ITW Nexus Global

PRODUCT CATALOG

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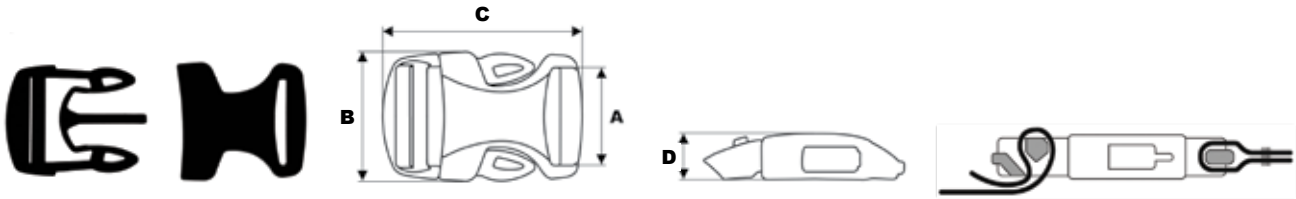
Side Release Buckles

Mach I SR Single

The Mach I Series is our next generation, fully-featured SR buckle family. Mach I's unique and subtle design features both contoured and dished details offering compatibility with a wide range of end product styles. Additional product attributes include both length and weight reduction compared with competitive product as well as our time-proven ITW Slick-Click™ locking mechanism and Mini-Hugger™ release tab. Full flex latch with polished arms provides smooth assembly and release, and the Anti-Pinch™ feature round out the feature set. The Mach I Side Release - the result of over 40 years of continuous buckle innovation from ITW Nexus.

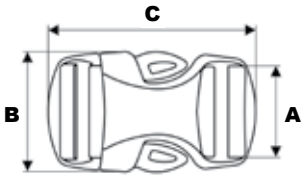


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mach I SR 16	**307569** (408-1000)	**307567** (408-0000)	Acetal	Black	15.8	23.5	44.2	10.2
Mach I SR 20	**307570** (408-1100)	**307568** (408-0100)	Acetal	Black	20.6	27.6	46.2	9.7
Mach I SR 25	**307575** (408-1200)	**307574** (408-0200)	Acetal	Black	25.6	34.0	52.0	12.0
Mach I SR 40	**307578** (408-1300)	**307577** (408-0300)	Acetal	Black	38.6	48.7	64.0	13.0

Components ordered separately

Mach I SR Dual

The Mach I Series is ITW Nexus' next generation, fully-featured SR buckle family. Mach I's unique and subtle design features both contoured and dished details offering compatibility with a wide range of end product styles. Additional product attributes include both length and weight reduction compared with competitive product as well as our time-proven ITW Slick-Click™ locking mechanism and Mini-Hugger™ release tab. Full flex latch with polished arms provides smooth assembly and release, and the Anti-Pinch™ feature rounds out the feature set. The Dual offers adjustment from both sides of the part. The Mach I Side Release - the result of over 40 years of continuous buckle innovation from ITW Nexus.

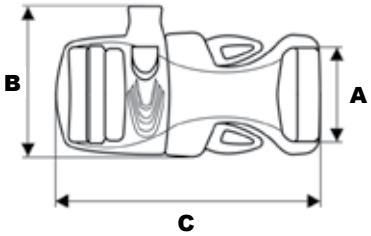


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mach I SR 16	**307569** (408-1000)	**307572** (408-2000)	Acetal	Black	16.0	23.5	49.6	10.2
Mach I SR 20	**307570** (408-1100)	**307573** (408-2100)	Acetal	Black	20.6	27.6	50.7	10.0
Mach I SR 25	**307575** (408-1200)	**307576** (408-2200)	Acetal	Black	25.3	34.0	59.3	12.0
Mach I SR 40	**307578** (408-1300)	**307579** (408-2300)	Acetal	Black	38.6	48.8	74.0	13.0

Components ordered separately

Mach I Whistleloc

The whistle commonly used on backpack sternum straps features Mach styling, FullFlex™ latching, right handed application and a larger blow hole utilizing the Venturi effect.

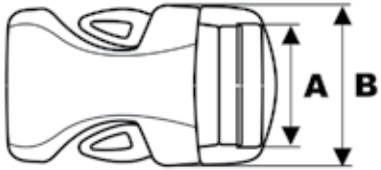


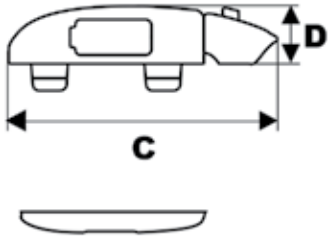
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mach I SR 16 Whistleloc	**307587** (408-0500)	**307567** (408-0000)	Acetal	Black, Orange, Grey	15.8	29.2	52.8	10.2
Mach I SR 20 Whistleloc	**307571** (408-1500)	**307568** (408-0100)	Acetal	Black, Orange, Grey	20.6	32.9	57.2	9.7

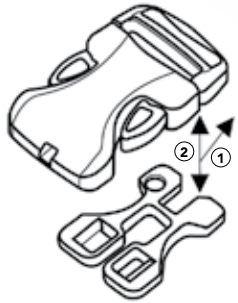
Components ordered separately

Mach I Surmount

The Mach I SurMount is designed for use with the Mach I latch; the "slide and snap" assembly for back plate attachment accommodates 1.5mm material thickness.





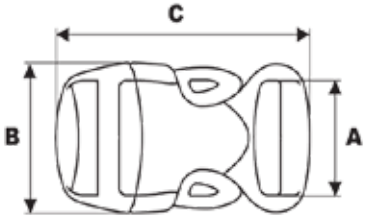


					Dimensions (mm)			
Description	**Latch P/N**	**Body - Back Plate P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mach I SR 20 Surmount	**307570** (408-1100)	**307583** (408-4100)	Acetal	Black	20.1	27.6	46.2	10.0

Components ordered separately

Jet SR

The Jet Side Release is a fully featured product including the patented ITW SlickClick™ mechanism, FullFlex™ Latch, Hugger™ Ladderloc tab and the Anti-Pinch™ feature.

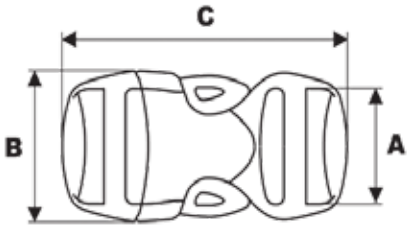


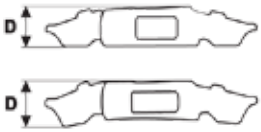
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Jet SR 16	**304957** (716-1100)	**304920** (716-0000)	Acetal	Black	16.5	25.2	48.3	9.6
Jet SR 20	**305126** (720-1100)	**305003** (720-0000)	Acetal	Black	20.3	27.6	50.5	9.6
Jet SR 25	**305264** (725-1100)	**305224** (725-0000)	Acetal	Black	25.9	34.6	61.3	11.8
Jet SR 40	**305312** (740-1100)	**305287** (740-0000)	Acetal	Black	39.0	49.6	66.3	14.9
Jet SR 50	**305388** (750-1100)	**305384** (750-0000)	Acetal	Black	51.5	62.7	73.8	16.3

Components ordered separately

Jet SR Dual

The Jet Side Release is a fully featured product including the patented ITW SlickClick™ mechanism, FullFlex™ Latch, Hugger™ Ladderloc tab and the Anti-Pinch™ feature. The Dual offers adjustment from both sides of the part.



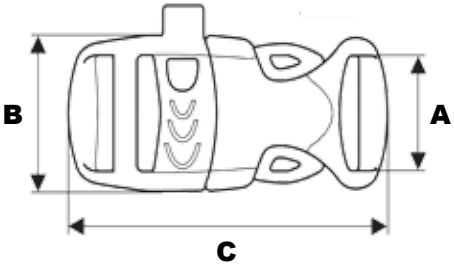


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Jet SR 16 Dual	**304957** (716-1100)	**304952** (716-0100)	Acetal	Black	16.8	25.0	56.3	9.6
Jet SR 20 Dual	**305126** (720-1100)	**305083** (720-0100)	Acetal	Black	20.3	27.6	59.7	9.6
Jet SR 25 Dual	**305264** (725-1100)	**305238** (725-0100)	Acetal	Black	25.9	34.6	69.0	11.8
Jet SR 40 Dual	**305312** (740-1100)	**305292** (740-0100)	Acetal	Black	39.0	49.6	75.9	14.9
Jet SR 50 Dual	**305388** (750-1100)	**305385** (750-0100)	Acetal	Black	51.5	62.7	82.7	16.3

Components ordered separately

Jet SR Whistleloc

The whistle commonly used on backpack sternum straps features Jet styling, FullFlex™ latching, right-handed application and a larger blow hole utilizing the Venturi effect.

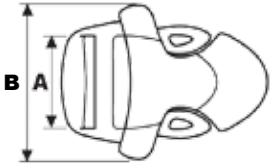


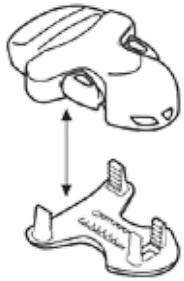
				Dimensions (mm)			
Description	**Latch P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Jet SR 16 Whistleloc	**304968** (716-1500)	Acetal	Black, Orange, Grey	16.7	25.2	59.5	9.4
Jet SR 20 Whistleloc	**305148** (720-1500)	Acetal	Black, Orange, Grey	20.2	27.0	62.0	9.5

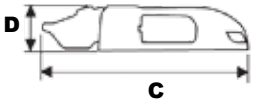
Components ordered separately

Jet SR SurMount

The Jet SurMount is designed for use with 20 and 25mm Jet SR latches; the ratchet assembly for backplate attachment accommodates a variety of material thickness: up to 2.3mm thickness for the 20mm size and up to 2.8mm thickness for the 25mm size.





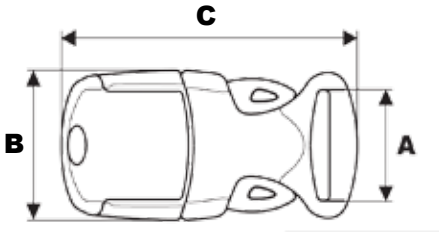


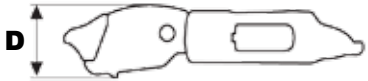
					Dimensions (mm)			
Description	**Latch P/N**	**Body Back Plate P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Jet SR 20 SurMount	**305126** (720-1100)	**305105** (720-0300)	Acetal	Black	20.3	36.3	51.0	9.8
Jet SR 25 SurMount	**305264** (725-1100)	**305257** (725-0300)	Acetal	Black	25.9	43.9	62.0	11.5

Components ordered separately

Jet SR LatchCam

The Jet LatchCam has an added locking cam door for small radii with a locking feature to resist slippage. The LatchCam is laced as an SR Latch; upon lacing, the cam door is positioned down over the webbing for added security.



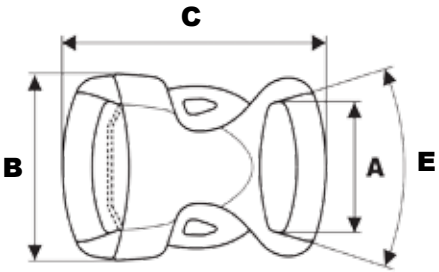


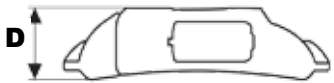
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Jet SR 20 LatchCam	**305221** (720-1700)	**305003** (720-0000)	Acetal	Black	20.4	27.7	59.3	12.6
Jet SR 25 LatchCam	**305282** (725-1700)	**305224** (725-0000)	Acetal	Black	25.9	34.6	70.0	14.5

Components ordered separately

Jet SR Winch

With the use of a single bar Jet Ladderloc the Winch allows backpack users to utilize ergonomically friendly "Pull Forward" technology on waistbelt applications.



