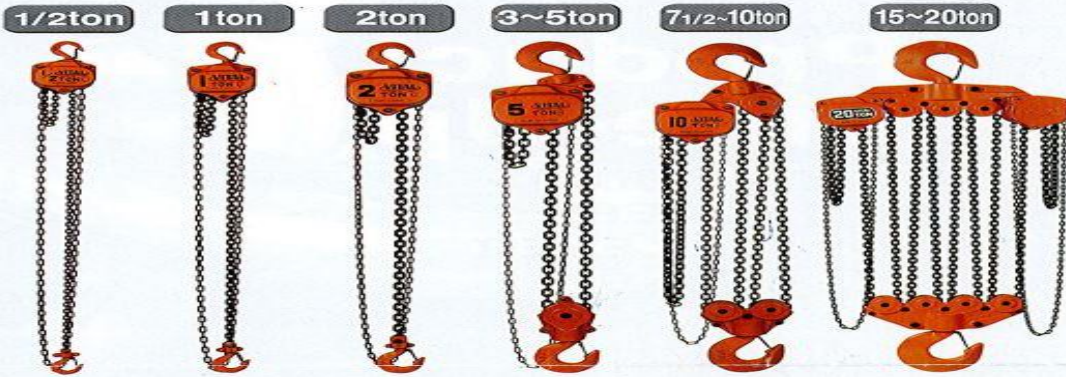
HAND CHAIN HOISTS VH5 VL5 VP5

'VH' Series

With a High-hardened special alloy steel load chain, and equipped With a thrust bearing on the bottom hook (only for the capacity up to 10 tones)

'VL5'-'VP5' Series

With a hardened special alloy steel load chain



Stock code	AQ00001	AQ00003	AQ00005	AQ00007	AQ00009	AQ00011	AQ00013	AQ00014	AQ00028	AQ00015								
Capacity(t)	1/2		1	1-1/2		2	3	5	7-1/2	10	15	20						
Model number	VH5-05	VP5-05 VL5-05	VH5-10	VH510- VL5-10	VH5-15	VP5-15 VL5-15	VH5-20	VP5-20 VL5-20	VH5-30	VP5-30 VL5-30	VH5-50	VP5-50 VL5-50	VH5-75	VL5-75	VH5-90	VL5-90	VH5-92	VH5-93
Standard Lift(m)	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.5	3.5	3.5
Net Weight(kg)	8.6	8.3	11.5	11.3	13.8	13.5	21.6	21.0	23.0	22.0	41.0	40.0	60.5	59.0	78	77.0	150.0	190.0
Head Room(mm)	305	285	345	315	370	340	425	380	505	475	635	600	740	700	760	740	850	870
Pull to Lift Load	(kg)	25	25	33	33	34	34	34	35	35	39	39	41	41	41	41	41X2	41X2
	(N)	245	245	324	324	333	333	333	343	343	382	382	402	402	402	402	402X2	402X2
Test Load(t)	0.75	0.75	1.5	1.5	2.25	2.25	3.0	3.0	4.5	4.5	6.3	6.3	9.5	9.5	12.5	12.5	18.75	25.0

CHAIN HOISTS



Moving products from one place to another



Uprooting trees



Installing under-water pump

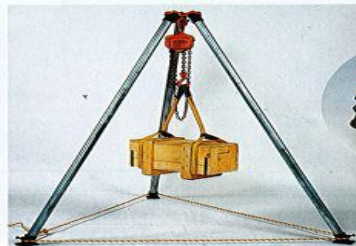


Laying conduits and pipelines

V HANGER

Suspending Head for Chain Block

If logs or iron pipes are at hand a dependable support for the chain block can be easily erected with a single spanner.



VKS-10 (Option)



1 SET (3piece)
Spike (nonskid)

TYPE	Tripod use
CODE NO.	VK-10
WORKING LOAD	1000K
LEGS	Steel pipe 48.6mm
WEIGHT	5.0kg

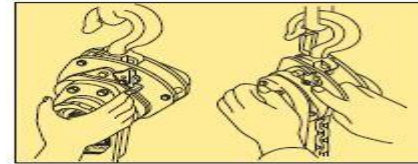
For Lifting, Lowering, Fastening and Pulling.

VITAL[®] LEVER Lever hoists

V LEVER VR2

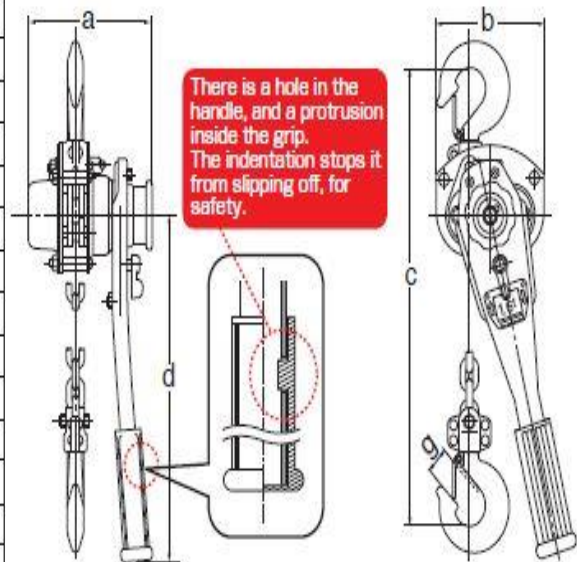
Idling operation:

1. Depress the retaining pawl all the way down and pull the grip ring towards you.
2. The chain can be adjusted up and down by hand.
3. To terminate the idling, set the change lever in the down (↓) position. (See diagram at right). Then, depressing the retaining pawl as far as possible, push the grip ring gently so as to let the pawl engage the outer edge of the retaining plate. Next, grip the grip ring and handle with a single hand and push them while turning them counterclockwise. The retaining pawl returns to its original position.



Material Handling

STOCK CODE		AQ00016	AQ00017	AQ00018	AQ00020	AQ00021
MODEL NUMBER		VR2-08	VR2-10	VR2-15	VR2-30	VR2-60
CAPACITY(T)		0.8	1	1.6	3.2	6.3
STANDARD LIFT(M)		1.5	1.5	1.5	1.5	1.5
NET WEIGHT(KG)		6.9	7.1	9.7	16.3	26.7
MIN. DISTANCE BETWEEN HOOK(MM)		295	310	335	405	550
PULL REQUIRED TO LIFT FULL LOAD	KG	15	20	18	38	39
	N	147	196	177	373	382
CHAIN THICKNESS(MM)		6.3	6.3	7.1	9.0	9.0
DIMENSION	a(mm)	148	148	163.5	191	191
	b(mm)	128	128	148	181	244
	c(mm)	295	310	325	395	550
	d(mm)	256	256	368	368	368
	g(mm)	27	30	34	43	47



KANAZAWA Electric Chain Hoist - Model KEH

Stock Code	AQ01193	AQ01194	AQ01195	AQ01196	AQ01197	AQ01198	
Capacity (t)	1	2	3	5	7.5	10	
Standard Lift (m)	3	3	3	3	3	3	
Hoisting Lift (m)	3 / 9	3 / 9	3 / 9	3 / 9	3 / 9	3 / 9	
Hoisting Speed (m/min)	6.8	6.8	5.8	2.8	1.9	2.8	
Hoisting	Electric Motor (kw)	1.5	3.0	3.0	3.0	3.0	3.0*2
	RPM (r/min)	1440	1440	1440	1440	1440	1440
Motor	Phase	3	3	3	3	3	3
	Voltage (V)	380 / 220	380 / 220	380 / 220	380 / 220	380 / 220	380 / 220
	Frequency (Hz/s)	50*	50*	50*	50*	50*	50*

*60Hz/s on request

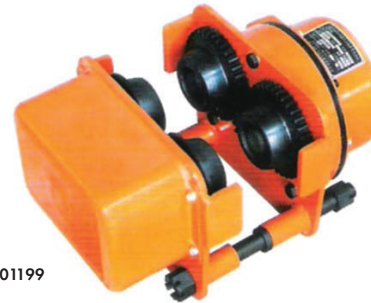


AQ01193

KANAZAWA Electric Trolley Model KET

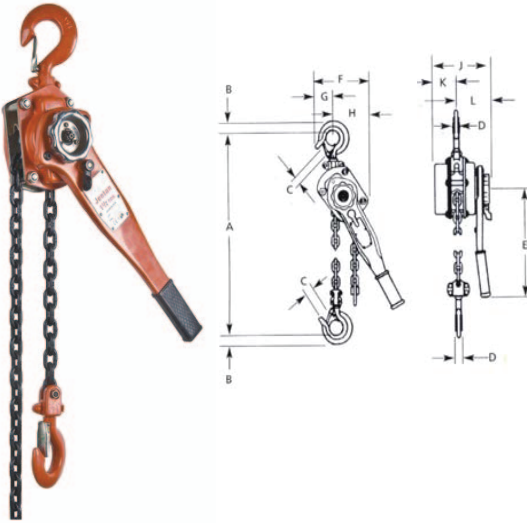
Stock Code	AQ01199	AQ01200	AQ01201	AQ01202	AQ01203	AQ01204	
For Capacity (t)		1	2	3.5	5	7.5	10
	Electric Motor (kw)	/	3.0	3.0	3.0	3.0	3.0*2
Operation Motor	RPM (r/min)	/	1440	1440	1440	1440	1440
	Phase	/	3	3	3	3	3
	Voltage (V)	/	380 / 220	380 / 220	380 / 220	380 / 220	380 / 220
	Frequency (Hz/s)	/	50*	50*	50*	50*	50*
Width of I-Steel (mm)	82 - 153	82 - 153	82 - 153	100 - 178	150 - 220	150 - 220	

*60Hz/s on request



AQ01199

Kanazawa Lever Hoist - HRH Series

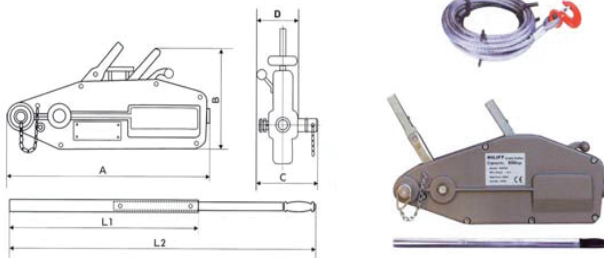


Stock Code	AQ01072	AQ01073	AQ01074	AQ01075	AQ01077	AQ01078	
Capacity	ton	0.5	0.75	1	1.5	3	6
Standard lift	m	1	1	1.5	1.5	1.5	1.5
Proof test load	KN	4	11	1.5(T)	22	44	88
Headroom (drawn close up)	mm	240	321		376	475	495
Effort required to lift rated load	kg	26	15		23	30	33
No. of columns of load chain		1	1	1	1	1	2
Load chain	mm	4 x 12	6 x 18	6 x 3	8 x 24	10 x 30	10 x 3
Dimensions mm	A	240	321		376	475	495
	B	23	23.8		28.6	42.9	50.8
	C	26	28.5		31.8	39.7	43
	D	13	17.5		20.6	31.8	34.5
	E	150	279		413	413	413
	F	55	111	135	121	191	191
	G	25	56		60	86	94
H	30	56		60	106	106	
J	90	151	155	175	200	200	
K	20	60	88	76	86	86	
L	70	90		100	116	116	
Net weight	kg	2.3	6.8	7	12	20	30

Features

- Rugged steel body construction
- Light weight, compact and portable
- Short 360° rotating handle with low handle effort
- Easy free chain pull
- Impact resistant
- Latch-type swivel hooks
- High-tensile alloy chain
- Hook opening before chain break

Cable Puller



Stock Code	AQ01115	AQ01116	AQ01117	
Rated Capacity	kg	800	1600	3200
Rope advance per full stroke cycle		60	60	40
Rope Diameter	mm	8.4	11.5	16
Lever pull at rated load	daN	24	30	50
Proof Test Load	daN	1200	2400	4800
Net Weight (Without cable)	kg	7	14	21
Dimensions	A	430	545	680
	B	240	270	330
	C	64	102	116
	D	60	97	110
L1	mm	-	800	800
L2	mm	800	1200	1200

Kanazawa Bearing Swivel

(Eye - Eye)



AQ01118

Stock Code	Size	S.W.L	Net Wt (kg)
AQ01118	KJJ-101	1 T	1.9
AQ01119	KJJ-102	2 T	2.5
AQ01120	KJJ-103	3 T	4.2
AQ01121	KJJ-105	5 T	8
AQ01122	KJJ-106	10 T	20

Kanazawa Bearing Swivel

(Eye - Jaw)



AQ01123

Stock Code	Size	S.W.L	Net Wt (kg)
AQ01123	KEJ-101	1 Ton	1.9
AQ01124	KEJ-102	2 Ton	2.5
AQ01125	KEJ-103	3 Ton	4.1
AQ01126	KEJ-105	5 Ton	7.4

Kanazawa Vertical Lifting Clamp

KVC Series

Features:

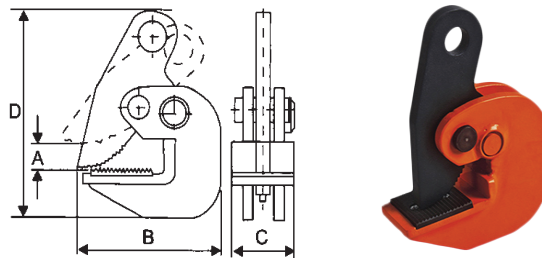
- Pivoting shackle ensures adequate gripping pressure to hold plate safely
- Hardened steel jaws for positive grip and locking mechanism
- Suitable for structural steel up to HRC30/Brinell300
- 150% overload factory tested
- Manufactured according to EC Council Directive 98/37/EC Machinery, American Standard ANSI/ASME B30.20



Stock Code		AQ01091	AQ01092	AQ01093	AQ01094	AQ01095
Rated Capacity	t	0.5	1.0	2.0	3.0	5.0
Proof Test Load	KN	7.35	14.7	29.4	44.1	73.5
Jaw Opening	mm	0-15	0-20	0-25	0-30	0-50
Net Weight	kg	1.9	4.8	6.5	14.8	22.5

Kanazawa Horizontal Lifting Clamp

Stock Code	Model	Rated Capacity (t)	Test Load (t)	Jaw Opening (mm)	N.W (Kg)
AQ01930	0.75T	0.75	1.5	0-25	2.4
AQ01097	1T	1	2	0-30	3.4
AQ01031	2T	2	4	0-35	5.4
AQ01098	3T	3	6	0-40	6
AQ01096	4T	4	8	0-45	6.3
AQ01099	5T	5	10	0-55	7.5



Kanazawa KBC/KBE I Beam Clamp

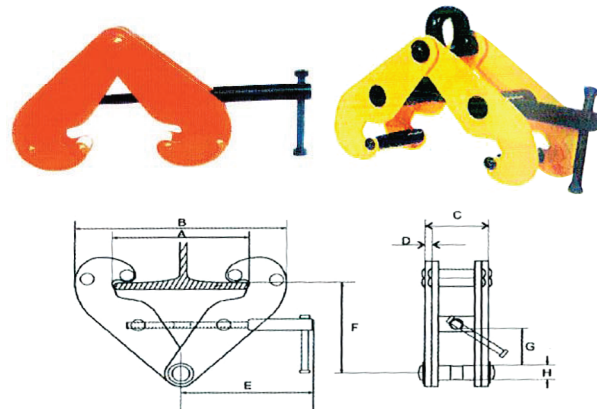
Features:

1. Robust all steel construction with safety operation.
2. Compact size with light weight.
3. Easy to install with minimum headroom.
4. Super-quick in adjustment to any girder width in range.

