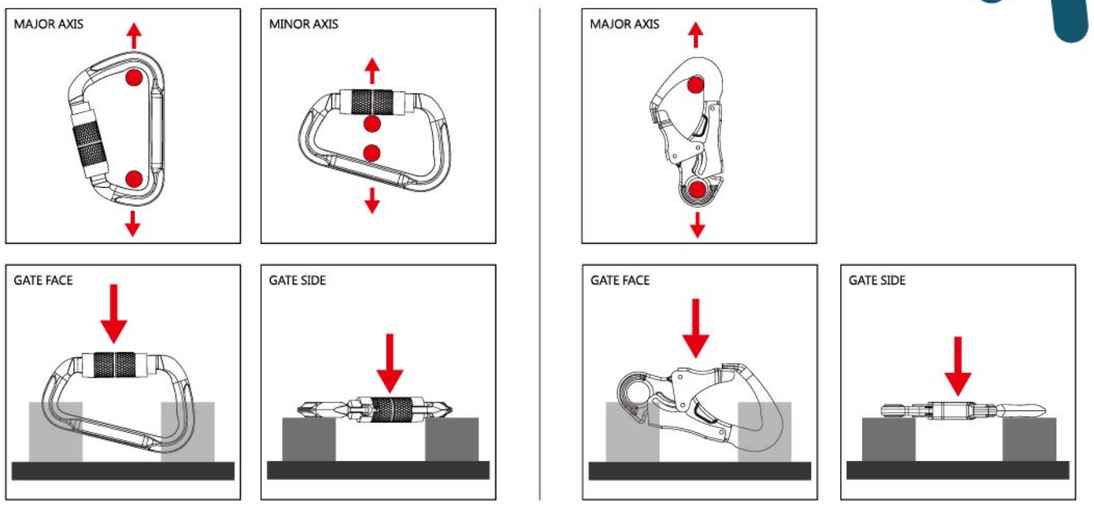
Fall Protection

TECHNOLOGY INFORMATION

STRICT QUALITY TEST METHOD AND LOADING TEST AT WIN CHANCE

CARABINER & HOOKS



MINIMUM REQUIREMENTS AS OUTLINED FOR HOOKS AND CARABINERS PER SATNDRAD：

Standard	CSA Z259.12-01	CSA Z259.12-11	ANSI 359.1-1999	ANSI/ASSE Z359.12-2009	EN 362:2004	NFPA 1983-2006
Major Axis	5000 lbs (22.2kN)	5000 lbs (22.2kN)	5000 lbs (22.2kN)	5000 lbs (22.2kN)	4500 lbs (20kN)	* * *
Gate Face	220 lbs (1kN)	3600 lbs (16kN)	220 lbs (1kN)	3600 lbs (16kN)	220 lbs (1kN)	N / A
Side Load	350 lbs (1.55kN)	3600 lbs (16kN)	350 lbs (1.55kN)	3600 lbs (16kN)	350 lbs (1.55kN)	N / A
Minor Axis	N/A	3600 lbs (16kN)	N/A	3600 lbs (16kN)	* *	* * *

＊New Standard require Minor Axis Loading for connectors with non-integral eyes.

＊＊EN: Basic Connector 1575 lbs(7kN); Multi Use Connector 3378lbs(15kN)

＊＊＊NFPA: Light Use… Major Axis gate closd 8922 lbs(39.7kN);
Major Axis gate open 2473 lbs(11kN); Minor Axis 2473 lbs(11kN)

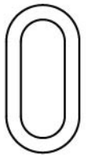
www.winchance.tw

R&D TEAM

With current facilities, Win Chance already had professional production lines of steel alloy, stainless steel and aluminum alloy as our back up so we can achieve customer request on Carabiner, Safety Hooks, Safety Buckles and provided customer OEM and ODM items for their own design concept and meet their safety requirements. After 4 years striving in fall protection filed, we successfully gain worldwide customer trust and support customer produce various new functional demands with reliable quality. These fruitful results stepped up our aluminum forging production line to be built this January 2016, Win Chance now became a multiple supplier to offer more application for our business partner.

