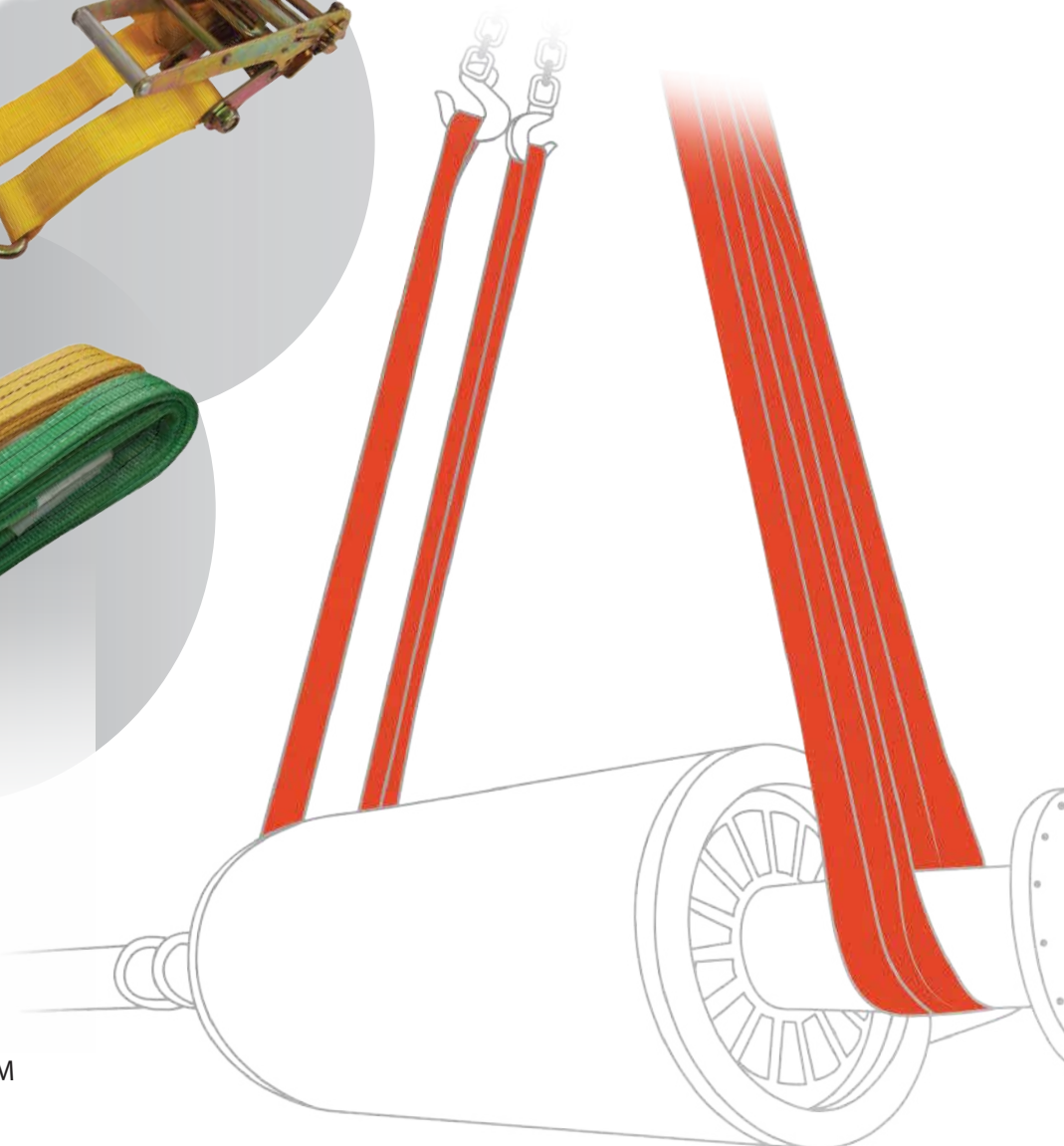
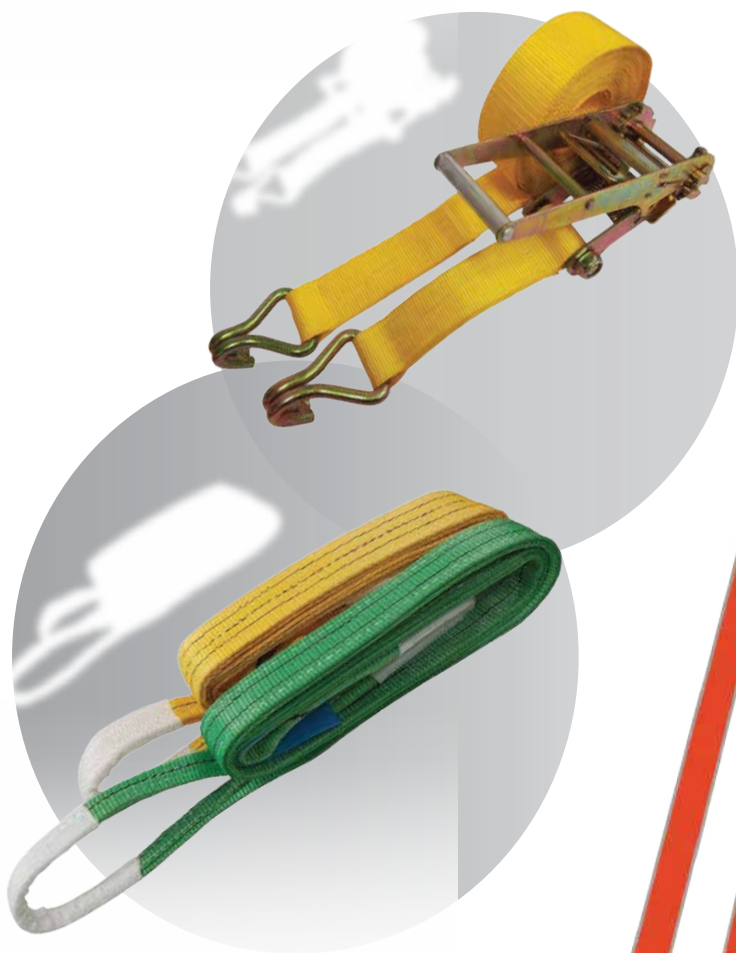


