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Buckles



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Cleats & Pulleys

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ZORON





Part #	A
414 Z 3/8	3/8
414 Z 1/2	1/2
414 Z 5/8	5/8
414 Z 3/4	3/4
414 Z 1	1

Part #	A
146 Z 3/8	3/8
146 Z 1/2	1/2
146 Z 5/8	5/8
146 Z 3/4	3/4
146 Z 1	1

Part #	A
147 Z 3/8	3/8
147 Z 1/2	1/2
147 Z 5/8	5/8
147 Z 3/4	3/4
147 Z 1	1

Part #	A	В	C
5015 Z 5/8	2 1/2	3/8	5/8
5015 Z 3/4	2 1/2	13/32	3/4
5015 Z 1	2 1/2	9/16	1
5015 Z 1 1/2	2 1/2	9/16	1 1/2

Part #	A	В	C
5013 Z 3/8	2 1/2	3/8	3/8
5013 Z 1/2	2 1/2	3/8	1/2
5013 Z 5/8	2 5/8	7/16	5/8
5013 Z 3/4	2 5/8	1/2	3/4

IMITATION ROLLER BUCKLE Nickel Plated





A = Strap Size

SQUARED DOUBLE BAR BUCKLE Nickel Plated





A = Strap Size

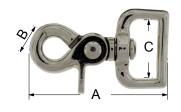
ROUNDED DOUBLE BAR BUCKLE Nickel Plated





A = Strap Size

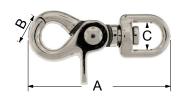
SWIVEL STRAP EYE TRIGGER SNAP Nickel Plated





A = Length / B = Snap Opening / C = Eye

SWIVEL EYE TRIGGER SNAP Nickel Plated





A = Length / B = Snap Opening / C = Eye

Diecast Zinc

DOUBLE ENDED BOLT SNAP Nickel Plated

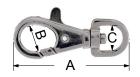


Part #	A	В
161 Z	3 1/2	3/8
162 Z	4	3/8
163 Z	4 5/8	7/16

A = Length / B = Snap Opening

SMALL SWIVEL EYE SNAP HOOK Nickel Plated





Part #	A	В	C
152 Z 1/4	1 1/2	5/32	1/4

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE LATCH SNAP Nickel Plated

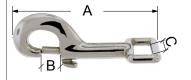




Part #	A	В	C
155 Z 1/2	2	5/16	1/2

A = Length / B = Snap Opening / C = Eye

RIGID STRAP EYE BOLT SNAP Nickel Plated





Part #	A	В	С
25 Z 3/4	3	5/16	3/4
25 Z 1	3 1/4	3/8	1

A = Length / B = Snap Opening / C = Eye

RIGID EYE BOLT SNAP Nickel Plated





Part #	A	В	C
125 Z 5/8	3 3/8	3/8	5/8
125 Z 3/4	3 1/2	3/8	3/4

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Diceast Zinc

RIGID STRAP EYE SPRING SNAP Nickel Plated

Part #	A	В	C
200 Z 1	3	5/16	1





A = Length / B = Snap Opening / C = Eye

SMALL SWIVEL EYE BOLT SNAP Nickel Plated

Part #	A	В	C
205 Z 1/4	1 1/2	5/32	1/4

A

2 1/2

2 1/2

3

3 1/4

3 1/4

3 1/4

A

3 1/4

3 1/2

3 5/8

3 7/8

В

1/4

13/64

3/8

3/8

3/8

3/8

В

1/4

7/16

3/8

7/16

C

1/2

5/8

3/4

1

1 1/2

2

 \mathbf{C}

1/2

5/8

3/4

1

Part#

217 Z 1/2

217 Z 5/8

217 Z 3/4

217 Z 1

217 Z 1 1/2

217 Z 2

Part #

225 Z 1/2

225 Z 5/8

225 Z 3/4

225 Z 1





 $A = Length \ / \ B = Snap \ Opening \ / \ C = Eye$

SWIVEL STRAP EYE BOLT SNAP Nickel Plated





A = Length / B = Snap Opening / C = Eye

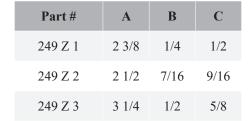
SWIVEL EYE BOLT SNAP Nickel Plated

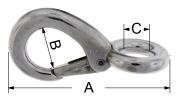




A = Length / B = Snap Opening / C = Eye

RIGID EYE MARINE SNAP Nickel Plated



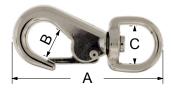




Diecast Zinc

SWIVEL EYE MARINE SNAP Nickel Plated





Part #	A	В	C
251 Z 1	3 5/16	1/2	11/16
251 Z 2	3 3/8	1/2	3/4
251 Z 3	3 3/4	1/2	7/8

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE DECOY SNAP Nickel Plated





Part #	A	В	C
334 Z 3/8	2	7/32	3/8

A = Length / B = Snap Opening / C = Eye

SMALL RIGID EYE SPRING SNAP Nickel Plated





Part #	A	В	C
340 Z 1/2	1 5/8	11/64	1/2
340 Z 3/4	1 3/4	3/16	3/4

A = Length / B = Snap Opening / C = Eye

DOG LEAD SWIVEL SNAP Nickel Plated

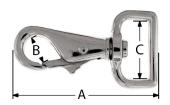


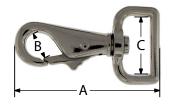


Part #	A	В	C
437 Z 3/8	2 1/2	3/16	3/8
437 Z 1/2	2 1/2	1/4	1/2

A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE BOLT SNAP Nickel Plated





Part #	A	В	C
4800 Z 1	2 1/2	.23	1
4800 Z 2	2 1/2	.23	2

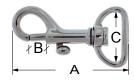
 $A = Length \ / \ B = Snap \ Opening \ / \ C = Eye$

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SMALL SWIVEL EYE BOLT SNAP Nickel Plated

Part #	A	В	C
569 Z 3/4	1 11/16	1/4	3/4





A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE SPRING SNAP Nickel Plated

Part #	A	В	C
4350 Z 3/4	2 1/2	1/4	3/4
4350 Z 1	2 1/2	1/4	1

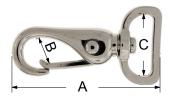




A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE SPRING SNAP Nickel Plated

