

FIBER OPTICAL
NETWORK SOLUTION

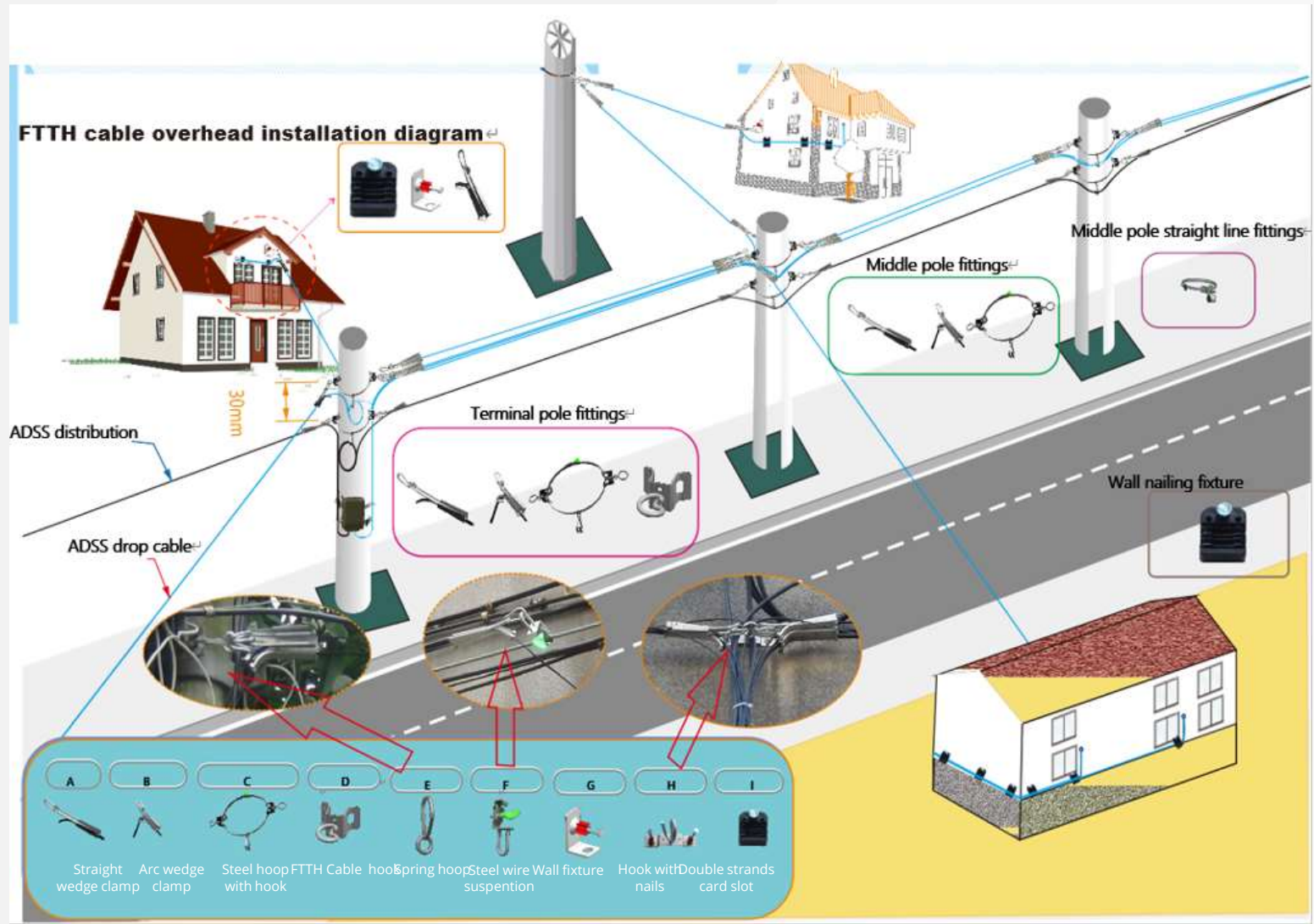
Pole Line Hardware Instruction

Defang provides banding and anchoring solutions for aerial FTTH fiber optic networks. We supply reliable overhead line hardware for outdoor aerial line deployment. Main products including stainless steel bands, stainless steel buckles, anchor brackets, tension hooks, pole-line bolts etc. All the hardware were long life designed and easy to operating during application.