vystron

SLING & LASHING



01
SLING

02
CARGO LASHING SYSTEM

03
SAFETY FULL BODY HARNESS

04
PALLET PACKAGING

Safety First



WEBBING FOR SLING

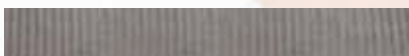


- 1 Material : Polyester
- 2 High Tenacity AA Grade Yarn Use
- 3 Customized Production
- 4 Various Color available
- 5 Safety Factor 6:1, 7:1, available

GRADE	B/S(Kgs)	
WIDTH	S.F 7:1	S.F 6:1
30mm	4,400	4,000
50mm	8,800	8,000
75mm	13,200	12,000
100mm	17,600	16,000
125mm	22,000	20,000
150mm	26,400	24,000
200mm	35,200	32,000
250mm	44,000	40,000
300mm	52,800	48,000

Sling Webbing

SF 6:1

	1"(30mm), Violet
	2"(50mm), Green
	3"(75mm), Yellow
	4"(100mm), Grey
	5"(125mm), Red
	6"(150mm), Brown
	8"(200mm), Blue
	10"(250mm), Orange
	12"(300mm), Orange

SF 7:1

	1"(30mm), Violet
	2"(50mm), Green
	3"(75mm), Yellow
	4"(100mm), Grey
	5"(125mm), Red
	6"(150mm), Brown
	8"(200mm), Blue
	10"(250mm), Orange
	12"(300mm), Orange

WEBBING SLING

APPROVED (EN12195-2 standard)

Webbing Sling is?

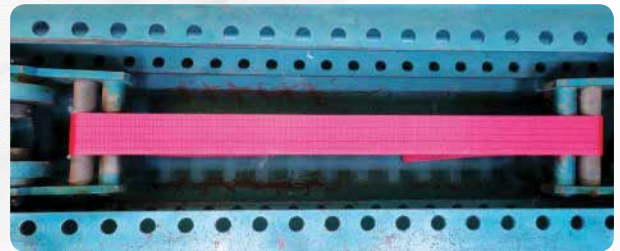
- 1 Polyester Webbing Slings are made from High Tenacity Polyester Webbing
- 2 Sewing products made by sling Webbing
- 3 It is widely used for Industrial Site, Cargo Transportation and Cargo Lifting.