Stock Code Model		AQ01101 KBC 1	AQ01102 KBC 2	AQ01103 KBC 3	AQ01104 KBC 5	AQ01105 KBC 10
Size	Ton	1	2	3	5	10
Rated Load	kg	1000	2000	3000	5000	10000
Test Load	kN	14.71	29.42	44.13	61.92	125
Flange Width	mm	75-230	75-230	80-320	90-310	90-320
Dimensions (mm)	Max. A	260	260	354	354	400
	Min. B	180	180	235	235	250
	Max. B	360	360	490	490	520
	C	64	74	103	110	120
	D	5	6	8	10	12
	E	215	215	260	260	280
	Max. F	155	155	225	225	230
	Min. F	102	102	140	140	160
	Min. G	25	25	45	45	70
	H	22	22	24	28	44
Net Weight	kg	4.5	5	10.5	11	16
Gross Weight	kg	5.5	8	11.5	12	17
Packing Size	kg	43x10x17	43x10x17	39x14x34	39x14x34	55x17x28

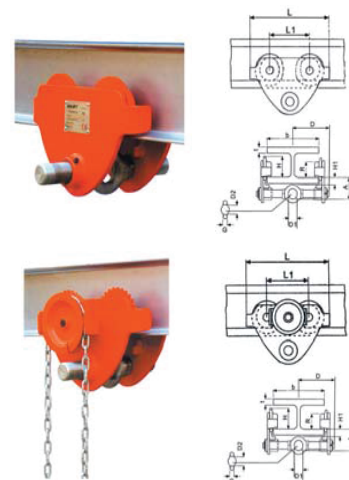
KBC Series

KBE Series



Kanazawa Plain & Gear Trolley

Stock Code	Cap kg	Size	Beam Flange width b mm	Beam Flange Thickness t	A mm	G mm	D1 mm	D2 mm	H mm	H1 mm	L mm	L1 mm	R mm	D mm	Weight (kg)
AQ01079	500	A	50-203	25	77	16	25	30	71.5	30.5	260	130	60	146	8.0
AQ01080	1000	A	50-203	25	82.5	17	30	35	71.5	30.5	260	130	60	150	9.0
AQ01081	2000	A	66-203	25	98.5	22	40	47	95.9	30.5	310	150	80	155	16
AQ01082	3000	A	74-200	25	114	26	48	58	131	30	390	180	112	160	32
AQ01083	5000	A	90-203	25	132.5	33	60	70	142.5	30	450	209	125	167	48
AQ01084	10,000														
Stock Code	Cap kg	Size	Beam Flange width b mm	Beam Flange Thickness t	A mm	G mm	D1 mm	D2 mm	H mm	H1 mm	L mm	L1 mm	R mm	D mm	Weight (kg)
AQ01085	500	A	50-203	25	77	16	25	30	91.5	30.5	260	130	60	146	9.7
AQ01086	1000	A	50-203	25	82.5	17	30	35	91.5	30.5	260	130	60	150	11.2
AQ01087	2000	A	66-203	25	98.5	22	40	47	90.5	30.5	310	150	80	155	18
AQ01088	3000	A	74-200	25	114	26	48	58	107.7	30	390	180	112	160	35.4
AQ01089	5000	A	90-203	25	132.5	33	60	70	149.5	30	450	209	125	167	51.8
AQ01090	10,000														



Material Handling

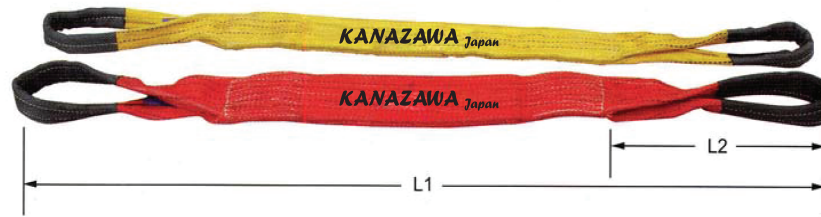
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Flat Webbing Sling – Model KFS

Features:

- Made from high tensile polyester (PES).
- Manufactured according to machine directive 89/392/CE and EN 1492-1
- Low elongation
- Color coded according to EN 1492-1
- UV-resistant, eliminating material ageing or embrittlement
- Moisture-resistant fabric, thus preventing frost damage (up to approx. -40 °C)



Lifting method WLL	SWL IN KG WITH ONE WEBBING SLING					SWL IN KG WITH TWO WEBBING SLINGS				
	Straight	Choke	basket, inclination angle β			angle of inclination β				
			up to $\beta=7^\circ$	up to $\beta=7^\circ-45^\circ$	from to $\beta=45^\circ-60^\circ$	straight up to $\beta=45^\circ$	choke up to $\beta=45^\circ$	straight from-to $\beta=45^\circ-60^\circ$	choke from-to $\beta=45^\circ-60^\circ$	
Factor	1.0	0.8	2.0	1.4	1.0	1.4	1.12	1.0	0.8	
1000kg	Violet	1000	800	2000	1400	1000	1400	1120	1000	800
2000kg	Green	2000	1600	4000	2800	2000	2800	2240	2000	1600
3000kg	Yellow	3000	2400	6000	4200	3000	4200	3360	3000	2400
4000kg	Grey	4000	3200	8000	5600	4000	5600	4480	4000	3200
5000kg	Red	5000	4000	10000	7000	5000	7000	5600	5000	4000
6000kg	Brown	6000	4800	12000	8400	6000	8400	6720	6000	4800
8000kg	Blue	8000	6400	16000	11200	8000	11200	8960	8000	6400
10000kg	Orange	10000	8000	20000	14000	10000	14000	11200	10000	8000
12000kg	Orange	12000	9600	24000	16800	12000	16800	13440	12000	9600

(Violet) ■
1 Ton 25MM=1"

Stock Code	Size
AQ00074	1M
AQ00075	2M
AQ00076	3M
AQ00077	4M
AQ00078	5M
AQ00079	6M
AQ00080	8M
AQ00081	10M

(Green) ■
2 Ton 50MM=2"

Stock Code	Size
AQ00082	1M
AQ00083	2M
AQ00084	3M
AQ00085	4M
AQ00086	5M
AQ00087	6M
AQ00088	8M
AQ00089	10M

(Yellow) ■
3 Ton 75MM=3"

Stock Code	Size
AQ00090	2M
AQ00091	3M
AQ00092	4M
AQ00093	5M
AQ00094	6M
AQ00095	8M
AQ00096	10M

(Grey) ■
4 Ton 100MM=4"

Stock Code	Size
AQ00097	2M
AQ00098	3M
AQ00099	4M
AQ00100	5M
AQ00101	6M
AQ00102	8M
AQ00103	10M

(Red) ■
5 Ton 125MM=5"

Stock Code	Size
AQ00104	2M
AQ00105	3M
AQ00106	4M
AQ00107	5M
AQ00108	6M
AQ00109	8M
AQ00110	10M

(Brown) ■
6 Ton 150MM=6"

Stock Code	Size
AQ00111	2M
AQ00112	3M
AQ00113	4M
AQ00114	5M
AQ00115	6M
AQ00116	8M
AQ00117	10M

(Blue) ■
8 Ton 200MM=8"

Stock Code	Size
AQ00118	2M
AQ00119	3M
AQ00120	4M
AQ00121	5M
AQ00122	6M
AQ00123	8M
AQ00124	10M

(Orange) ■
10 Ton 250MM=10"

Stock Code	Size
AQ00125	3M
AQ00126	4M
AQ00127	5M
AQ00128	6M
AQ00129	8M
AQ00130	10M
AQ00131	12M

(Orange) ■
12 Ton 300MM=12"

Stock Code	Size
AQ00132	3M
AQ00133	4M
AQ00134	5M
AQ00135	6M
AQ00136	8M
AQ00137	10M
AQ00138	12M

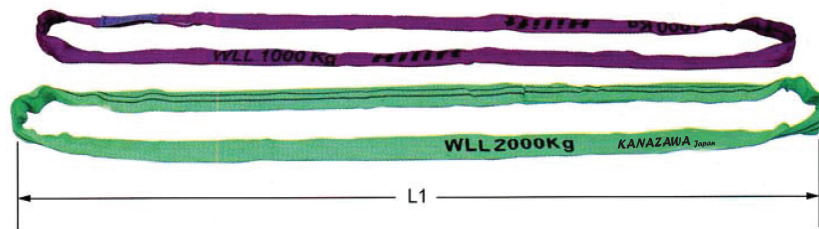
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Round Slings – Model KRS

- The Kanazawa round slings are easy to use, efficient in operation gentle on surface contact.
- They come with a label giving length and tonnage.
- The round sling inner core is made from high tensile polyester fibre which is wound continuously without a join to provide the maximum possible strength.
- This core is protected by a tough woven tubular sleeve also made from polyester without side stitch.
- Polyester round sling with two woven heavy sleeve.
- Manufactured according to machinery directive 98/37/EC and EN1492-2.
- Colour coded according to EN1492-2.
- Capacity stripes: each stripe is equal to 1 tonne capacity.
- The safe working load is clearly and continuously printed on the sleeve.
- Low elongation, extremely wear-resistant.



WLL	Lifting method	SWL IN KG WITH ONE ROUND SLING							SWL IN KG WITH TWO ROUND SLINGS			
		Straight Lift	Choke Hitch	basket, inclination angle β					angle of inclination β			
				up to $\beta=7^\circ$	up to $\beta=7^\circ-45^\circ$	from-to $\beta=45^\circ-60^\circ$	up to $\beta=45^\circ$	from-to $\beta=45^\circ-60^\circ$	straight up to $\beta=45^\circ$	choke up to $\beta=45^\circ$	straight from-to $\beta=45^\circ-60^\circ$	choke from-to $\beta=45^\circ-60^\circ$
Factor	1.0	0.8	2.0	1.4	1.0	0.7	0.5	1.4	1.12	1.0	0.8	
1000kg	Violet	1000	800	2000	1400	1000	700	500	1400	1120	1000	800
2000kg	Green	2000	1600	4000	2800	2000	1400	1000	2800	2240	2000	1600
3000kg	Yellow	3000	2400	6000	4200	3000	2100	1500	4200	3360	3000	1800
4000kg	Grey	4000	3200	8000	5600	4000	2800	2000	5600	4480	4000	3200
5000kg	Red	5000	4000	10000	7000	5000	3500	2500	7000	5600	5000	4000
6000kg	Brown	6000	4800	12000	8400	6000	4200	3000	8400	6720	6000	4800
8000kg	Blue	8000	6400	16000	11200	8000	5600	4000	11200	8960	8000	6400
10000kg	Orange	10000	8000	20000	14000	10000	7000	5000	14000	11200	10000	8000
12000kg	Orange	12000	9600	24000	16800	12000	8400	6000	16800	13440	12000	9600

(Violet) 1 Ton	(Green) 2 Ton	(Yellow) 3 Ton	(Grey) 4 Ton																																																								
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Material Handling

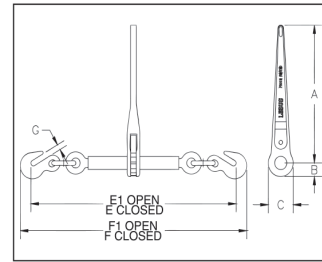
KANAZAWA

ALLINTON ENGINEERING & TRADING PTE LTD
 331 Jalan Besar Singapore 208983
 T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg

Material Handling

L-140 Standard Ratchet Type Load Binders

- Meets or exceeds requirements of US DOT FMCSA Part 393 Subpart I.
- Upgraded for use with Grades 70, 80 and 100 Chain.
- Utilizes standard Crosby A-323 Alloy Eye Grab Hooks.
- New design "one piece" forged handle.
- Continuous take-up feature provides finite adjustment to tie down load.
- One piece assembly, no bolts or nuts to loosen.
- Ratchet spring is rust proofed.
- All load bearing or holding parts forged.
- Easy operating positive ratchet.
- Binders shown with Proof Loads have been individually proof tested to values shown, prior to shipment.

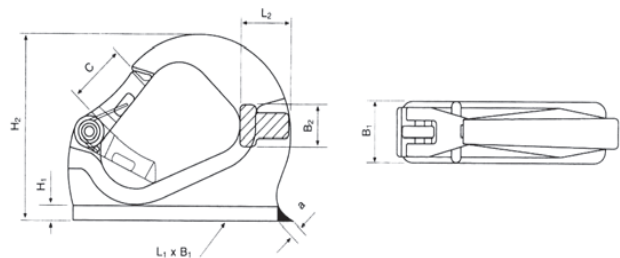
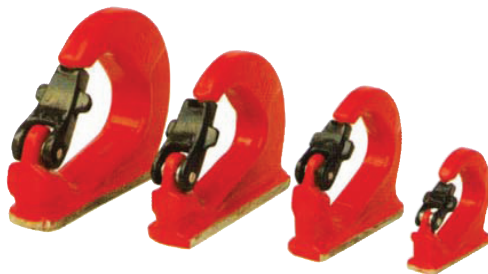


Model	Stock No.	Min-Max Chain Size (in.)	Working Load Limit (lbs.)*	Proof Load (lbs.)	Weight Each (lbs.)	Handle Length (in.)	Barrel Length (in.)	Take Up (in.)	Dimensions (in.)							
									A	B	C	E	E1	F	F1	G
R-7 **	AQ 48404	5/16-3/8	8800	17600	12.11	14	10	8.0	14.00	1.38	2.75	22.94	30.94	25.13	33.13	.50
R-A **	AQ 48422	3/8-1/2	15000	30000	14.70	14	10	8.0	14.00	1.38	2.75	25.25	33.25	27.63	35.63	.63
R-C ***	AQ 48440	1/2-5/8	16000	32000	14.55	14	10	8.0	14.00	1.38	2.75	26.38	24.38	29.44	37.44	.72

* Ultimate Load is 3 times the Working Load Limit.
 ** Matches the Working Load Limit of Grade 100 chain for both sizes.
 *** Matches the Working Load Limit of Grade 100 chain for 1/2" size.