We are improving our products with excellent design and reliable quality, to meet the new challenges of evolving global information markets.

www.defangtech.com

FTTH cable overhead installation diagram





01

DF Pole Line Hardware Solution

A: Wedge Clamp

DFHWCS-03

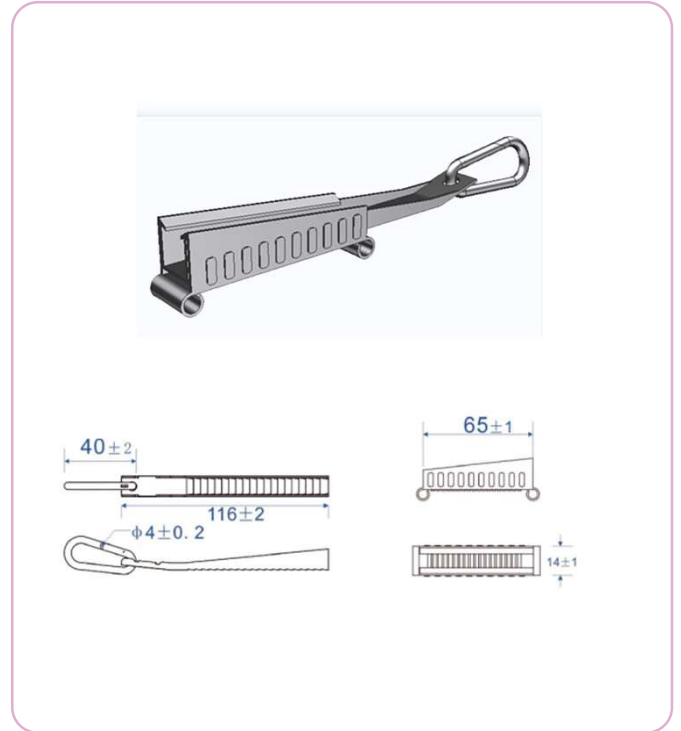
Description

The cable clamp consist of conical shell, shim and unibody designed wedge and wire loop. In the distribution segment of optical networks in FTTH , the cable can be used as indoor or outdoor drop cables for the self-supporting aerial installation to connect branching points with access points for subscribers.

Key Features:

- Easy installation , no require other tools
- Used for flat fiber drop cable
- Q195 carbon steel (Shell, wedge and shim can be switched to plastic as required)
- Removable and don't hurt cable jacket during application

Product image



Technical Specifications

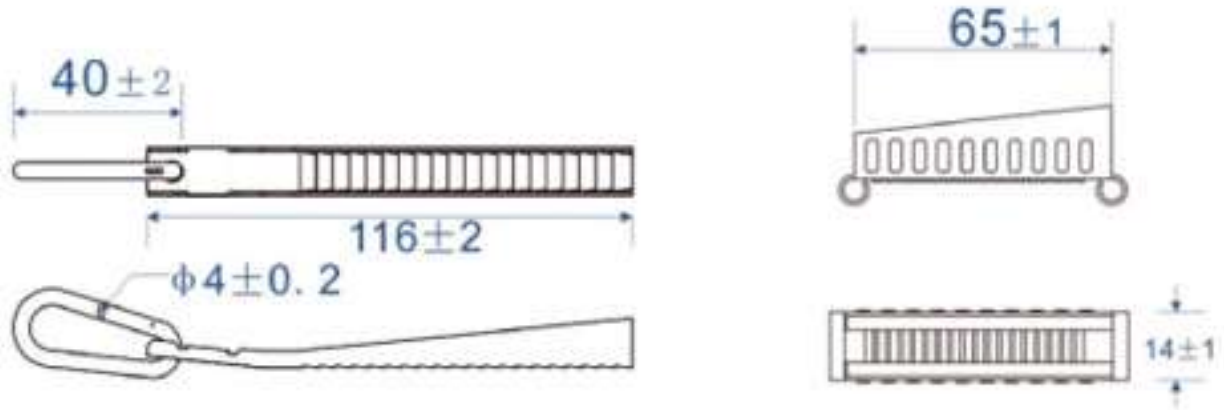
Product Number	DFHWCS-03
Round cable diameter	Φ5mm cable
Flat cable size h*w	(2-5) * <(2-13) mm
Application Span	≤30 m
Tensile Strength	>600N
Materials	Q195 Steel+SPCC Steel
Ambient temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h, and the corrosion area below 1%.