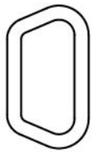
WIN CHANCE DESIGN CONCEPT

SHAPE



OVAL

C Carabiner /
Design for lower loads.

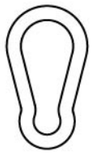


Regular D

D Carabiner / Designed to orient the load in a predetermined direction on the connector' s body.

Asymmetrical D

V or D1 Carabiner / V Shape is offset or curved to one side allows a climber to use the Munter Hitch for belaying without the rope getting stuck or jammed.



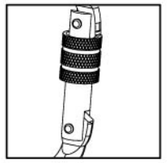
WAIST

Waist Carabiner is to design to secure rope at bottom. To make sure the loading force is in same horizontal.

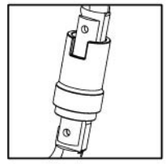
SPECIAL

Captive Eye Carabiner / Connectors with complex shapes for a particular purpose; to be connected directly to a special anchor type.

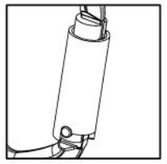
GATE



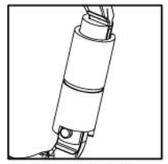
SCREW-LOCK



KWIK-LOCK



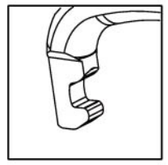
TRIPLE-LOCK



TWIST-LOCK

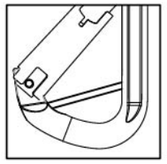
NOSE

Snag Free



Regular

CAPTIVE PIN

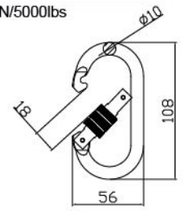


Steel Carabiner

C Carabiner

CBR-S-003

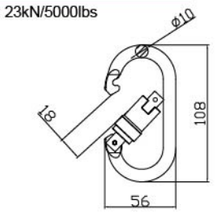
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Screw Lock



C Carabiner

CBR-S-005

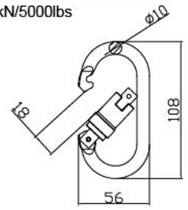
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



C Carabiner

CBR-SP-001

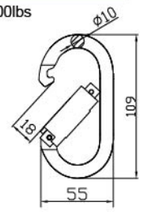
Min. Breaking Strength: 23kN/5000lbs
Stainless Steel
Kwkilock



C Carabiner

CBRA-S10-001

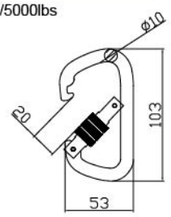
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Twist Lock



D Carabiner

CBRD-S-001

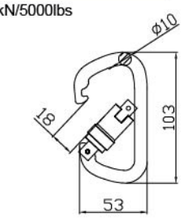
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Screw Lock



D Carabiner

CBRD-S-007

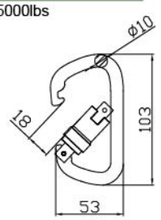
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



D Carabiner

CBRD-SP-001

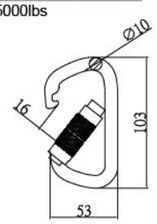
Min. Breaking Strength: 23kN/5000lbs
Stainless Steel
Kwkilock



D Carabiner

CBRAD-S10-001

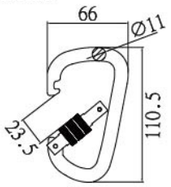
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Twist Lock



D Carabiner

CBRAD-S11-001

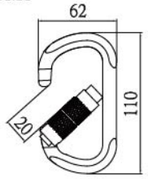
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Twist Lock



D Carabiner

CBRAD-F-002

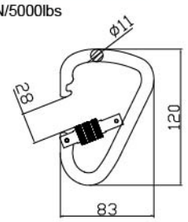
Min. Breaking Strength: 40kN/8900lbs
Forged Alloy Steel
Twist Lock



D1 Carabiner

CBRD1-S-001

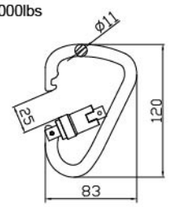
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Screw Lock