Part #	A	В	C
828 Z 1	2 1/2	9/32	1
828 Z 1 1/2	2 1/2	9/32	1 1/2

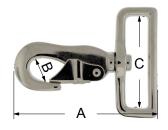




A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE LATCH SNAP Nickel Plated

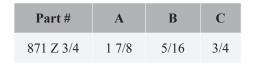
Part #	A	В	C
848 Z 3/4	3 3/16	3/8	3/4
848 Z 1	3	7/16	1
848 Z 2	3 1/4	3/8	2

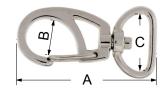




A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE SNAP HOOK Nickel Plated

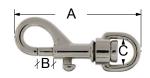






SMALL SWIVEL EYE BOLT SNAP Nickel Plated





Part #	A	В	C
5300 Z 3/8	2 1/4	9/32	3/8

A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE BOLT SNAP Nickel Plated





Part #	A	В	C
5579 Z 1/2	2	1/4	1/2

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE LEASH SNAP Nickel Plated



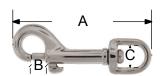


Part #	A	В	C
5025 Z 3/8	3	1/4	3/8
5025 Z 1/2	3 1/8	1/4	1/2
5025 Z 5/8	3 3/16	3/8	5/8
5025 Z 3/4	3 1/4	1/4	3/4

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE LEASH SNAP Nickel Plated



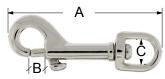


Part #	A	В	C
5045 Z 3/8	2 5/8	1/4	7/16

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP Nickel Plated



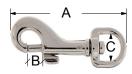


Part #	A	В	C
5055 Z 1/2	2 3/8	1/4	1/2

Diecast Zinc

SMALL SWIVEL EYE BOLT SNAP Nickel Plated

Part #	A	В	C
5079 Z 3/8	2	3/8	3/8





A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE SLIDE SNAP Nickel Plated

Part #	A	В	C
4910 Z 5/8	2 3/8	.22	5/8
4910 Z 3/4	2 3/8	.22	3/4
4910 Z 1	2 1/2	.25	1





A = Length / B = Snap Opening / C = Eye

SWIVEL EYE SLIDE SNAP Nickel Plated

Part #	A	В	C
4900 Z 3/8	2 3/8	5/32	3/8
4900 Z 1/2	2 1/2	5/32	1/2





EYE & EYE SWIVEL Nickel Plated



 Part #
 A
 B

 175 Z 3/8
 1 7/8
 3/8 x 3/8

 175 Z 5/8
 2 5/8
 5/8 x 5/8

 175 Z 3/4
 2 3/4
 3/4 x 3/4

 175 Z 1
 3 1/8
 1 x 1

A = Length / B = Eye

CLEAT Nickel Plated



Part #	A	В
616 2 1/2	2 1/2	5/32
616 4 1/2	4 1/2	3/16
616 6	6	15/64

A = Length / B = Hole Size

ROUND RING
Nickel Plated



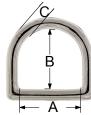


$A = Inside \ Diameter \ / \ B = Wire \ Dia$
--

Part #	A	В
7 Z 3/8	3/8	2.75mm
7 Z 1/2	1/2	2.75mm
7 Z 5/8	5/8	2.75mm
7 Z 3/4	3/4	3mm
7 Z 1	1	3.75mm







A = Inside Flat / B = Inside Height / C = Wire Dia.

Part #	A	В	C
452 Z 3/8	3/8	7/16	2.25mm
452 Z 1/2	1/2	1/2	2.75mm
452 Z 5/8	5/8	9/16	2.85mm
452 Z 3/4	3/4	11/16	3.25mm
452 Z 1	1	7/8	4.5mm

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WIDE SLOT SLIDE Nickel Plated

Part #	A	В
2300 Z 1 T	1	1/4
2300 Z 1 1/2 T	1 1/2	5/16





A = Strap Size / B = Slot SLIDE

Nickel Plated

Part#	A	В
2300 Z 3/8	3/8	5/32
2300 Z 1/2	1/2	5/32
2300 Z 5/8	5/8	11/64
2300 Z 3/4	3/4	3/16
2300 Z 1	1	13/64
2300 Z 1 1/2	1 1/2	7/32
2300 Z 2	2	3/16





A = Strap Size / B = Slot

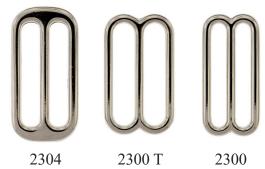
SLIDE Nickel Plated

Part #	A	В
2304 Z 1 1/2	1 1/2	1/4
2304 Z 2	2	9/32



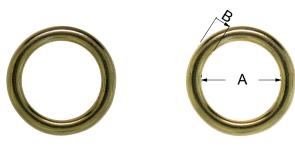


A = Strap Size / B = Slot



Product comparison - Slides shown in same strap size

ROUND RING

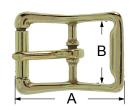


A = Inside Dia. / B = Wire Dia.

Part #	A	В
7 B 1/2	1/2	.135
7 B 5/8	5/8	.14
7 B 3/4	3/4	.15
7 B 1	1	.20
7 B 1 1/8	1 1/8	.20
7 B 1 1/4	1 1/4	.20
7 B 1 1/2	1 1/2	.243
7 B 1 3/4	1 3/4	.243
7 B 2	2	.243

IMITATION ROLLER BUCKLE





Part #	A	В
150 B 3/4	1 3/4	3/4
150 B 1	2 1/8	1

3

3 1/2

4 1/2

B

1/4

3/8

5/16

3/8

Part #

160 B

161 B

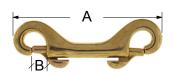
162 B

163 B

A = Length / B = Strap Size

DOUBLE ENDED BOLT SNAP





A = Length / B = Snap Opening

EVE & EVE SWIVE	Γ





Part #	A	В
175 B 3/4	2 5/8	3/4

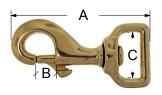
A = Length / B = Eye

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SWIVEL STRAP EYE BOLT SNAP

Part #	A	В	C
217 B 5/8	2 7/8	3/8	5/8
217 B 3/4	3	3/8	3/4
217 B 1	3	7/16	1

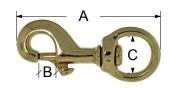




A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP

Part #	A	В	C
225 B 5/8	3 1/8	5/16	5/8
225 B 3/4	3 3/16	3/8	3/4
225 B 1	3 5/8	7/16	1