* Conventional parameters, can be customized according to customer requirements

A: Wedge Clamp

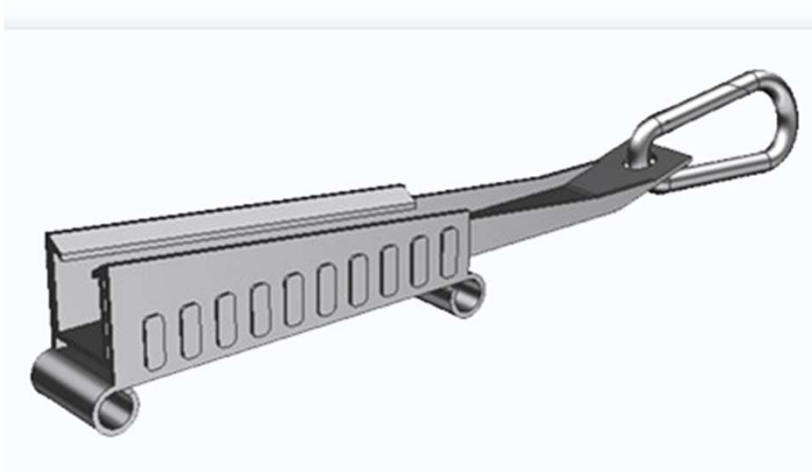
DFHWCS-03

Specification



Unit: mm

Key Features:



* Conventional parameters, can be customized according to customer requirements

A: Wedge Clamp

DFHWCP-01

Description

DFHWCP-01 is used to hold 2.0-5.0 * 3.0-13.0 mm cable.

Key Features:

- Plastic wedge clamp designed to support Drop Fiber Cable
- The Application cable size 2.0-5.0 X 3.0-13.0 mm
- The clamp is rated to support Fiber Drop Cables to a maximum of 0.55KN with minimal attenuation
- The whole clamp body are formed UV resistance polymer

Product image



Technical Specifications

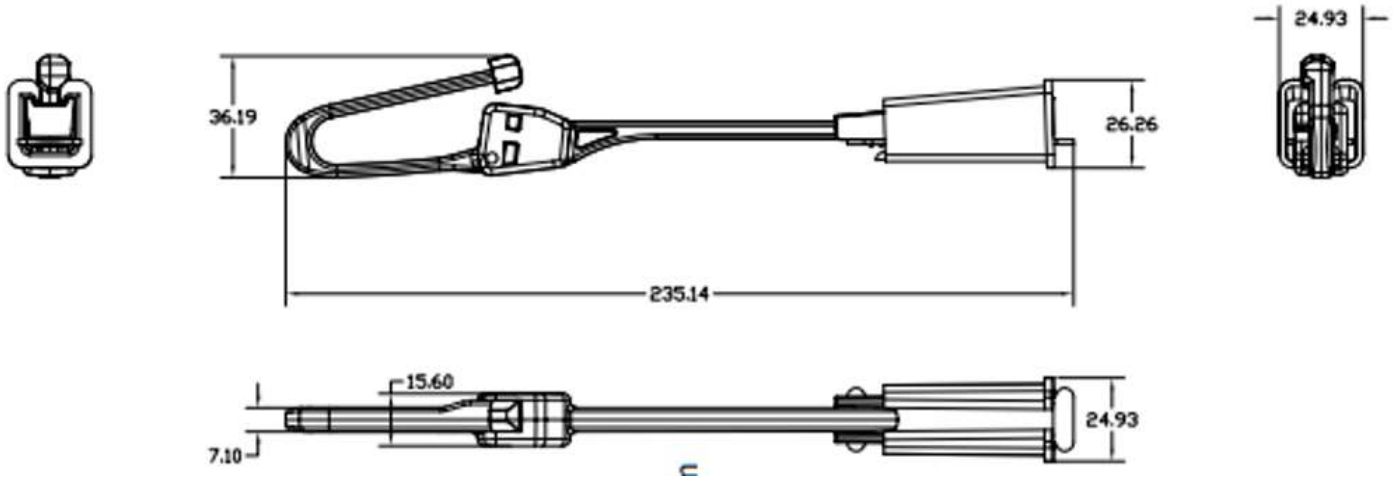
Product Number	DFHWCP-01
Round cable diameter	Φ5mm cable
Flat cable size h*w	(2-5) * <(3-13) mm
Materials	PP
Tensile Strength	≤550N

