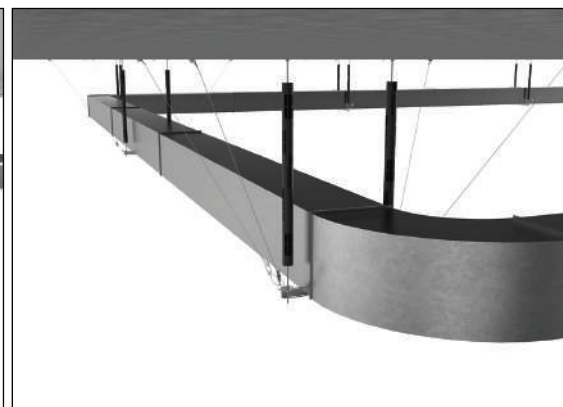
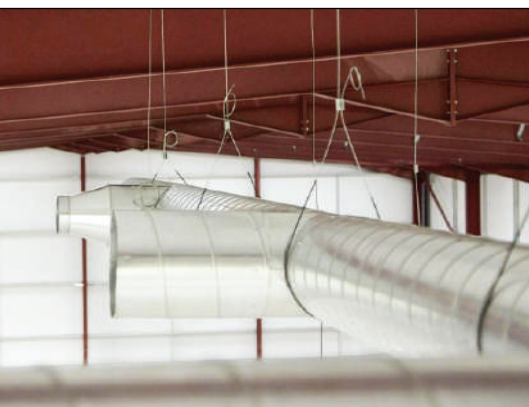


AERODUCT

Suspension solutions for **MEP services**



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PRODUCT DESCRIPTION



The Aeroduct range of Wire Rope Hanging Support Systems have been developed to provide a fast, easy, versatile and cost effective solution for suspending high load for a variety of applications such as; all types of HVAC, electrical, mechanical services, ceiling works, signage, decorations and other suspended services. Our products are manufactured in the UAE and are designed to save time, labor, and reduce costs by making the installation quicker and easier. Supplied in ready-to-use kits with a length of wire rope and end fixings of your choice, the products in this range require no on-site cutting, eliminate the need for sawing-off threaded rods for hanging ducts and are light-weighted; offering simplification and enormous safety benefits for the projects.

 WIRE ROPE	 CABLE BLOCKER / LOOP GRIPPER	 STUD	 EYE BOLT
 LOOP	 EYELET	 TOGGLE	
 SNAP HOOK	 Y-FIT STUD Y-FIT TOGGLE Y-FIT SNAP HOOK	 CATENARY HANGER	
 CATENARY	 LOOP ANCHOR	 DUCT (CORNER) PROTECTOR	

WIRE ROPE

Features

Aeroduct wire rope is manufactured in a great variety of constructions to meet the varying demands of its usage. Wire rope is composed of independent parts - wires, strands and cores that interact with each other during service. These parts are designed to attain the best balance of strength, abrasion resistance, crush resistance, corrosion resistance and flexibility for each application.

Individual wire strands are preformed to maintain their shapes and to prevent the rope from unraveling when cut.

Aeroduct wire ropes are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Ideal solution for ceiling suspended services like HVAC, electrical, mechanical services, ceiling works, signage and decorations, etc.

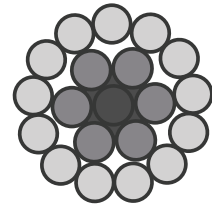
Material Technical Specification

Aeroduct Wire Ropes differ based on construction types; 1 x 19, 7 x 7 and 7 x 19.

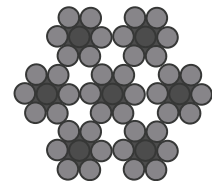
Galvanized (MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011) wire rope spools are available in various thicknesses and lengths. Stainless steel wire rope spools can be supplied on request.



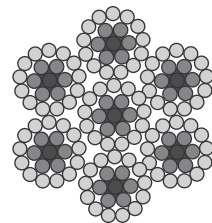
WIRE CROSS SECTION



1x19



7x7



7x19

Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Wire Rope	AD15GW	AD20GW	AD32GW	AD50GW	AD80GW
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

CABLE BLOCKER / LOOP GRIPPER

Features

Two-way loop grippers are unique ball-bearing, tool-free wire gripping mechanism. The body is made from special zinc material which has excellent anti-corrosion properties.