Weld-On Hooks – Model KWH

- Universal attachments for use on trucks, excavators, low loaders and spreader beams, etc.
- The forged safety latch has high lateral stability at an ergonomic form.
- Exposed resin coated for added corrosion protection.
- Special material for welding.



Stock Code	Model No.	Capacity kg	Weld Size a	L1 x B1 mm	B2 mm	C mm	H1 mm	H2 mm	L2 mm	Weight kg
AQ01208	KWH10	1000	4	90x25	17	24	6	76	22	0.4
AQ01209	KWH30	3000	5	130x35	24	29	8	105	28	1.25
AQ01210	KWH50	5000	5	160x45	30	37	10	132	47	2.35
AQ01211	KWH80	8000	7	170x50	40	47	10	138	50	3.6

Material Handling

Girders, bars, pipes, block, rails



RT
Round bars and Pipes clamps

Stock Code	Grab / Prise mm	WLL / Clamp CMU / Pince kg
AQ03666	50-100	500
AQ03667	100-200	1000
AQ03668	200-350	2000
AQ03669	250-450	3000

Civil engineering and building



RB
Manholes hooks Automatic adjustment-Use only by 3

Stock Code	Grab / Prise mm	WLL / 3 kg
AQ03686	40-110	1500
AQ03687	80-170	3000



PB
Clamp for lifting loads with parallel sides

Stock Code	Grab / Prise mm	WLL kg
AQ03670	0-100	500
AQ03671	100-250	500
AQ03672	200-500	500
AQ03673	0-200	1000
AQ03674	200-500	1000
AQ03675	500-800	1000
AQ03676	700-1000	1000



F
Pipes hooks. Use in pair

Stock Code	Grab / Prise mm	WLL / pair (e) kg
AQ03688	0-60	2000
AQ03689	0-75	5000
AQ03690	0-100	10000
AQ03691	0-100	15000



PL
Girders clamp

Stock Code	Grab / Prise mm	WLL / Clamp CMU / Pince kg
AQ03677	95-200	1000
AQ03678	120-350	2000
AQ03679	180-450	3000
AQ03680	120-300	4000

BX
Kerbstone clamp



Stock Code	Grab / Prise mm	WLL kg
AQ03692	1000	100
AQ03693	1000	100
AQ03694	120-130	200

Drums Clamps

VLF
Drums clamp for vertical lifting



Stock Code	Drum Length mm	WLL kg
AQ03681	600	500
AQ03682	600	800

VFR
Semi-automatic drums clamp for vertical lifting



Stock Code	Drum Length mm	WLL kg
AQ03683	400-500	500
AQ03684	500-600	500

Pal Turn
Atiling system from 1 to 20 t WLL which is suitable for handling and tilting heavy or bulky loads in full safety. • Patent pending



AQ03695

Pal Beam
Standart single beam for lifting of various loads Customized from 1 to 4 meters W.L.L. from 1 to 5 tonnes



AQ03696



HF
Semi-automatic drums clamp for horizontal lifting

Stock Code	Drum Length mm	WLL kg
AQ03685	440-920	500

Various Loads
CR

C-hook for lifting and turning coils





Stock Code	Coils Width mm	WLL kg
AQ03697	50-120	500
AQ03698	70-140	1000
AQ03699	100-200	2000
AQ03700	160-330	200



Cargo Lashing – Model KRL

Features:

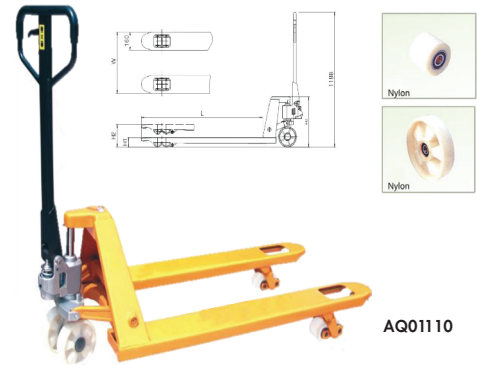
- Produced from high tensile polyester yarns.
- Low elongation, wear-resistant, long-life strap material (100% polyester).
- Various end fittings are available to suit specific lashing needs.
- In accordance with DIN 60060 and EN 12195-2.

Stock Code	Model No.	Size				
			Claw Hook	Chassis Hook	Twisted Snap Hook	Triangle Hook
AQ01923	KRL2035	1½" x 4M	KRL2035A-4	KRL2035C-6	KRL2035D-6	
AQ01924	KRL2035	1½" x 6M	KRL2035A-6	KRL2035C-8	KRL2035D-8	
AQ01925	KRL4050	2" x 6M	KRL4050A-6			
AQ01926	KRL4050	2" x 8M	KRL4050A-8	KRL4050C-8	KRL4050D-8	KRL4050E-8
AQ01927	KRL4050	2" x 10M	KRL4050A-10	KRL4050C-10	KRL4050D-10	KRL4050E-10
AQ01928	KRL10075	3" x 8M	KRL10075A-8			
AQ01929	KRL10075	3" x 10M	KRL10075A-10			



KANAZAWA Pallet Truck

Stock Code	AQ01106	AQ01107	AQ01108	AQ01109	AQ01110
Model	KPT 520/800	KPT 680/1200	KPT 520/1200	KPT 550/1150	KPT 685/1220
Load/Ton	2.5	3	2.5	3.0	5.0
Material	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/PU	Nylon/Nylon
Quantity	4/2	4/2	4/2	4/2	4/2
Steering wheel	Ø180x50	Ø180x50	Ø180x50	Ø180x50	Ø180x50
Load roller	Ø80x60	Ø80x60	Ø80x60	Ø80x60	Ø80x70
Lifting height	115	115	115	115	115
Lowered height	85	85	85	85	85
Fork size	800	1220	1150	1150	1220
Overall Fork Width	460	685	550	550	685
Weight(kg)	61.5	81	68	77	106



AQ01110

WSPB SERIES HIGH-LIFTING PALLET TRUCK WITH SINGLE PISTONS

1. Hard chrome plated ram and piston
2. 3-position control, FAST-WORK-DOWN
3. Equipped with overload valve
4. One piece of formed steel "C" channel tapered reinforced forks
5. Tapered fork ends and nylon roller permit easy entry and exit of pallets

STOCK CODE	MODEL NO.	CAPACITY(KG)	WIDTH OVERALL FORKS(MM)	FORK LENGTH(MM)	MIN.FORK HEIGHT(MM)	MAX.FORK HEIGHT(MM)	LOAD ROLLER	STEERING WHEEL	NET. WEIGHT(KG)
AQ01127	1150MM	1000	540	1150	85	800	Nylon polyurethane	Nylon polyurethane rubber	110
AQ01128	1500MM	1500	680	1500	85	800	Nylon polyurethane	Nylon polyurethane rubber	125



AQ01127

WTF-D LIFT TABLE

MODEL		WTF-D350	WTF-D500
STOCK CODE		AQ01133	AQ01134
Capacity	kg	350	500
Min. height of table	mm	415	
Max. height of table	mm	1300	1500
Dim. of table	mm	905X510X50	905X510X50
Handle height	mm	950	
Foot pedal cycles		55about	
Dia. of thr wheel	mm	125	
Net Weight	kg	108	110



AQ01133

KANAZAWA Hand-Hydraulic Stacker

- Ideal for the occasional application of stacking and transporting palletised loads.
- Can be used in many applications with different attachments.
- Available in lifting capacities from 500kg to 1500kg with lifting height 1.600mm.
- Safety control handle with the functions: lifting-driving-lowering, double-action hand pump with separate pump lever from 1200kg.
- Powerful hydraulic unit with large stroke for every pump action, protected by pressure relief valve.
- Lowering speed can be finely metered for sensitive lowering of the load.
- Mast welded from precision profiles.
- Robust frame with two load and two steer rollers, retention is by a parking device.

Stock Code	Model No.	Rated Load kg	Load Center mm	Fork Length mm	Max. width of Fork mm	Lifting Speed mm	Hand Force kg	Outside Side mm	Dead weight kg
AQ01135	HHS 05/15	500	400	800	850	≥35	23	1350 x 1020 x 1900	190
AQ01136	HHS 10/16	1000	475	950	976	≥25	21	1380 x 1020 x 2000	200
AQ01137	HHS 15/16	1500	475	950	976	≥20	40	1400 x 1020 x 2000	265



AQ01135

KANAZAWA Battery Stacker

- Suitable for occasional application of stacking and transporting palletised loads, also in confined areas.
- Can be used in many applications with different attachments.
- Available in lifting capacities up to 1500kg and maximal fork height 3500mm.
- Easy to operate via tie-rod guides to both steer wheels.
- Compact electric/hydraulic lifting device, overload protection and finely metered lowering of load through pressure relief valve and adjustable lowering valve.
- Mast welded from precision profiles, fork carriage with maintenance free guide rollers.
- Robust frame with two load and two steer rollers, retention is by a parking device.
- Battery and battery charger are supplied with the unit.

Stock Code	Model No.	Rated Load kg	Lifting Height mm	Load Center mm	Fork Length mm	Max. Width of Fork mm	Lifting Speed cm/s	Motor Power kW	Battery mm	Battery Charger	Dead Weight kg
AQ01138	HES 05/15	500	1500	400	800	850	10	0.8	90AH/12V	15AH/12V	150
AQ01139	HES 10/16	1000	1600	475	950	970	8	1.6	150AH/12V	15AH/12V	212
AQ01140	HES 15/16	1500	1600	475	950	970	10	1.6	150AH/12V	15AH/12V	285



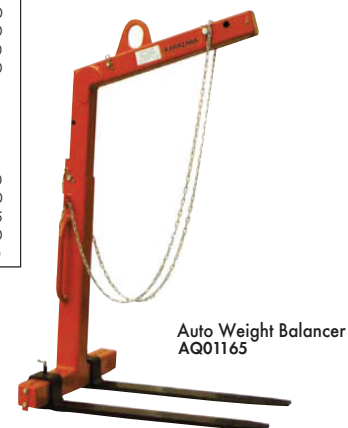
AQ01138

KANAZAWA Crane Fork

- All the crane forks are in conformity with Europe.
- Union safety standard.
- Four-insurance to avoid crack.
- All the spare parts are free-maintenance.
- For round goods, only close up the forks.
- Adjust the fork distance according to the size of tray.
- Proof factory tested with 1.5 times the rated capacity.
- Manufactured according to EU machinery directive 98/37/EC.

Stock Code	Model No.	Type	WLL t	Weight kg	Adjusting range mm	Effective Height mm	Length of Fork mm	Fork Cross Section mm	Height mm
AQ01155	HCF 1.0m	m:	1.0	110	350-900	1100	1000	100 x 30	1390
AQ01156	HCF 1.5m	Manual weight balancer	1.5	130	350-900	1300	1000	100 x 40	1600
AQ01157	HCF 2.0m		2.0	170	400-900	1300	1000	120 x 40	1640
AQ01158	HCF 3.0m		3.0	210	450-900	1300	1000	120 x 50	1670
AQ01159	HCF 5.0m		5.0	290	530-1000	1300	1000	150 x 60	1700
AQ01160	HCF 1.0mh	mh:	1.0	130	350-900	1100-1600	1000	100 x 30	1390-1890
AQ01161	HCF 1.5mh	Manual weight balancer, adjustable height	1.5	150	350-900	1300-2000	1000	100 x 40	1600-2300
AQ01162	HCF 2.0mh		2.0	200	400-900	1300-2000	1000	120 x 40	1640-2340
AQ01163	HCF 3.0mh		3.0	250	450-900	1300-2000	1000	120 x 50	1670-2370
AQ01164	HCF 5.0mh		5.0	370	530-1000	1300-2000	1000	150 x 60	1700-2400
AQ01165	HCF 1.0as	as:	1.0	120	350-900	1100	1000	100 x 30	1420
AQ01166	HCF 1.5as	Automatic weight balancer	1.5	140	350-900	1300	1000	100 x 40	1650
AQ01167	HCF 2.0as		2.0	195	400-900	1300	1000	120 x 40	1855
AQ01168	HCF 3.0as		3.0	235	450-900	1300	1000	120 x 50	1720
AQ01169	HCF 5.0as		5.0	310	530-1000	1300	1000	150 x 60	1710
AQ01170	HCF 1.0ahs	ahs:	1.0	140	350-900	1100-1600	1000	100 x 30	1420-1920
AQ01171	HCF 1.5ahs	Automatic weight balancer, adjustable height	1.5	165	350-900	1300-2000	1000	100 x 40	1650-2350
AQ01172	HCF 2.0ahs		2.0	220	400-900	1300-2000	1000	120 x 40	1655-2355
AQ01173	HCF 3.0ahs		3.0	280	450-900	1300-2000	1000	120 x 50	1720-2420
AQ01174	HCF 5.0ahs		5.0	380	530-1000	1300-2000	1000	150 x 60	1710-2410

Manual Weight Balancer AQ01155



Auto Weight Balancer AQ01165

Material Handling

Electric Winch

CWG-10060

Model	CWG-10060	
Load rated (kg)	50Hz 60Hz	250 200
Speed (M/min)	50Hz 60Hz	10~15 12~18
Motor (HP x P)	1 x 4	
Voltage (V)	Single Phase 230V	
Lifting Height (M)	28	
Wire Rope (Ømm x M)	6 x 30	
Shipping Measurement (mm)	L W H	595 275 270
Net Weight (kg)	34	
Gross Weight (kg)	33.5	

AQ00529

CWG-30075

Model	CWG-30075	
Load rated (kg)	50Hz 60Hz	300 250
Speed (M/min)	50Hz 60Hz	12.1~19 14.6~23
Motor (HP x P)	2 x 4	
Voltage (V)	Single Phase 230V	
Lifting Height (M)	38	
Wire Rope (Ømm x M)	7 x 30m	
Shipping Measurement (mm)	L W H	655 262 350
Net Weight (kg)	44	
Gross Weight (kg)	46	

AQ00530

CWG-30151

Model	CWG-30151	
Load rated (kg)	50Hz 60Hz	500 450
Speed (M/min)	50Hz 60Hz	13~17 15~20
Motor (HP x P)	2 x 4	
Voltage (V)	Single Phase / 3 Phase 220V, 380V, 415V	
Lifting Height (M)	58	
Wire Rope (Ømm x M)	8 x 55m	
Shipping Measurement (mm)	L W H	1060 440 560
Net Weight (kg)	120	
Gross Weight (kg)	150	