* Conventional parameters, can be customized according to customer requirements

A: Wedge Clamp

DFHWCP-01

Specification



Unit: mm

* Conventional parameters, can be customized according to customer requirements

A: Wedge Clamp

DFHWCS-04

Description

The cable clamp consist of conical shell, shim and unibody designed wedge and wire loop. In the distribution segment of optical networks in FTTH , the cable can be used as indoor or outdoor drop cables for the self-supporting aerial installation to connect branching points with access points for subscribers.

Key Features:

- Easy installation , no require other tools
- Used for flat fiber drop cable
- Q195 carbon steel (Shell, wedge and shim can be switched to plastic as required)
- Removable and don't hurt cable jacket during application

Product image



Technical Specifications

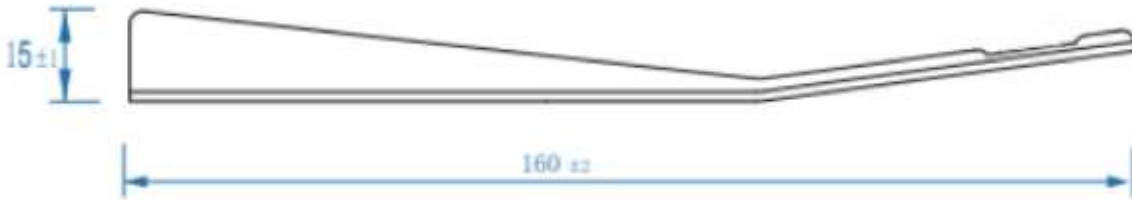
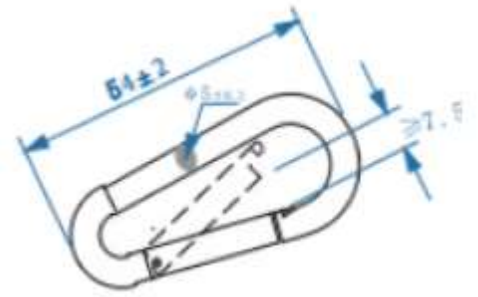
Product Number	DFHWCS-04
Flat cable size h*w	5 mm Round cable
Application Span	≤70 m
Tensile Strength	>600N
Materials	Q195 Steel+ SPCC Steel
Ambient temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h, and the corrosion area below 1%.

* Conventional parameters, can be customized according to customer requirements

A: Wedge Clamp

DFHWCS-04

Specification



Unit: mm

* Conventional parameters, can be customized according to customer requirements

DFHWCCS4-01

Description

The cable clamp consist of conical shell, shim and unibody designed wedge and wire loop. In the distribution segment of optical networks in FTTH , the cable can be used as indoor or outdoor drop cables for the self-supporting aerial installation to connect branching points with access points for subscribers.

Key Features:

- Easy installation , no require other tools
- Used for flat fiber drop cable
- 304 Stainless steel and 430 Stainless steel to resist aging
- Removable and don't hurt cable jacket during application

Product image



Technical Specifications

Product Number	DFHWCCS4-01
Flat cable size h*w	2*5 or 3*5 mm
Application Span	≤70 m
Tensile Strength	≥550N
Body and shim	304 stainless Steel
bail wire	430 stainless Steel

* Conventional parameters, can be customized according to customer requirements

Installation

①



Place Fiber Drop Cable in Shell.

②



Insert Shim over Fiber Cable making sure sidewalls are on either side of Cable.

③



Insert Wedge in to grooves of Shell and pull taut.