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

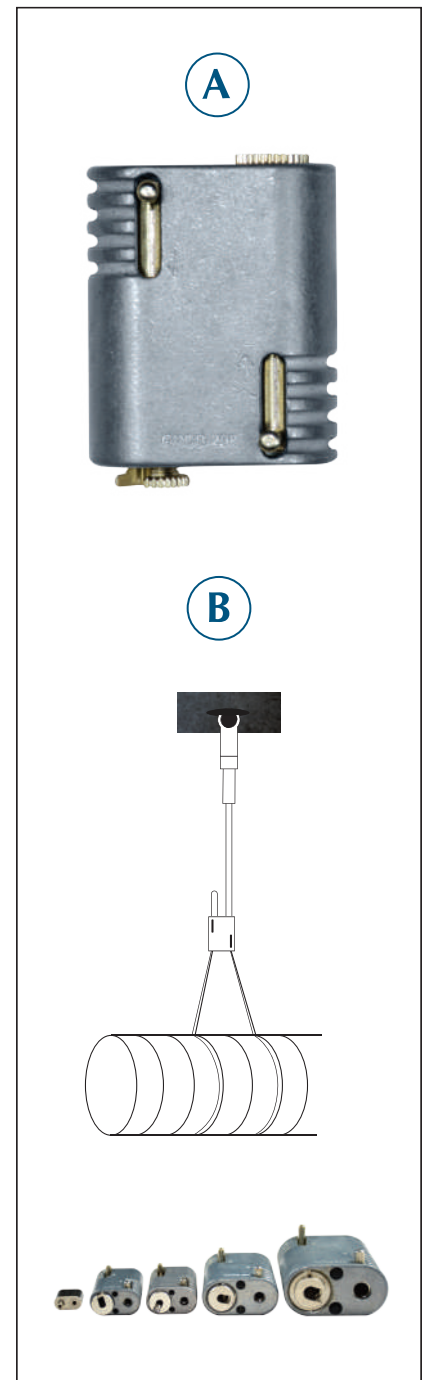
Aeroduct cable blockers are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Suitable for locking wire rope to ensure desired safe working load for ducts.

Material Technical Specification

Housing	Type ZA2 Zinc / Brass
Locking Mechanism	Ball bearing
Release Mechanism	Inbuilt release key
Spring	Stainless steel



Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Cable Blocker / Loop Gripper	ADCB - 305	ADCB - 289	ADCB - 297	ADCB - 298	ADCB - 317
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

STUD

Wire rope crimped with M6, M8, M10, M16 stud.

Features

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

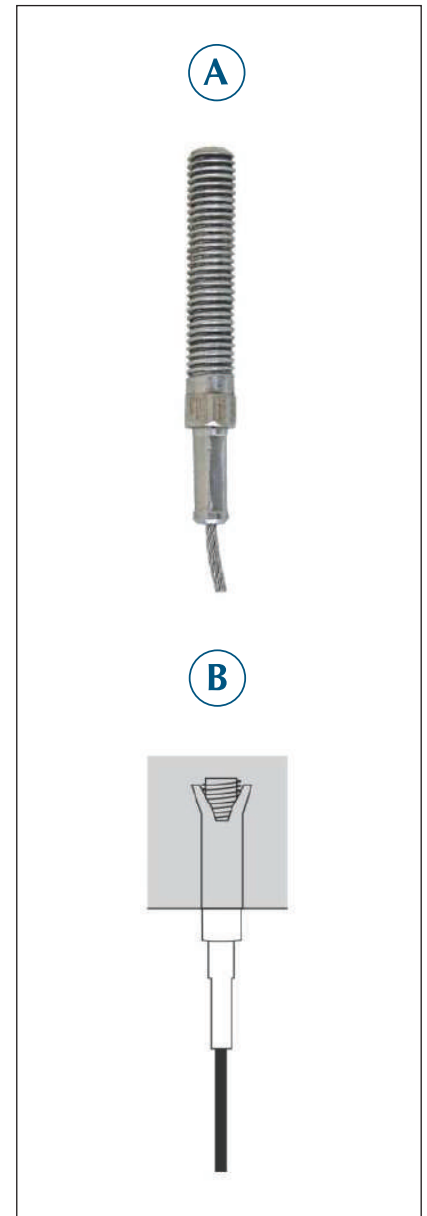
Aeroduct studs are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Ideal for anchoring into concrete ceilings, metal decking and pressed metal brackets (with nuts).