Safe use Chemical Chart

- 1 Disintegrated by concentrated sulfuric acid.
- 2 Degraded by strong alkalis at elevated temperatures.

Chemical	Nylon	Polyester
Acid	No	**
Alcohol	OK	OK
Aldehydes	OK	No
Strong Alkalis	OK	**
Bleaching Agents	No	OK
Dry Cleaning Solvents	OK	OK
Etters	OK	No
Halogenated Hydrocarbons	OK	OK
Hydrocarbons	OK	OK
Katones	OK	OK
Oil, Crude	OK	OK
Oil, Lubricating	OK	OK
Soaps, Detergents	OK	OK
Water, Seawater	OK	OK
Weak Alkalis	OK	OK

** Not recommended



Advantage of Polyester Webbing Slings

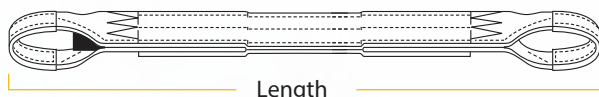
Polyester Webbing Slings have more advantages than Wire Rope and Chain Slings

- 01 Polyester Webbing Slings are much lighter & Flexible, so easy to rig and handle
- 02 Minimize the shock loading and can absorb heavy shocks without damage
- 03 Classified by COLOR CODE to avoid misusages
- 04 Do not rust or corrode, so do not weaken the edge
- 05 Save storage cost and easy to store because of flexible and lightweight
- 06 No electric conductivity
- 07 Reduce the machine downtime
- 08 Cost saving due to Low initial cost and have long life time
- 09 Easy to visual inspection, save the inspection and proof load test time
- 10 Lower industrial losses because of do not damage sensitive and delicate surface
- 11 Able to print company name or requirement on Webbing sling

WEBBING SLING

APPROVED ((EN12195-2 standard))

Type



Length

Eye to Eye



Length

Endless



Length

Color of Load Capacity



1"(25mm), Violet



2"(50mm), Green



3"(75mm), Yellow



4"(100mm), Grey



5"(125mm), Red



6"(150mm), Brown



8"(200mm), Blue



10"(250mm), Orange



12"(300mm), Orange

Technical Specification

- 1 Color coded according to DIN-EN 1492-1
- 2 Capacity stripes: each stripe is equal to 1ton capacity
- 3 Material : Polyester
- 4 Safety factor : 6:1 or 7:1
- 5 Type: 2Ply & 4Ply available

W idth (mm)	Color	S.W.L (kg)	Eye to Eye type double layers				
			Straight Lift	Choked Lift	Basket Lift	Basket Lift 45°	Basket Lift 45~60°
							
			1 Time	0.8 Time	2 Time	1.4 Time	1 Time
30	Violet	1,000	1,000	800	2,000	1,400	1,000
50	Green	2,000	2,000	1,600	4,000	2,800	2,000
75	Yellow	3,000	3,000	2,400	6,000	4,200	3,000
100	Grey	4,000	4,000	3,200	8,000	5,600	4,000
125	Red	5,000	5,000	4,000	10,000	7,000	5,000
150	Brown	6,000	6,000	4,800	12,000	8,400	6,000
200	Blue	8,000	8,000	6,400	16,000	11,200	8,000
250	Orange	10,000	10,000	8,000	20,000	14,000	10,000
300	Orange	12,000	12,000	9,600	24,000	16,800	12,000

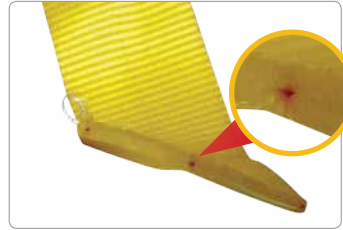
W idth (mm)	Color	S.W.L (kg)	Endless type double layers				
			Straight Lift	Choked Lift	Basket Lift	Basket Lift 45°	Basket Lift 45~60°
							