* Conventional parameters, can be customized according to customer requirements

B: S type clamp

DFHWCP-S01

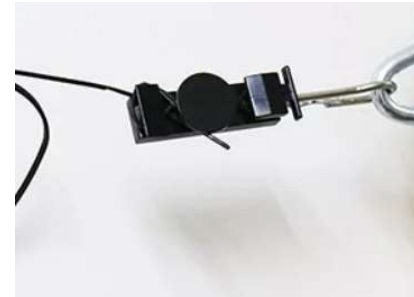
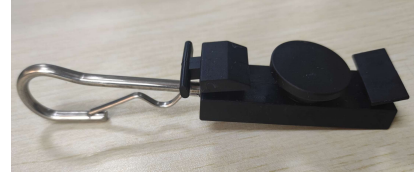
Description

The S Type dead - end FTTH fiber clamp is designed to anchor and support flat or round fiber optical cable on dead - end routes during outdoor FTTH network constructions.

Key Features:

- Easy installation , no require other tools
- Both suitable for round or flat fiber drop cable
- 201 or 304 Stainless steel and UV resistant plastic
- Removable and don't hurt cable jacket during application
- Good insulating property
- High mechanical strength

Product image



Technical Specifications

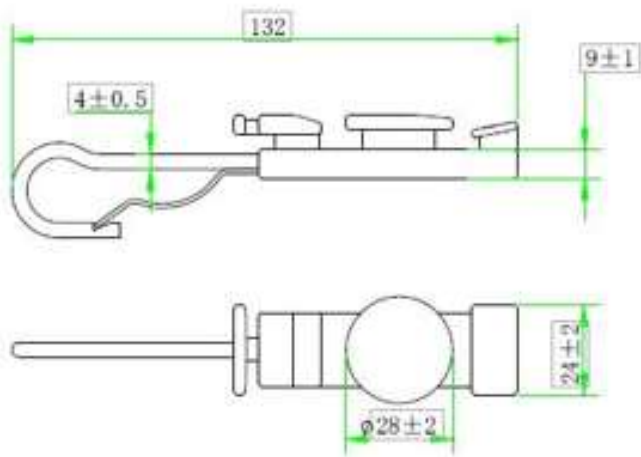
Product Number	DFHWCP-S01
Application Span	≤70 m
Tensile Strength	≤1200 N
Materials	PA + 304 stainless steel
Flat cable size	2.0 * 3.0 or 2.0*5.0mm
Ambient temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 120h, and the corrosion area below 1%

* Conventional parameters, can be customized according to customer requirements

B: S type clamp

DFHWCP-S Type dead-end fiber clamp

Dimensions



* Conventional parameters, can be customized according to customer requirements

B: S type clamp

DFHWCP-S09

Description

The S Type dead - end FTTH fiber clamp is designed to anchor and support flat or round fiber optical cable on dead - end routes during outdoor FTTH network constructions.

Key Features:

- Easy installation , no require other tools
- Both suitable for round or flat fiber drop cable
- 304 Stainless steel and UV resistant plastic
- Removable and don't hurt cable jacket during application
- Good insulating property
- High mechanical strength