Material Technical Specification

Stud	MS-En8 White Zinc
Wire Rope	Wire Rope MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011 IS-6745-2011



Thread	M6	M8	M8	M10	M16
Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Stud Wire Rope	AD305GW300S	AD289GW300S	AD297GW300S	AD298GW300S	AD299GW300S
2 Stud "V" Type Wire Rope	AD305VGW30S	AD289VGW30S	AD297VGW30S	AD298VGW30S	AD299VGW30S
2 Stud "Y" Type Wire Rope	AD305YGW45S	AD289YGW45S	AD297YGW45S	AD298YGW45S	AD299YGW45S
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

EYE BOLT

Features

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

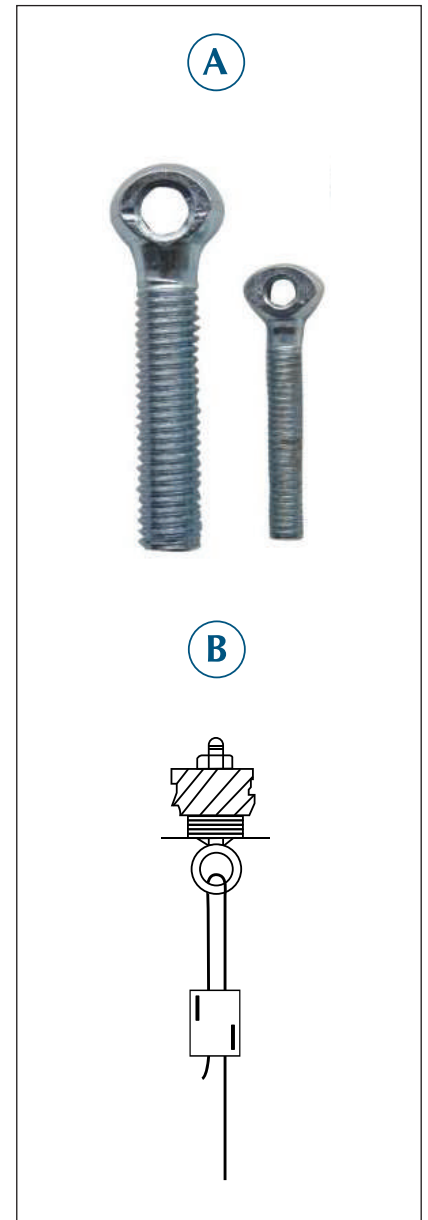
Aeroduct eye bolts are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Suitable for concrete ceiling, metal decking and pressed metal brackets.

Material Technical Specification

Stud MS-En8 White Zinc



Thread	M6	M8	M8	M10	M16
Eye Bolt	ADM6EBS	ADM8EBS	ADM8EBS	ADM10EBS	ADM16EBS
Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Length	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

LOOP

Wire rope crimped with preformed loop.

Features

Hanger uses a non-invasive, simple choke-knot technique, eliminating the need for nuts, bolts or other accessories. Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

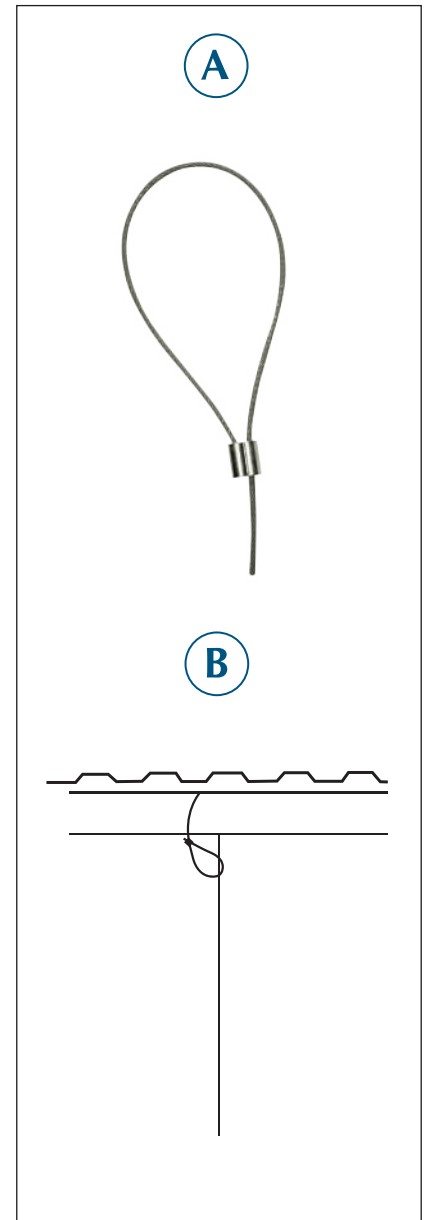
Aeroduct loops are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Suitable for looping around purlins, beams, roof trusses, quick fittings for concrete ceilings or deckings with appropriate hangers and other accessible building features.