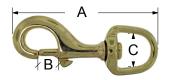




A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP

Part #	A	В	C
228 B 5/8	3 7/8	7/16	5/8
228 B 3/4	4	1/2	3/4

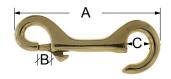




A = Length / B = Snap Opening / C = Eye

OPEN EYE BOLT SNAP

Part #	A	В	C
232 B	4	5/16	9/16

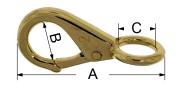




A = Length / B = Snap Opening / C = Eye

RIGID EYE MARINE SNAP







SWIVEL EYE MARINE SNAP



Brass

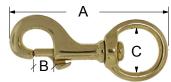


Part #	A	В	C
251 B 1	3 1/4	5/16	5/8
251 B 2	3 3/4	7/16	3/4
251 B 3	4 1/2	1/2	3/4

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP



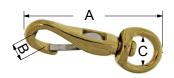


Part #	A	В	C
255 B 1 1/4	4 3/4	5/8	1 1/4

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE DECOY SNAP



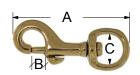


Part #	A	В	C
334 B 3/8	2 7/32	3/16	3/8

A = Length / B = Snap Opening / C = Eye

SMALL SWIVEL EYE BOLT SNAP



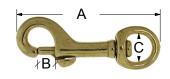


Part #	A	В	C
350 B 1/2	2 1/4	1/4	1/2

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP



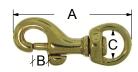


Part #	A	В	C
5079 B 7/16	2 7/32	1/4	7/16

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SMALL SWIVEL EYE BOLT SNAP

Part #	A	В	C
5900 B 3/8	1 3/4	3/16	3/8

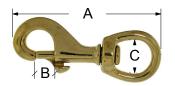




A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP

Part #	A	В	C
825 B 3/4	3 1/2	15/32	3/4

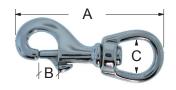




A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP Chrome Plated Brass

Part #	A	В	C
825 CB 3/4	3 1/2	15/32	3/4

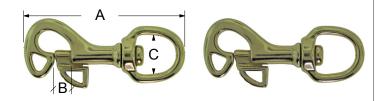




A = Length / B = Snap Opening / C = Eye

BUTTERFLY SNAP

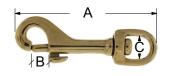
Part #	A	В	C
827 B 3/4	3 11/16	1/2	3/4



A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP

Part #	A	В	C
5025 B 3/8	2 7/8	15/64	3/8
5025 B 1/2	2 29/32	9/32	1/2
5025 B 5/8	3 1/8	5/16	5/8

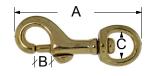




Brass

SMALL SWIVEL EYE BOLT SNAP



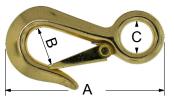


Part #	A	В	C
5055 B 3/8	2 3/8	3/16	3/8
5055 B 1/2	2 1/2	1/4	1/2

A = Length / B = Snap Opening / C = Eye

RIGID EYE LATCH SNAP



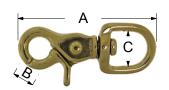


Part #	A	В	C
2311 B 3/4	4 1/8	1/2	3/4
2311 B 1 1/8	4 3/4	5/8	1 1/8

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE TRIGGER SNAP



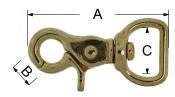


Part#	A	В	C
5013 B 1/2	2 1/2	3/8	1/2
5013 B 5/8	2 5/8	3/8	5/8

A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE TRIGGER SNAP



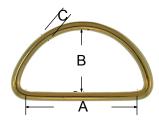


Part #	A	В	C
5015 B 5/8	2 5/8	3/8	5/8
5015 B 3/4	2 5/8	3/8	3/4
5015 B 1	2 5/8	1/2	1

A = Length / B = Snap Opening / C = Eye

D-RING, LOW RISE





Part #	A	В	C ≈
3250 B 1.5 L	1.5	1	3.75mm
3250 B 2 L	2	1	3.75mm

A = Inside Flat / B = Inside Height / C = Wire Dia.

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D- RING

Part #	A	В	C ≈
3250 B 1/2	1/2	1/2	3mm
3250 B 3/4	3/4	3/4	3.75mm
3250 B 7/8	7/8	3/4	4.0 mm
3250 B 1	1	7/8	4.25mm
3250 B 1 1/4	1 1/4	1	4.5mm
3250 B 1 1/2	1 1/2	1 1/4	5mm
3250 B 2	2	17/16	6.5mm

C	3	
←	Α —	-
		B A



A = Inside Flat / B = Inside Height / C = Wire Dia.

SLIDE Nickel Plated Solid Brass

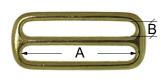
Part #	A	В
2300 B 3/4 NP	3/4	1/4
2300 B 1 NP	1	1/4
2300 B 2 NP	2	1/4



A = Inside Width / B = Inside Height

SLIDE

Part #	A	В
2300 B 1/2	1/2	1/4
2300 B 3/4	3/4	1/4
2300 B 1	1	1/4
2300 B 1 1/2	1 1/2	1/4
2300 B 2	2	1/4





A = Inside Width / B = Inside Height

ROPE CLAMP

Part #	A	В
611 B	1 3/4	3/8 to 1/2

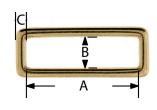




A = Length / B = Rope Size

LOOP

Part#	A	В	C
4950 B 1	1	3/8	1
4950 B 1.5	1.5	3/8	1.5
4950 B 2	2	3/8	2





 $A = Inside \ Width \ / \ B = Inside \ Height \ / \ C = Wire \ Dia.$



3142 B 7/8 4	5/8	7/8

A = Length / B = Snap Opening / C = Eye

Bra

DOUBLE ENDED BOLT SNAP

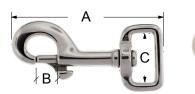
Part #	A	В
162 S	4	3/8
163 S	4 13/16	1/2



A = Length / B = Snap Opening

SWIVEL STRAP EYE BOLT SNAP

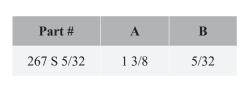
Part #	A	В	C
217 S 1	3 1/4	7/16	1

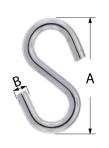




A = Length / B = Snap Opening / C = Eye

S-HOOK







A = Length / B = Wire Dia.