Product image



Technical Specifications

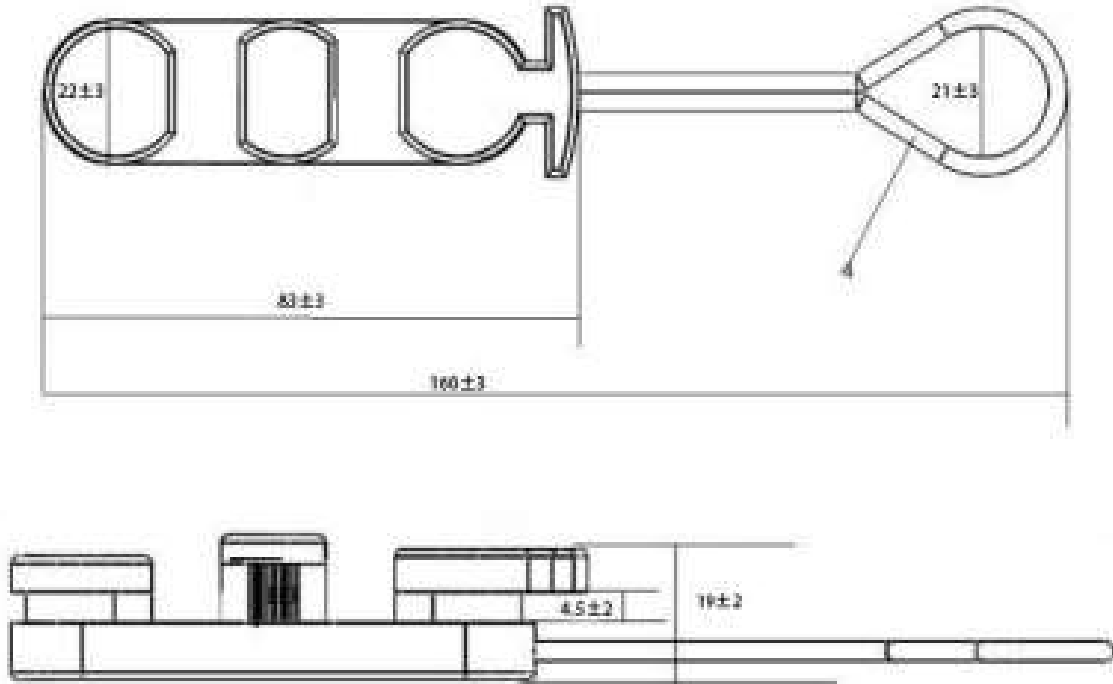
Product Number	DFHWCP-S09
Application Span	≤70 m
Tensile Strength	>600N
Materials	PA + 304 stainless steel
Flat cable size	2.0 * 3.0 or 2.0*5.0mm
Ambient temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h, and the corrosion area below 1%

* Conventional parameters, can be customized according to customer requirements

B: S type clamp

DFHWCP-S Type dead-end fiber clamp

Dimensions



* Conventional parameters, can be customized according to customer requirements

DFHWCP-S15

Description

4 in 1S Cable clamp is used to hold 4-strand 2*5 drop cable on dead - end routes during outdoor FTTH network constructions.

Key Features:

- Easy installation , no require other tools
- Overall UV resistant thermoplastic guarantee long period usage
- Removable and don't hurt cable jacket during application
- High mechanical strength
- Effective cable clamping due to the conical wedging system