Material Technical Specification

Ferrule	MS-En8 White Zinc (Hexagonal crimped)
Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011



Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Cable with Loop on one end	AD15GW150L	AD20GW150L	AD30GW150L	AD50GW150L	AD80GW150L
Length	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

EYELET

Wire rope with crimped eyelet.

Features

Eyelets are classified into three types according to their angular curves; eyelet (180°), eyelet (45°) and eyelet (90°). Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

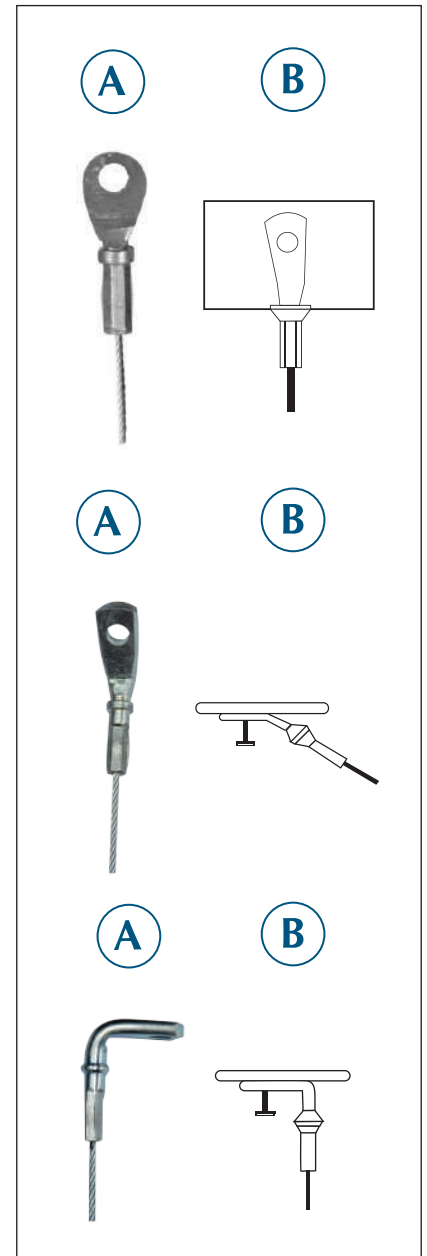
Aeroduct eyelets are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Generally suitable for a variety of applications are require bolting to brackets or fixtures. 90° and 180° eyelet is ideal for fixing into concrete, steel or wood by using appropriate screws, bolts and brackets. 45° eyelet is suitable for bracing applications.

Material Technical Specification

Eyelet	MS Galvanized (180°, 45° curved and 90° curved) cutout diameter
Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011
Crimping	Hexagonal (MS Galvanized)



Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
2.5 mtr Wire rope with crimped Eyelet 45°	AD15GW45EL	AD20GW45EL	AD30GW45EL	AD50GW45EL	AD80GW45EL
2.5 mtr Wire rope with crimped Eyelet 90°	AD15GW90EL	AD20GW90EL	AD30GW90EL	AD50GW90EL	AD80GW90EL
2.5 mtr Wire rope with crimped Eyelet 180°	AD15GW180EL	AD20GW180EL	AD30GW180EL	AD50GW180EL	AD80GW180EL
Length	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft	5, 10, 15 ft
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

TOGGLE

Wire rope with end crimping and toggle plate.

Features

Provides a simple fixing method by combining a plate and end stop.

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

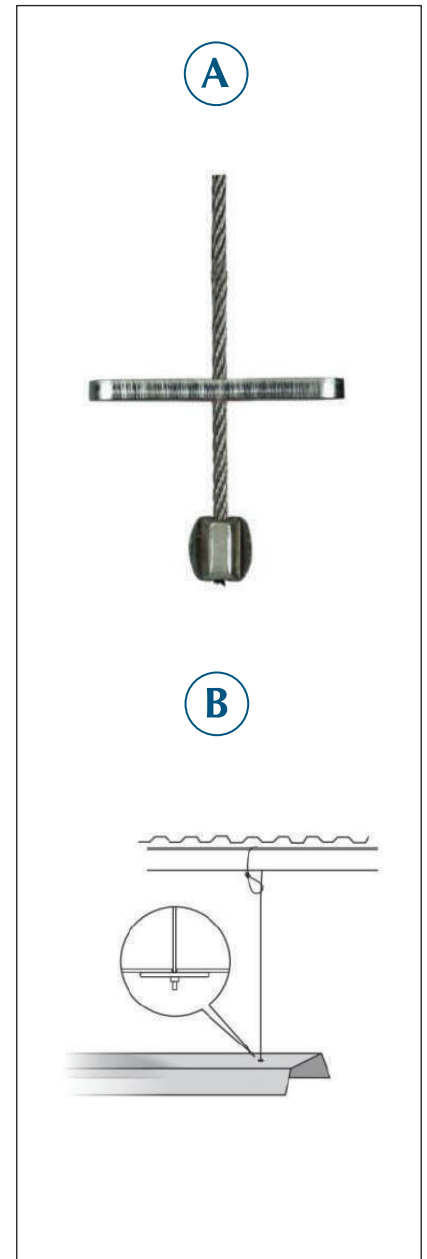
Aeroduct toggles are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Suitable for profile roof cladding, light fixtures, luminaries and other cavities.