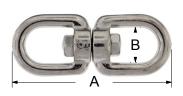
EYE & EYE SWIVEL

Part #	A	В
318	2 5/16	1/2 x 1/2
319	2 5/8	5/8 x 5/8
320	3 1/2	3/4 x 3/4

4

325 S 1

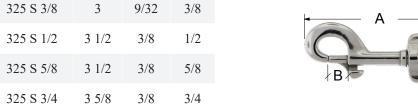
7/16





A = Length / B = Eye

Part # A B C SWIVEL EYE BOLT SNAP





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RIGID EYE MARINE SNAP



A = Length / 1	3 = Snap O	pening / C	= Eye
----------------	------------	------------	-------

A C Part # 349 0 2 1/8 3/16 3/8 349 1 2 3/4 3/8 5/8 349 2 3 1/4 1/2 3/4 349 3 3 3/4 9/16 3/4

SWIVEL EYE MARINE SNAP





Part #	A	В	C
351 1	3 5/16	3/8	5/8
351 2	3 7/8	1/2	3/4
351 3	4 5/8	9/16	3/4

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP



Part #	A	В	C
355 1 1/4	4 7/8	9/16	1 1/4

A = Length / B = Snap Opening / C = Eye

RIGID EYE LATCH SNAP



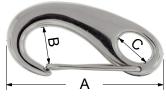


Part #	A	В	C
2311 S 3/4	4 1/16	19/32	3/4
2311 S 1 1/8	4 5/8	3/4	1 1/8

A = Length / B = Snap Opening / C = Eye

GATE SNAP





Part #	A	В	C
368 2	2	7/16	1/4
368 4	4	7/8	1/2

A = Length / B = Snap Opening / C = Eye

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Stainless Steel

Part#	A	В
602 3/16	3/16	3
602 1/4	1/4	3
602 5/16	5/16	3
602 3/8	3/8	3





A = Cable Size / B = # of Clips Needed

Part #	A	В	C
625 1/8	1 3/4	1/8	5/8
625 3/16	1 13/16	3/16	1/2
625 1/4	2	1/4	11/16
625 5/16	2 1/2	5/16	3/4

WIRE ROPE THIMBLE



A = Length / B = Cable Size / C = Inside Width

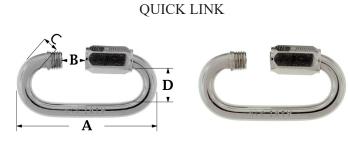
Wire rope clips are not to be used on plastic coated cable without first stripping off plastic. Wire rope clips should be installed over bare cable only.

Warning: Nuts must be retightened or re-torqued regularly!



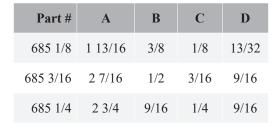
Right Way

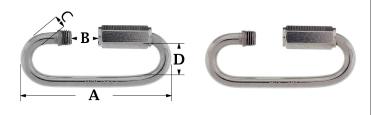
Part #	A	В	C	D
682 1/8	1 7/16	3/16	1/8	3/8
682 3/16	1 15/16	1/4	3/16	1/2
682 1/4	2 5/16	5/16	1/4	9/16
682 5/16	2 7/8	3/8	5/16	5/8
682 3/8	3 3/16	1/2	3/8	3/4



A = Length / B = Jaw Opening / C = Wire Dia.D = Inside Width

WIDE JAW QUICK LINK





A = Length / B = Jaw Opening / C = Wire Dia. D = Inside Width

CAM BUCKLE



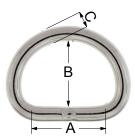


Part #	A	В
1095 S 1	1 3/4	1

A = Length / B = Strap Size

D-RING





A = Inside Width / B = Inside Height / C = Wire Dia.

Part #	A	В	C≈
3252 3/4	3/4	5/8	4mm
3252 1	1	7/8	5.2mm
3252 1 1/2	1 1/2	1 7/16	6mm
3252.2	2	1 11/16	5mm

LOOP



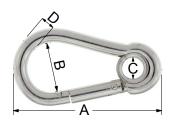


Part #	A	В	C≈
3950 S 1	1	1/2	3/16

A = Inside Width / B = Inside Height / C = Wire Dia.

SPRING SNAP WITH GROMMET



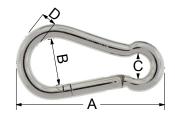


A = Length / B = Snap Opening / C = EyeD = Wire Dia.

Part #	A	В	C	D
2419 3/16	2 1/8	1/4	1/4	3/16
2419 1/4	2 3/8	1/4	5/16	1/4
2419 5/16	3 1/8	3/8	7/16	5/16
2419 3/8	4	1/2	1/2	3/8
2419 7/16	4 3/4	5/8	5/8	7/16

SPRING SNAP





A = Length / B = Snap Opening / C = Eye D = Wire Dia.

Part#	A	В	C	D
2452 3/16	2 1/8	1/4	1/4	3/16
2452 1/4	2 3/8	1/4	5/16	1/4
2452 5/16	3 1/8	3/8	7/16	5/16
2452 3/8	4	1/2	1/2	3/8
2452 7/16	4 3/4	5/8	5/8	7/16
2452 1/2	6 3/8	7/8	9/16	1/2

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Stainless Steel

RIGID STRAP EYE SPRING SNAP Stainless Steel

Part #	A	В	C
4390 S 1	2 5/32	3/8bbb	1





A = Length / B = Snap Opening / C = Eye

CLIP & DEE Stainless Steel

Part #	A	В	C
1954 S 5/8	5/8	7/16	3/16
1954 S 1	1	5/8	3/16





A = Inside Flat / B = Inside Height / C = Wire Diameter

SWIVEL EYE TRIGGER SNAP





Part #	A	В	C
5013 S 1/2	2 7/8	11/32	1/2
5013 S 5/8	3	1/2	5/8

A = Length / B = Snap Opening / C = Eye

SWIVEL STRAP EYE TRIGGER SNAP





Part #	A	В	C
5015 S 3/4	2 1/2	7/16	3/4
5015 S 1	2 11/16	9/16	1

A = Length / B = Snap Opening / C = Eye

WELDED ROUND RING





A = Inside Dia. / B = Wire Dia.