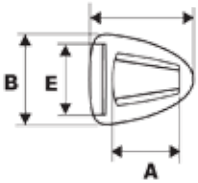


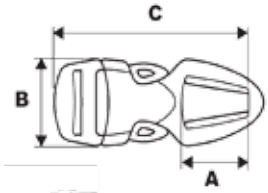
					Dimensions (mm)				
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Jet SR 20 Winch	**306731** (721-1000)	**306728** (721-0000)	Acetal	Black	21.1	28.8	46.8	10.5	30°
Jet SR 25 Winch	**306746** (726-1000) (includes dotted line in diagram)	**306734** (726-0000)	Acetal	Black	25.8	36.5	55.8	13.8	30°
Jet SR 40 Winch	**305357** (741-1000)	**305331** (741-0000)	Acetal	Black	38.6	52.1	62.9	14.1	40°

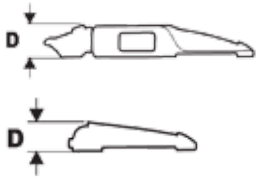
Components ordered separately

Jet SR T-Loc/T-Glide Standard

The Jet SR T-Loc and T-Glide have been developed as a material and labor-saving sternum strap fastener to eliminate costly multiple step body side construction assembly. Designed to be used in conjunction with either our Jet 20mm Latch or Jet 20mm Whistleloc and available in an overlace (20x20) non-removable configuration.





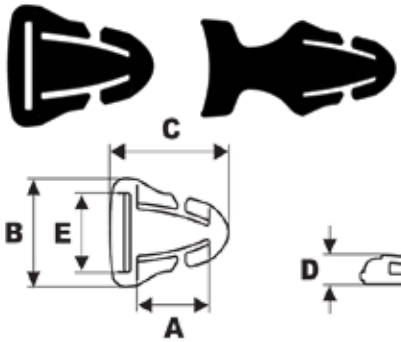


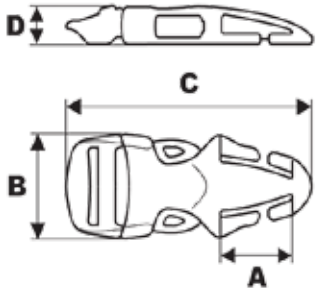
					Dimensions (mm)				
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Jet SR T-Loc 20x20 Standard	**305148** (720-1500)	**305096** (720-0200)	Acetal	Black	20.5	27.8	65.0	10.2	
Jet T-Glide 20x20 Standard		**304899** (646-2020)	Acetal	Black	20.4	28.5	35.5	7.5	20.5

Components ordered separately

Jet SR T-Loc/T-Glide Removable

The Jet SR T-Loc and T-Glide have been developed as a material and labor-saving sternum strap fastener to eliminate costly multiple step body side construction assembly. Designed to be used in conjunction with either our Jet 20mm Latch or Jet 20mm Whistleloc and available in an underlace (20x20 and 20x25) removable configuration.



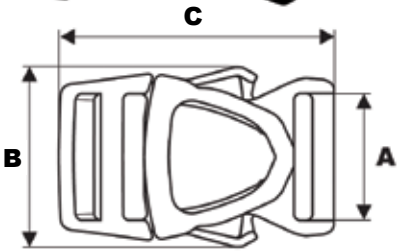


					Dimensions (mm)				
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Jet SR T-Loc 20x20 Removable	**305126** (720-1100)	**305114** (720-0400)	Acetal	Black	20.5	27.6	70.5	9.5	
Jet SR T-Loc 20x25 Removable	**305126** (720-1100)	**305122** (720-0500)	Acetal	Black	25.8	27.6	76.8	9.5	
Jet T-Glide 20x20 Removable		**304909** (647-2020)	Acetal	Black	20.5	28.4	33.9	7.8	20.5
Jet T-Glide 20x25 Removable		**304916** (647-2025)	Acetal	Black	25.8	28.7	40.2	8.0	20.5

Components ordered separately

Omega SR

The Omega is the next generation light-weight buckle from ITW Nexus featuring open architecture that provides a unique two color hit with different color latch and body, outboard triggers and no cavities for debris entrapment. Forward locking mechanism provides easy release and excellent funneling and alignment without a center bar.

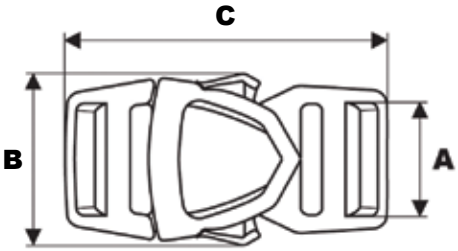


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Omega SR 10	**304003** (407-1400)	**303993** (407-0400)	Acetal	Black	10.5	23.0	34.0	7.9
Omega SR 16	**303995** (407-1000)	**303986** (407-0000)	Acetal	Black	15.85	25.3	40.85	8.9
Omega SR 20	**304001** (407-1100)	**303991** (407-0100)	Acetal	Black	20.2	29.4	45.1	9.25

Components ordered separately

Omega SR Dual

The Omega is the next generation lightweight buckle from ITW Nexus featuring open architecture that provides a unique two color hit with different color latch and body, outboard triggers and no cavities for debris entrapment. Forward locking mechanism provides easy release and excellent funneling and alignment without a center bar.

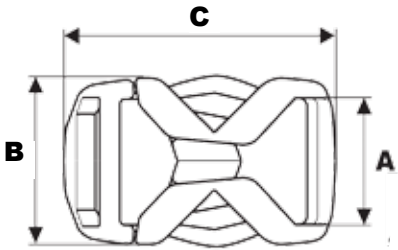


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Omega SR 16	**303995** (407-1000)	**304004** (407-2000)	Acetal	Black	16.0	25.3	46.2	8.9
Omega SR 20	**304001** (407-1100)	**307584** (407-2100)	Acetal	Black	20.4	29.4	51.85	9.25

Components ordered separately

Onyx SR

The Onyx Series combines an asymmetric, faceted design with a unique exposed center bar for integrated color combinations. Optimized strength to weight ratio creates a lightweight and minimal design featuring easy release with FullFlex™ Latching.

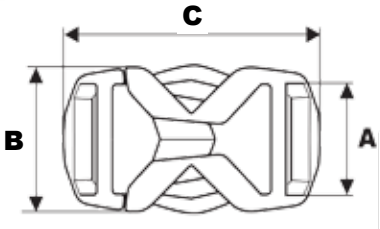


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Onyx SR 16	**303854** (406-1000)	**303780** (406-0000)	Acetal	Black	16.6	22.9	42.3	10.0
Onyx SR 20	**303871** (406-1100)	**303804** (406-0100)	Acetal	Black	20.2	26.9	46.4	10.0
Onyx SR 25	**303887** (406-1200)	**303825** (406-0200)	Acetal	Black	25.8	34.5	52.7	11.4
Onyx SR 40	**303905** (406-1300)	**303843** (406-0300)	Acetal	Black	38.9	48.4	61.5	12.7

Components ordered separately

Onyx SR Dual

The Onyx Series combines an asymmetric, faceted design with a unique exposed center bar for integrated color combinations. Optimized strength to weight ratio creates a lightweight and minimal design featuring easy release with FullFlex™ Latching. The Dual offers adjustment from both sides of the part.

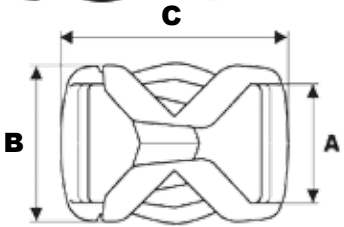


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Onyx SR 16 Dual	**303854** (406-1000)	**303923** (406-2000)	Acetal	Black	16.9	22.9	47.0	10.0
Onyx SR 20 Dual	**303871** (406-1100)	**303925** (406-2100)	Acetal	Black	20.3	26.9	50.8	10.0
Onyx SR 25 Dual	**303887** (406-1200)	**303929** (406-2200)	Acetal	Black	26.0	34.5	58.2	11.4
Onyx SR 40 Dual	**303905** (406-1300)	**303936** (406-2300)	Acetal	Black	38.9	48.4	68.8	12.7

Components ordered separately

Onyx SR Loop

The Onyx Series combines an asymmetric, faceted design with a unique exposed center bar for integrated color combinations. Optimized strength to weight ratio creates a lightweight and minimal design while featuring easy release with FullFlex™ Latching. The Loop allows for either fixed web ends for no adjustment or pass-through for free floating pulley action.

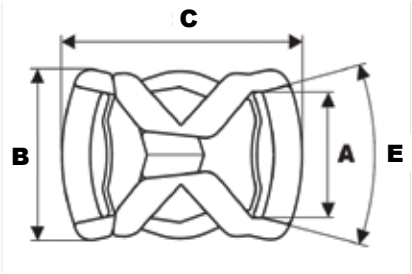


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Onyx SR 16 Loop	**303799** (406-0010)	**303780** (406-0000)	Acetal	Black	16.6	22.9	37.9	10.0
Onyx SR 20 Loop	**303818** (406-0110)	**303804** (406-0100)	Acetal	Black	20.2	26.9	41.4	10.0
Onyx SR 25 Loop	**303840** (406-0210)	**303825** (406-0200)	Acetal	Black	25.8	34.5	47.2	11.4
Onyx SR 40 Loop	**303850** (406-0310)	**303843** (406-0300)	Acetal	Black	38.9	48.4	55.9	12.7

Components ordered separately

Onyx SR Winch

The Onyx Series combines an asymmetric, faceted design with a unique exposed center bar for integrated color combinations. Its optimized strength to weight ratio creates a lightweight and minimal design while featuring easy release with FullFlex™ Latching. With the use of any 25mm single bar Ladderloc the Winch allows backpack users to utilize ergonomically friendly "Pull Forward" technology on waistbelt applications.



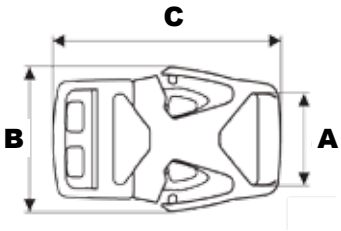
Components ordered separately

					Dimensions (mm)				
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Onyx SR 25 Winch	**303980** (406-7200)	**303976** (406-6200)	Acetal	Black	25.8	35.6	53.7	11.6	25°

Components ordered separately

Cyberian LT SR

The Cyberian LT buckles from ITW Nexus offer 10% less material while keeping comparable strength with the iconic Cyberian II buckle. Both the outboard triggers for enhanced use in wintry conditions and the lifter tab of the Cyberian LT have been redesigned to offer a lightweight streamlined aesthetic while maintaining the benefits of a "snowplow" debris clearing tip and Anti-Pinch™ feature.

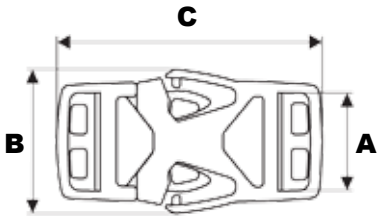


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian LT SR 16	**304798** (602-1000)	**304784** (602-0000)	Acetal	Black	15.1	27.8	52.3	12.5
Cyberian LT SR 20	**304801** (602-1100)	**304787** (602-0100)	Acetal	Black	20.1	31.1	55.6	12.8
Cyberian LT SR 25	**304809** (602-1200)	**304796** (602-0200)	Acetal	Black	25.9	39.4	66.9	14.6

Components ordered separately

Cyberian LT SR Dual

The Cyberian LT buckles from ITW Nexus offer 10% less material while keeping comparable strength with the iconic Cyberian II buckle. Both the outboard triggers for enhanced use in wintry conditions and the lifter tab of the Cyberian LT have been redesigned to offer a lightweight streamlined aesthetic while maintaining the benefits of a "snowplow" debris clearing tip and Anti-Pinch™ feature. The Dual offers adjustment from both sides of the part.