Material Technical Specification

Toggle	MS-En8 White Zinc
End Stopper	MS Galvanized (Hexagonal Crimped)
Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011



Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Wire Rope with End Crimping and Toggle Plate	AD15GWTG	AD20GWTG	AD30GWTG	AD50GWTG	AD80GWTG
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

SNAP HOOK

Wire rope crimped with snap-on hook.

Features

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

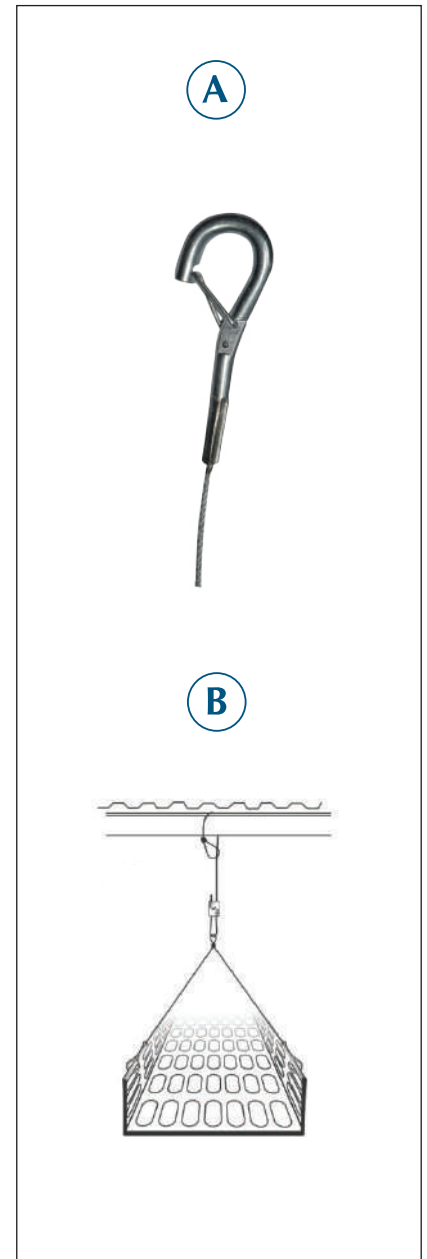
Aeroduct snap hooks are SMACNA compliant; all products carry a 5:1 safety.

Applications

Suitable for use on cable tray, purlin clips and light fittings.

Material Technical Specification

Hook	MSEn8 White Zinc
Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011
Crimping	MS Galvanized (Hexagonal)



Thread	M6	M8	M8	M10	M16
Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Snap Hook Wire Rope	AD305GW300SH	AD289GW300SH	AD297GW300SH	AD298GW300SH	AD299GW300SH
2 Snap Hooks "V" Type Wire Rope	AD305VGW30SH	AD289VGW30SH	AD297VGW30SH	AD298VGW30SH	AD299VGW30SH
2 Snap Hooks "Y" Type Wire Rope	AD305YGW45SH	AD289YGW45SH	AD297YGW45SH	AD298YGW45SH	AD299YGW45SH
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

Y-FIT ACCESSORIES

Stud, toggle and snap hook.

Features

Single point suspension with double hanging points to enable one leg to be detached to allow access to cables, etc. for installation. It improves stability and center of gravity for balanced services and are available with a range of end fixings and a variety of leg lengths.

Y-Fit accessories are generally ideal for lightning, cable tray, radiant panels or other suspended services.

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

Aeroduct Y-Fit accessories are SMACNA compliant; all products carry a 5:1 safety factor.

Y-FIT STUD

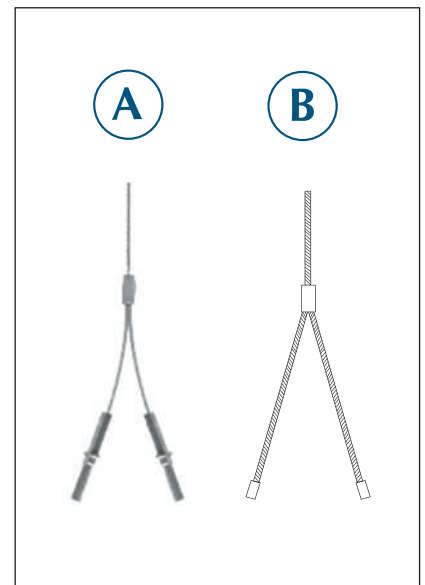
Y-Fit crimped M6, M8 stud.