Part #	A	В
7 S 3/4	3/4	3.5mm
7 S 1	1	5mm
7 S 1 1/2	1 1/2	6mm
7 S 2	2	6mm

DOUBLE BAR ROLLER BUCKLE





Part #	A
990 S 1 1/2	1 1/2

A = Inside Diameter

SPRING SNAP #304 Stainless





Part #	A	В	C	D
734	40 mm	.17 mm	.20 mm	3.7 mm

A = Length / B = Snap Opening / C = EyeD = Wire Dia.

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Steel

Part #	A	В
3 NP 1 1/2	1 1/2	.243
3 NP 1 3/4	1 3/4	.243
3 NP 2	2	.243
3 NP 2 1/2	2 1/2	.243
3 NP 3	3	.282

Part#	A	B≈
7 NP 1/2	1/2	.177
7 NP 3/4	3/4	.177
7 NP 1	1	.177
7 NP 1 1/4	1 1/4	.177







A = Inside Dia. / B = Wire Dia.

WELDED ROUND RING Nickel Plated

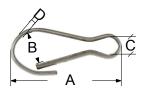




A = Inside Dia. / B = Wire Dia.

SMALL KEY SNAP Nickel Plated Spring Steel

Part #	A	В	C	D
702	1	3/32	5/32	2.2mm



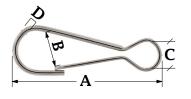


A = Length / B = Snap Opening / C = Eye
D = Wire Dia.

SPRING SNAP

Nickel Plated Steel Wire

Part #	A	В	C	D
718	2 5/8	3/8	1/2	4.5mm



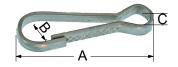


A = Length / B = Snap Opening / C = Eye
D = Wire Dia.

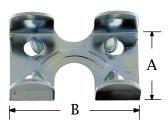
SPRING SNAP

Nickel Plated Steel Wire

Part #	A	В	C
7045	1 3/4	1/8	1/4





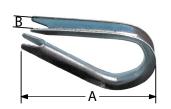


Part #	A	В
609 3/8	11/16	1 9/16
609 1/2	13/16	1 1/2
609 5/8	1	2

A = Inside Width / B = Length

WIRE ROPE THIMBLE Zinc Plated





A = Length / B = Rope/Cable Size

Part #	A	В
623 1/8	1 3/4	1/8
623 3/16	1 5/8	3/16
623 1/4	2	1/4
623 5/16	2 1/8	5/16
623 3/8	2 1/2	3/8

В

3/16

1/4

5/16

3/8

1/2

В

3/8

1/2

 \mathbf{C}

1/8

3/16

1/4

5/16

3/8

 \mathbf{C}

1 1/2

2 1/16

9/16 2 13/32

D

3/8

1/2

9/16

5/8

3/4

D

3/8

1/2

17/32

Part#

680 1/8

680 1/4

680 5/16

680 3/8

Part #

681 3/16

681 1/4

681 1/8 1 13/16

680 3/16 1 15/16

A

1 7/16

2 5/16

2 7/8

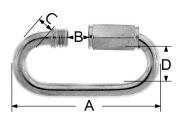
3 1/4

2 7/16

2 3/4

QUICK LINK
Zinc Plated

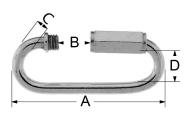




A = Length / B = Opening / C = Wire Dia.D = / Inside Height

WIDE JAW QUICK LINK Zinc Plated





 $A = Length \ / \ B = Snap \ Opening \ / \ C = Wire \ Dia.$

D = Inside Width

DELTA QUICK LINK Zinc Plated





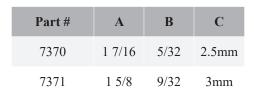
Part #	A	В	C
2360 1/8	1 3/8	3/16	1/8
2360 3/16	1 1/2	7/32	3/16
2360 1/4	2 3/16	9/32	1/4

A = Height / B = Jaw Opening / C = Wire Dia.

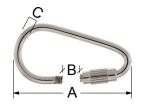
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rage 20	Oldels (000) 393-4411 •	rax (c	SUUJ	339-0700	www.zoronning.com

Steel

PEAR SHAPED QUICK LINK Nickel or Brass Plated



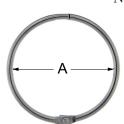




A = Length / B = Snap Opening / C = Wire Dia.

HINGED BINDER RING Nickel Plated

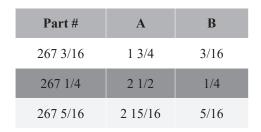
Part #	A
80 NP 1	1
80 NP 2	2
80 NP 3	3
80 NP 5	5

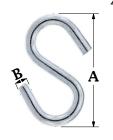




A = Inside Closed

S HOOK Zinc Plated

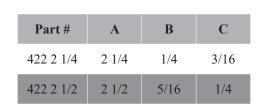


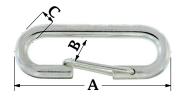




A = Length / B = Wire Dia.

BIT SNAP
Zinc Plated Steel, Round Wire Gate







A = Length / B = Snap Opening / C = Wire Dia.

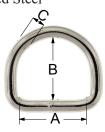
SNAP HOOK Zinc Plated

Part #	A	В	C
463 1/2	4	1/2	1/2







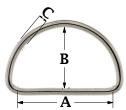


A = Inside Flat / B = Inside Height / C = Wire Dia.

Part #	A	В	C
3250 3/4	3/4	5/8	4.5mm
3250 7/8	7/8	3/4	5.0mm
3250 1	1	7/8	5mm
3250 1 1/4	1 1/4	1 1/16	5.7mm
3250 1 1/2	1 1/2	1 7/16	6mm
3250 2	2	1 5/32	6mm

LOW RISE D-RING Nickel Plated Welded Steel



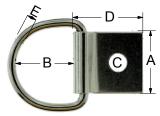


Part #	A	В	C
3250 L 3/4	3/4	11/16	3.5mm
3250 L 1 1/2	1 1/2	15/16	4.7mm
3250 L 2	2	1 5/16	4.7mm

A = Inside Flat / B = Inside Height / C = Wire Dia.