AQ00533

CWG-10201H-High Speed

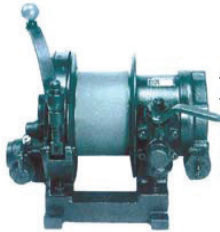
AQ00534

Model	CWG-10201H	
Load rated (kg)	50Hz 60Hz	250 200
Speed (M/min)	50Hz 60Hz	16~23 19~28
Motor (HP x P)	1.5 x 4	
Voltage (V)	Single Phase 220V, 230V, 240V	
Lifting Height (M)	28	
Wire Rope (Ømm x M)	6 x 30	
Shipping Measurement (mm)	L W H	620 280 300
Net Weight (kg)	38.5	
Gross Weight (kg)	40	

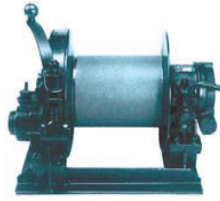
MODEL: CWG-30375, 30565, 30750, 31500, 34000

Stock Code	Model CWG-	Load Rated (kg) 50Hz/60Hz	Speed (m/min) 50Hz/60Hz	Motor (HPXP)	Voltage (V)	Lifting Height (M)	Wire Rope (fMM x M)	Hole Dimension (mm)			Winch Dimension (mm)			Shipping Measurement (mm)			Net Weight (kg)	Gross Weight (kg)
								A	B	C	D	E	F	L	W	H		
AQ00535	DU-212	1000	13 - 20.6 8.5 - 13.5	3 x 6	THREE PHASE 380/415V	58	10 x 55	4~f19	500	370	960	400	445	1120	600	720	185	220
AQ00537	DU-213	2000	7 - 12.5 4.6 - 8.3	5 x 6	380V 415V	97	12 x 70	4~f22	600	499	1160	565	650	1350	710	820	400	450
AQ00538	DU-214	3000	6.3 - 8.8 4.6 - 6.6	7.5 x 6	440V	144	16 x 70	8~f30	847	680	1431	740	860	1600	790	1050	800	860
AQ00539	DU-215	5000	8.0 - 12.0 5.3 - 8.0	15 x 4		192	18 x 70	8~f32	920	680	1860	740	905	2100	800	1100	1150	1230

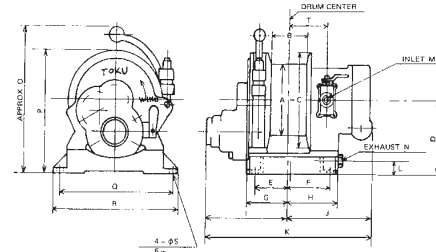
Air Winch



TAW-200 16044A
TAW-300 AQ00512



TAW-500 AQ00513
TAW-1000 AQ00514
TAW-1500 AQ00515
TAW-2000 AQ00516



Features

- Drum disengagement devise
- Compact & light weight
- Marine use standard
- Automatic safety brake
- Secondary manual brake
- Free speed control
- Remote control system available
- Explosion proof motor
- Simple maintenance
- Easy operation

Specification

Stock Code	Model No.	Capacity		Wire Rope		Air Pressure	Rope Speed		Air Consumption		Net Weight		Hose Size	Air Inlet
		kg	lb	(mm) x (m)	(in) x (ft)	(kg/cm ²)	(m/min) x (ft/min)	(m ³ /min)	(cfm)	(kg)	(lb)	(mm) (in)		
AQ00512	TAW-300	300	600	6 x 60	1/4 x 200	4	15	49	1.7	59.5	42.5	93.5	19 ³ / ₄	P.T. ³ / ₄
						5	20	66	2.7	94.5				
						6	27	89	3.4	119				
AQ00513	TAW-500	500	1100	8 x 100	5/16 x 333	4	12	39	1.7	59.5	70	154	19 ³ / ₄	P.T. ³ / ₄
						5	16	52	2.7	94.5				
						6	20	66	3.4	119				
AQ00514	TAW-1000	1000	2200	10 x 100	3/4 x 333	4	4.0	13	1.7	59.5	88	195.5	19 ³ / ₄	P.T. ³ / ₄
						5	5.2	17	2.7	94.5				
						6	6.7	22	3.4	119				
AQ00515	TAW-1500	1500	3300	12 x 80	3/4 x 266	4	3.0	10	1.7	59.5	88	195.5	19 ³ / ₄	P.T. ³ / ₄
						5	4.3	14	2.7	94.5				
						6	5.5	18	3.4	119				
AQ00516	TAW-2000	2000	4400	16 x 65	5/8 x 215	4	3.0	10	2.5	87.5	130	286	19 ³ / ₄	P.T. ³ / ₄
						5	4.0	13	3.2	115.5				
						6	5.0	16	4.2	147				

Dimension in mm

Model No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
TAW-200	140	75	190	145	73	92	88	107	169	177	346	-	P.T. ³ / ₄	-	345	240	228	258	11	92
TAW-300	158	102	238	160	87	103	102	118	184	193	377	-	P.T. ³ / ₄	-	360	279	260	282	11	124
TAW-500	180	150	308	225	200	160	220	180	255	219	474	58	P.T. ³ / ₄	P.T. ¹ / ₄	455	379	310	350	14	171
TAW-1000	200	243	340	225	254	208	270	226	317	266	583	58	P.T. ³ / ₄	P.T. ¹ / ₄	475	395	310	350	14	171
TAW-1500	200	243	340	225	254	208	270	226	317	266	583	58	P.T. ³ / ₄	P.T. ¹ / ₄	475	395	310	350	14	171
TAW-2000	300	236	460	286	250	206	270	226	317	266	583	58	P.T. ³ / ₄	P.T. ¹ / ₄	587	516	420	460	14	171

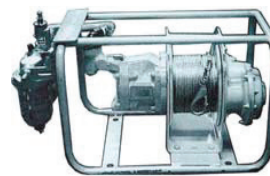
Air Mucking Winch

Special Features

1. Build In Patented Automatic Brake
2. Totally Enclosed Gear Section
3. Light Weight & Compact Size
4. High Speed Lifting
5. Detachable Leg Frame
6. Load Test To 125% of Rated Capacity

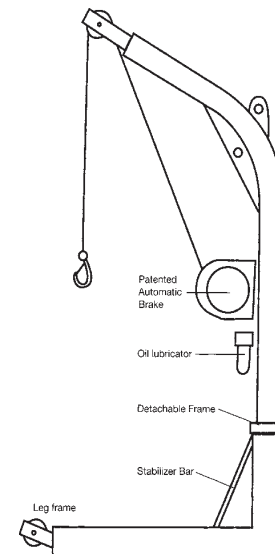
Standard Accessories

- Oil Lubricator
- Hook
- 40 metre wire rope (max. 60 meter)
- Cage Frame or Leg Frame
- Manufacturer Test Certificate



AQ00545
Cage Frame

Code No.	Model No.	IMPA Code	Capacity	Speed	Drum Capacity	Air Data	Winch Height	Winch with Cage Frame	Winch with Leg Frame	Inlet Size	Hose Size
AQ00545	TMW-75	590602	75kg	50m/min	4mm x 40mm	50cfm	18kg	24kg	52kg	1/2"	1/2"
AQ00546	TMW-100	590603	100kg	48m/min	4mm x 40mm	57cfm	20kg	26kg	54kg	1/2"	1/2"
AQ00547	TMW-150	590604	150kg	45m/min	5mm x 40mm	66cfm	22kg	28kg	56kg	1/2"	1/2"



Material Handling

KANAZAWA

ALLINTON ENGINEERING & TRADING PTE LTD
331 Jalan Besar Singapore 208983
T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg

Material Handling

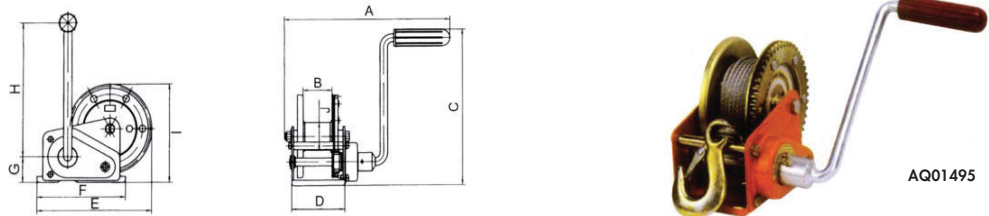
Crane Scale LCD Display – Model KCS



- A compact measuring device for weighing loads lifting.
- Appropriate tackle can be attached to assist in the lifting and weighing.
- The crane weighers have liquid crystal display (LCD), which can tare as well as show either the gross or net loads.
- It also indicates the load protection at 110% of the gross weight and the status of the battery.
- Conforms to CE safety standard.

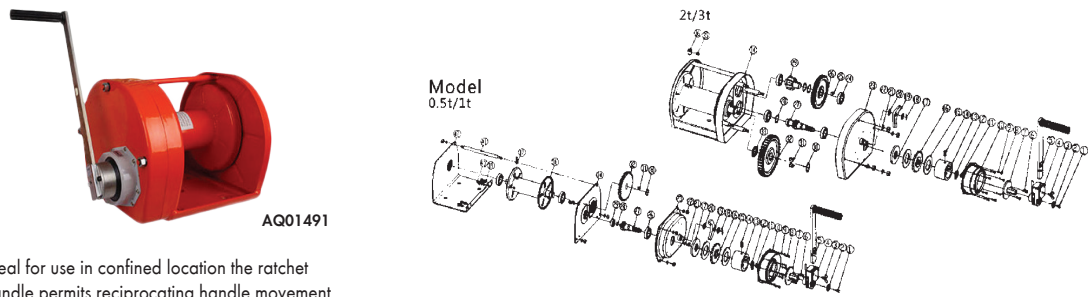
Stock Code	Model	Measuring Range (t)	Indexing Accuracy (kg)	Resolution Step (kg)	Dimensions			N.W. (kg)	Packing Size (mm)
					A (mm)	B (mm)	C (mm)		
AQ01212	KCS05	0-0.5	0.2	4	315	430	540	10	470 x 260 x 410
AQ01213	KCS10	0-1	0.5	10	315	430	540	25	470 x 260 x 410
AQ01214	KCS20	0-2	1	20	315	430	540	25	470 x 260 x 410
AQ01215	KCS30	0-3	1	20	315	430	540	25	470 x 260 x 410
AQ01216	KCS50	0-5	2	40	315	570	710	30	470 x 260 x 410
AQ01217	KCS100	0-10	5	100	355	650	820	60	780 x 360 x 420
AQ01218	KCS150	0-15	5	100	355	740	930	60	780 x 360 x 420

Hand Winch Automatic Brake



Stock Code	Mod	Capacity		Gear Ratio	Dimension										Handle force (N)	Net weight (kg)
		kg	lb		A	B	C	D	E	F	G	H	I	J		
AQ01495	KWB 100	450	992	3.5:1	288.5	50	252	92	179.5	140	38	200	143.5	45	160	3.1
AQ01496	KWB 120	500	1102	4.25:1	288.5	50	252	92	181.5	140	38	200	146	45	160	3.3
AQ01497	KWB 140	600	1322	5.3:1	288.5	50	252	92	184	140	38	200	148	45	160	3.7

JTHW-B Hand Winch



Ideal for use in confined location the ratchet handle permits reciprocating handle movement in both directions for hoisting and lowering loads.

Stock Code	Model	Safe Working Load (t)	Test load (kN)	Adopted wire rope dia x length (m)	Transmission ratio	The max length of link-pole action (mm)	Min-force of hand turn (N)	Dimension (mm)										Net Weight (kg)
								A	B	C	D	E	F	H	I	J		
AQ01491	0.5t	0.5	6.125	∅6.3 x 40	4.33:1	350	120	∅60	∅140	150	100	∅15	403	182	130	245	14.4	
AQ01492	1	1	12.25	∅8 x 40	12.19:1	350	120	∅76	∅175	154	110	∅18	443	214	170	266	19.7	
AQ01493	2	2	24.5	∅9 x 40	22.68:1	350	130	∅90	∅190	195	155	∅18	490	230	170	300	25.1	
AQ01494	3	3	36.75	∅12.5 x 40	29.16:1	350	180	∅100	∅230	205	155	∅18	549	296	170	365	44.3	

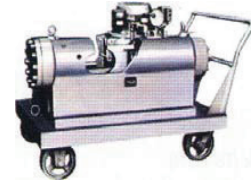
Hydraulic Wire Rope Cutter



Wave Dragon



AQ01917



Stock Code	Cutting Capacity	L x W x H m/m	Weight kg
AQ01911	20m/m 3/4"	310 x 90 x 152	10
AQ01912	30m/m 1 3/16"	380 x 105 x 180	15
AQ01913	40m/m 1 5/8"	400 x 120 x 200	20
AQ01914	50m/m 2"	485 x 130 x 220	30
AQ01915	60m/m 2 3/8"	630 x 175 x 270	70
AQ01916	100m/m 4"	1000 x 600 x 360	200

Stock Code	Model	Cutting range (mm)	Blade Irave (mm)	Force exerted on Handle (N)	Net weight (kg)	Max. Overall size (mm)
AQ01917	B30	8-30	30	300	18.5	440 X 130 X 190
AQ01918	BC40	8-40	63	400	34	510 X 155 X 215
AQ01919	D50	8-50	63	400	34	510 X 155 X 215

Stock Code	Cutting Capacity	L x W x H m/m	Weight kg
AQ01920	40mm	1.5kW . 200V 2HP	380
AQ01921	60mm	2.2kW . 200V 3HP	500
AQ01922	100mm	2.2kW . 200V 3HP	750

Wire Rope Cutter

Stock Code	Capacity	Height	Base	Weight
AQ02139	5/8"	6"	3 1/2"	7 lbs
AQ02140	1 1/16"	7"	6 1/4"	15 lbs
AQ02141	1 1/2"	9"	7 3/4"	28 lbs



AQ02139



AQ02140



AQ02141

GALV'D Wire Rope 6 x 24 (220MTR)

Stock Code	Size	Stock Code	Size
AQ00615	2mm	AQ00621	10mm
AQ00616	3mm	AQ00622	12mm
AQ00617	5mm	AQ00623	16mm
AQ00618	6mm	AQ00624	19mm
AQ00619	8mm	AQ00625	22mm
AQ00620	9mm	AQ00626	25mm



AQ00615

Typical Cross-Section

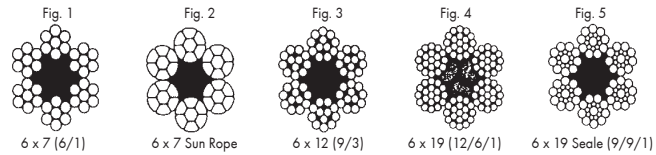


Fig. 1 6 x 7 (6/1) Fig. 2 6 x 7 Sun Rope Fig. 3 6 x 12 (9/3) Fig. 4 6 x 19 (12/6/1) Fig. 5 6 x 19 Seale (9/9/1)