			1 Time	0.8 Time	2 Time	1.4 Time	1 Time
30	Violet	2,000	2,000	1,600	4,000	2,400	2,000
50	Green	4,000	4,000	3,200	8,000	5,600	4,000
75	Yellow	6,000	6,000	4,800	12,000	8,400	6,000
100	Grey	8,000	8,000	6,400	16,000	11,200	8,000
125	Red	10,000	10,000	8,000	20,000	14,000	10,000
150	Brown	12,000	12,000	9,600	24,000	16,800	12,000
200	Blue	16,000	16,000	12,800	32,000	22,400	16,000
250	Orange	20,000	20,000	16,000	40,000	28,000	20,000
300	Orange	24,000	24,000	19,200	48,000	33,600	24,000

WEBBING SLING

APPROVED (EN12195-2 standard)

Warning Yarn with Red Color

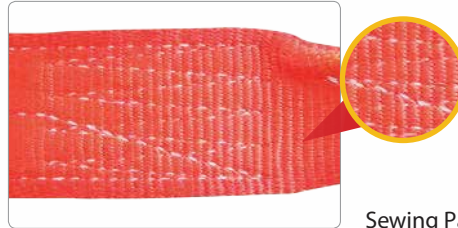
- 1 We are using red warning yarn all Webbing Sling belt.
- 2 It shows use limit
- 3 If you can find red warning yarn, please replace the Webbing Sling



Red Warning Yarn

Automatic Sewing of Webbing Sling

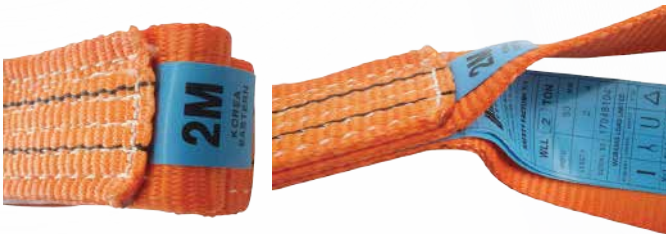
- 1 Good sewing shape in sling
- 2 Straight stitching line



Sewing Patterns

Sling Length Label & Tracking serial number marking

- 1 Production Batch Number
- 2 Easy storage and identification of length
- 3 Length Label : Easy to know the Length



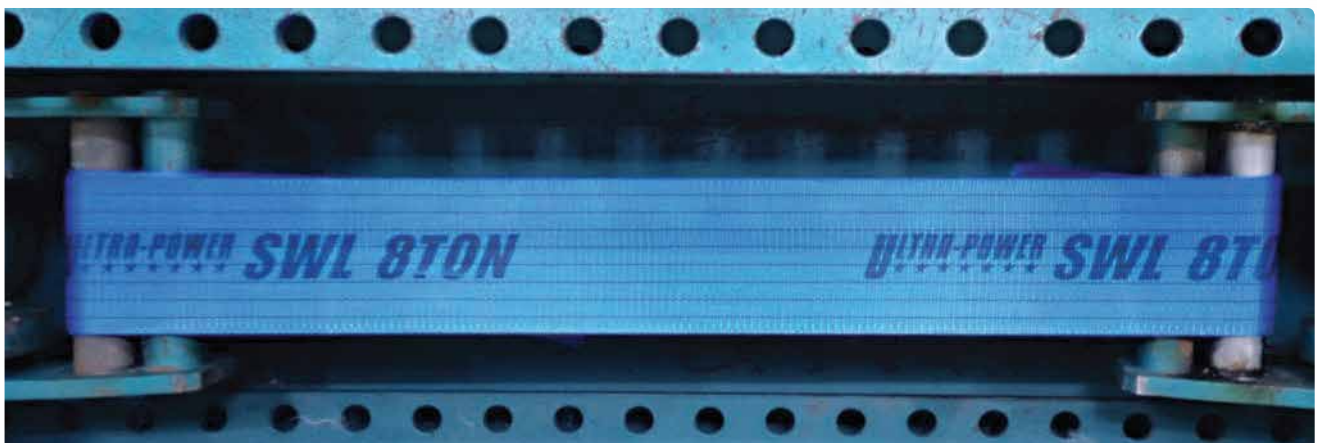
Printed on Belt "Ultra Power SWL TON"

- 1 Safety factor 7:1
- 2 Printed Sling on Belt : You can easily find the Web sling for the load you need to use by looking at the print on the belt.