CLIP & DEE Nickel Plated





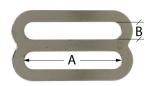
Part #	A	В	C	D	E
1953 3/4	3/4	9/16	3/16	13/16	1/8
1953 1	1	7/8	1/4	7/8	1/8

A = Inside Flat / B = Inside Height / C = Hole D = Clip Length / E = Wire Dia.

SLIDE

Nickel Plated Stamped Steel



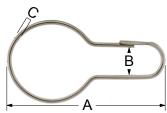


Part #	A	В
2301 1	1	3/16
2301 2	2	3/16

A = Strap Size / B = Slot

GOLF TOWEL HOOK Nickel Plated



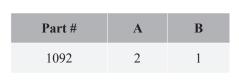


Part #	A	В	C
955	2 11/16	1/2	2.1mm

A = Length / B = Snap Opening / C = Wire Dia.

Steel

CAM BUCKLE Galvanized Steel



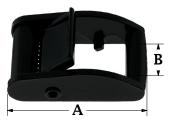




A = Length / B = Strap Size

CAM BUCKLE Black Plated

Part #	A	В
1092 BK	2	1

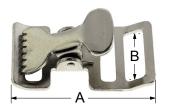




A = Length / B = Strap Size

TOURNIQUET BUCKLE Nickel Plated

Part #	A	В
1234	2 3/8	1





A = Length / B = Strap Size

SLIDE BUCKLE Nickel Plated Sheet Steel

Part #	A	В
5270	2	1 1/2

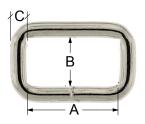




A = Length / B = Strap Size

LOOP Nickel Plated Welded Steel

Part #	A	В	C
3950 1	1	1/2	4.5mm

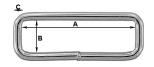




A = Inside Width / B = Inside Height / C = Wire Dia.

Nickel Plated Welded Steel (Thin)





Part #	A	В	C
4950 1.5	1.5	3/8	3 mm
4950 2	2	3/8	3 mm

A = Inside Width / B = Inside Height / C = Wire Dia.

OVAL SPRING SNAP Zinc Plated





Part #	A	В	C
2438 1/4	2 3/16	5/16	1/4
2438 3/8	4	7/8	3/8

1/4

1/4

3/8

1/2

5/8

1/2

7/8

В

1/4

1/4

3/8

1/2

1/4

5/16

7/16

1/2

5/8

3/4

9/16

C

1/4

5/16

7/16

1/2

D

3/16

1/4

5/16

3/8

7/16

15/32

1/2

D

3/16

1/4

5/16

3/8

 \mathbf{A}

2 1/8

2 3/8

3 1/8

4

4 3/4

5 1/2

6 3/8

A

2 1/8

2 3/8

3 1/8

4

Part #

2450 3/16

2450 1/4

2450 5/16

2450 3/8

2450 7/16

2450 15/32

2450 1/2

Part#

2451 3/16

2451 1/4

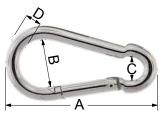
2451 5/16

2451 3/8

A = Length / B = Snap Opening / C = Wire Dia.

SPRING SNAP Zinc Plated



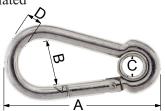


A = Length / B = Snap Opening / C = EyeD = Wire Dia.

SPRING SNAP WITH GROMMET

Zinc Plated

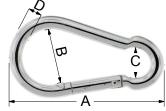




A = Length / B = Snap Opening / C = EyeD = Wire Dia.

WIDE SPRING SNAP

Zinc Plated



Part#	A	В	C	D
2454 5/16	3 1/2	9/16	5/8	5/16

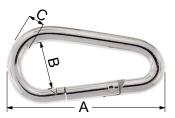
A = Length / B = Snap Opening / C = Eye

D = Wire Dia.

Steel

SPRING SNAP Zinc Plated

Part #	A	В	C
2460 1/4	2 1/2	3/8	1/4
2460 5/16	3 1/8	7/16	5/16

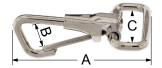




A = Length / B = Snap Opening / C = Wire Dia.

RIGID STRAP EYE SPRING SNAP Nickel or Black Plated

Part #	A	В	C
4390 1	2 5/32	9/32	1
4390 1 BK	2 5/32	9/32	1





SWIVEL EYE BOLT SNAP Nickel Plated



Part #	A	В	C
225 M 1/2	3	5/16	1/2
225 M 5/8	3 1/8	3/8	5/8
225 M 3/4	3 3/16	3/8	3/4
225 M 1	3 3/8	3/8	1

A = Length / B = Snap Opening / C = Eye

OPEN EYE BOLT SNAP Zinc Plated





Part #	A	В	C
231 M	3 1/2	3/8	1/2
232 M	4	3/8	5/8
240 M	4 1/4	3/8	5/8
250 M	6 1/8	1/2	1 1/8

A = Length / B = Snap Opening / C = Eye

WIRE ROPE CLIP
Zinc Plated





A = Cable Size / B = # of Clips Needed

601 1/16	1/16	2
601 1/8	1/8	2
601 3/16	3/16	3
601 1/4	1/4	3
601 5/16	5/16	3
601 3/8	3/8	3

Part #

RIGID EYE LATCH SNAP Nickel Plated



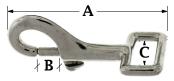


Part #	A	В	C
820 M 5/8	3	1/4	5/8

A = Length / B = Snap Opening / C = Eye

RIGID STRAP EYE BOLT SNAP Nickel Plated

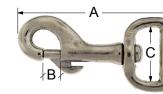




Part #	A	В	C
25 M 1	3 1/4	3/8	1
25 M 2	3 3/4	13/32	2

Malleable Iron

SWIVEL STRAP EYE BOLT SNAP Nickel Plated





 Part #
 A
 B
 C

 217 M 1
 2 7/8
 5/16
 1

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE SNAP Nickel Plated

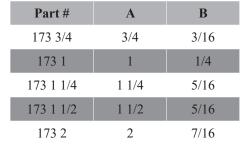
Part #	A	В	C
3142 M 7/8	4 1/8	5/8	7/8





A = Length / B = Snap Opening / C = Eye

SINGLE WHEEL SWIVEL EYE PULLEY
Cast Iron with Bronze Wheel

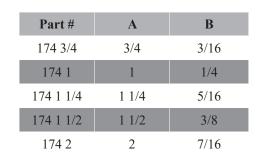






A = Sheave / B = Rope Dia.