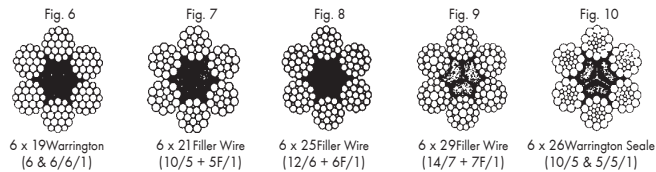
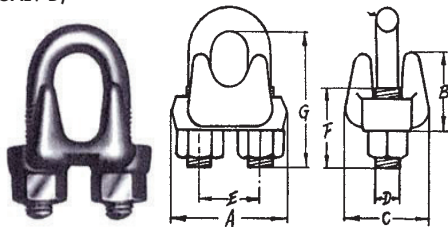


Fig. 6 6 x 19 Warrington (6 & 6/6/1) Fig. 7 6 x 21 Filler Wire (10/5 + 5F/1) Fig. 8 6 x 25 Filler Wire (12/6 + 6F/1) Fig. 9 6 x 29 Filler Wire (14/7 + 7F/1) Fig. 10 6 x 26 Warrington Seale (10/5 & 5/5/1)

Wire Rope Clip (GALV'D)

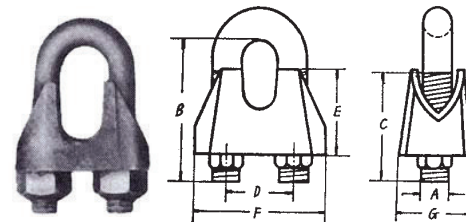
AQ00627

Stock Code	Size
AQ00627	3mm
AQ00628	5mm
AQ00634	16mm



Wire Rope Clip (MALLEABLE)

AQ00638



Stock Code	Size	A	B	C	D	E	F	G	100WT/PCS kg
AQ00629	6	22.5	14	17	5	12	14	24.8	2.1
AQ00630	8	28	17	21	6	15	16	30.66	3.7
AQ00631	10	38	21	28	8	19	20	37.95	8.5
AQ00632	12	45	27	34	10	24	25	47.55	16
AQ00633	14	52	32	40	12	29	30	57.15	25
AQ00635	19	62	38	46.5	14	36	36	71.73	43
AQ00636	22	69	43	51.5	16	40	39	78.73	60
AQ00637	25	76	50	56	18	43	44	90.4	82
AQ01052	28	85	57	62	20	48	48	96.9	112
AQ01053	32	93	61	67	22	55	51	110.4	150
AQ01054	40	111	73	81	24	64	62	122.5	254
AQ01055	45	123	86	88	27	72	70	139.5	343
AQ01056	50	135	95	95	30	80	88	156	456

Stock Code	Size	A	B	C	D	E	F	G	100WT/PCS kg
AQ00638	3/8	3	20	12	9	9.5	19	12	1.3
AQ00639	7/16	5	26.3	14	11	10.8	22	13.5	16
AQ00640	1/4	6	26	14	12.5	11.5	25	15.5	2.4
AQ00641	5/16	8	31	16	15.5	16	31	18	3.7
AQ00642	3/8	9	37.5	20	21	20	40	22	8.1
AQ00643	1/2	12	46.4	24	25	26	47	25	14.6
AQ00644	5/8	14	57.1	28	30	31	55	28	23.2
AQ00645	3/4	16	64.25	40	33	35	58.5	28.5	0.3
AQ00646	7/8	19	71	34	36.5	36	65	31	45
AQ00647	1	22	77.4	38	40	43	72	36	58.1
AQ00648	1	25	88.1	44	45	48	80	40	89.2

Material Handling

Turn Buckle

Hook and Hook (TB-H/H)

Stock Code	Size	E (m/m)	T.L. (Ton)	W/Pe-kg
AQ00649	1/4"	9	0.04	0.112
AQ00650	5/16"	9	0.08	0.215
AQ00651	3/8"	11	0.15	0.29
AQ00652	1/2"	16	0.35	0.57
AQ00653	5/8"	19	0.7	1.03
AQ00654	3/4"	20	1.0	1.77
AQ00655	7/8"	21	1.5	2.6
AQ00656	1"	26	2.0	3.73

AQ00649



Hook and Eye (TB-H/E)

Stock Code	Size	T.L. (Ton)	W/Pe-kg
AQ00657	1/4"	0.04	0.114
AQ00658	5/16"	0.08	0.218
AQ00659	3/8"	0.15	0.293
AQ00660	1/2"	0.35	0.585
AQ00661	5/8"	0.7	1.05
AQ00662	3/4"	1.0	1.78
AQ00663	7/8"	1.5	2.58
AQ00664	1"	2.0	3.77

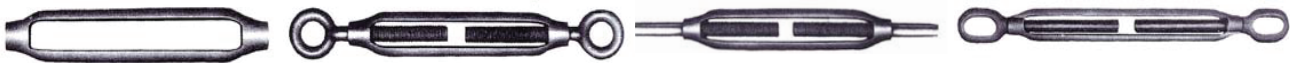
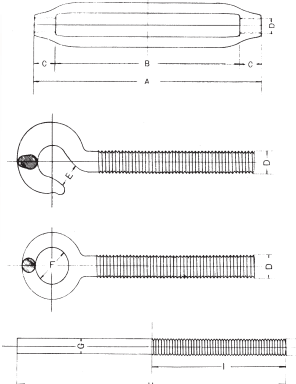
AQ00657



Oval Eye and Eye (TB-e/E)

Stock Code	Size
AQ00665	1/4"
AQ00666	5/16"
AQ00667	3/8"
AQ00668	1/2"
AQ00669	5/8"
AQ00670	3/4"
AQ00671	7/8"
AQ00672	1"

AQ00665



① Body Only (TB-B)
16116

② Eye and Eye (TB-E/E)
16117

③ With Stubs (TB-S/S)
16121

④ Long Frame Turnbuckle
with Eye and Eye (TB-%)
16122

Nominal		Body Only						Eye and Eye			Long Frame			With Stubs			
Size (D)		A		B	C	T.L.	W/Pce	F	T.L.	W/Pce	Dia x Outside	Indise Dia	W/Pce	H	I (±)	G	W/Pce
m/m	in	m/m	in	m/m	m/m	Ton	kg	m/m	Ton	kg	Length of Frame m/m	of Fye m/m		m/m	m/m	m/m	kg
6	1/4	100	4	78	11	1	0.08	10	0.1	0.116	19 x 510	37	2.9	80	50	5.3	0.112
8	5/16	125	5	100	12.5	1.2	0.15	12	0.2	0.22	22 x 520	31 x 50	3.8	100	63	6.9	0.22
9	3/8	150	6	120	12.5	1.5	0.17	16	0.5	0.295	25 x 520	33 x 70	5.2	130	75	8.3	0.273
12	1/2	200	8	164	18	2	0.29	20	2	0.6	25 x 900	33 x 70	8.0	150	100	11.2	0.51
16	5/8	250	10	202	21.5	3	0.52	22	3	1.07	32 x 375	36 x 70	9.8	180	125	14.2	0.95
19	3/4	300	12	250	25	4	0.85	28	4	1.79	32 x 900	36 x 70	-	220	150	17.2	1.62
22	7/8	325	13	269	28	5	1.17	33	5	2.55	38 x 900	40 x 80	-	250	165	20.3	2.34
25	1	350	14	285	32.5	6	1.69	35	6	3.8	-	-	-	270	175	23.3	3.27
32	1 1/4	400	16	310	45	8	3.51	36 x 70	10	7.6	-	-	-	300	200	29	6.52
38	1 1/2	450	18	350	55	10	5.08	40 x 80	15	13.5	-	-	-	330	225	38	13
44	1 3/4	500	20	386	57	-	9.0	-	-	-	-	-	-	-	250	44	-
50	2	550	22	420	65	-	11.5	-	-	-	-	-	-	-	275	50	-

Towing and Lifting Gears Specialists

Manufacturers & Suppliers of Wire Rope Slings, Wire Ropes, Cargo Nets, Nylon Ropes, Lashing Materials. Testing Facilities available up to 150,000 kgs. (150 tons)



Standard Type Clamp
with soft eye
AQ16083

Standard Type clamp
with Thimble Eye
AQ16085

Conical Type clamp
with Thimble Eye
AQ16086

Two-Pieces Duplex Sleeves
AQ16087



Standard Type clamp
with Thimble Eye and
Soft Eye.
AQ16084

Single
Leg Sling
AQ16089

Single
with Choker
Hook
AQ16090

2-Leg Bridle Sling
c/w Hooks
AQ16091

3-Leg Bridle Sling
c/w Hooks
AQ16092

GROMMET SLING
AQ16088

Sling Assemblies



AQ16094
Single-leg with master
and hook.

AQ16095
Collar sling with
egg link each end.

AQ16096
Collar sling with
master each end.

AQ16097
Two-leg with master
link and hooks.

AQ16098
Two-leg with
shortening clutches.

AQ16099
Three-leg with
master link assembly
and hooks.


AQ16100
Four-leg with
master link assembly
and hooks.

AQ16101
Four-leg with
shortening clutches.

Material Handling

Stainless Steel Chain (Long Link)

Din 763 Link Chin



AQ04678

Size d	Outside width t		Outside width b		Working Load	Test Load	Breaking Load	Weight Perm		
	±MM	MM	MM	+MM						
2.0			22	1.0	8	0.4	25	800	1250	0.06
3.0			26	1.2	12	0.6	55	1050	3200	0.15
5.0		0.5	35	1.8	20	1.0	160	4000	10000	0.43
6			42	2.0	24	1.2	200	5000	12000	0.86
8			52	2.5	32	1.6	400	10000	25000	1.10
9			59	3.0	36	1.8	530	10500	32000	1.41
10		1	65	3.2	40	2.0	630	16000	40000	1.75
12			78	3.6	48	2.3	940	18000	56500	2.55
13			82	4.0	52	2.5	1000	15000	63000	2.95

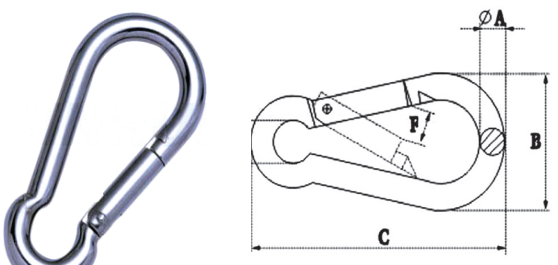
Grade: SS304

Stock Code	AQ04678-M	AQ04679-M	AQ04680-M	AQ04681-M	AQ04682-M	AQ04683-M	AQ04684-M	AQ04685-M	AQ04727-M
Size (mm)	2	3 (1/8")	5.0	6 (1/4")	8	9 (3/8")	10	12 (1/2")	13

Grade: SS316

Stock Code	AQ04728-M	AQ04729-M	AQ04720-M	AQ04686-M	AQ04687-M	AQ04721-M	AQ04722-M	AQ04723-M	AQ04724-M
Size (mm)	2	3 (1/8")	5.0	6 (1/4")	8	9 (3/8")	10	12 (1/2")	13

Stainless Steel Snap Hook



AQ04673

Size	Ø A	B	C	D	F	W.L.L
mm	mm	mm	mm	mm	mm	LBS
5X50	5	25	50	8	7	100
6X60	6	30	60	9	8	140
9X90	9	45	90	12	10	280
12X140	12	67	140	20	19	600
13X160	13	74	160	22	25	700


Grade: SS304

Stock Code	AQ04673	AQ04674	AQ04675	AQ04676	AQ05040
Size (mm)	5 (3/6")	6 (1/4")	9 (3/8")	12 (1/2")	13

Grade: SS316

Stock Code	AQ05041	AQ04677	AQ05042	AQ05043	AQ05044
Size (mm)	5 (3/6")	6 (1/4")	9 (3/8")	12 (1/2")	13

Stainless Steel Fast Swivel Snap




AQ05045

Grade: SS 316

Stock Code	Size		O.L		M.B.L		N.W
	mm	inch	mm	inch	TON	LBS	Kg
AQ05045	16	5/8	86	3.4	0.15	330	0.06
AQ05046	19	3/4	100	4.0	0.20	440	0.10
AQ05047	22	7/8	120	4.7	0.30	660	0.16

Stainless Steel Eye Hook



AQ05048

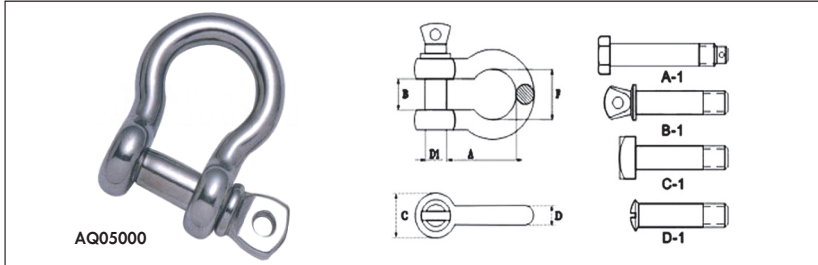
Grade: SS 316

Stock Code	Size		O.L		M.B.L		N.W
	mm	inch	mm	inch	TON	LBS	Kg
AQ05048	19	3/4	105	4.1	0.9	2000	0.15
AQ05049	28	1-1/8	120	4.7	1.2	2600	0.20

Material Handling

Material Handling

Stainless Steel US Type Anchor Shackle



AQ05000

Grade: SS304

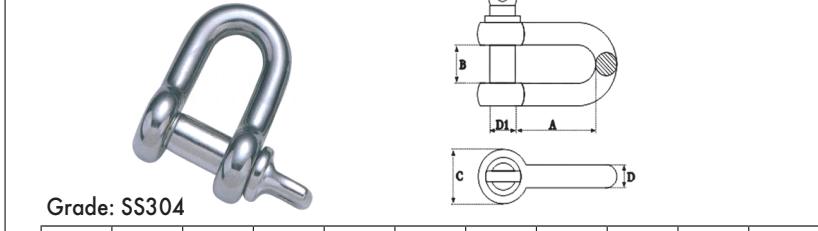
Stock Code	AQ05000	AQ05001	AQ05002	AQ05003	AQ05004	AQ05005	AQ05006	AQ05007	AQ05008	AQ05009
Size (inch)	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"

Grade: SS316

Stock Code	AQ05010	AQ05011	AQ05012	AQ05013	AQ05014	AQ05015	AQ05016	AQ05017	AQ05018	AQ05019
Size (inch)	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"

D	A	B	C	D1	F
inch	mm	mm	mm	inch	mm
3/16	22	9.5	14	1/4	15
1/4	28	12	15.5	5/16	20
5/16	31	13	19	3/8	21
3/8	36	16	23	7/16	26
7/16	42	18	27	1/2	29
1/2	48	21	30	5/8	33
5/8	60	27	38	3/4	43
3/4	71	32	46	7/8	51
7/8	84	36	53	1	58
1	95	43	60	1-1/8	68