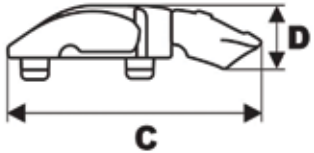


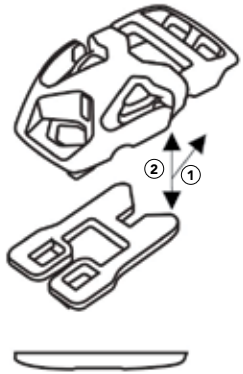
					Dimensions (mm)			
Description	Latch P/N	Body P/N	Material	Color	A	B	C	D
Cyberian LT SR 20 Dual	**304801** (602-1100)	**304810** (602-2100)	Acetal	Black	20.8	31.1	65.3	12.9

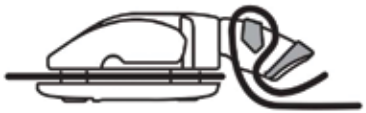
Components ordered separately

Cyberian LT SurMount

The Cyberian LT SurMount is designed for use with the Cyberian LT latch; the "slide and snap" assembly for backplate attachment accommodates 1.5mm material thickness.





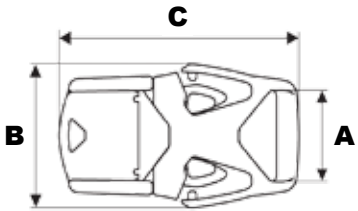


					Dimensions (mm)			
Description	**Latch P/N**	**Body - Back Plate P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian LT SurMount	**304801** (602-1100)	**304817** (602-3100)	Acetal	Black	20.8	32.0	56.1	12.8

Components ordered separately

Cyberian LT SR LatchCam

The Cyberian LT buckles from ITW Nexus offer 10% less material while keeping comparable strength with the iconic Cyberian II buckle. The Cyberian LT LatchCam has an added locking cam door for small radii with a locking feature to resist slippage. The lifter tab of the Cyberian LT LatchCam has been redesigned to offer a lightweight streamlined aesthetic while maintaining the benefits of a "snowplow" debris clearing tip and Anti-Pinch™ feature. The LatchCam is laced as an SR latch; upon lacing, the cam door is positioned down over the webbing for added security.

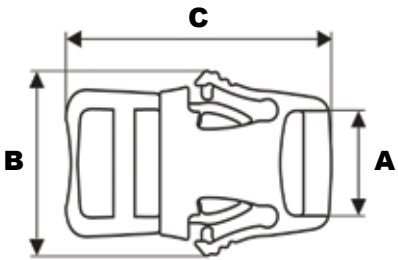


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian LT SR 20 LatchCam	**304822** (602-5100)	**304787** (602-0100)	Acetal	Black	20.1	31.1	58.9	12.8
Cyberian LT SR 25 LatchCam	**304830** (602-5200)	**304796** (602-0200)	Acetal	Black	25.7	39.2	73.9	15.4

Components ordered separately

Cyberian II SR

The outboard "triggers" on the Cyberian II Side Release buckle enable glove use of the buckle during cold weather activities. The "Snow Plow" debris clearing tip, Anti-Pinch™ and Ladderloc lifter tabs enhance buckle performance.

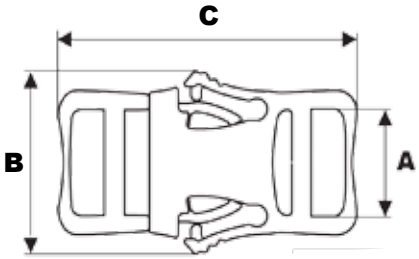


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian II SR 16	**306663** (601-1000)	**306660** (601-0000)	Acetal	Black	16.5	30.3	53.0	12.5
Cyberian II SR 20	**304735** (601-1100)	**304691** (601-0100)	Acetal	Black	20.4	34.2	53.2	13.2
Cyberian II SR 25	**304748** (601-1200)	**304721** (601-0200)	Acetal	Black	25.9	43.0	67.0	14.0

Components ordered separately

Cyberian II SR Dual

The outboard "triggers" on the Cyberian II Side Release buckle enable glove use of the buckle during cold weather activities. The "Snow Plow" debris clearing tip, Anti-Pinch™ and Ladderloc lifter tabs enhance buckle performance. The Dual offers adjustment from both sides of the part.

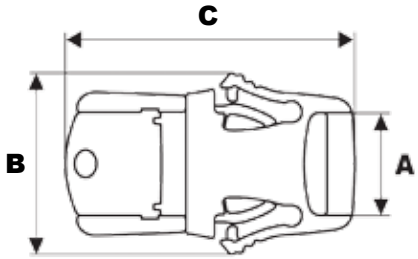


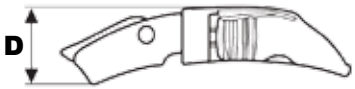
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian II SR 20 Dual	**304735** (601-1100)	**304755** (601-2100)	Acetal	Black	20.3	33.6	61.0	13.5
Cyberian II SR 25 Dual	**304748** (601-1200)	**304763** (601-2200)	Acetal	Black	25.4	42.4	75.6	14.8

Components ordered separately

Cyberian II SR LatchCam

The Cyberian II LatchCam has an added locking cam door for small radii with a locking feature to resist slippage. The LatchCam is laced as an SR Latch; upon lacing, the cam door is positioned down over the webbing for added security.



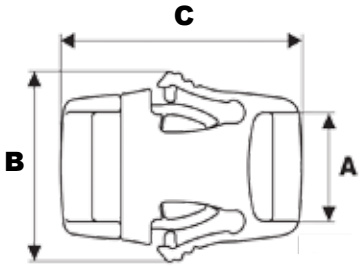


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian II SR 20 LatchCam	**304769** (601-5100)	**304691** (601-0100)	Acetal	Black	20.2	34.2	60.1	13.5

Components ordered separately

Cyberian II SR Loop

The outboard "triggers" on the Cyberian II Side Release buckle enable glove use of the buckle during cold weather activities. The "Snow Plow" debris clearing tip and Anti-Pinch™ enhance buckle performance. The Loop allows for either fixed web ends for no adjustment or pass-through for free floating pulley action.

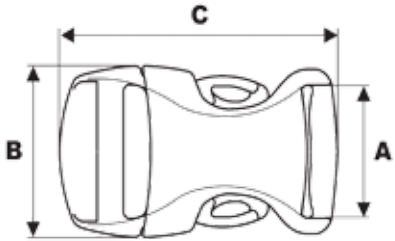


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian II SR 20 Loop	**304712** (601-0110)	**304691** (601-0100)	Acetal	Black	20.3	34.2	48.2	12.3
Cyberian II SR 25 Loop	**304729** (601-0210)	**304721** (601-0200)	Acetal	Black	25.8	43.2	57.0	12.9

Components ordered separately

Nx Lite SR

The Nx Lite series combines style, function and engineering for optimum cost/performance in value applications.

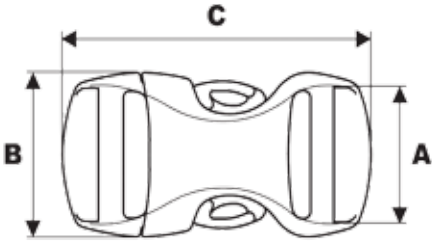


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Nx Lite SR 20	**303470** (400-1100)	**303449** (400-0100)	Acetal	Black	20.5	26.8	46.7	9.3
Nx Lite SR 25	**303476** (400-1200)	**303454** (400-0200)	Acetal	Black	25.6	33.5	58.5	10.5
Nx Lite SR 40	**303492** (400-1300)	**306155** (400-0300)	Acetal	Black	38.4	47.4	65.0	11.9

Components ordered separately

Nx Lite SR Dual

The Nx Lite series combines style, function and engineering for optimum cost/performance in value applications. The Dual offers adjustment from both sides of the part.

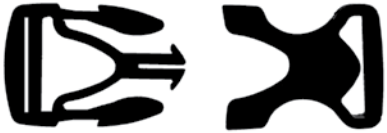


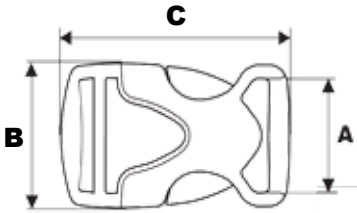
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Nx Lite SR 20 Dual	**303470** (400-1100)	**306273** (400-2100)	Acetal	Black	20.4	26.8	53.9	9.1
Nx Lite SR 25 Dual	**303476** (400-1200)	**306281** (400-2200)	Acetal	Black	25.6	33.5	67.6	10.2
Nx Lite SR 40 Dual	**303492** (400-1300)	**303493** (400-2300)	Acetal	Black	38.5	47.3	75.5	12.2

Components ordered separately

Apex SR

The Apex SR is an ultra lightweight buckle with a high strength to weight ratio. V-shaped open architecture provides directional styling and large finger wells allow easy access and low release force.



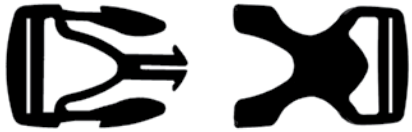


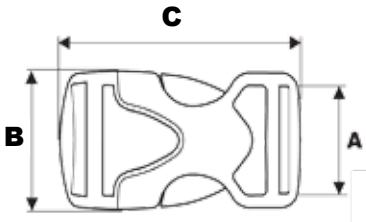
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Apex SR 16	**303538** (403-1000)	**303505** (403-0000)	Acetal	Black	16.8	23.9	43.9	8.0
Apex SR 20	**303543** (403-1100)	**303512** (403-0100)	Acetal	Black	20.5	25.6	45.5	8.0
Apex SR 25	**303557** (403-1200)	**303527** (403-0200)	Acetal	Black	26.0	33.2	56.3	9.2
Apex SR 40	**303569** (403-1300)	**303532** (403-0300)	Acetal	Black	39.0	47.2	62.6	10.9

Components ordered separately

Apex SR Dual

The Apex SR is an ultra lightweight buckle with a high strength to weight ratio. V-shaped open architecture provides directional styling and large finger wells allow easy access and low release force. The Dual offers adjustment from both sides of the part.



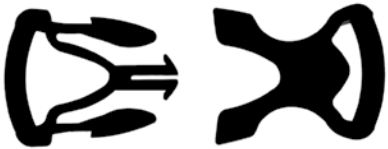


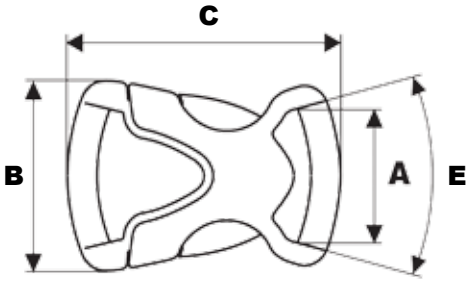
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Apex SR 16 Dual	**303538** (403-1000)	**303590** (403-2000)	Acetal	Black	16.8	23.8	48.3	8.1
Apex SR 20 Dual	**303543** (403-1100)	**303592** (403-2100)	Acetal	Black	20.7	25.6	50.4	8.1
Apex SR 25 Dual	**303557** (403-1200)	**303602** (403-2200)	Acetal	Black	26.0	33.2	62.2	9.2
Apex SR 40 Dual	**303569** (403-1300)	**303612** (403-2300)	Acetal	Black	39.3	46.4	66.8	10.7

Components ordered separately

Apex SR Winch

With the use of a single bar Jet Ladderloc the Winch allows backpack users to utilize ergonomically friendly “Pull Forward” technology on waistbelt applications.



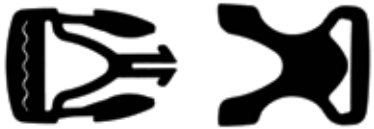


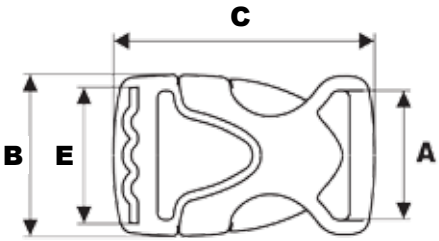
					Dimensions (mm)				
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Apex SR 25 Winch	**303628** (403-7200)	**303624** (403-6200)	Acetal	Black	26.2	37.0	57.7	9.5	26°

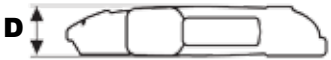
Components ordered separately

Apex SR Waveloc Latch

The Apex Waveloc latch is the solution to thin webbing requirements. Our lightweight design and patented technology produces a treacherous path to hold web in place when not under tension. The Waveloc Latch can be mated with standard Apex SR Body components.