SINGLE WHEEL RIGID EYE PULLEY
Cast Iron with Bronze Wheel







A = Sheave / B = Rope Dia.

	Malleable Iron
Malleable Iron	
Malle	
ZORON	
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Part #	A	В
9003 1	2 1/2	1
9003 1 1/2	3	1 1/2
9003 2	3 5/16	2

SIDE RELEASE BUCKLE Black Nylon



A = Length / B = Strap Size

CONTOURED SIDE RELEASE BUCKLE Black Nylon

Part #	A	В
9004 1/2	1 1/2	1/2
9004 5/8	1 3/4	5/8
9004 3/4	2	3/4
9004 1	2 5/8	1





A = Length / B = Strap Size

HEAVY DUTY LADDER LOCK
Black Plastic

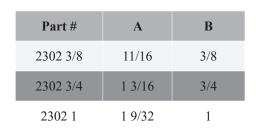
Part #	A	В
9045 1	1 5/8	1





A = Length / B = Strap Size

SLIDE Black Plastic

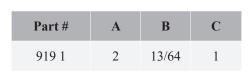


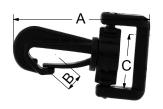




A = Length / B = Strap Size

BI-SWIVEL STRAP EYE SNAP HOOK Black Plastic







Plastic, Aluminum, Copper

SNAP HOOK Black Plastic



Part #	A	В	C
988 3/16	2	3/8	3/16

A = Length / B = Snap Opening / C = Eye

RIGID EYE SNAP HOOK Black Nylon



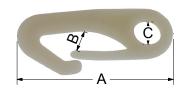


Part #	A	В	C
906 3/8	2 1/3	5/16	3/8

A = Length / B = Snap Opening / C = Eye

RIGID EYE SNAP HOOK White Nylon



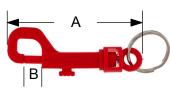


Part #	A	В	C
916 3/8	2 1/3	5/16	3/8

A = Length / B = Snap Opening / C = Eye

SWIVEL EYE BOLT SNAP Red and Black Available



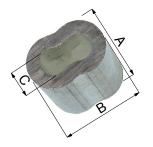


Part #	A	В
920 1/4	2 7/8	3/8

A = Length / B = Snap Opening

Part #	A	В	C
290 1/16	.375	.25	1/16
290 3/32	.50	.406	3/32
290 1/8	.625	.50	1/8
290 5/32	.688	.562	5/32
290 3/16	1	.656	3/16
290 1/4	1.125	.812	1/4
290 5/16	1.25	1.032	5/16
290 3/8	1.438	1.156	3/8

OVAL ALUMINUM SWAGE SLEEVE



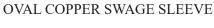


A = Length / B = Width / C = Cable Size

Part #	A	В	C
291 1/8	.575	.492	1/8
291 5/32	.625	.592	5/32
291 3/16	1.00	.671	3/16
291 1/4	1.138	.81	1/4

Part#	A	В	C
291 1/8	.575	.492	1/8
291 5/32	.625	.592	5/32
291 3/16	1.00	.671	3/16
291 1/4	1.138	.81	1/4



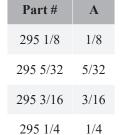






A = Length / B = Width / C = Cable Size

COPPER STOP SLEEVE

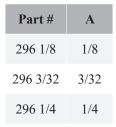






A = Cable Size

ALUMINUM STOP SLEEVE







A = Cable Size

Plastic, Aluminum, Copper ALUMINUM CARABINER

Not Load Rated / Assorted Colors





Part #	A	В	C
2453 3/16	2	1/2	3/16
2453 1/4	2 3/8	1/2	1/4
2453 5/16	3	1/2	5/16

A = Length / B = Snap Opening / C = Wire Dia.