Applications

Suitable for use on existing metal brackets.

Material Technical Specification

Stud	MSEn8 White Zinc
Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011
Ferrule	MSEn8 White Zinc (Hexagonal Crimped)



Thread	M6	M8	M8	M10	M16
Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
2 Stud "Y" Type Wire Rope	AD305YGW45S	AD289YGW45S	AD297YGW45S	AD298YGW45S	AD299YGW45S
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

Y-FIT TOGGLE

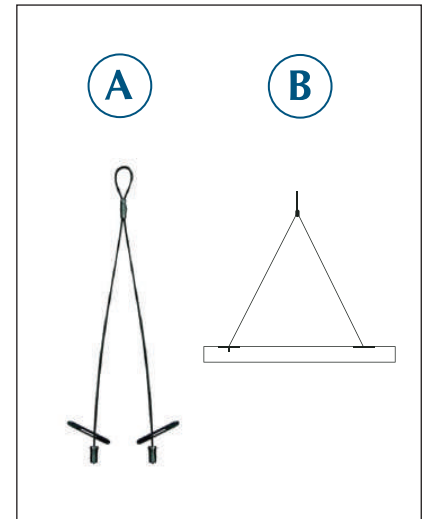
Y-Fit crimped with end stopper and toggles.

Applications

Suitable for light fittings, luminaries and other cavities.

Material Technical Specification

Toggle	MSEn8 White Zinc
Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011
End Stopper	MS Galvanized (Hexagonal Crimped)
Crimping	MS Galvanized (Hexagonal)



Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
2 Toggle Plates "Y" Type Wire Rope	AD15YGWTG	AD20YGWTG	AD30YGWTG	AD50YGWTG	AD80YGWTG
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

Y-FIT SNAP HOOK

Y-Fit crimped with snap hooks.

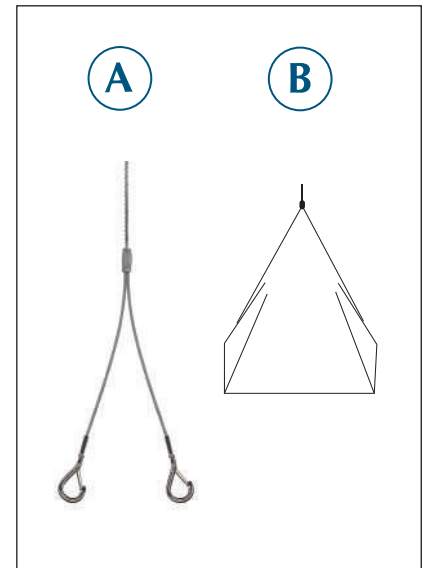
Applications

Suitable for cable tray or ladder.

Ideal for services that require maintenance or access due to its snap hook end fixing.

Material Technical Specification

Hook	MSEn8 White Zinc
Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011
Crimping	MS Galvanized (Hexagonal)



Thread	M6	M8	M8	M10	M16
Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
2 Snap Hooks "Y" Type Wire Rope	AD305YGW45SH	AD289YGW45SH	AD297YGW45SH	AD298YGW45SH	AD299YGW45SH
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

CATENARY HANGER

Features

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

Aeroduct catenary hangers are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Twists onto cable strut for suspending a service or a Y-Fit accessory hanger.

Material Technical Specification

Clip MSEN8 White Zinc

Eye Bolt MS-En8 White Zinc

A



B



Thread	M6	M8	M8	M10	M16
Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Catenary Hanger crimped with Eyebolt and Wire Rope	15CHGWEB	20CHGWEB	30CHGWEB	50CHGWEB	80CHGWEB
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

CATENARY

Cable with two blockers.

Features

Catenaries create secure, overhead spans by running high strength wire rope between two fixings points. Horizontal wire rope solution where no direct vertical anchor point is available.

Aeroduct catenaries are SMACNA compliant; all products carry a 5:1 safety factor.