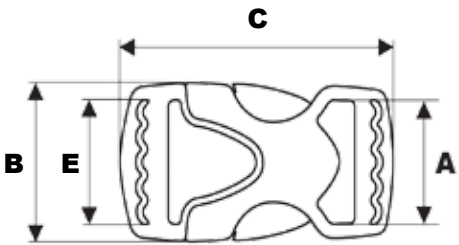


					Dimensions (mm)				
Description	Latch P/N	Body P/N	Material	Color	A	B	C	D	E
Apex SR 16 Waveloc	**303534** (403-0900)	**303505** (403-0000)	Acetal	Black	16.7	24.0	44.1	8.2	16.7
Apex SR 20 Waveloc	**303581** (403-1900)	**303512** (403-0100)	Acetal	Black	20.6	25.8	45.6	8.2	20.8
Apex SR 25 Waveloc	**303567** (403-1290)	**303527** (403-0200)	Acetal	Black	26.0	33.2	56.3	9.2	25.9

Components ordered separately

Apex SR Waveloc Dual

The Apex Waveloc is the solution to thin webbing requirements. Our lightweight design and patented technology produces a treacherous path to hold web in place when not under tension. The Dual offers adjustment from both sides of the part.

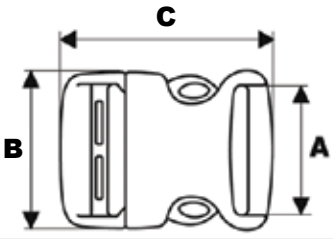


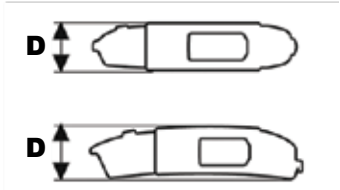
					Dimensions (mm)				
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Apex SR 20 Waveloc Dual	**303581** (403-1900)	**303598** (403-2190)	Acetal	Black	20.8	25.8	50.8	8.2	20.8
Apex SR 25 Waveloc Dual	**303567** (403-1290)	**303610** (403-2290)	Acetal	Black	26.0	33.2	62.2	9.2	25.9

Components ordered separately

World SR

The World Side Release buckle features a center support rib for crush resistance, a reduction in overall length and a symmetrical top and bottom for problem-free orientation.



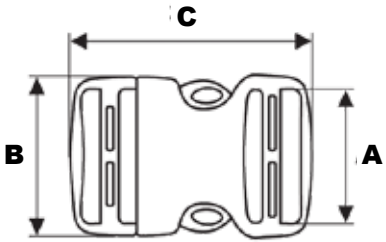


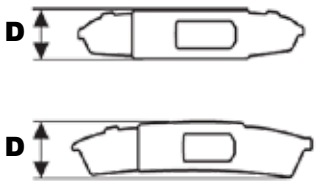
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
World SR 20	**304286** (520-1100)	**304221** (520-0000)	Acetal	Black	20.4	26.0	47.8	9.5
World SR 25	**304456** (525-1100)	**304359** (525-0000)	Acetal	Black	26.0	33.0	55.0	12.0
World SR 40	**304623** (540-1100)	**304545** (540-0000)	Acetal	Black	39.5	46.5	68.7	14.5
World SR 50	**306602** (550-1100)	**306580** (550-0000)	Acetal	Black	51.3	58.5	77.5	18.0

Components ordered separately

World SR Dual

The World Side Release buckle features a center support rib for crush resistance and reduction in overall length. The Dual offers adjustment from both sides of the part.



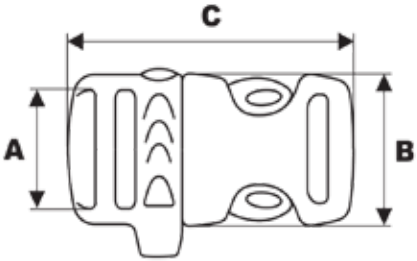


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
World SR 20 Dual	**304286** (520-1100)	**306511** (520-0100)	Acetal	Black	20.4	26.0	52.0	9.6
World SR 25 Dual	**304456** (525-1100)	**306551** (525-0100)	Acetal	Black	26.0	33.0	60.0	12.0
World SR 40 Dual	**304623** (540-1100)	**304592** (540-0100)	Acetal	Black	39.5	46.5	76.5	14.5
World SR 50 Dual	**306602** (550-1100)	**306586** (550-0100)	Acetal	Black	51.3	58.5	84.0	18.0

Components ordered separately

World SR Whistleloc

The first whistle to be incorporated into a Side Release buckle, the World SR Whistleloc provides both a rescue and safety/ security function.

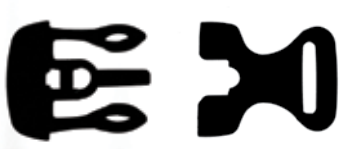


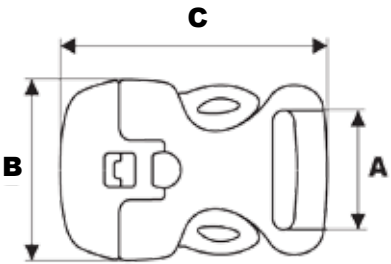
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
World SR 20 Whistleloc	**304314** (520-1500)	**304221** (520-0000)	Acetal	Orange, Black, Grey	20.0	26.0	26.7	9.6

Components ordered separately

World SR LineLoc 3

The World SR LineLoc 3 allows use of 2.5-3mm cord with a Side Release buckle.



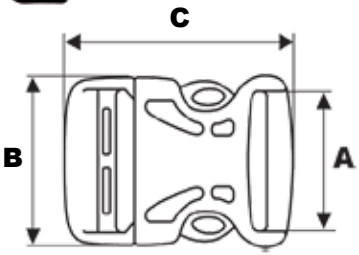


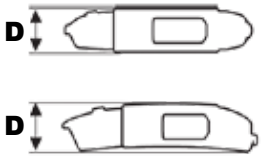
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
World SR LineLoc 3	**306506** (503-1100)	**306501** (503-0000)	Acetal	Black	14.6	22.9	35.9	8.9

Components ordered separately

Airloc SR

The functional equivalent of the World Side Release Buckle with removal of non-essential surface material to provide a lighter appearance. The Airloc SR Body mates with the World Side Release Latch. The Airloc Side Release buckle features a center support rib for crush resistance, a reduction in overall length and a symmetrical top and bottom for problem-free orientation.



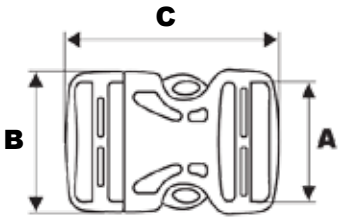


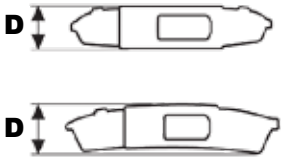
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Airloc SR 20	**304286** (520-1100)	**304339** (520-2000)	Acetal	Black	20.4	26.0	47.8	9.5
Airloc SR 25	**304456** (525-1100)	**304525** (525-2000)	Acetal	Black	26.0	33.0	55.0	12.0
Airloc SR 40	**304623** (540-1100)	**306569** (540-2000)	Acetal	Black	39.5	46.5	68.7	14.5
Airloc SR 50	**306602** (550-1100)	**306616** (550-2000)	Acetal	Black	51.3	58.5	77.5	18.0

Components ordered separately

Airloc SR Dual

The functional equivalent of the World Side Release Buckle with removal of non-essential surface material to provide a lighter appearance. The Airloc SR Body mates with the World Side Release Latch. The Airloc Side Release buckle features a center support rib for crush resistance and a reduction in overall length. The Dual offers adjustment from both sides of the part.



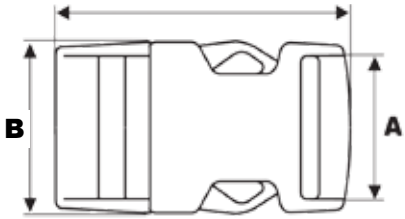


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Airloc SR 20 Dual	**304286** (520-1100)	**306548** (520-2100)	Acetal	Black	20.4	26.0	52.0	9.6
Airloc SR 25 Dual	**304456** (525-1100)	**304531** (525-2100)	Acetal	Black	26.0	33.0	60.0	12.0
Airloc SR 40 Dual	**304623** (540-1100)	**306574** (540-2100)	Acetal	Black	39.5	46.5	76.5	14.5
Airloc SR 50 Dual	**306602** (550-1100)	**306618** (550-2100)	Acetal	Black	51.3	58.5	84.0	18.0

Components ordered separately

SR 1

Originally designed and patented by ITW Nexus, the Side Release™ buckle has long been the industry standard for side release functionality and design appearance. Center bar wings prevent over-flexure of arms and release under impact loading. The Ladderloc feature provides maximum webbing grip while allowing smooth and easy adjustment.

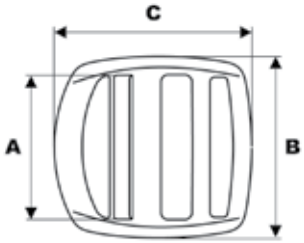


				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
SR 1	**305814** (101-0100)	Acetal	Black	25.0	31.9	70.0	11.7

Ladderlocs

Mach I LL Dual

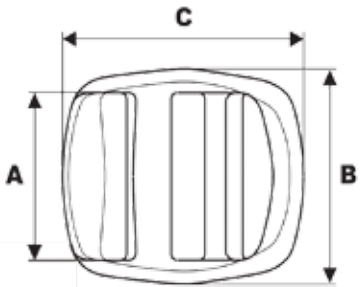
The Mach I Ladderloc is designed as a complement to the Mach I SR. The top contour parallels the bottom contour, allowing the Mach I LL to seamlessly integrate with the contour of the finished product and offers compatibility with a wide range of end product styles. Additionally the top of the part is slightly wider than the bottom for enhanced operational access while the open tab provides dual function for both an ergonomically correct release and optional lanyard attachment. The Mach I Ladderloc features a dual bar tie-down for traditional attachment, a standard release angle in the 50-55 degree range and is available in 16, 20 and 25 sizes.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mach I LL 16 Dual	**307580** (408-3000)	Acetal	Black	16.0	21.7	30.3	9.3
Mach I LL 20 Dual	**307581** (408-3100)	Acetal	Black	20.6	27.0	30.7	9.3
Mach I LL 25 Dual	**307582** (408-3200)	Acetal	Black	25.9	32.6	36.0	10.4

Jet LL Dual

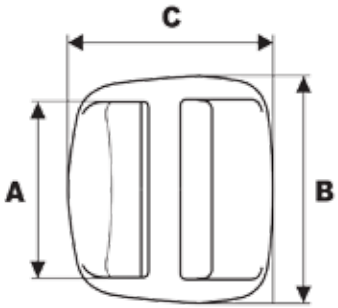
The Jet LL Dual utilizes a Hugger™ Ladderloc tab for comfort during web adjustment and families with the Jet SR series of buckles. The dual bar tie-down allows traditional mounting to the application.



				Dimensions (mm)			
Description	P/N	Material	Color	A	B	C	D
Jet LL 16 Dual	**305983** (154-4216)	Acetal	Black	16.9	24.3	36.4	8.8
Jet LL 20 Dual	**303280** (154-4220)	Acetal	Black	20.4	28.0	38.1	8.9
Jet LL 25 Dual	**303293** (154-4225)	Acetal	Black	25.4	42.4	75.6	14.8

Jet LL

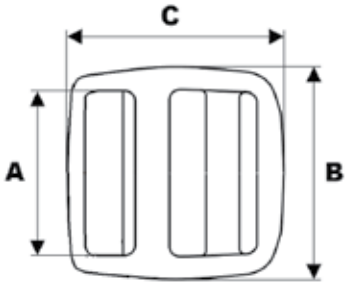
The Jet LL utilizes a Hugger™ Ladderloc tab for comfort during web adjustment and families with the Jet SR series of buckles. Features a single bar tie-down when space is limited.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Jet LL 25	**303244** (154-4025)	Acetal	Black	25.9	33.6	30.5	11.5
Jet LL 40	**303256** (154-4040)	Acetal	Black	39.0	47.9	32.3	12.3

Omega LL Dual

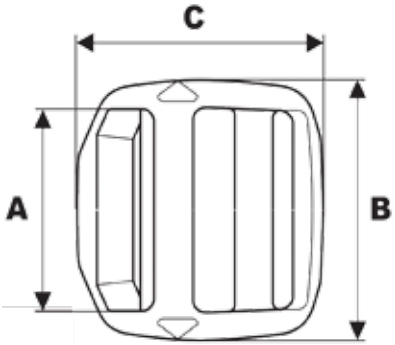
The Omega LL Dual utilizes a Hugger™ Ladderloc tab for comfort during web adjustment and families with the Omega SR series of buckles. The dual bar tie-down allows traditional mounting to the application.