PEAR SHAPED ALUMINUM CARABINER Not Load Rated / Assorted Colors

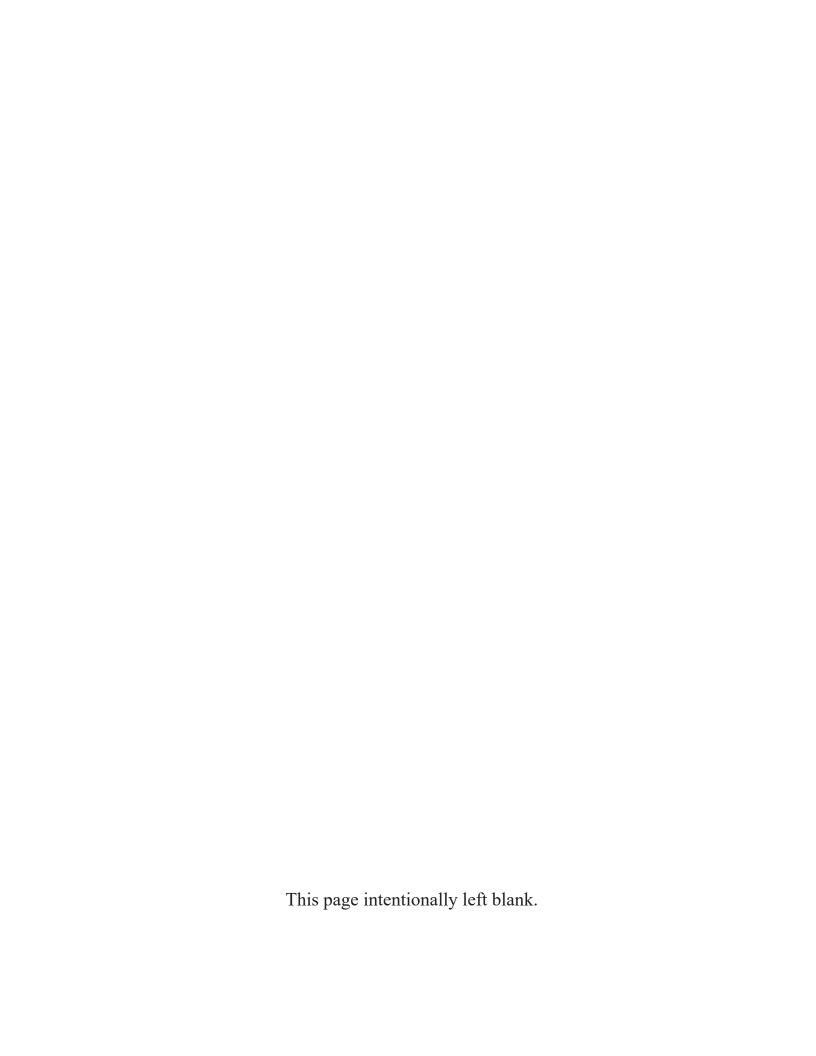




Part #	A	В	C
2455 3/16	2	7/16	3/16
2455 1/4	2 3/8	1/2	1/4
2455 5/16	3	7/16	5/16

A = Length / B = Snap Opening / C = Wire Dia.

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ZORON

Product Information

Our products are manufactured with the finest materials and workmanship available from our domestic and overseas foundries. We maintain a quality control system to assure that goods shipped from our plant are free of defects. All weights and measures are nominal and may change without notice due to ongoing design improvements. Zoron products are fabricated from several different metals. Following are brief descriptions of each material to help you select the best one for the job.

Diecast Zinc

This is a rustproof alloy of zinc and other metals especially suited for metal forming in high pressure casting dies. The metal allows a smooth and attractive product at a lower cost than malleable iron or brass. While it is more brittle and not as strong as malleable iron or brass, its fine appearance, lower cost, and resistance to corrosion have made this a widely used material. Fine quality nickel plating provides the appearance of more expensive chrome.

Stainless Steel

All Zoron snaps of this metal are fabricated from either #304 or #316 stainless steel. #316 stainless is more resistant to corrosion but more costly. Not all products are available in both grades of stainless.

Welded Steel Wire

Zoron rings and "D" rings are made of low carbon steel wire and electroplated with nickel to provide rust resistance and a fine appearance.

Malleable Iron

This metal is formed in sand casting molds and heat treated to provide greater strength. This finished product is electroplated with nickel or zinc to provide rust resistance and an attractive appearance. This is a good choice where strength is required at a modest cost.

Stamped Steel

Zoron wire rope thimbles and rope clamps are made of various thicknesses of low carbon sheet steel and formed by extremely high pressure stamping presses. The finished stamping is electroplated with zinc to provide rust resistance.



ZORON

Terms & Conditions of Sale

Prices and terms of payment are shown on the invoice. Terms are from date of invoice and not from date the goods are received. Funds are to be remitted to Zoron Manufacturing, Inc., 4553 Technology Drive, Unit 8, Wilmington NC 28405. Payment in U.S. currency only. Prices are subject to change without notice. Prices in effect at time of shipment will apply. Any outstanding balances unpaid on the date when due to Seller shall be subject to a non-refundable finance charge of 1½ % per month until paid. Buyer shall be liable for all legal fees incurred in collecting any unpaid balances. No additional orders will be shipped to customer unless account is maintained in a current status.

Backorders

Unless otherwise instructed, all unshipped items will be backordered and shipped when available. If you do not wish backorders, please state so at time of order. Customers refusing non-cancelled backordered merchandise will be liable for the shipping, insurance, and any COD charges incurred.

Claims

Claims for shortages, defects and nonconforming goods must be made by Buyer in writing within ten days of receipt of goods, and no claims made after the expiration of such period will be allowed. Buyer shall not return any goods without a return authorization. Our liability for material found to be defective is limited to the value of the goods sold.

Returns

Special order items or any returns after 30 days cannot be accepted. Customer will pay the freight cost of the return. In case of wrong items shipped, Zoron Manufacturing will credit the customer for the return freight cost. A handling charge may be accessed where applicable.

Delavs

All orders are accepted by Seller upon the express understanding by Buyer that Seller will not be liable for delays in delivery of orders or inability to deliver order caused by or due to inability to obtain transportation or by reason of insurrection, fires, floods, storms, embargoes, actions of any military or civil authorities, whether legal or de facto, strikes, labor difficulties, acts of God or other circumstances beyond control of Seller.

Delivery

The delivery of the goods by Seller to the carrier at the point of origin shall constitute delivery of the goods to Buyer and thereafter the shipment of the goods shall be at Buyer's risk. All claims and allowances for damage to the merchandise incurred in transit must be filed against and presented to the carrier by Buyer.

Freight

All goods are FOB Wilmington, North Carolina. We do not pay freight. Title of goods transfers to the buyer (consignee) at time of shipment.

Minimum Orders

The minimum order is \$75.00.

Sale Terms

All sales are expressly limited to and made conditional upon the terms and conditions contained herein. Objection by buyer to any of the terms contained herein shall be deemed to have been waived if written notice of the objection is not received by seller within ten days of receipt of invoice or acknowledgement or before part of the described goods are accepted by buyer, whichever occurs first.

Payment

By Check: Customers whose checks are returned for uncollected funds will be charged a \$25.00 fee. Customers whose checks are returned a second time will be put on strict COD, cash in advance, or credit card terms (MasterCard, American Express, or VISA.) By Credit Card: We accept MasterCard, and VISA and American Express as a form of payment.

Warranty Disclaimer

We warrant to the original purchaser that the goods sold to such original purchaser are free from defects in material and workmanship under normal use. Our obligation under this warranty shall be limited to thirty days from date of invoice. This warranty is expressly in lieu of all other warranties expressed or implied including the warranties of merchantability and fitness for any particular purpose on our part, and we neither assume, nor authorize any other person to assume for us, any other liability in connection with the sale of these goods. This warranty shall not apply to any part of these goods which have been subject to accident, negligence, alteration, of use or misuse. The term "original purchaser" as used in this warranty shall be deemed to mean that person to whom the goods were originally sold.

Product Safety Notice

If our product is to be used where safety is a factor, the manufacturer should be consulted as to adequacy. **Seller shall have no liability for consequential or incidental damages under any circumstance.** Zoron has no control over buyer or ultimate user's application of our products.