Product image



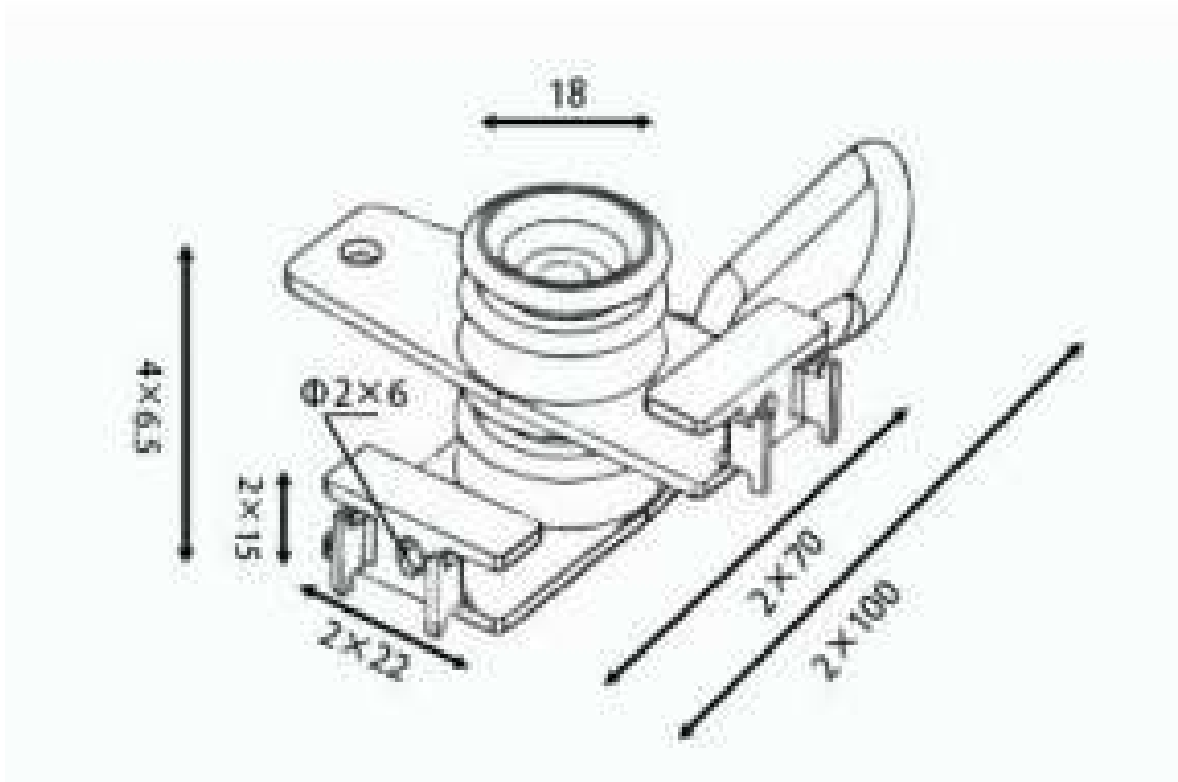
Technical Specifications

Product Number	DFHWCP-S15
Round cable diameter	2×5 drop cable
Application Span	≤100 m
Tensile Strength	≤1000N
Materials	Q195 Steel +SPCC Steel
Surface Treating	Organic coating
Ambient temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h, and the corrosion area below 1%

* Conventional parameters, can be customized according to customer requirements

DFHWCP-S15

Dimension



* Conventional parameters, can be customized according to customer requirements

C. Tension Clamp

DFHSC-27

Description

This cable tension clamp is used to secure 3-5mm cable without FRP component and only yarn in it.

Key Features

- Hand installation , no request other tools
- UV resistant polymer stainless steel material guarantee long period usage
- Self- adjustable wedge , enough to keep cable in tight strength position

Product image



Technical Specifications

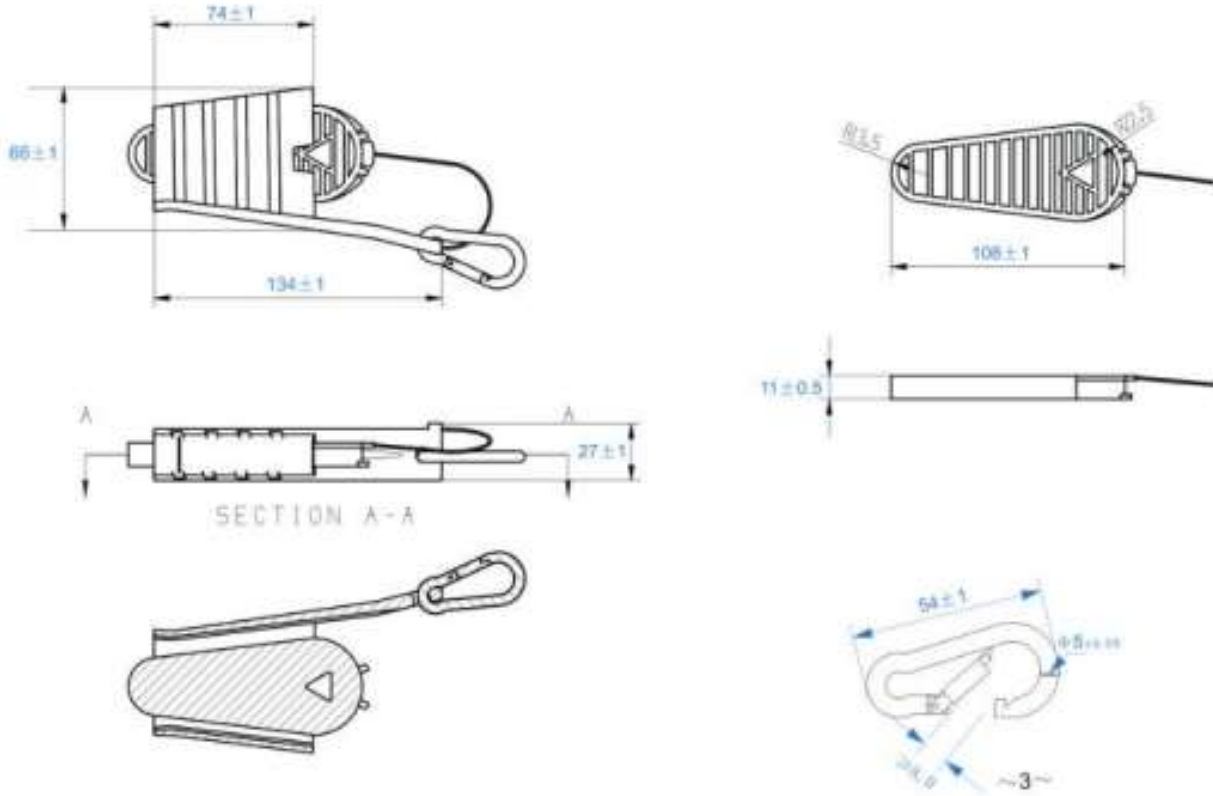
Product Number	DFHSC-27
cable size	5 mm round cable
Application Span	≤80 m
Tensile Strength	>600 N
Materials	PA + Q195
Corrosion resistance	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h