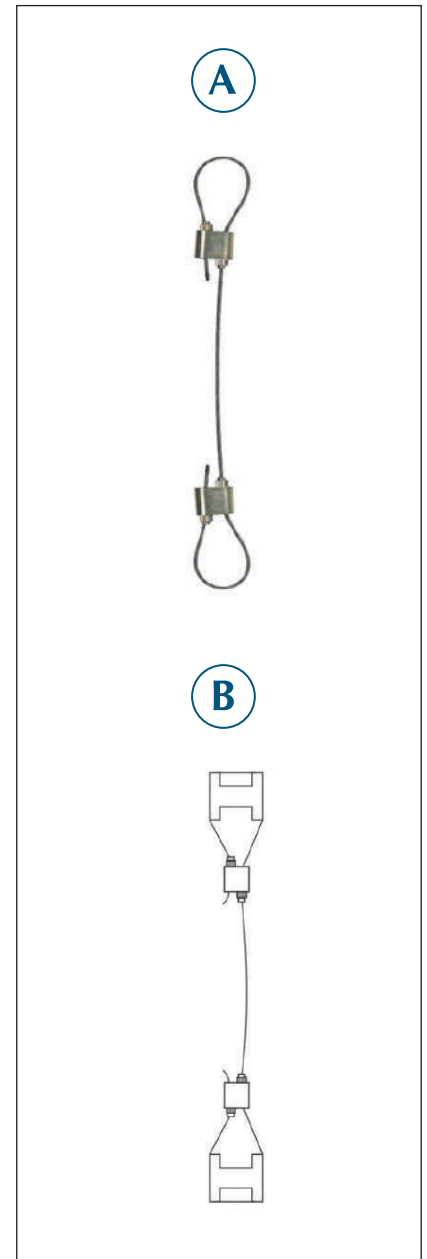
Applications

Cable strut is ideal for heavier services and longer cable spans due to its high strength.

Suitable for a variety of applications such as electrical (lightning and electrical containment), HVAC and mechanical services (pipework) for indoor and stationary setting.

Material Technical Specification

Wire Rope	MS Galvanized IS228, (ASTM-D117)-2016, IS-6745-2011
Cable Blocker	Tin / Nickel Plated



LOOP ANCHOR

Features

Recommended for the suspension of HVAC, electrical and mechanical services (for indoor and stationary setting).

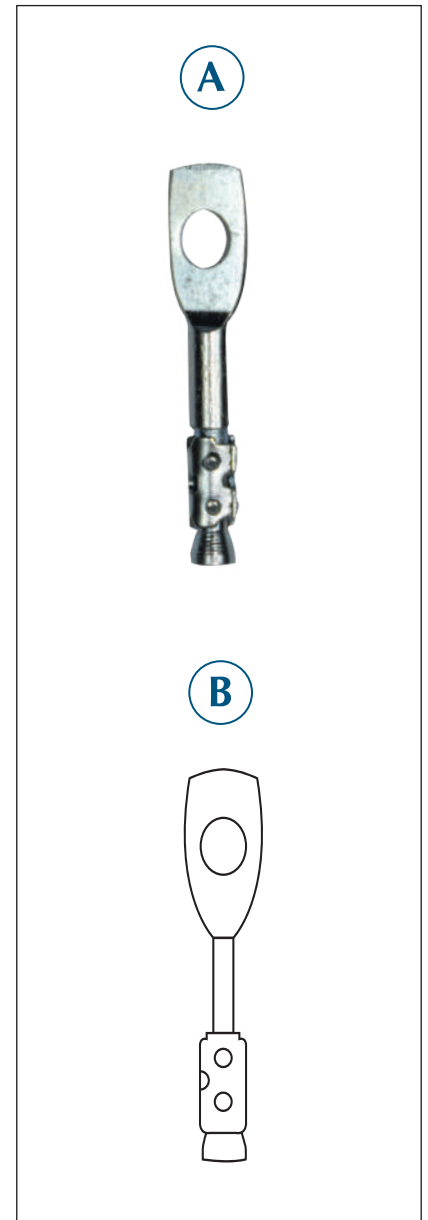
Aeroduct loop anchors are SMACNA compliant; all products carry a 5:1 safety factor.

Applications

Suitable for concrete ceiling, metal decking and pressed metal brackets.