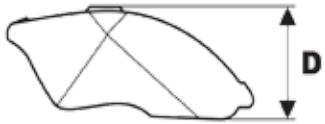


				Dimensions (mm)			
Description	P/N	Material	Color	A	B	C	D
Omega LL 10 Dual	**306497** (407-3400)	Acetal	Black	10.7	15.3	22.5	8.8
Omega LL 16 Dual	**306493** (407-3000)	Acetal	Black	16.3	21.6	22.5	8.8
Omega LL 20 Dual	**306495** (407-3100)	Acetal	Black	20.3	25.9	22.5	8.9

Onyx LL Dual

The Onyx LL Dual utilizes a Hugger™ Ladderloc tab for comfort during web adjustment and families with the Onyx SR series of buckles. The dual bar tie-down allows traditional mounting to the application.

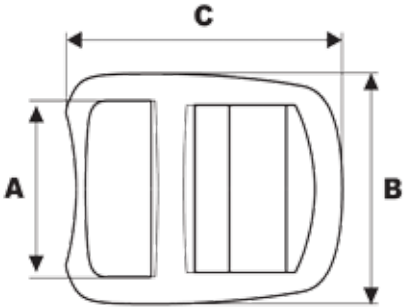




				Dimensions (mm)			
Description	P/N	Material	Color	A	B	C	D
Onyx LL 16 Dual	**303949** (406-3000)	Acetal	Black	16.5	21.5	23.6	8.8
Onyx LL 20 Dual	**303962** (406-3100)	Acetal	Black	20.4	26.4	24.5	8.9

Cyberian LL Dual

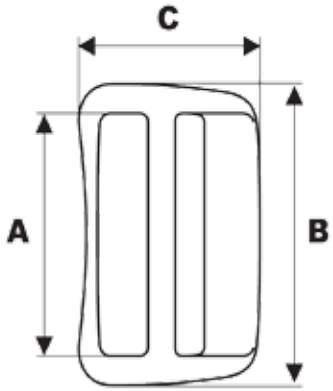
The Cyberian LL Dual utilizes a Hugger™ Ladderloc with Lifter Tabs along the sides that allow easy release while wearing gloves.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian LL 16 Dual	**306627** (600-3000)	Acetal	Black	16.0	23.7	34.1	9.1
Cyberian LL 20 Dual	**306632** (600-3100)	Acetal	Black	20.4	27.7	34.1	9.1

Cyberian LL

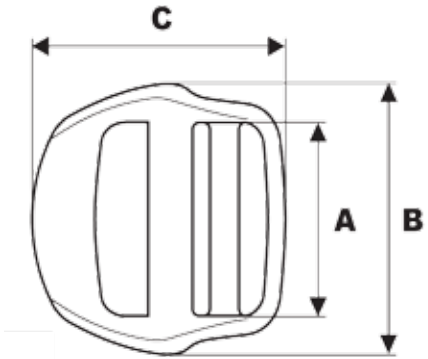
The Cyberian LL utilizes a Hugger™ Ladderloc with Lifter Tabs along the sides that allows easy release while wearing gloves. Features a single bar tie-down when space is limited.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian LL 40	**303256** (154-4040)	Acetal	Black	39.2	49.0	31.6	12.3

Nx Lite LL Dual

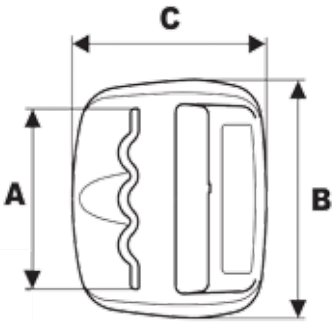
The Nx Lite series combines style and function; engineered for optimum cost/performance in value applications.



				Dimensions (mm)			
Description	P/N	Material	Color	A	B	C	D
Nx Lite LL 20 Dual	**303494** (400-3100)	Acetal	Black	20.4	29.0	31.5	11.2
Nx Lite LL 25 Dual	**303500** (400-3200)	Acetal	Black	25.8	36.2	35.8	12.5

Apex Waveloc LL

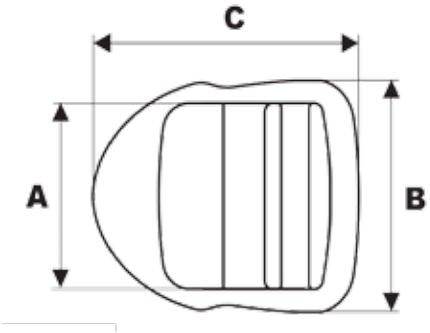
The Apex Waveloc LL is the solution to thin webbing requirements and families with Apex SR series of buckles; patented technology produces a treacherous path to hold web in place when not under tension. Features a single bar tie-down when space is limited. Typically used with .55mm-.65mm webbing.



				Dimensions (mm)			
Description	P/N	Material	Color	A	B	C	D
Apex Waveloc LL 16	**306008** (154-5016)	Acetal	Black	16.6	21.2	23.4	8.6
Apex Waveloc LL 20	**306012** (154-5020)	Acetal	Black	20.0	26.2	23.4	8.6

Mako LL Dual

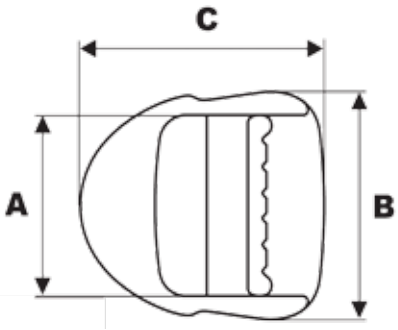
The Mako LL Dual has external styling that affords 180 degrees of finger tab access, resulting in ease of release. The dual bar tie-down allows traditional mounting to the application.



				Dimensions (mm)			
Description	P/N	Material	Color	A	B	C	D
Mako LL 20 Dual	**303200** (154-2220)	Acetal	Black	20.5	26.6	35.4	11.5
Mako LL 25 Dual	**303217** (154-2225)	Acetal	Black	25.5	32.2	39.5	13.3

Mako LL

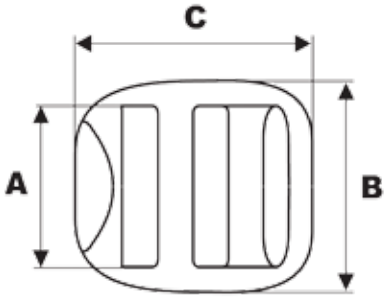
The Mako LL has external styling that affords 180 degrees of finger tab access, resulting in ease of release. Features a single bar tie-down when space is limited.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mako LL 20	**303172** (154-2020)	Acetal	Black	20.0	26.6	34.0	10.0
Mako LL 25	**303190** (154-2025)	Acetal	Black	25.5	32.2	37.7	11.4

Trovato LL Dual

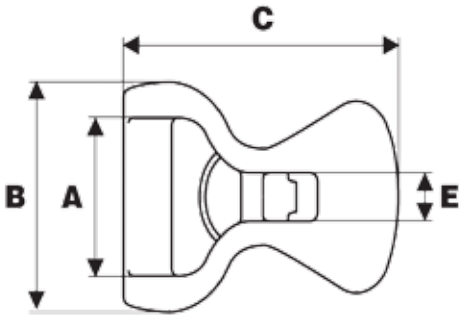
The Trovato LL is designed to optimize webbing grip while maintaining easy tensioning and gradual release. The finger access crown eases release while the part hugs the webbing.

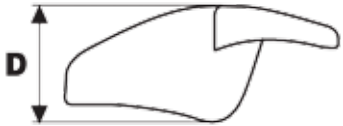


				Dimensions (mm)			
Description	P/N	Material	Color	A	B	C	D
Trovato LL 75 Dual	**303151** (154-0075)	Acetal	Black	19.2	26.1	39.0	8.5
Trovato LL 100 Dual	**303227** (154-3100)	Acetal	Black	25.1	32.8	39.8	9.6
Trovato LL 150 Dual	**303154** (154-0150)	Acetal	Black	38.6	47.4	46.3	9.4

LineLoc 3 LL

The LineLoc 3 is a ladderloc designed for use with 2.5-3mm cord.



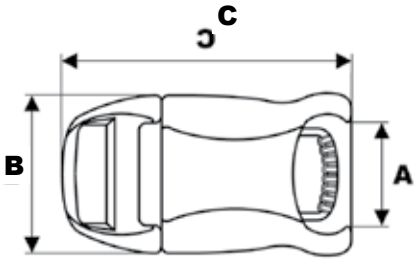


				Dimensions (mm)				
Description	P/N	Material	Color	A	B	C	D	E
LineLoc 3 LL	**306715** (654-3000)	Acetal	Black	13.3	19.3	25.0	9.8	3.8

PBR

PBR SR

The PBR series utilizes a push-button for release in direction of load, facilitating one-handed release. The simple and clean aesthetic is ideal for sternum strap applications and the underside webbing attachment allows for reduction in length versus traditional SR buckles.

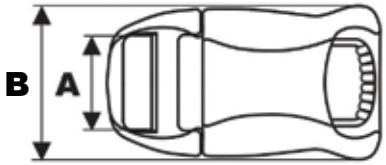


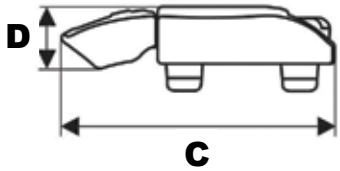
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
PBR SR 16	**304838** (604-1000)	**304832** (604-0000)	Acetal	Black	17.0	25.0	46.2	11.0

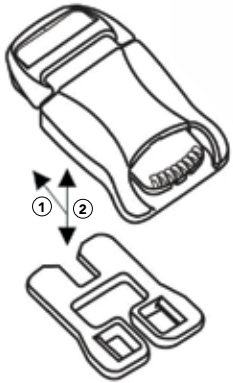
Components ordered separately

PBR SurMount

The Push Button Release (PBR) SurMount is designed for use with 16mm PBR Latches; the “slide and snap” assembly for back plate attachment accommodates 1.5mm material thickness.





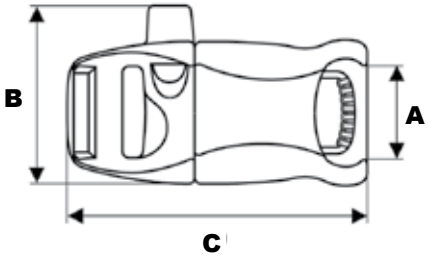


					Dimensions (mm)			
Description	**Latch P/N**	**Body - Back Plate P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
PBR SR 16 SurMount	**304841** (604-8000)	**307585** (604-3100)	Acetal	Black	16.2	24.8	45.9	9.8

Components ordered separately

PBR Whistleloc

The PBR series utilizes a push-button for release in direction of load, facilitating one-handed release. The simple and clean aesthetic is ideal for sternum strap applications and the underside webbing attachment allows for reduction in length versus traditional SR buckles.



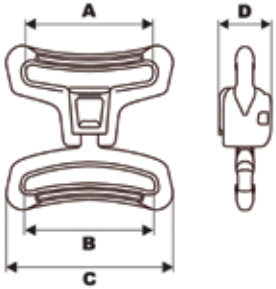
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
PBR SR 16 Whistleloc	**304841** (604-8000)	**304832** (604-0000)	Acetal	Black	17.0	30.8	51.9	11.0

Components ordered separately

PBR Swivel

Our latest addition to the PBR Series offers an alternative design with a fresh, simple, and clean aesthetic. Patented "Push Button and Slide" motion provides intuitive user interface for disassembly and no actuation for assembly. The PBR also features ease of use, as much as 50% reduction in length (and associated weight savings) as well as tensile strength increase when compared with traditional plastic snap hooks.