Stainless Steel US Type Dee Shackle



Grade: SS304

Stock Code	AQ05020	AQ05021	AQ05022	AQ05023	AQ05024	AQ05025	AQ05026	AQ05027	AQ05028	AQ05029
Size (inch)	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"

Grade: SS316

Stock Code	AQ05030	AQ05031	AQ05032	AQ05033	AQ05034	AQ05035	AQ05036	AQ05037	AQ05038	AQ05039
Size (inch)	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"

D	A	B	C	D1
inch	mm	mm	mm	inch
3/16		9.5	14	1/4
1/4		12	15.5	5/16
5/16		13	19	3/8
3/8		16	23	7/16
7/16	42	18	27	1/2
1/2		21	30	5/8
5/8		27	38	3/4
3/4	71	32	46	7/8
7/8	84	36	53	1
1	95	43	60	1-1/8

Stainless Steel Rigging Hardware



AQ01341

Stainless Steel Turnbuckle, Eye + Hook, SS304

Stock Code	Size	OL (MAX / MIN)		M.B.L		N.W
		inch	mm	TON	LBS	
AQ01341	3/16	160	120	0.15	330	0.04
AQ01342	1/4	220	150	0.30	660	0.08
AQ01343	5/16	290	200	0.05	1100	0.17
AQ01344	3/8	360	250	0.70	1500	0.25
AQ01345	1/2	480	320	1.00	2200	0.55



AQ01356

Stainless Steel Turnbuckle, Jaw + Jaw, SS304

Stock Code	Size	OL (MAX / MIN)		M.B.L		N.W
		inch	mm	TON	LBS	
AQ01356	3/16	170	115	0.45	1000	0.04
AQ01357	1/4	200	130	1.00	2200	0.08
AQ01358	5/16	250	160	2.40	5200	0.17
AQ01359	3/8	320	200	3.30	7200	0.25
AQ01360	1/2	380	250	4.80	10500	0.55



AQ01346

Stainless Steel Turnbuckle, Eye + Eye, SS304

Stock Code	Size	OL (MAX / MIN)		M.B.L		N.W
		inch	mm	TON	LBS	
AQ01346	3/16	160	120	0.45	1000	0.04
AQ01347	1/4	220	150	0.6	1300	0.08
AQ01348	5/16	290	200	1.5	3300	0.17
AQ01349	3/8	360	250	2.5	5500	0.25
AQ01350	1/2	480	320	3.0	6600	0.55



AQ01351

Stainless Steel Turnbuckle, Hook + Hook, SS304

Stock Code	Size	OL (MAX / MIN)		M.B.L		N.W
		inch	mm	TON	LBS	
AQ01351	3/16	160	120	0.15	330	0.04
AQ01352	1/4	220	150	0.30	660	0.08
AQ01353	5/16	290	200	0.50	1100	0.17
AQ01354	3/8	360	250	0.70	1500	0.25
AQ01355	1/2	480	320	1.00	2200	0.55

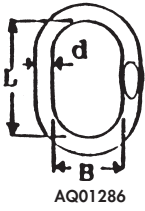


AQ01361

Stainless Steel Swivel Double Pulley, SS304

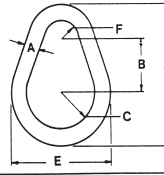
Stock Code	Size	OL		M.B.L		N.W
		inch	mm	TON	LBS	
AQ01361	3/16	160	120	0.45	1000	0.04
AQ01362	1/4	220	150	0.6	1300	0.08
AQ01363	5/16	290	200	1.5	3300	0.17

Material Handling



MASTERLINKS

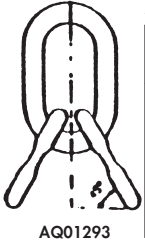
Stock Code	No.	Type	WLL 4:1 T	d mm	B mm	L mm	Weight kg
AQ01286	3	ML13	2.7	13	60	115	0.4
AQ01287	5	ML16	3.2	16	100	190	0.9
AQ01288	7	ML20	6.5	20	90	170	1.3
AQ01289	9	ML22	7.2	22	110	210	1.9
AQ01290	10	ML25	11.3	25	100	290	2.3
AQ01291	12	ML28	11.8	28	140	270	4.0
AQ01292	13	ML32	17.1	32	140	270	5.3



PEAR LINKS

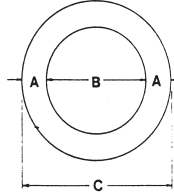
Stock Code	Size (A) (in)	Working Load Limit* Single Pull (lbs.)	Weight Each (lbs.)	Dimensions (in)					
				B	C	D	E	F	
AQ01300	3/8	1800	0.13	1.13	0.75	3.00	2.25	0.38	
AQ01301	1/2	2900	0.55	1.50	1.00	4.00	3.00	0.50	
AQ01302	5/8	4200	1.10	1.87	1.25	5.00	3.75	0.63	
AQ01303	3/4	6000	1.95	2.25	1.50	6.00	4.50	0.75	
AQ01304	7/8	8300	2.78	2.63	1.75	7.00	5.25	0.88	
AQ01305	1	10800	4.30	3.00	2.00	8.00	6.00	1.00	
AQ01306	1 1/4	167500	8.50	4.00	2.50	10.25	7.50	1.25	
AQ01307	1 3/8	20500	11.50	4.13	2.75	11.00	8.25	1.38	

AQ01300
 • Self Colour or Hot Dip Galvanized
 • Forged carbon steel - Quenched and Tempered



MASTERLINKS ASSEMBLY

Stock Code	No.	Type	WLL 4:1 T	Masterlink B x L mm	Intermediate B x L mm	Weight kg
AQ01293	1	MLA13	4.2	70 x 120	54 x 86	1.2
AQ01294	2	MLA16	6.0	90 x 170	70 x 120	2.5
AQ01295	3	MLA20	8.6	90 x 170	80 x 134	3.8
AQ01296	4	MLA22	10.2	100 x 190	80 x 134	4.5
AQ01297	5	MLA25	12.0	110 x 210	90 x 170	6.4
AQ01298	6	MLA28	16.0	140 x 270	100 x 190	9.9
AQ01299	7	MLA32	24.2	140 x 270	140 x 270	18.2



O LINKS

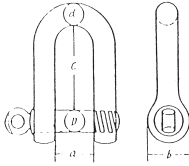
Stock Code	Size (A) (in)	Working Load Limit Single Pull (lbs.)	Weight Each (lbs.)	Dimensions (in)	
				B	C
AQ01308	7/8 x 4	7200	2.70	4.00	5.75
AQ01309	7/8 x 5 1/2	5600	3.40	5.50	7.25
AQ01310	1 x 4	10800	3.50	4.00	6.00
AQ01311	1 1/8 x 6	10400	6.50	6.00	8.25

AQ01308
 • Self Coloured.
 • Forged carbon steel - Quenched and Tempered

Shackles Large Dee Shackles

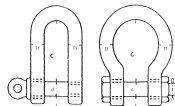


Chain Shackles with screw Pin (Type G210)
AQ00694



Stock Code	W=Safe		d		D		W		S		e		Weight
	Working		d=	D=	W=	S=	e=						
	tons	cwt	0.49w in.	0.56w in.	0.95w in.	1.81w in.	1.21w in.	each/		kg			
AQ00694	5	10	1/4	3/8	1/2	1	3/4	0.11					
AQ00695	10	20	3/8	1/2	3/4	1 1/2	1	0.17					
AQ00696	15	30	1/2	5/8	11/8	2 1/8	1 1/4	0.35					
AQ00697	1	2	5/8	3/4	1 1/4	2 1/2	1 1/2	0.66					
AQ00698	2	4	3/4	7/8	1 1/2	2 7/8	1 3/4	1.02					
AQ00699	3	6	7/8	1	1 3/4	3 1/4	2	1.57					
AQ00700	4	8	1	1 1/8	2	3 3/4	2 1/4	2.30					
AQ00701	6	12	1 1/4	1 3/8	2 3/8	4 1/8	2 3/4	4.30					
AQ00702	7	14	1 3/8	1 1/2	2 5/8	5	3	5.40					
AQ00703	9	18	1 1/2	1 3/4	2 3/4	5 3/8	3 1/2	6.80					
AQ00704	14	28	1 7/8	2 1/8	3 5/8	7	4 1/1	14.30					
AQ00705	16	32	2	2 1/4	3 7/8	7 3/8	4 1/2	20.0					

Hot dipped galvanized or all green
 According to U.S Federal Specification RR-C-271b
 Safety factor: 6 time safe working load
 Material: Both body and pin chrome moly alloy steel, heat-treated.



Safe Working Load	Diam Bow	Diam Pin	Inside Width	Inside Length		Width of Bow	Approx. Weight per 100 pcs		
				Chain	Anchor				
				Type	Type		Screw	Screw	Pin
metric	D mm	d mm	a mm	c mm	c mm	2r mm	Pin kos	Pin kos	Pin kos
tons									
0.33	5	6	10	-	22	16.5	2.25	-	-
0.5	6	8	12	-	28	20	5	-	-
0.75	8	10	13	27	31	21	7.75	-	-
1	10	11	16	31	36	26	14	-	-
1.5	11	13	18	37	43	29	19	-	-
2	13	16	22	43	51	32	34	38	-
3.25	16	19	26	51	64	43	63	70	-
4.75	19	22	31	59	76	51	95	100	-
6.5	22	25	36	73	83	58	155	170	-
8.5	25	28	43	85	95	68	230	260	-
9.5	28	32	47	90	108	75	324	380	-
12	32	35	51	94	115	83	440	480	-
13.5	35	38	57	115	133	92	600	700	-
17	38	42	60	127	146	99	750	850	-
25	45	50	74	149	178	126	1400	1600	-
35	50	57	83	171	197	146	1892	2100	-
55	65	70	105	203	257	185	3175	4200	-
85	75	80	127	230	330	190	-	6900	-
120	89	85	146	267	381	238	-	12000	-

Galv'd Bow-Shackle



Chain Shackles with Screw Pin (Type G209)
AQ00706



Chain Shackles with Screw Pin (Type G2150)
AQ00718



Chain Shackles with Screw Pin (Type G2130)
AQ00735

Stock Code	Size
AQ00706	1/4"
AQ00707	3/8"
AQ00708	1/2"
AQ00709	5/8"
AQ00710	3/4"
AQ00711	7/8"
AQ00712	1"
AQ00713	1-1/4"
AQ00714	1-3/8"
AQ00715	1-1/2"
AQ00716	1-7/8"
AQ00717	2"

Stock Code	Size
AQ00718	1/2 TON
AQ00719	3/4 TON
AQ00720	1 TON
AQ00721	1-1/2 TON
AQ00722	3-1/4 TON
AQ00723	4-3/4 TON
AQ00724	6-1/2 TON
AQ00725	8-1/2 TON
AQ00726	9-1/2 TON
AQ00727	12 TON
AQ00728	13-1/2 TON
AQ00729	17 TON
AQ00730	25 TON
AQ00731	35 TON
AQ00732	55 TON
AQ00733	85 TON
AQ00734	120 TON

Stock Code	Size
AQ00735	1/2 TON
AQ00736	3/4 TON
AQ00737	1 TON
AQ00738	1-1/2 TON
AQ00739	3-1/4 TON
AQ00740	4-3/4 TON
AQ00741	6-1/2 TON
AQ00742	8-1/2 TON
AQ00743	9-1/2 TON
AQ00744	12 TON
AQ00745	13-1/2 TON
AQ00746	17 TON
AQ00747	25 TON
AQ00748	35 TON
AQ00749	55 TON
AQ00750	85 TON
AQ00751	120 TON

Material Handling

GR 8 Chain Components

AQ01312



GR 8 Eye Sling Hook, with Latch, "YP" yellow lacquered.

Stock Code	Model No.	Chain Size		Inside Length		W.L.L.		N.W.
		mm	inch	mm	inch	TON	LBS	
AQ01312	8-044/S-07	7+8	9/32-5/16	95	3.7	2.0	4400	0.52
AQ01313	8-044/S-10	10	3/8	120	4.7	3.2	7000	1.04
AQ01314	8-044/S-13	13	1/2	145	5.7	5.4	12000	1.95

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ01315



GR 8 Eye Sling Hook, without Latch, "YP" yellow lacquered.

Stock Code	Model No.	Chain Size		Inside Length		W.L.L.		N.W.
		mm	inch	mm	inch	TON	LBS	
AQ01315	8-044-07	7+8	9/32-5/16	95	3.7	2.0	4400	0.52
AQ01316	8-044-10	10	3/8	120	4.7	3.2	7000	1.04
AQ01317	8-044-13	13	1/2	145	5.7	5.4	12000	1.95

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ01321



GR U Connector, "YS" yellow lacquered.

Stock Code	Model No.	Chain Size		Inside Length		W.L.L.		N.W.
		mm	inch	mm	inch	TON	LBS	
AQ01321	8-065-07	7+8	9/32-5/16	60	2.4	2.0	4400	0.23
AQ01322	8-065-10	10	3/8	75	2.9	3.2	7000	0.42
AQ01323	8-065-13	13	1/2	93	3.7	5.4	12000	1.00

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ01329



GR 8 Eye Grab Hook, "YH" yellow lacquered.

Stock Code	Model No.	Chain Size		Inside Length		W.L.L.		N.W.
		mm	inch	mm	inch	TON	LBS	
AQ01329	8-041-07	7+8	9/32-5/16	60	2.4	2.0	4400	0.23
AQ01330	8-041-10	10	3/8	84	3.3	3.2	7000	0.59
AQ01331	8-041-13	13	1/2	104	4.1	5.4	12000	1.24

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ01332



GR 8 Clevis Grab Hook, "YK" yellow lacquered.

Stock Code	Model No.	Chain Size		Inside Length		W.L.L.		N.W.
		mm	inch	mm	inch	TON	LBS	
AQ01332	8-042-07	7+8	9/32-5/16	51	2.0	2.0	4400	0.27
AQ01333	8-042-10	10	3/8	72	2.8	3.2	7000	0.66
AQ01334	8-042-13	13	1/2	88	3.5	5.4	12000	1.36

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ01335



GR 8 Clevis Sling Hook, with Latch, "YM" yellow lacquered.

Stock Code	Model No.	Chain Size		Inside Length		W.L.L.		N.W.
		mm	inch	mm	inch	TON	LBS	
AQ01335	8-043/S-07	7+8	9/32-5/16	85	3.3	2.0	4400	0.57
AQ01336	8-043/S-10	10	3/8	121	4.8	3.2	7000	1.23
AQ01337	8-043/S-13	13	1/2	156	6.1	5.4	12000	2.94

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ01338



GR 8 Clevis Sling Hook, without Latch, "YM" yellow lacquered.