Stabilized Break Strength

- Perform the regular Strength Tests



ROUND SLING

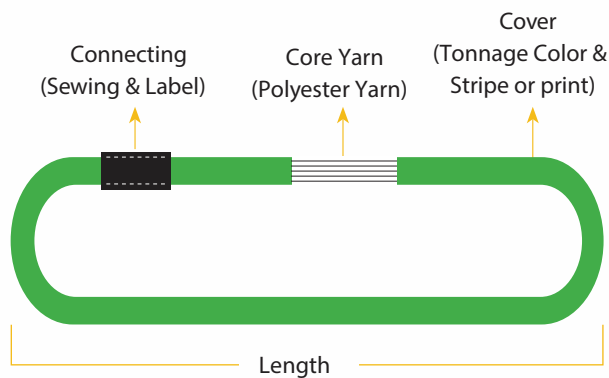
APPROVED (EN12195-2 standard)

Round Sling is?

A Round Sling is composed of inner High Tenacity Polyester Yarns and outer Polyester Tube.

Inner High Tenacity Polyester Yarn maintain strength and Outer Polyester Tube wrapping the inner Polyester Yarn to prevent from the damage.

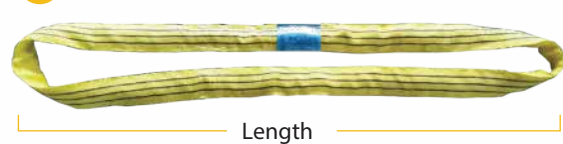
Type



Eye to Eye



Endless



Advantage of Round Sling

- 1 Compare to Webbing Sling and Wire rope, it is more flexible, light weight, lifting work becomes simple and fast.
- 2 The volume is smaller than Webbing Sling, it has easy storage
- 3 The outer Tube is Soft, so it doesn't cause any damage to the cargo during the lifting work.
- 4 It is composed of many Polyester yarn, so it can't cutting easily and can know when replacement time.

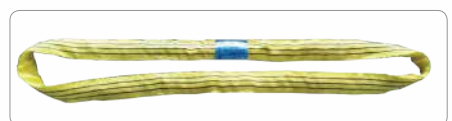
Color of Safety Working load



1 Ton, Violet



2 Ton, Green



3 Ton, Yellow



4 Ton, Grey



5 Ton, Red



6 Ton, Brown



8 Ton, Blue



10 Ton, Orange

ROUND SLING

APPROVED (EN12195-2 standard)

Technical Specification

- 1 Color coded according to DIN-EN 1492-1
- 2 Capacity : stripes(each stripe is equal to 1ton capacity) or print
- 3 Material : Polyester,
- 4 Safety factor : 6:1 or 7:1
- 5 Seamless, single cover up to 300MT, thereafter with side-seam

Ton	Dia (Φ)	Color	S.W.L (kg)	WLL(Working Load Limits)				
				Straight Lift	Choked Lift	Basket Lift	Basket Lift 45°	Basket Lift 45~60°
								
				1 Time	0.8 Time	2 Time	1.4 Time	1 Time
1	16	Violet	1,000	1,000	800	2,000	1,400	1,000
2	19	Green	2,000	2,000	1,600	4,000	2,800	2,000
3	22	Yellow	3,000	3,000	2,400	6,000	4,200	3,000
4	25	Grey	4,000	4,000	3,200	8,000	5,600	4,000
5	27	Red	5,000	5,000	4,000	10,000	7,000	5,000
6	29	Brown	6,000	6,000	4,800	12,000	8,400	6,000
8	32	Blue	8,000	8,000	6,400	16,000	11,200	8,000
10	41	Orange	10,000	10,000	8,000	20,000	14,000	10,000
15	47	Orange	15,000	15,000	12,000	30,000	21,000	15,000
20	57	Orange	20,000	20,000	16,000	40,000	28,000	20,000
25	63	Orange	25,000	25,000	20,000	50,000	35,000	25,000
30	70	Orange	30,000	30,000	24,000	60,000	42,000	30,000
35	75	Orange	35,000	35,000	28,000	70,000	49,000	35,000

Warning to use for Webbing Sling & Round Sling

- 1 Inspect sling for wear and tear, cuts, edge damage, thread breakage before each use.
- 2 Do not exceed rated capacity.
- 3 Do not expose the sling a temperature above 100 °C & Chemical
- 4 Do not use the sling for sharp edge without Protection Pad
- 5 Do not use missing or illegible Tag
- 6 Do not use if the skin is damaged and inner thread is cut
- 7 Do not use Knots in any parts of the Sling
- 8 Do not use if the sling has Holes, Tears, Cuts or Snags



CRANE SLING

Crane Sling is?