Material Technical Specification

Loop Anchor MSEN8 White Zinc



Thread	M6	M8	M8	M10	M16
Loop Anchor	ADM6LA	ADM8LA	ADM8LA	ADM10LA	ADM16LA
Wire Diameter	1.5 mm	2 mm	3 mm	5 mm	8 mm
Wire Construction	7x7	1x19 / 7x7	7x7	7x7	7x7
Safe Working Load (kg)	Up to 20	Up to 60	Up to 115	Up to 250	Up to 450

DUCT (CORNER) PROTECTOR

Features

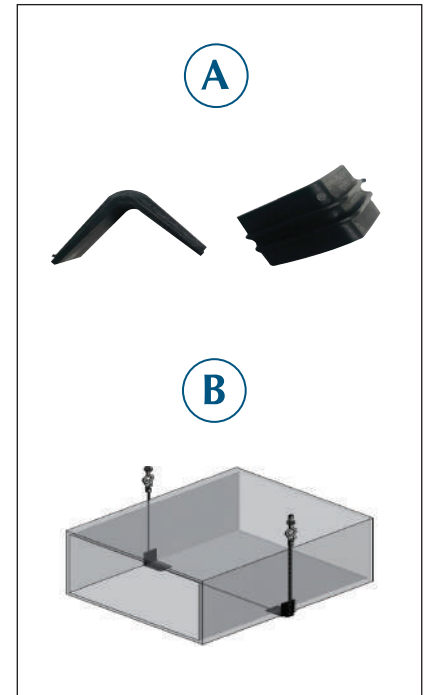
Recommended for wire rope safety on angular ducts (for indoor and stationary setting).

Applications

Suitable for square and rectangular ducts.

Material Technical Specification

Corner Protector	Nylon 6
Color	Black
Dimension	45 mm x 35 mm x 3 mm thickness



Disclaimer: This information on Hira Industries products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

NOTES

AERODUCT



Manufactured by Hira Industries LLC (Aeroduct Division)

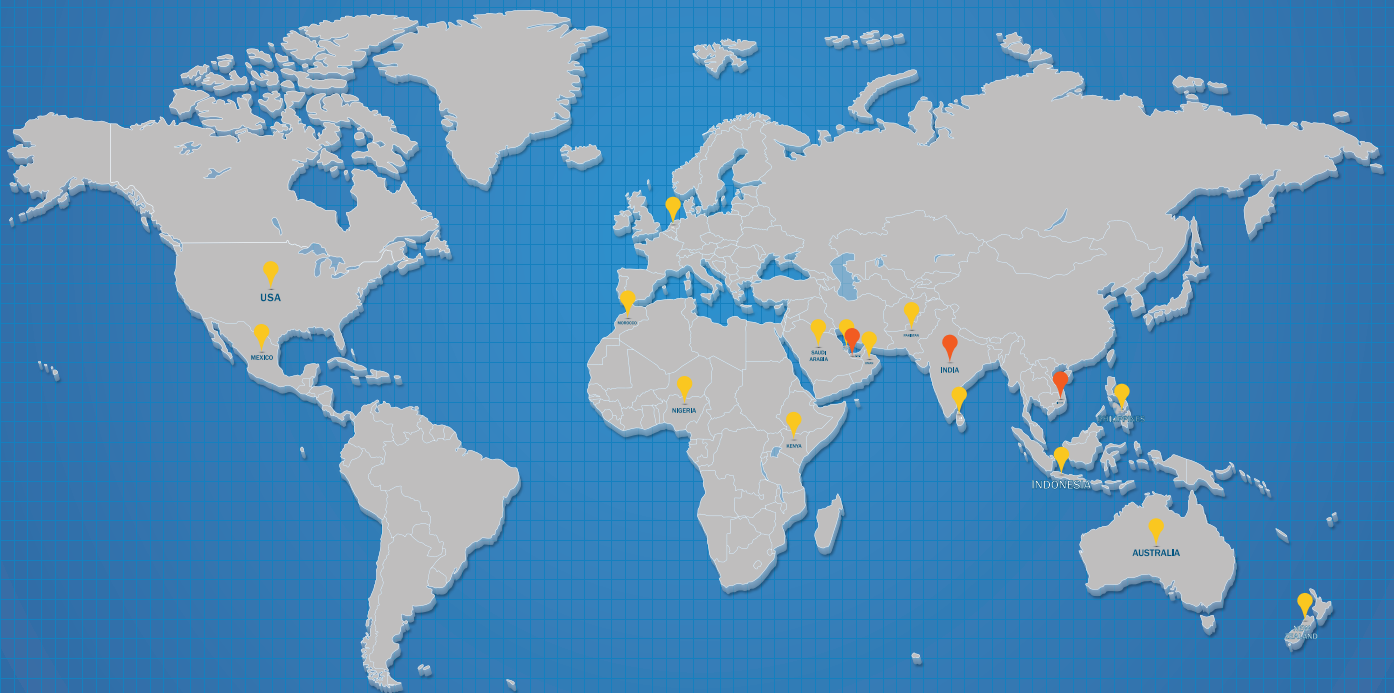
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Sales Units



Sales & Manufacturing Units

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