Stock Code	Model No.	Chain Size		Inside Length		W.L.L.		N.W.
		mm	inch	mm	inch	TON	LBS	
AQ01338	8-043-07	7+8	9/32-5/16	85	3.3	2.0	4400	0.55
AQ01339	8-043-10	10	3/8	121	4.8	3.2	7000	1.21
AQ01340	8-043-13	13	1/2	156	6.1	5.4	12000	2.90

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ00673



GR 8 Hammer Lock, "YA" yellow lacquered.

Stock Code	Chain Size		Inside Length		W.L.L.		N.W.
	mm	inch	mm	inch	TON	kg	
AQ00673	6	1/4	45	1.77	2700	0.18	
AQ00674	8	5/16	56	2.0	4400	0.23	
AQ00675	10	3/8	68	2.7	7000	0.57	
AQ00676	13	1/2	85	3.3	12000	1.20	
AQ00677	16	5/8	110	4.3	17600	2.90	

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ00678



GR 8 Hammer Lock, "YB" yellow lacquered.

Stock Code	Chain Size		Inside Length		W.L.L.		N.W.
	mm	inch	mm	inch	TON	kg	
AQ00678	6	1/4	45	1.77	2700	0.18	
AQ00679	8	5/16	56	2.0	4400	0.23	
AQ00680	10	3/8	68	2.7	7000	0.57	
AQ00681	13	1/2	85	3.3	12000	1.20	
AQ00682	16	5/8	110	4.3	17600	2.90	

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ00683



GR 8 Self Locking Hook, "YC" yellow lacquered.

Stock Code	Chain Size		Inside Length		W.L.L.		N.W.
	mm	inch	mm	inch	TON	LBS	
AQ00683	6	1/4	118	4.6	1.25	2750	0.50
AQ00684	8	5/16	132	5.2	2.0	4400	0.84
AQ00685	10	3/8	168	6.6	3.2	7000	1.62
AQ00686	13	1/2	210	8.3	5.4	12000	3.07

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ00687



GR 8 Clevis S L Hook, "YD" yellow lacquered.

Stock Code	Chain Size		Inside Length		W.L.L.		N.W.
	mm	inch	mm	inch	TON	LBS	
AQ00687	6	1/4	100	4.0	1.25	2750	0.53
AQ00688	8	5/16	122	4.8	2.0	4400	0.90
AQ00689	10	3/8	150	6.0	3.2	7000	1.50
AQ00690	13	1/2	187	7.4	5.4	12000	3.33

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

AQ00691



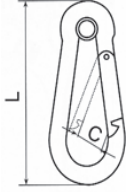
GR 8 Swivel Self Locking Hook, "YE" yellow lacquered.

Stock Code	Chain Size		Inside Length		W.L.L.		N.W.
	mm	inch	mm	inch	TON	LBS	
AQ00691	8	5/16	142	5.6	2.0	4400	1.20
AQ00692	10	3/8	180	7.0	3.2	7000	1.90
AQ00693	13	1/2	230	9.1	5.4	12000	3.70

Minimum Breaking Load = 4 x W.L.L (Working Load Limit)

U.S. Federal Specification Type

Stainless Steel Snap Hook
DIN5299 Form A (with thimble)



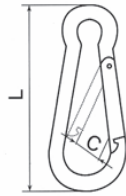
Stock Code	Model No.	Size (mm)	L	C
AQ03718	MS0601	4	40	7
AQ03719		5	50	7
AQ03720		6	60	8
AQ03721		7	70	8
AQ03722		8	80	9
AQ03723		9	90	10
AQ03724		10	100	11
AQ03725		11	120	16
AQ03726		12	140	19
AQ03727		13	160	25
AQ03728		14	180	35
AQ03729		15	200	35

Stainless Steel Swivel Eye Snap



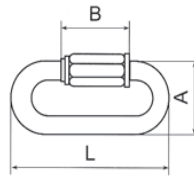
Stock Code	Model No.	Size (mm)	B (mm)	L (mm)
AQ03749	MS0618	1	18	85
AQ03750		2	20	100
AQ03751		3	20	114

Stainless Steel Snap Hook
DIN5299 Form C (normal type)



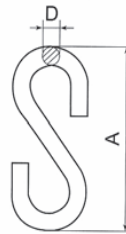
Stock Code	Model No.	Size (mm)	L	C
AQ03730	MS0603	4	40	7
AQ03731		5	50	7
AQ03732		6	60	8
AQ03733		7	70	8
AQ03734		8	80	9
AQ03735		9	90	10
AQ03736		10	100	11
AQ03737		11	120	16
AQ03738		12	140	19
AQ03739		13	160	25
AQ03740		14	180	35
AQ03741		15	200	35

Stainless Steel Quick Link (normal type)



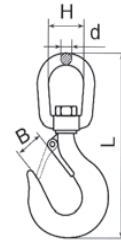
Stock Code	Model No.	Size (mm)	L	A	B
AQ03752	MS0622	3.5	36	17	11.5
AQ03753		4	39.5	19	12.5
AQ03754		5	48	23	15
AQ03755		6	57	26	19
AQ03756		7	66	30	21
AQ03757		8	76	34	23
AQ03758		9	83	37	26
AQ03759		10	89	40	29
AQ03760		11	98	45	30
AQ03761		12	107	49	32

Stainless Steel S Hook



Stock Code	Model No.	Size (inch)	D	A
AQ03742	MS0610	1/8	3	30
AQ03743		5/32	4	40
AQ03744		3/16	5	50
AQ03745		1/4	6	60
AQ03746		9/32	7	76
AQ03747		5/16	8	80
AQ03748		3/8	9.5	100

Stainless Steel Swivel Head Heavy Hook



Stock Code	Model No.	Size (inch)	L	H	d	B
AQ03762	MS0625	1/4	118	22	7	16
AQ03763		5/16	140	28	8.5	19
AQ03764		3/8	160	28	10	22
AQ03765		1/2	199	32	13	26

Stainless Steel Rigging Hardware

Stainless Steel Wire Rope Thimble, SS304/316



AQ01390

Stock Code	Model No.	Size for Rope		O.L.		Art. Nr.	Size for Rope		O.L.	
		mm	inch	mm	inch		mm	inch	mm	kg
AQ01390	S-7710-02	2	1/16	14	9/16	S-7710-12	12	1/2	45	1-3/4
AQ01391	S-7710-03	3	1/8	17	5/8	S-7710-14	14	9/16	55	2-1/4
AQ01392	S-7710-04	4	5/32	18	3/4	S-7710-16	16	5/8	63	2-1/2
AQ01393	S-7710-05	5	3/16	21	7/8	S-7710-18	18	3/4	67	2-5/8
AQ01394	S-7710-06	6	1/4	25	1	S-7710-20	20	13/16	74	3
AQ01395	S-7710-08	8	5/16	30	1-1/4	S-7710-22	22	7/8	90	3-1/2
AQ01396	S-7710-10	10	3/8	36	1-1/2	S-7710-25	25	1	95	3-3/4

Eye Bolt SS304/316



AQ01415

Stock Code	Model No.	Thread	eye I.D	leg	WT
AQ01415	S-808-06	M6	13mm	14mm	16g
AQ01416	S-808-08	M8	17mm	15mm	32g
AQ01417	S-808-10	M10	22mm	19mm	61g
AQ01418	S-808-12	M12	27mm	22mm	115g
AQ01419	S-808-16	M16	34mm	27mm	208g
AQ01420	S-808A-06	1/4"	1/2"	9/16"	0.04lbs
AQ01421	S-808A-08	5/16"	5/8"	5/8"	0.07lbs
AQ01422	S-808A-10	3/8"	7/8"	3/4"	0.13lbs
AQ01423	S-808A-12	1/2"	1-1/8"	7/8"	0.25lbs
AQ01424	S-808A-16	5/8"	1-3/8"	1-1/8"	0.46lbs

Stainless Steel Round Ring, Welded SS304/316



AQ01397

Stock Code	Model No.	Wire		I.D.		Art. Nr.	Wire		I.D.	
		mm	inch	mm	inch		mm	inch	mm	kg
AQ01397	S-470-0320	3.0	1/8	20	3/4	S-470-0630	6.0	1/4	30	1-1/4
AQ01398	S-470-0325	3.0	1/8	25	1	S-470-0640	6.0	1/4	40	1-1/2
AQ01399	S-470-0425	4.0	5/32	25	1	S-470-0650	6.0	1/4	50	2
AQ01400	S-470-0430	4.0	5/32	30	1-1/4	S-470-0840	8.0	5/16	40	1-1/2
AQ01401	S-470-0435	4.0	5/32	40	1-1/2	S-470-0845	8.0	5/16	45	1-3/4
AQ01402	S-470-0525	5.0	3/16	25	1	S-470-0850	8.0	5/16	50	2
AQ01403	S-470-0530	5.0	3/16	30	1-1/4	S-470-0865	8.0	5/16	65	2-1/2
AQ01404	S-470-0540	5.0	3/16	40	1-1/2	S-470-0950	9.0	3/8	50	2
AQ01405	S-470-0550	5.0	3/16	50	2	S-470-0980	9.0	3/8	80	3-1/2

Eye Nuts 304/316



AQ01425

Stock Code	Model No.	Thread	eye I.D	O.L.	WT
AQ01425	S-809-06	M6	13mm	27mm	17g
AQ01426	S-809-08	M8	17mm	36mm	33g
AQ01427	S-809-10	M10	22mm	46mm	65g
AQ01428	S-809-12	M12	27mm	56mm	124g
AQ01429	S-809-16	M16	34mm	72mm	192g
AQ01430	S-809A-06	1/4"	1/2"	1-1/8"	0.04lbs
AQ01431	S-809A-08	5/16"	5/8"	1-1/2"	0.08lbs
AQ01432	S-809A-10	3/8"	7/8"	1-3/4"	0.14lbs
AQ01433	S-809A-12	1/2"	1-1/8"	2-1/4"	0.28lbs
AQ01434	S-809A-16	5/8"	1-3/8"	2-7/8"	0.45lbs

Stainless Steel Swivels, Eye+Eye 304/316



AQ01406

Stock Code	Model No.	Size		O.L.		M.B.L		N.W	
		mm	inch	mm	inch	TON	LBS	kg	
AQ01406	S-8280-05	5	3/16	60	2.4	0.8	1760	0.04	
AQ01407	S-8280-06	6	1/4	70	2.8	1.4	3080	0.06	
AQ01408	S-8280-08	8	5/16	90	3.5	2.5	5500	0.11	
AQ01410	S-8280-10	10	7/16	115	4.5	3.0	6600	0.26	
AQ01412	S-8280-13	13	1/2	154	6.1	6.0	13200	0.58	
AQ01413	S-8280-16	16	5/8	188	7.4	10.8	23000	1.05	
AQ01414	S-8280-19	19	3/4	231	9.0	14.0	30000	2.20	

Eye Bolt M-5



AQ00752

Stock Code	Size	Model No.	Size	Model No.	Size
AQ00752	M6	AQ00761	M22	AQ00770	3/4"
AQ00753	M8	AQ00762	M24	AQ00771	7/8"
AQ00754	M10	AQ00763	M27	AQ00772	1"
AQ00755	M12	AQ00764	M30	AQ00773	1-1/8"
AQ00756	M14	AQ00765	1/4"	AQ00774	1-1/4"
AQ00757	M16	AQ00766	5/16"	AQ00775	1-3/8"
AQ00758	M18	AQ00767	3/8"	AQ00776	1-1/2"
AQ00759	M18	AQ00768	1/2"	AQ00777	2"
AQ00760	M20	AQ00769	5/8"		

Material Handling

Proof Test Load Tables for Marine Anchors



B501 ~ 508 Sizes and Weights (Approx.)

Sheave Dia		Dia of Wire Rope Applied		Pin Dia	Safe Working Load	Maximum Load	Test Load	Weight / pce			
m/m	in	m/m	in					B501, B505	B502, B506	B503, B507	B504, B508
75	3	5~10	13	13	500	1000	1500	1.2	1.2	1.8	1.7
100	4	6~12	16	16	750	1500	2250	2.2	2.0	3.0	3.0
130	5	6~13	19	19	1500	3000	4500	4.0	4.2	6.0	6.0
150	6	8~16	27	27	2500	5000	7500	7.1	7.2	10.5	10.0
180	7	9~19	30	30	3000	6000	9000	10.8	10.5	15.5	15.0
200	8	12~20	37	37	4000	8000	12000	14.5	14.5	20.0	20.5
250	10	12~22	40	40	5000	10000	15000	20.4	23.5	36.0	33.5
300	12	14~25	45	45	6000	12000	18000	30.5	35.0	56.0	56.0
350	14	16~28	50	50	6500	13000	19500	50.0	52.0	80.0	64.0
400	16	16~30	55	55	7500	15000	22500	77.0	75.0	100.0	121.0

Wire Rope Block (with Ball bearing)



B 518
AQ16176
Shackle Head

B 519
AQ16177
Swivel Eye Head

B 520
AQ16178
Lashing Head

Sheave Dia 150m/m 200m/m
Weight/pce 15kg 33kg
S.W.L 7.5 Tons 10 Tons

B518 ~ 520 Size and Weights (Approx.)