Available sizing: 40mm PBR Swivel Housing with 25mm and 40mm Retainers.

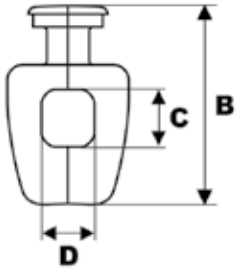


							Dimensions (mm)			
Description	**Retainer P/N**	**Housing 40 P/N**	**Retainer**	**in**	**Material**	**Color**	**A**	**B**	**C**	**D**
PBR Swivel 40	**304869** (629-0300)	**304871** (629-1300)	40 mm	1.5	Acetal	Black	38.5	38.5	51.7	15.6
PBR Swivel 25	**304866** (629-0200)	**304871** (629-1300)	25 mm	1	Acetal	Black	38.5	25.9	37.0	15.6

Components ordered separately

PBR Post Adapter

The PBR Swivel Post Adapter is a common two-piece part allowing for the attachment of the PBR Swivel to a bag using a traditional D-Ring. Ratchet-assembled from two common parts, the Post Adapter provides seamless integration where none was previously possible. The post portion allows the assembly rotary action while the hollow cylinder allows for bending action about the ring.



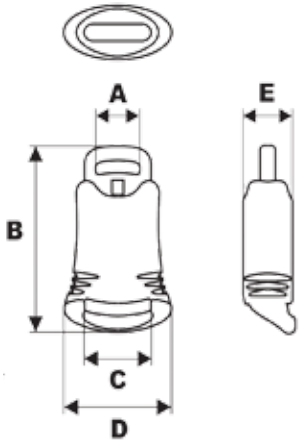
				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
PBR Post Adapter	**307586** (629-0400)	Acetal	Black	14.3	23.7	6.7	6.8

Components ordered separately

Cord Locs

Cyberian CL

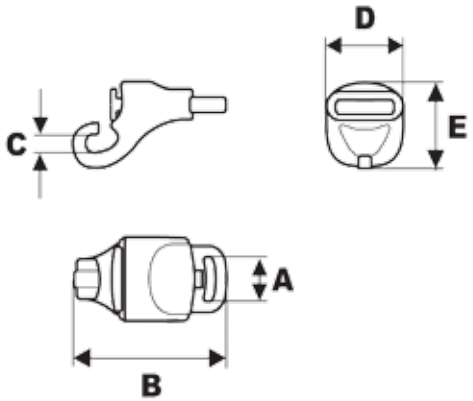
The Cyberian CL brings a paradigm shift in CordLoc operation by introducing “pull to loosen, pull to tighten” technology for tethered CordLoc applications. Pull cord to tighten as normal; pull webbing attached to flared slot to loosen.

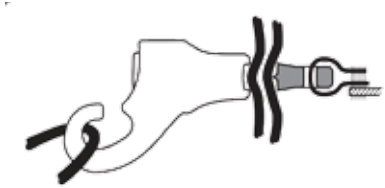


				Dimensions (mm)				
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Cyberian CL	**303368** (350-8000)	Acetal, Steel	Black	8.0	30.9	12.0	20.0	8.6
Cyberian CL Small	**303427** (350-8200)	Acetal, Steel	Black	6.0	23.8	9.8	16.0	7.4

Cyberian SpeedHook

The Cyberian SpeedHook brings a paradigm shift to tool lashing methodology by extending “pull to loosen, pull to tighten” technology. Designed for 2.8-3.0mm cord, the SpeedHook is contoured to accept the radius of trekking poles or ice ax handles. User loops part around tool and hooks to cord loop and pulls to tighten. To access tools, simply unhook or pull on the part itself to loosen, then unhook.

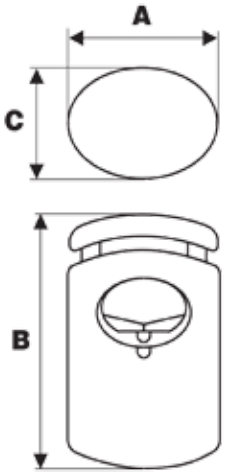




				Dimensions (mm)				
Description	P/N	Material	Color	A	B	C	D	E
Cyberian SpeedHook	**303403** (350-8100)	Acetal/Steel	Black	8.0	31.3	3.50	15.7	16.1

Ellipse CL

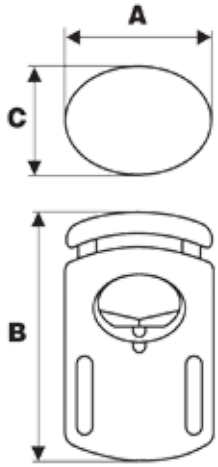
Originally designed by ITW Nexus, the Ellipse CordLoc features patented hole alignment eliminating the manual closure compression while threading the cord; cord is simply threaded through the pre-aligned holes, and a squeeze unlocks the mechanism and engages the spring to grip the cord.



				Dimensions (mm)		
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**
Ellipse CL	**303308** (350-1001)	Acetal, Steel	Black	14.5	27.0	9.8

Toaster CL

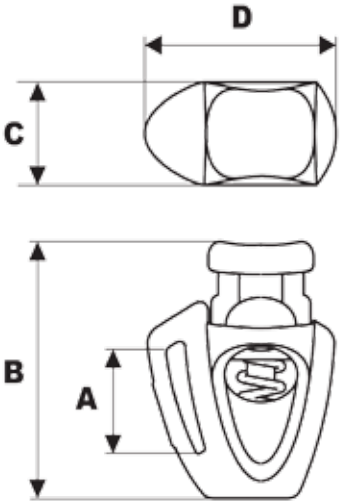
Originally designed by ITW Nexus, the Toaster CL provides the option for a lanyard tie-down to assist in one-hand adjustment and features patented hole alignment eliminating the manual closure compression while threading the cord; cord is simply threaded through the pre-aligned holes, and a squeeze unlocks the mechanism and engages the spring to grip the cord.



				Dimensions (mm)		
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**
Toaster CL	**303336** (350-4001)	Acetal, Steel	Black	14.5	27.0	9.8

Micro CL

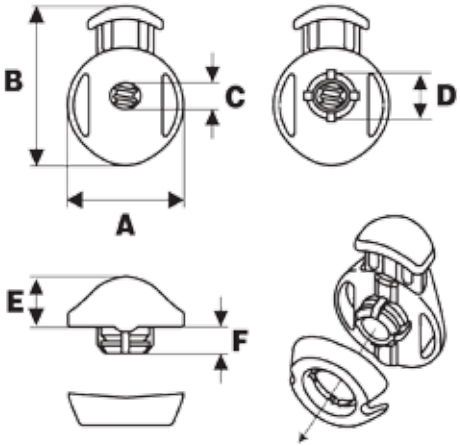
A miniature CordLoc in an aero shape, the Micro CL is designed for 1.5mm - 2mm cord; the asymmetric tie-down loop accepts up to 6mm web.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Micro CL	**306044** (350-7000)	Acetal, Steel	Black	7.8	17.5	6.8	13.8

SurMount CL

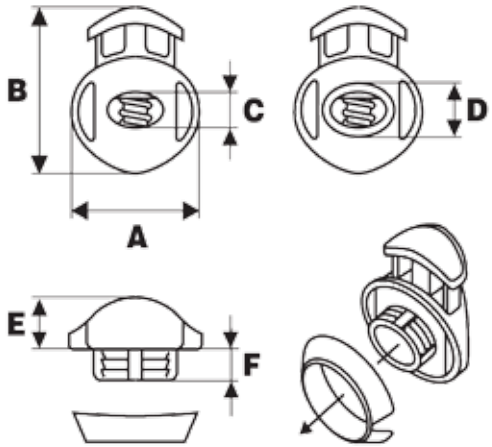
The SurMount CL is a two piece CordLoc designed for tethered CordLoc applications. The SurMount CL is mounted to the fabric with a ratcheting assembly; ratcheting backplate accepts fabric thickness of .35mm-.75mm (material dependent) and the cord hole size is 3.8mm x 5.0mm. The angled finger locators provide ease of release.



				Dimensions (mm)					
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**	**F**
SurMount CL (with backplate)	**303366** (350-5000)	Acetal, Steel	Black	18.9	24.3	4.0	8.0	8.1	3.7

SurMount CL Dual

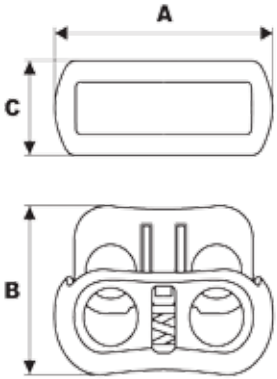
The SurMount CL Dual is a two piece CordLoc designed for tethered CordLoc applications. The SurMount CL Dual is mounted to the fabric with a ratcheting assembly; ratcheting backplate accepts fabric thickness of .35mm-1.4mm and the cord hole size is 5.6mm x 10mm. The angled finger locators provide ease of release.



				Dimensions (mm)					
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**	**F**
SurMount CL Dual (with backplate)	**303327** (350-4000)	Acetal, Steel	Black	22.8	26.7	5.4	10.0	8.3	4.6

Dual CordLoc

The Dual CordLoc is our latest offering to handle hem, waistband or footwear cord lacing applications. Providing standard holding strength, the Dual CL is contoured for easy finger location for activation.

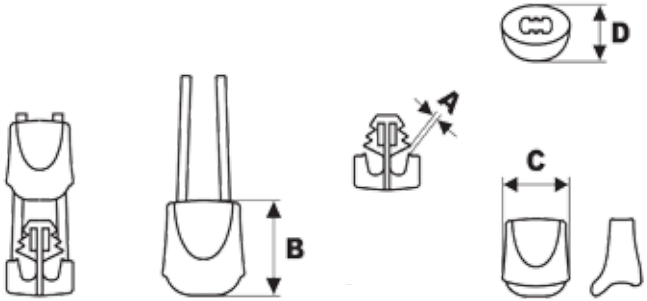


				Dimensions (mm)		
Description	P/N	Material	Color	A	B	C
Dual CordLoc	**303447** (350-9000)	Acetal, Steel	Black	19.8	13.9	7.9

Cord Ends

Cyberian Sharktooth

Used with 2.8-3.2mm cord, the Cyberian Sharktooth continues the Cyberian Family styling in a cord end. Its unique shape and wedge locking mechanism create for easy finger location and greater pull strength.

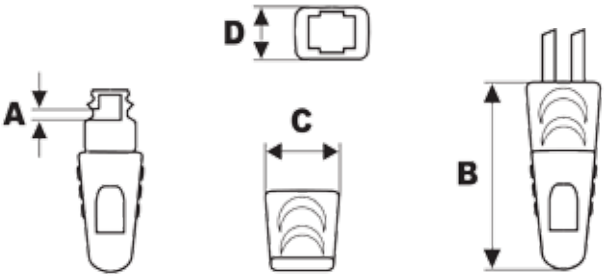


					Dimensions (mm)			
Description	Latch P/N	Body P/N	Material	Color	A	B	C	D
Cyberian Sharktooth	**305738** (864-7007)	**305728** (864-7006)	Acetal	Black	1.75	16.0	14.9	11.5

Components ordered separately

Whistle CordEnd

The Whistle CordEnd design incorporates a whistle and is designed for use in zipperpull or lanyard cord applications using 550 paracord.