- 1 Crane Sling has advantage Webbing Sling & Round Sling
- 2 The type that is made flat by sewing on Round Sling.

Advantage of Crane Sling

- 1 Crane Sling is widely using in construction field
- 2 Crane Sling enhanced merit of Round Sling with Eye to Eye type and longer life time(3 times of Round Sling)
- 4 Easy to handle, because it is made same as Round Sling
- 5 Easy to Lift products with wide width
- 6 Easy to keep and store
- 7 Safety Factor : 7:1

Protection Pads

Tubular Type



Velcro Type



- 1 The Protection Pad protects the Sling from cut while using on sharp edges
- 2 The cutting of Sling may cause property damage, injuries to the worker or death
- 3 The Protection Pad reduce problem by buffering between load edge and sling
- 4 Type
 - Tubular Type Pad: Slide freely on Sling and can use after cutting desired size
 - Velcro Type Pad : Slide freely on Sling and sewing Velcro type

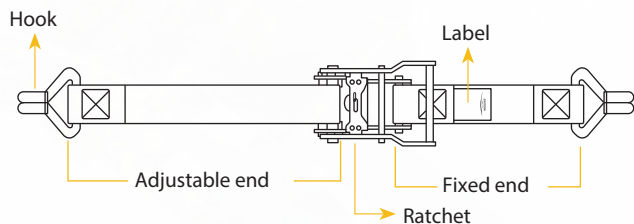
Actual Using of Lifting slings



CARGO LASHING SYSTEM

Cargo lashing is?

Cargo lashing is composed with Buckle, belt and end fittings. The end fittings are optional according to specific requirement. It is widely used in transportation such as tow truck self-saving, cargo binding, cargo lashing. Cargo lashing is widely used in all kinds of field with its advantages.



Cargo Lashing system with Stitched

Advantage of Polyester Ratchet Lashing System

- 1 High Tenacity Polyester webbing has high resistance to abrasion
- 2 Wide range of selection from various colors and width
- 3 Less risk of damage to the cargo on load
- 4 Easily check damage by eye because of no hidden corrosion
- 5 Available customized printing

1"(25mm) Cargo Lashing system



		
J HOOK		
FLAT HOOK		
EYE		
Breaking Strength		1" x 1,000kgs
Available Belt Color		Orange, Blue, Yellow

1.5"(35mm) Cargo Lashing system



			
J HOOK			
FLAT HOOK			
FLATSNAP HOOK			
EYE			
Breaking Strength		1.5" x 2,000kgs / 1.5" x 3,000kgs	
Available Belt Color		Orange, Blue, Yellow	

2"(50mm) Cargo Lashing system



			
JHOOKWITHLATCH			
FLAT HOOK			
FLATSNAP HOOK			
EYE			
Breaking Strength		2" x 5,000kgs	
Available Belt Color		Orange, Yellow	

3"(75mm) Cargo Lashing system



			
J HOOK			
FLAT HOOK			
DELTA HOOK			
EYE			
Breaking Strength		3" x 8,000kgs	
Available Belt Color		Orange, Yellow	

4"(100mm) Cargo Lashing system



			
J HOOK			
FLAT HOOK			
DELTA HOOK			
EYE			
Breaking Strength		4" x 10,000kgs	
Available Belt Color		Orange, Yellow	

CARGO LASHING SYSTEM

Various Cargo Lashing Belt



BTW25101-OR

BTW35303

BTW50505

BTW75100-YE

BTW10101-YE

- 1 Material : Polyester
- 2 Width : 25mm-100mm
- 3 Color : Various color available
- 4 Design : customized product available
- 5 Print : customized print available

Various Ratchet & End Fitting

Ratchet Buckle



2"(50mm × 6,000KGS)

1"(25mm × 800KGS)

1"(25mm × 1,500KGS)

1.5"(35mm × 3,000KGS)

2"(50mm × 5,000KGS)

3"(75mm × 8,000KGS)

4"(100mm × 10,000KGS)