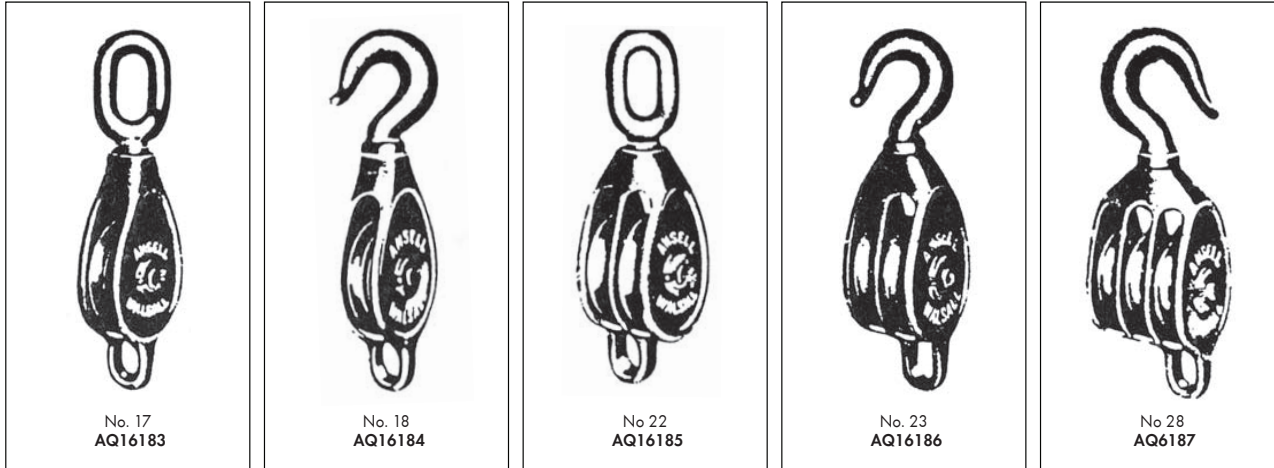
Sheave Dia		Dia of Wire Rope Applied		S.W.L (T)				w/pce kg			
m/m	in	m/m	in	B518		B519		B518H		B519H	
				Shackle Type	Swivel Type	Shackle Type	Swivel Type	Shackle Type	Swivel Type		
75	3	4~9	1	0.5	-	-	-	1.2	-	-	-
100	4	4~9	1	1	1	1	1	1.8	2.8	1.8	3.0
125	5	4~12	1.5	1.5	1	1.5	3.6	5.5	3.6	6.1	6.1
150	6	4~14	2	2	1.5	2	6.0	8.5	6.0	9.4	9.4
175	7	4~16	3	3	2	2.5	9.0	13.8	9.0	14.4	14.4
200	8	4~16	3.5	3.5	2	2.5	11.7	18.0	11.7	18.7	18.7
250	10	4~16	4	4	2	-	15.0	-	15.0	-	-
300	12	4~16	4.5	4.5	-	-	17.6	-	-	-	-
375	15	4~16	5	5	-	-	27.0	-	-	-	-

2S: 2 Sheave 1S: 1 Sheave (Hook Head is available)

Material Handling

Galvanised Malleable Iron Blocks

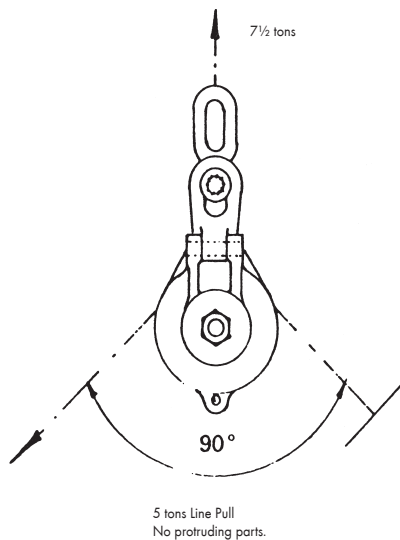
Sizes from 2 inch to 12 inch



SINGLE, DOUBLE AND TREBLE BLOCKS

Nominal		Length		Sheaves		Circ of		SINGLE		DOUBLE		TREBLE	
Size of Block		of Shell		Dia x Width		Fibre Rope		No. 17	No. 18	No. 22	No. 23	No. 27	No. 28
						for Standard		Swivel	Swivel	Swivel	Swivel	Swivel	Swivel
						Sheaves		Eye	Hook	Eye	Hook	Eye	Hook
in	mm	in	mm	in	mm			Safe Working Load in Tons					
3	76	3 1/2	88	1 3/4 x 3/8	44 x 16	1 1/2	38	0.2	0.1	0.4	0.3	0.5	0.3
4	102	4 3/4	121	2 3/4 x 3/4	60 x 19	2	51	0.4	0.2	0.9	0.5	1.0	0.5
5	127	5 3/4	146	3 1/4 x 7/8	82 x 22	2 1/4	57	0.5	0.3	1.1	0.8	1.5	0.8
6	152	7	177	3 3/4 x 1 1/4	95 x 31	3	76	1.0	0.5	2.0	1.1	2.0	1.3
7	177	8	203	4 3/8 x 1 1/4	111 x 31	3 1/4	82	1.1	0.6	2.3	1.3	2.4	1.5
8	203	9 1/4	235	5 3/8 x 1 3/8	137 x 38	3 1/2	88	1.2	0.7	2.6	1.5	3.0	2.0
9	229	10	254	6 1/4 x 1 1/2	159 x 38	3 3/4	95	1.5	0.9	3.0	2.0	3.5	2.5

- Much stronger than wood blocks of equivalent size.
- Edges beaded to prevent chafing of rope.
- Fitted with hooks or eyes as required.
- Sheaves Iron castings with smooth grooves, plain bore
- Pins Cottered to prevent rotation or accidental removal
- Bushes (When specified) sintered bronze oil retaining.



AQ16188

Logging Snatch Block

SHEAVE: 6 in (150 mm) outside diameter for 3/4" (19 mm) diameter wire rope shrouded by ample rope guards.

LUBRICATION: via grease nipple countersunk into sheave pin head, feeding into large grease chamber.

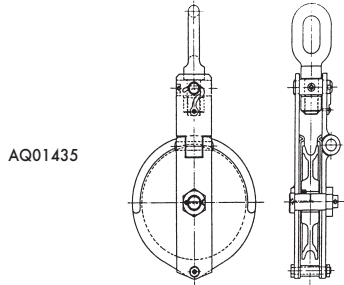
HEADFITTING: Swivel Oval Eye (as illustrated) or with Swivel Hook.

Suitable for Line Pull of 5 tons, = 7 1/2 tons on headfitting (neglecting friction) at 90° wrap. As sketch - Tested to 15 tons.

Material Handling

Blocks

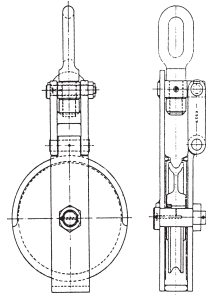
Snatch Block



AQ01435

General Purpose

Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01435	10" (250)	18-20	3	12	40
AQ01436	12" (300)	20-24	5	20	46
AQ01437	14" (350)	24-28	6	24	65
AQ01438	16" (400)	29-32	8	32	98



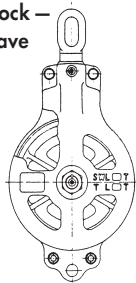
AQ01439

Heavy Duty

Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01439	16" (400)	29-32	10	40	104
AQ01440	18" (460)	32-36	15	60	153
AQ01441	18" (460)	38-42	20	80	204
AQ01442	20" (500)	38-42	25	90	230

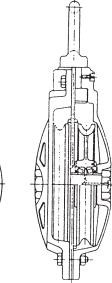
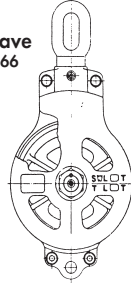
Hoisting Block – Single Sheave

AQ01457



2 Sheave

AQ01466



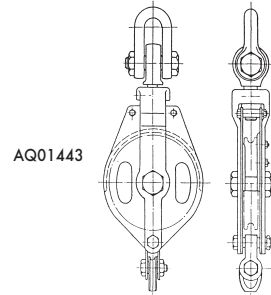
Single Sheave AP-211

Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01457	150	10-13	2	8	11
AQ01458	200	16-20	3	12	20
AQ01459	250	16-20	3	12	27
AQ01460	300	20-22	5	20	40
AQ01461	340	18-20	5	20	55
AQ01462	410	22-24	10	30	68
AQ01463	430	23-25	16	38	98
AQ01464	460	24-26	20	45	136
AQ01465	480	26-28	20	55	198

2 Sheave AP-221

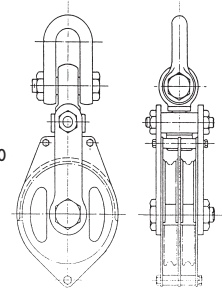
Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01466	340	18-20	16	26	105
AQ01467	410	20-22	20	40	156
AQ01468	430	22-25	24	48	213
AQ01469	460	24-26	27	47	283
AQ01470	480	26-28	30	55	365

Heel Block – Single Sheave



AQ01443

2 Sheave



AQ01450

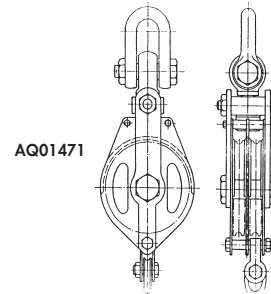
Single Sheave HB-311

Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01443	8" (200)	9-12	1	4	22
AQ01444	10" (250)	14-16	3	12	28
AQ01445	12" (300)	16-21	5	20	33
AQ01446	14" (350)	21-24	5	20	42
AQ01447	14" (350)	24-29	8	32	50
AQ01448	16" (400)	29-32	10	40	74
AQ01449	18" (450)	32-36	15	60	110

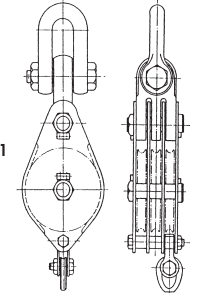
2 Sheave with Becket HB-312

Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01450	8" (200)	9-12	1	6	26
AQ01451	10" (250)	14-16	3	18	33
AQ01452	12" (300)	16-21	5	30	38
AQ01453	14" (350)	21-24	5	30	49
AQ01454	14" (350)	24-29	8	48	58
AQ01455	16" (400)	29-32	10	60	86
AQ01456	18" (450)	32-36	15	90	129

Heel Block – 2 Sheave



AQ01471



AQ01481

2 Sheave with Becket HB-322

Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01471	10" (250)	14-16	6	12	54
AQ01472	10" (250)	16-20	10	20	67
AQ01473	12" (300)	16-20	10	20	73
AQ01474	12" (300)	20-24	15	30	94
AQ01475	14" (350)	20-24	20	40	120
AQ01476	16" (400)	24-28	25	50	161
AQ01477	16" (400)	28-32	30	50	186
AQ01478	16" (400)	28-32	40	80	213
AQ01479	18" (450)	28-32	25	50	209
AQ01480	18" (450)	28-32	30	60	236

3 Sheave with Becket HB-332

Stock Code	Sheave Dia. (mm)	Wire Rope Dia (mm)	SWL (ton)	Test (ton)	Weight (kg)
AQ01481	10" (250)	14-16	10	30	74
AQ01482	10" (250)	16-20	15	35	86
AQ01483	12" (300)	16-20	15	35	117
AQ01484	12" (300)	20-24	20	40	141
AQ01485	14" (350)	20-24	25	45	176
AQ01486	14" (350)	24-28	30	50	200
AQ01487	16" (400)	24-28	30	50	234
AQ01488	16" (400)	28-32	40	60	258
AQ01489	18" (450)	28-32	40	60	300

Material Handling

BAND-IT Tool

Stock Code	Model No.	UIC No.	Description
AR00001	C001	13001	The BAND-IT Tool PKg Qty 1 Weight 4.4Lbs 2.0kg

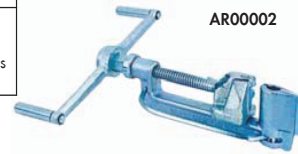
A complete selection of hose fittings are available from BAND-IT, including swivel hose nipples, hose menders and the exclusive Tri-Lokt® hose nipples. Call for details.



AR00001

BAND-IT Tool

Stock Code	Model No.	UIC No.	Description
AR00002	G402	17402	Giant Tool PKg Qty 1 Weight 11.7Lbs 5.3kg



AR00002



AR00003

BAND-IT Tool Band - Now with EASY SCALE imprint

100 Ft. Per Roll (30.5M)
Type 201 Stainless Steel

Stock Code	Model No.	UIC No.	Width		Thickness		Weight	
			inch	mm	inch	mm	Lbs	kg
AR00003	C202	13202	1/4	6.35	.020	.51	1.7	.9
AR00004	C203	13203	3/8	9.53	.025	.63	3.2	1.6
AR00005	C204	13204	1/2	12.70	.030	.76	6.4	3.0
AR00006	C205	13205	5/8	15.88	.030	.76	6.4	3.0
AR00007	C206	13206	3/4	19.05	.030	.76	7.7	3.6

Available in mill coil lengths.

Galvanized Carbon Steel BAND-IT Band

100 Ft. Per Roll (30.5M)

Stock Code	Model No.	UIC No.	Width		Thickness		Weight	
			inch	mm	inch	mm	Lbs	kg
AR00008	C303	13303	3/8	9.53	.025	.63	3.3	1.6
AR00009	C304	13304	1/2	12.70	.030	.76	5.1	2.4
AR00010	C305	13305	5/8	15.88	.030	.76	6.4	3.0
AR00011	C306	13306	3/4	19.05	.030	.76	7.7	3.6

Available in mill coil lengths.

Giant Band

100 Ft. Per Roll (30.5M)

Type 201 Stainless Steel (also available in carbon steel)

Stock Code	Model No.	UIC No.	Width		Thickness		Weight	
			inch	mm	inch	mm	Lbs	kg
AR00012	G430	17430	3/4	19.05	.044	1.12	11.6	5.4
AR00013	G431	17431	1	25.04	.044	1.12	13.7	6.4
AR00014	G432	17432	1 1/4	31.75	.044	1.12	17.2	8.0

Available in mill coil lengths.

Thriftool®



AR00028

Stock Code	Model No.	UIC No.	Item	Weight	
				Lbs	kg
AR00028	J075	20075	Thriftool® - 10 per carton	5.90	2.7
AR00029	J076	20076	Thriftool® - 100	55.30	25.1

The Thriftool® is small, inexpensive function tool for use with 1/4" or 3/8" width band, for Free-End Clamps and BAND-IT Jr. Preformed Clamps. It must be used in conjunction with a 1/2" wrench to apply tension and has no built-in cutter.

Pok-It II Tool

Stock Code	Model No.	UIC No.	Description
AR00030	J020	20020	Pok-It II Tool PKg Qty 1 Weight 11. Lbs 0.5kg



AR00030

Lightweight pocket size tool for use with 1/2"-3/8" width band; for Ear-Lokt, Scru-Lokt, BAND-IT Jr. Preformed and Free-End Clamps. It applies tension and has a built-in cutter.

Free-End Clamps

These pre-assembled Free-End clamps are the practical choice when clamps needed will be of the same size, or when preformed clamps cannot be over the object. These clamps may be single wrapped or, for extra strength, double wrapped.

Stock Code	Model No.	UIC No.	Max Dia Once Around		Twice Around		Total Length		Max Dia Width		Band Thickness		Band Pkg Qty	Weight	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm		Lbs	kg
AR00031	L203	22203	2	50	-	-	10	25	1/4	6.35	.020	.51	100	2.2	.99
AR00032	L204	22204	3 1/2	88	1	38	16	40	1/4	6.35	.020	.51	100	3.1	1.4
AR00033	L221	22221	3 1/2	88	1	38	16	40	3/8	9.53	.025	.63	100	6.5	2.8
AR00034	L242	22242	4	101	2	50	18	45	1/2	12.70	.030	.76	100	10.5	4.8
AR00035	L207	22207	5	127	2 1/2	63	19	48	1/4	6.35	.020	.51	100	3.5	1.6
AR00036	L263	22263	5	127	2 1/2	63	21	53	5/8	15.88	.030	.76	100	15.1	6.8
AR00037	L284	22284	6	152	3	76	24	60	3/4	19.05	.030	.76	100	10.9	4.9
AR00038	L208	22208	7	177	3 1/2	88	27	68	1/4	6.35	.020	.51	100	4.6	2.1



AR00031