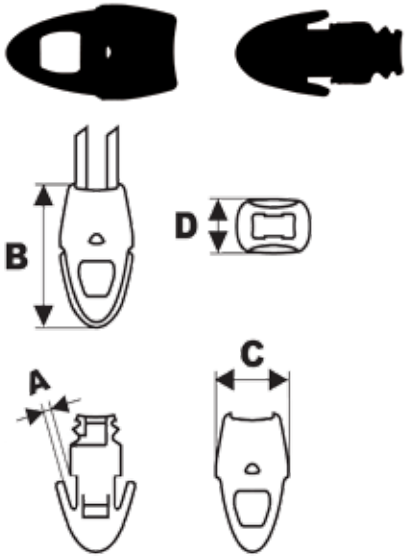


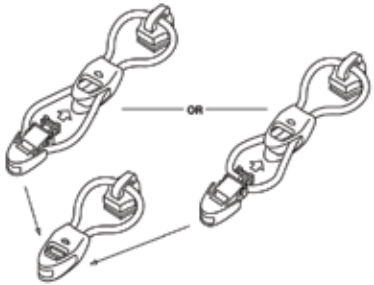
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Whistle CordEnd	**306785** (864-8006)	**306788** (864-8008)	Acetal	Black, Orange, Grey	2.3	42.6	18.4	11.5

Components ordered separately

AeroWave

The AeroWave zipper pull design incorporates a whistle and is designed for use in zipperpull applications using 3mm cord.



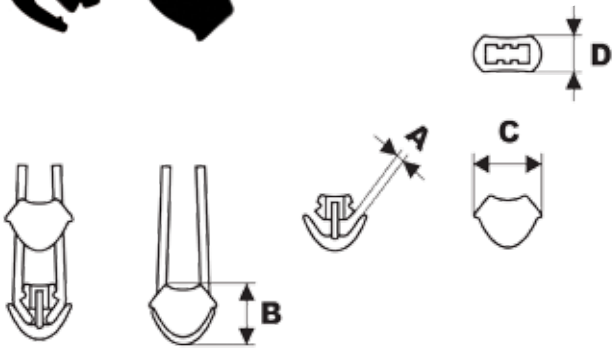


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Aerowave	**306771** (864-6010)	**306769** (864-6000)	Acetal	Black, Orange, Grey	2.7	34.0	19.1	12.8

Components ordered separately

Aerohead

Typically used with 3mm cord, the Aerohead has an enhanced shape and wedge locking mechanism that creates a loop for easy finger location and greater pull strength.

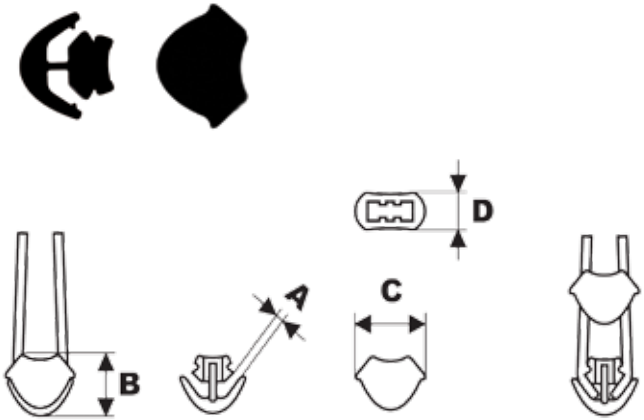


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Aerohead	**305682** (864-4000)	**305638** (864-3000)	Acetal	Black	2.7	15.6	19.7	9.4

Components ordered separately

NexGrip Aerohead

The NexGrip Aerohead is a two shot injection molded part and incorporates a soft touch feel resulting in a comfortable grip for the user. The NexGrip Aerohead body is used in conjunction with the Aerohead latch.

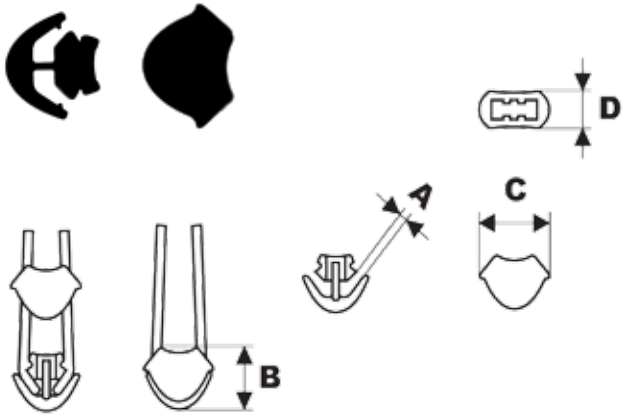


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
NexGrip Aerohead	**305682** (864-4000)	**303002** (864-5000)	Polypropylene, Elastomeric Resin, Acetal	Black, Grey	2.7	15.6	19.7	9.4

Components ordered separately

NiteShade Aerohead

The NiteShade Aerohead incorporates glow-in-the-dark technology. The latch portion of the Aerohead, after exposure to either sunlight or artificial light, will glow for up to six hours. The latch's natural color is opaque white and glow-in-the-dark color is green.

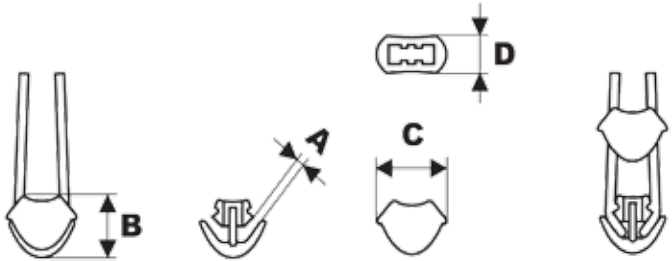


					Dimensions (mm)			
Description	Latch P/N	Body P/N	Material	Color	A	B	C	D
NiteShade Aerohead	**305711** (864-4000)	**305638** (864-3000)	Acetal, Polypropylene	Black, Opaque	2.7	15.6	19.7	9.4

Components ordered separately

Aerohead 2.0

The Aerohead 2.0 offers proven Aerohead mechanics and assembly with a concave grip and accommodates 2.0mm cord.

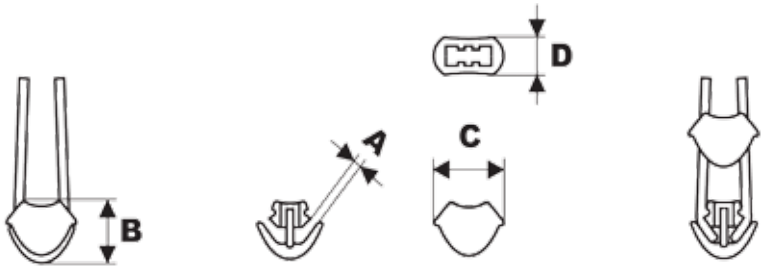


					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Aerohead 2.0	**305720** (864-7004)	**305728** (864-7006)	Acetal	Black	1.6	11.7	12.3	7.5

Components ordered separately

Micro Aerohead

The Micro Aerohead is a smaller version of the Aerohead designed to fit 1.5 - 2mm cord.

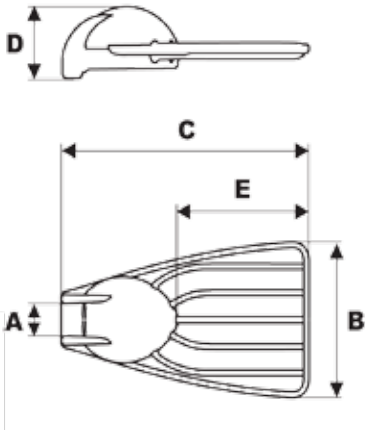


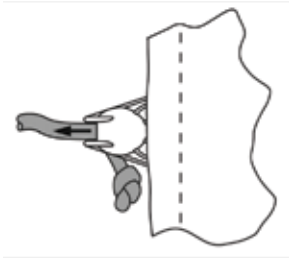
					Dimensions (mm)			
Description	**Latch P/N**	**Body P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Micro Aerohead	**306767** (864-2000)	**306765** (864-1000)	Acetal	Black	1.0	10.1	10.9	5.1

Components ordered separately

LineLoc 3 Anchor

The LineLoc 3 Anchor allows fixation of 3mm cord into a seam using a sewable nylon part which if necessary offers field reparability to replace a worn or damaged cord without seam repair.





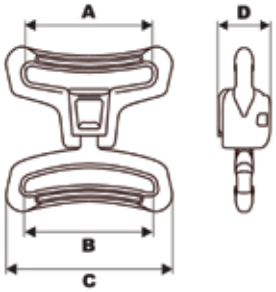
				Dimensions (mm)				
Description	P/N	Material	Color	A	B	C	D	E
LineLoc3 Anchor	**306713** (654-2010)	Nylon 6/6	Black	3.8	18.6	32.8	9.8	17.0

Snap Hooks & Connections

PBR Swivel

Our latest addition to the PBR Series offers an alternative design with a fresh, simple, and clean aesthetic. Patented "Push Button and Slide" motion provides intuitive user interface for disassembly and no actuation for assembly. The PBR also features ease of use, as much as 50% reduction in length (and associated weight savings) as well as tensile strength increase when compared with traditional plastic snap hooks.

Available sizing: 40mm PBR Swivel Housing with 25mm and 40mm Retainers.

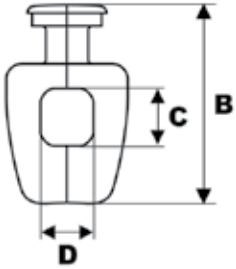


							Dimensions (mm)			
Description	**Retainer P/N**	**Housing 40 P/N**	**Retainer**	**in**	**Material**	**Color**	**A**	**B**	**C**	**D**
PBR Swivel 40	**304869** (629-0300)	**304871** (629-1300)	40 mm	1.5	Acetal	Black	38.5	38.5	51.7	15.6
PBR Swivel 25	**304866** (629-0200)	**304871** (629-1300)	25 mm	1	Acetal	Black	38.5	25.9	37.0	15.6

Components ordered separately

PBR Post Adapter

The PBR Swivel Post Adapter is a common two-piece part allowing for the attachment of the PBR Swivel to a bag using a traditional D-Ring. Ratchet-assembled from two common parts, the Post Adapter provides seamless integration where none was previously possible. The post portion allows the assembly rotary action while the hollow cylinder allows for bending action about the ring.

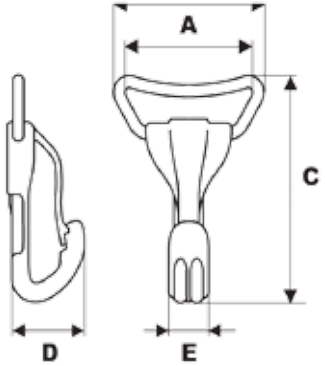


				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
PBR Post Adapter	**307586** (629-0400)	Acetal	Black	14.3	23.7	6.7	6.8

Components ordered separately

StructSure Hook

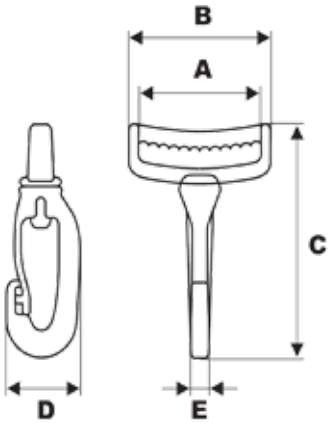
The StructSure Hook features the strength of metal, the light weight of thermoplastic and incorporates an interlocking tongue to resist release during side stress applications. The StructSure "family" look is completed when used in conjunction with the StructSure D-Ring and Aerohead.



				Dimensions (mm)				
Description	P/N	Material	Color	A	B	C	D	E
StructSure Hook 25	**304864** **304865** **(625-0000)**	Nylon 6/6, Steel	Black/Black; Black/Pewter	29.3	36.6	60.5	22.1	12.1
StructSure Hook 40	**304896** **304897** **(640-0000)**	Nylon 6/6, Steel	Black/Black; Black/Pewter	37.8	44.8	62.4	22.1	12.1

Interlocking Swivelhook

The Swivelhook was designed with arched web bars to distribute stress evenly along the span of the entire bar with ribs to prevent webbing from bunching. With a smooth rotary movement, the Swivelhook allows straps to remain tangle free.