2"(50MM × 5,000KGS)
Ratchet Buckle + snaphook

End-Fitting



CB25052
1"(25mm × 500KGS)
Cambuckle

CB35071
1.5"(38mm × 700KGS)
Cambuckle

CB50082
2"(50mm × 800KGS)
Cambuckle

PB25101-YZ
1"(25mm × 1,200KGS)
Pushbuckle

WH25151
1"(25mm × 1,500KGS)
Double J Hook

WH35301
1.5"(35mm × 3,000KGS)
Double J Hook

WH50501
2"(50mm × 5,000KGS)
Double J Hook

WH75101
3"(75mm × 8,000KGS)
Double J Hook

WH10101
4"(100mm × 10,000KGS)
Double J Hook



FH25081
1"(25mm × 800KGS)
Flat Hook

FH50251
2"(50mm × 2,500KGS)
Flat Hook

CC25031-WH
1"(25mm × 300KGS)
Crocodile Clip

SH25101-PVC
25mm × 1,000KGS
S Hook, PVC Coated

FS50501
2"(50mm × 5,000KGS)
Flat Snap Hook

Square Buckle



(30mm × 3,000kgs)

(40mm × 8,000KGS)

(50mm × 10,000kgs)

(50mm × 15,000kgs)

Others



2"(50mm × 5,000kgs)
Hook&Keeper

2"(50mm × 1,500kgs)
D Ring

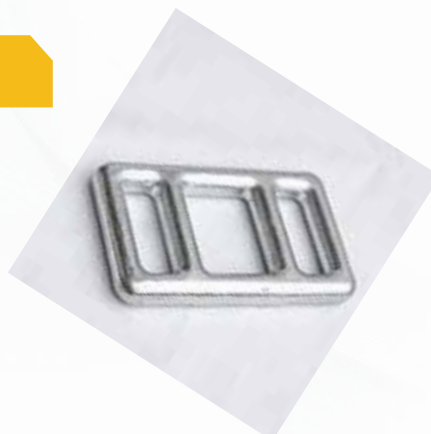
3"(75mm × 8,000kgs)
Delta Hook

2"(50mm × 5,000kgs)
Claw Hook

2"(50mm × 5,000KGS)
Triangle Buckle

SB50501W
(50mm × 5,000KGS)
Webbing Adjuster

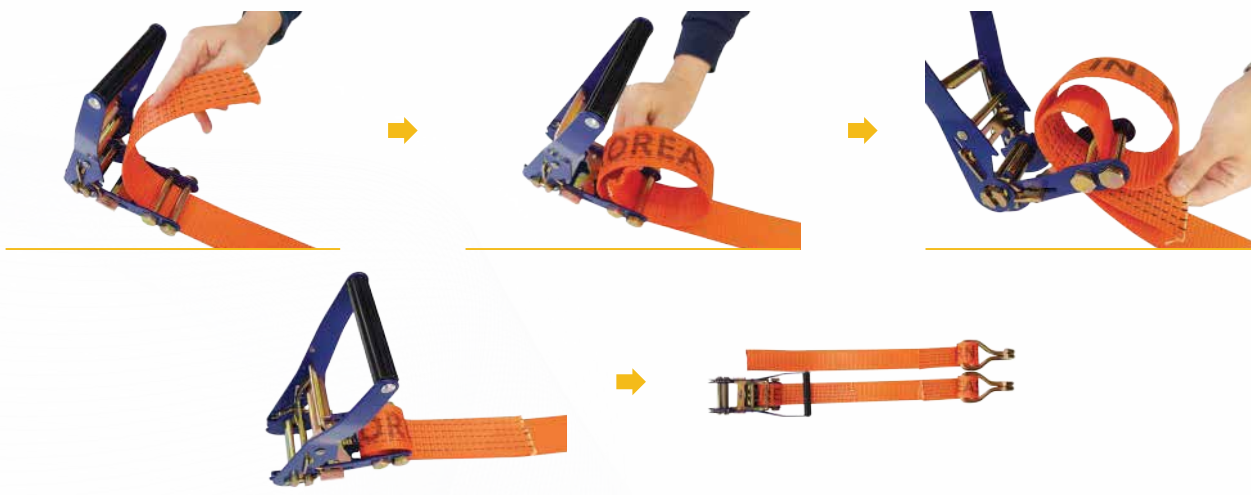
Iron Forged Lashing Buckle



CARGO LASHING SYSTEM

How to use

Lashing Webbing with Buckle-Non Stitched Lashing



Actual using of Cargo Lashing

40mm × 5,000KGS, White



50mm × 6,500KGS, Yellow



TNTD LASH, 40mm × 5,000KGS, Orange



Warning to use for Lashing System

- 1 Do not use for Lifting
- 2 Only use Webbing lashings manufactured to EN 12195-2:2001
- 3 Do not tie knots to shorten the webbing
- 4 Use protection pad on sharp edges
- 5 Regularly check the webbing for cuts and frays
- 6 Keep away from alkalis and strong acids
- 7 Only use Lashing System which are clearly marked with a rated assembly strength and

Minimum Break Strength

HARNESS & LANYARD

Safety Full Body Harness

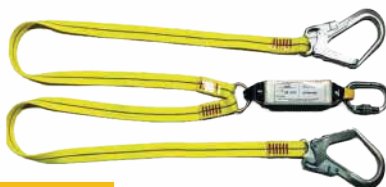


- 1 Weight: 850g, Strength>15kN(Meet to EN361)
- 2 Comfortable Shoulder pad
- 3 Adjustable thigh & Chest strap
- 4 Material
 - 44mm, Polyester Body strap
 - 30mm, Polypropylene Chest webbing
 - Fall arrest Dorsal D ring(Alloy steel, Min 15kN)
 - One touch Chest Buckle



- 1 Weight: 1260g, Strength>15kN(Meet to EN361)
- 2 Comfortable Shoulder pad
- 3 Adjustable thigh & Chest strap
- 4 Material