D1 Carabiner

CBRD1-S-005

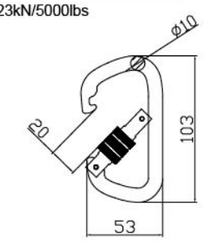
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



D Carabiner

CBRD-S-001

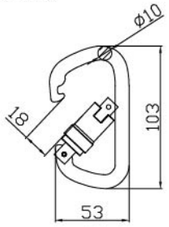
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
ScrewLock



D Carabiner

CBRD-S-007

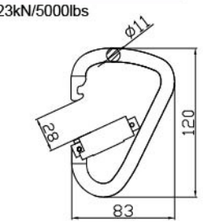
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



D1 Carabiner

CBRAD1-S11-001

Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Twist Lock

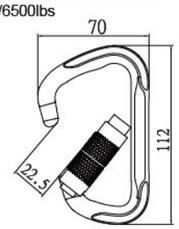


D1 Carabiner

CBRTD1-F-002

Min. Breaking Strength: 30kN/6500lbs
Forged Alloy Steel
Triple Lock

SNAG FREE

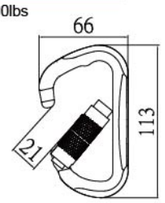


D1 Carabiner

CBRTD1-F-003

Min. Breaking Strength: 30kN/6500lbs
Forged Alloy Steel
Triple Lock

SNAG FREE

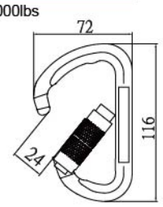


D1 Carabiner

CBRTD1-F-004

Min. Breaking Strength: 41kN/9000lbs
Forged Alloy Steel
Triple Lock

SNAG FREE

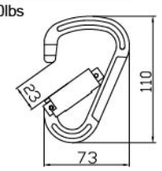


D1 Carabiner

CBRAD1-S11-002

Min.Breaking Strength:23kN/5000lbs
Alloy Steel
Twist Lock

SNAG FREE

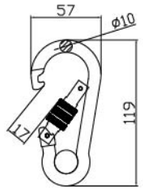


Steel Carabiner

WAIST Carabiner

SH01CX-010119

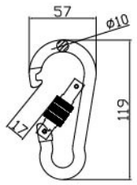
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Screw Lock



WAIST Carabiner

SH01CX-100120SP-1

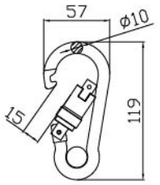
Min. Breaking Strength: 23kN/5000lbs
Stainless Steel
Screw Lock



WAIST Carabiner

SH01KX-100120

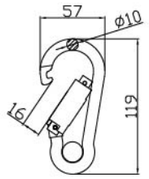
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



WAIST Carabiner

SH01AX-100120

Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Twist Lock



WAIST Carabiner

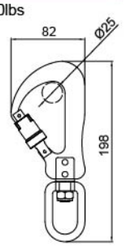
SH01TX-F-001

Min. Breaking Strength: 30kN/6500lbs
Forged Alloy Steel
Triple Lock

Large Swivel Carabiner

CBRR-S-001

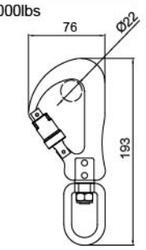
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



Medium Swivel Carabiner

CBRR-S-002

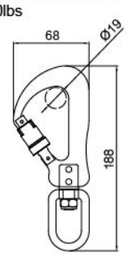
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



Small Swivel Carabiner

CBRR-S-003

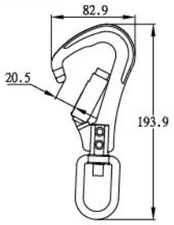
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwkilock



Swivel Carabiner

CBRR-F-001

Min. Breaking Strength: 30kN/6500lbs
Forged Alloy Steel
Twist Lock

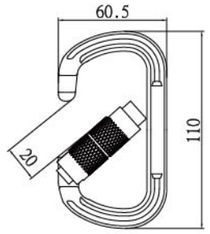


Aluminum Carabiner

D Carabiner

CBRAD-ALF-001

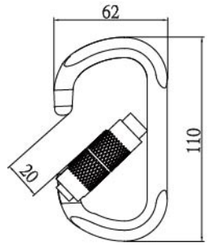
Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock
Anodized