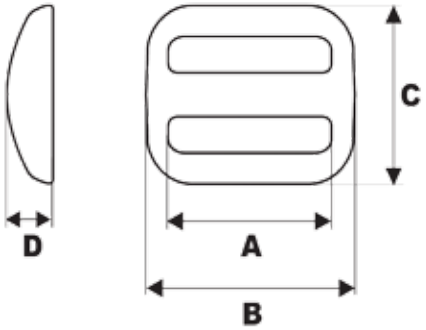


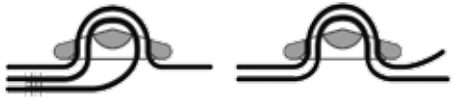
				Dimensions (mm)				
Description	P/N	Material	Color	A	B	C	D	E
Interlocking Swivelhook 25	**305891** (129-2100)	Acetal, Nylon 6/6	Black	25.9	32.2	63.7	23.4	6.2
Interlocking Swivelhook 40	**305899** (129-2150)	Acetal, Nylon 6/6	Black	38.3	44.7	66.4	23.4	6.2

Tri-Glides & Rings

Mako TG

The Mako Tri-Glide is a re-styled and updated version of the standard Tri-Glide

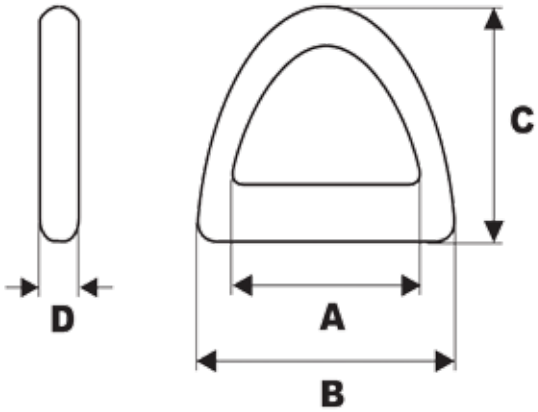




				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mako TG 20	**305819** (105-2020)	Acetal	Black	20.3	27.9	20.8	5.8
Mako TG 25	**305846** (105-2025)	Acetal	Black	25.8	33.3	20.8	5.9
Mako TG 40	**303084** (105-2040)	Acetal	Black	38.9	48.9	34.0	8.2
Mako TG 50	**303097** (105-2050)	Acetal	Black	51.6	61.6	34.5	8.2

Mako DR

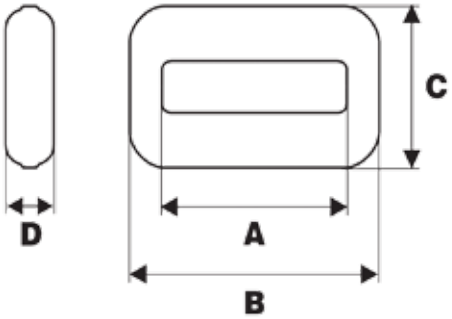
The Mako D-Ring is a re-styled and updated version of the standard D-Ring.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mako DR 20	**303100** (110-2020)	Acetal	Black	20.3	29.7	27.0	5.3
Mako DR 25	**303104** (110-2025)	Acetal	Black	25.4	34.2	29.3	5.6

Mako LP

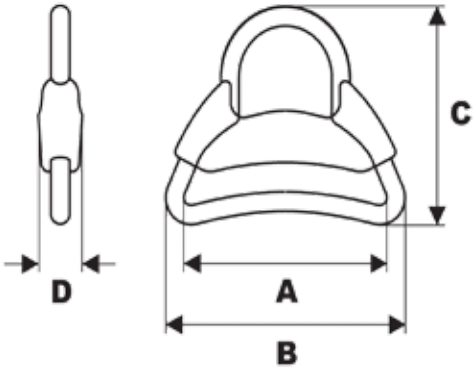
The Mako Looploc is a re-styled and updated version of the standard Looploc.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Mako LP 20	**305876** (111-2020)	Acetal	Black	20.3	27.2	23.7	7.1
Mako LP 25	**305881** (111-2025)	Acetal	Black	26.0	32.4	25.6	7.1

StructSure DR

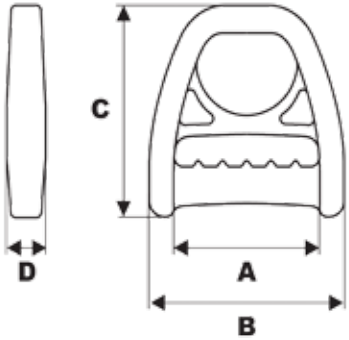
The StructSure D-Ring features the strength of metal and the light weight of thermoplastic. The StructSure family look is completed when used in conjunction with the StructSure Hook and Aerohead.



				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
StructSure DR 40	**303303** **303302** **(240-0000)**	Acetal, Steel	Black/Pewter, Black/Black	38.1	45.0	38.1	8.5

World DR

The World D-Ring (WDR) incorporates a double bar to inhibit the webbing from bunching and keeps the WDR in stable position within the webbing loop. Arched web bars distribute stress evenly along the span of the entire bar, and with ribs prevent webbing from bunching.

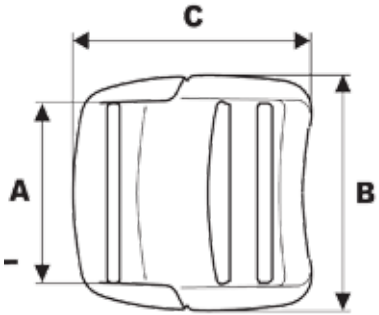


				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
World DR 25	**305910** (140-0025)	Acetal	Black	25.4	32.1	25.7	5.4
World DR 40	**305912** (140-0040)	Acetal	Black	37.8	46.2	28.7	6.1
World DR 50	**305913** (140-0050)	Acetal	Black	50.2	58.4	30.7	6.1

Cam Buckles

Cyberian Cam

The Cyberian Cam offers classic cam mechanics with the WebTorque™ slotted door for controlled web adjustment and prevention of web-run when the door is opened. Cyberian lifter tabs along the sides are also provided as adjustment options for ease of use with gloved hands. Two web slots in the contoured base offer threading options (shown) and stabilizer tab at tie-down helps ease of release.

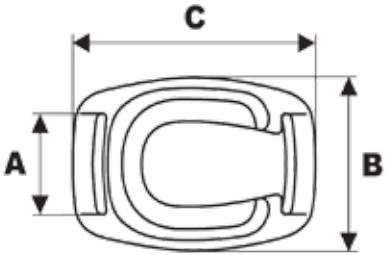


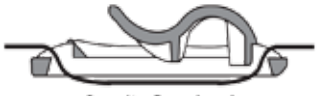
				Dimensions (mm)			
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**
Cyberian Cam 40	**305805** (100-0940)	Acetal, Nylon 6/6	Black	38.8	51.3	55.5	16.4
Cyberian Cam 50	**305808** (100-0950)	Acetal, Nylon 6/6	Black	51.0	67.4	75.0	20.0
Cyberian Cam 50 (Thick Web)	**305809** (100-1950)	Acetal, Nylon 6/6	Black	51.0	67.4	75.0	20.0

Accessories

Mako Clip

The Mako Clip offers a unique and versatile attachment product for keys or other items. Designed for one hand operation, the Mako Clip can be attached to webbing for tethered applications or anchored using both web loops.

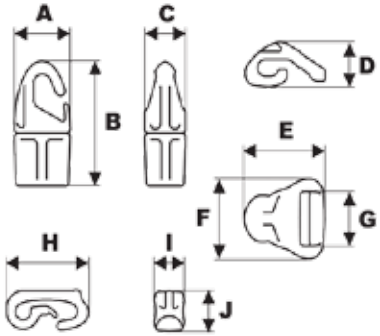


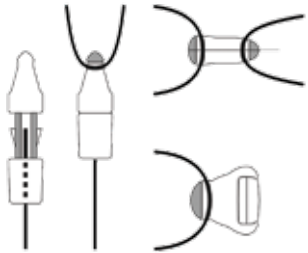


				Dimensions (mm)				
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**	**D**	**E**
Mako Clip	**305630** (829-2000)	Acetal	Black	14.0	23.9	36.9	9.2	4.3 Dia.

Shock Cord Management System

The Shock Cord Management System allows versatility in your shock cord lashing system. The PackHook, ClipHook and EndHook give the user the option of attaching and detaching the cord frame from multiple locations and easily accommodates the shape and size of the carried object.

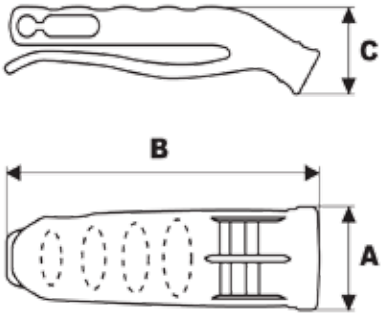




				Dimensions (mm)									
Description	P/N	Material	Color	A	B	C	D	E	F	G	H	I	J
PackHook	**304844** (606-0125)	Acetal	Black				13.1	18.7	19.3	13.0			
ClipHook	**306668** (606-1125)	Acetal	Black								21.2	8.1	9.4
EndHook	**306679** (606-2125)	Acetal	Black	14.3	30.2	10.5							

Aqua Marine Whistle

The Aqua Marine Whistle is a redesign of our original Marine Whistle, incorporating enhanced ergonomics. It is also non-corrosive, dual-toned and able to float in water; it features a retainer clip, which offers easy attachment to a belt or pack. The patented whistle may be used either with a lanyard or clipped directly onto the application. Average decibel level of 106 dB(A).



				Dimensions (mm)		
Description	**P/N**	**Material**	**Color**	**A**	**B**	**C**
Aqua Marine Whistle	**303000** (609-1000)	Polypropylene	Orange, Black	21.8	72.5	18.9

Material Descriptions

Acetal – a crystalline thermoplastic polymer material. Acetal characteristically has excellent tensile strength, stiffness, surface hardness and chemical resistance. Acetal has excellent flexural memory and property retention when subjected to repeated loading. The normal short-term use temperature range is -40°F to +270°F (-40°C to +132°C). Acetal is recommended for high performance applications. Physical properties remain consistent across a wide range of temperature, relative humidity, and weather conditions.

Nylon 6/6 – a thermoplastic polyamide resin. This material maintains good tensile strength, chemical resistance, stiffness and flexural memory. Nylon is excellent in high temperature applications. The normal short-term use temperature range is -40°F to +390°F (-40°C to +199°C). Nylon is however, a hydroscopic resin, therefore, physical properties will vary as the relative humidity changes. When dry, tensile strength is higher and impact is lower. When wet, tensile strength is lower and impact strength is higher.

Supertough Nylon – an impact modified crystalline thermoplastic polyamide resin. The defining Supertough Nylon characteristic is superior resistance to repeated impact loads. This material maintains good tensile strength, chemical resistance, stiffness and flexural memory. Nylon is excellent in high temperature applications. The normal short-term use temperature range is –40°F to +390°F (-40°C to +199°C). Nylon is, however, a hydroscopic resin. Therefore, physical properties will vary as the relative humidity changes. When dry, tensile strength is higher and impact is lower. When wet, tensile strength is low and impact strength is very high. Supertough is recommended for specific products or applications where extreme impact resistance is needed.

The information provided on this page is to be used as a preliminary guideline when considering what materials to use in specific applications. This is not guaranteed performance data, since the information provided is general to the raw materials and therefore may vary by product, design or specific loading application. It is the customer's responsibility to determine the suitability of our products in a particular application. Please contact ITW Nexus if you require any additional information.

Elastomeric Resin – a thermoplastic material. It is a flexible plastic that bridges the gap between rubbery elastomers and rigid plastics. In general, it exhibits good low temperature flexibility, good toughness, chemical resistance and excellent abrasion resistance. Normal short-term use temperature range is 0°F to +293°F (-18°C to +145°C). Material properties will change drastically outside of this range. This temperature range is material-based and individual parts may perform differently.

The information provided on this page is to be used as a preliminary guideline when considering what materials to use in specific applications. This is not guaranteed performance data, since the information provided is general to the raw materials and therefore may vary by product, design or specific loading application. It is the customer's responsibility to determine the suitability of our products in a particular application. Please contact ITW Nexus if you require any additional information.

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It is the responsibility of the customer to determine the suitability of ITW Nexus products for use in their particular application.

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