 - 44mm, Polyester Body strap
 - 30mm, Polypropylene Chest webbing
 - Fall arrest Dorsal D-ring : Alloy steel, Min 15kN
 - One touch Chest Buckle
 - Comfortable cushioned Back & Waist pad
 - Automatic Waist Buckle
 - Optional Mobile & Walkie-talkie case

Fall Arrest Lanyard : Shock Absorber Separated Type



- 1 Weight: 1300g, Strength>22kN(Meet to EN355)
- 2 Material
 - 28mm Polyester Lanyard Belt
 - Shock absorber(>6kN, >1.75M arrest)
 - Sub belt of SA
 - Hook, Carabiner, O ring



- 1 Weight: 1380g, Strength>22kN(Meet to EN355)
- 2 Material
 - Shock absorber(>6kN, >1.75M arrest)
 - 25mm Elastic belt(Min 22kN)
 - 31mm Shock absorber(>20kN)
 - Hook, Carabiner, O ring



- 1 Weight: 730g, Strength>22kN(Meet to EN355)
- 2 Material
 - POY Energy Absorbing Belt(>6kN, >1.75M arrest)
 - 40mm Polyester Tubular Webbing
 - Elastic Webbing
 - Hook, Carabiner

Fall Arrest Lanyard : All-In-One Shock Absorber Type



- 1 Material: Polyester, UHMWPE (Super Light & Ultra Strength), Aramid (Kevlar) available
- 2 Cost savings: No need for additional manual labor to insert the POY strap into tubular webbing
- 3 Lightweight: No need "Shock Absorber" pack in the middle of fall arrest lanyard
- 4 Excellent dynamic performance
- 5 Flexible length of lead lanyard, Soft and easy to handle
- 6 Various colors and design available

MOORING ROPE PROTECTOR

Cost-effective option to protect your ropes

An excellent cost-effective option to protect your ropes from abrasive surfaces. PMT ULTRA Mooring Rope Protector is a Flat Polyester webbing pad Used for the protection of mooring ropes against abrasive surfaces.

maximize the lifespan



Available sizes:

Width(mm)	Length(mm)	Dia(mm)
250	3000	24 to 40
300	3000	44 to 56
375	3000	60 to 80
525	3000	84 to 110

Every piece of our PMT ULTRA Mooring Rope Protector come with a traceability code which allows an end-to-end traceability system to verify the quality and integrity of our products.

With a very minimum cost set aside to purchase these protectors, you will achieve substantial cost savings in return because your ropes are being protected for a much invreased life-span!



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