D Carabiner

CBRAD-ALF-002

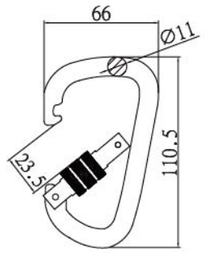
Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock
Anodized



D Carabiner

CBRD-AL11-001

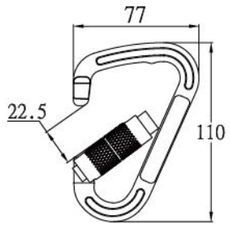
Min. Breaking Strength: 23kN/5000lbs
Aluminum Alloy
Screw Lock
Anodized



D1 Carabiner

CBRAD1-ALF-001

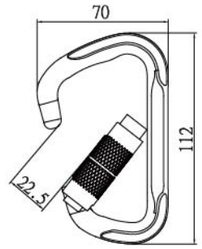
Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock
Anodized



D1 Carabiner

CBRAD1-ALF-002

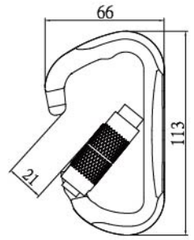
Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock
Anodized



D1 Carabiner

CBRAD1-ALF-003

Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock
Anodized

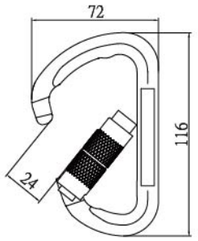


Aluminum Carabiner

D1 Carabiner

CBRAD1-ALF-004

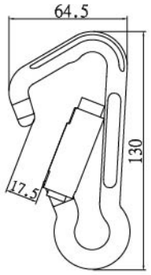
Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock
Anodized



WAIST Carabiner

SH01AX-ALF-001

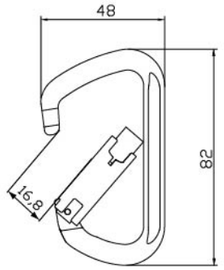
Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock
Anodized



Carabiner

CBRAD-AL08-001

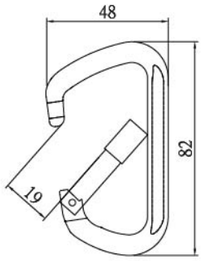
Min. Breaking Strength: 9kN/2000lbs
Aluminum Alloy
With Captive Pin
Twist Lock
Anodized



Quick Connector

LQ02-AL08-001

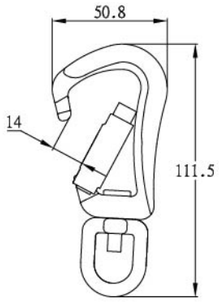
Min. Breaking Strength: 9kN/2000lbs
Aluminum Alloy
Quick Lock
Anodized



Swivel Connecter

CBRADV-ALF-001

Min. Breaking Strength: 9kN/2000lbs
Forged Aluminum Alloy
Twist Lock
Anodized



Fall Protection For Tools

Tool Set with Bungee Rope makes work environments safer and more productive by drastically reducing falling object incidents resulting in personal injury, equipment damage, and tool loss.

Tool Set with Bungee Rope

TOOL SET-01

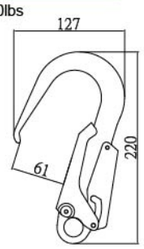
Aluminum Swivel Connectors
Twist Lock
Anodized
Bungee Rope 52cm, extended 104cm

Snap Hook

Self Locking Rebar Hook

RBH-001

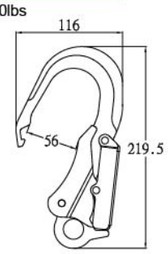
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel



Aluminum Rebar Hook

RBH-L-AL-002

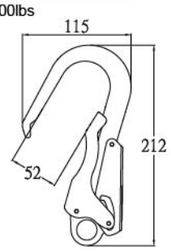
Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy



Self Locking Rebar Hook

RBH-003

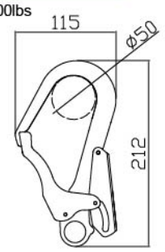
Min. Breaking Strength: 23kN/5000lbs
Forged Alloy Steel



Self Locking Rebar Hook

RBH-003-1

Min. Breaking Strength: 23kN/5000lbs
Forged Alloy Steel
Electric Color Plated

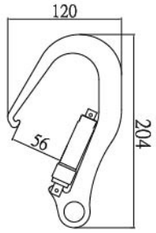


Snap Hook

Stamped Rebar Hook

RBH-004

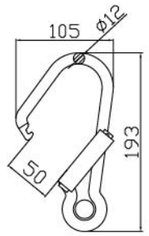
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Kwiklock



Eyelet Rebar Hook

RBH-005

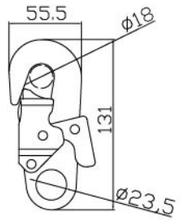
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Twist Lock



Self Locking Snap Hook

RBH-M-001

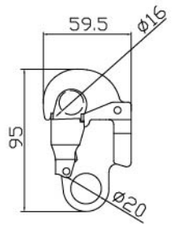
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel



Self Locking Snap Hook

RBH-S-001

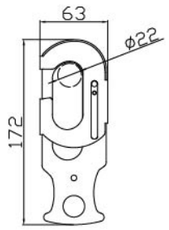
Min. Breaking Strength: 23kN/5000lbs
Alloy Steel



Self Locking Snap Hook

RBH-M-002

Min. Breaking Strength: 23kN/5000lbs
Alloy Steel
Auto Lock

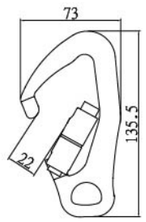


Self Locking Snap Hook

RBH-M-AL-001

Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Twist Lock

SNAG FREE

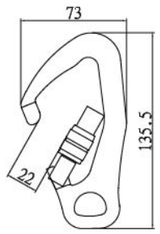


Screw Locking Snap Hook

RBH-M-AL-002

Min. Breaking Strength: 23kN/5000lbs
Forged Aluminum Alloy
Screw Lock
Anodized Titanium

SNAG FREE



Safety Buckle

Harness Safety Buckle
Supplied with various material on the body, bolt and buckle,hooks for varying harness configurations.

Harness Safety Buckle

HSB-001AL-GG

Min. Breaking Strength: 12kN/2500lbs
Aluminum Alloy
Safety Locking System
Webbing: 1 3/4" (45mm)
Net Weight: 75g

Harness Safety Buckle

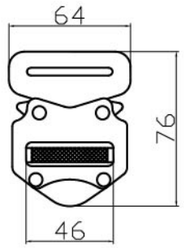
HSB-001H1

Min. Breaking Strength: 15kN/3000lbs
Alloy Steel
Safety Locking System
Webbing: 1 3/4" (45mm)
Net Weight: 120g

Harness Safety Buckle

HSB-001SP-1

Min. Breaking Strength: 10kN/2000lbs
SUS 304/SUS 316
Safety Locking System
Webbing: 1 3/4" (45mm)
Net Weight: 149 gm



Swivel Connector

Swivel Connector

SWC-01

Min. Breaking Strength: 40kN/8900lbs
Forged Alloy Steel

Staineless Swivel Connector

SWC-02

Min. Breaking Strength: 35kN/7500lbs
SUS 304/SUS 316

Aluminum Swivel Connector

SWC-03

Min. Breaking Strength: 9kN/2000lbs
Forged Aluminum Alloy
Anodized Silver

Aluminum Swivel Connector

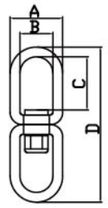
SWC-04

Min. Breaking Strength: 9kN/2000lbs
Forged Aluminum Alloy
Anodized Gold

Aluminum Swivel Connector

SWC-05

Min. Breaking Strength: 9kN/2000lbs
Forged Aluminum Alloy
Anodized Pink



Item No.	A mm	B mm	C mm	D mm
SWC-01/02	43	27	43.5	127
SWC-03/04/05	29.4	17	19.5	69.4