* Conventional parameters, can be customized according to customer requirements

C. Tension Clamp

DFHSC-27

Dimension



* Conventional parameters, can be customized according to customer requirements

C. Tension Clamp

DFHSC-35

Description

This clamp is used to secure 3mm drop cable in application on the pole .

Key Features

- Hand installation , no request other tools
- UV resistant polymer stainless steel material guarantee long period usage
- Self- adjustable wedge , enough to keep cable in tight strength position

Product image



Technical Specifications

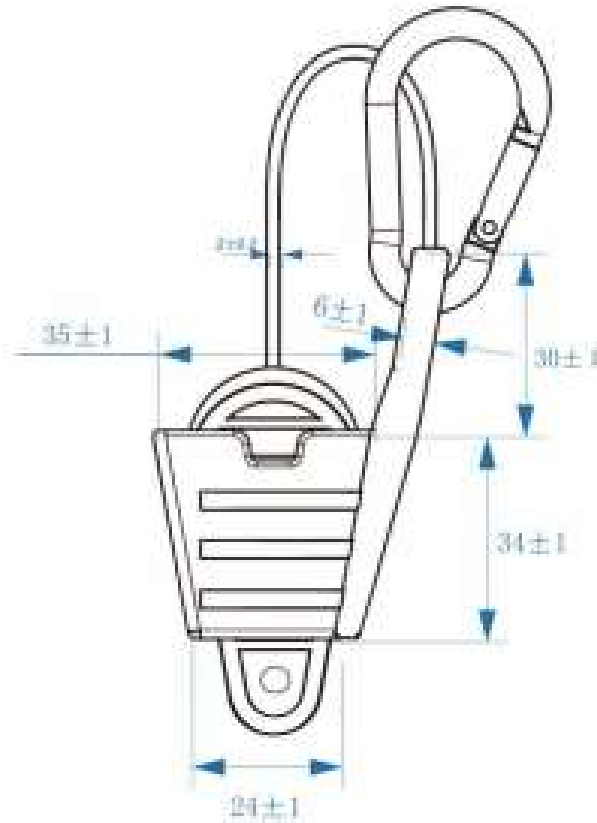
Product Number	DFHSC-35
cable size	3 mm round cable
Application Span	≤80 m
Tensile Strength	>600 N
Materials	PA + Q195
Corrosion resistance	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 120h

* Conventional parameters, can be customized according to customer requirements

C. Tension Clamp

DFHSC-35

Dimension



* Conventional parameters, can be customized according to customer requirements

More clamps can be found from us



C: Steel hoop with hook

DFHS-Hoop-02

Description

The steel hoop with hooks is used on communication poles for setting anchoring clamp point.

The steel hoop Fiber optic cable hoop was designed to applied with wooden , concrete or metal poles , it provides 6 points for drop wire clamp , usually used in aerial fiber to home (FTTH) line constructions .

Key Features:

- Easy installation , only need screwdriver during application
- Adjustable diameter
- Hot-dip galvanized steel plate and weatherproof hardware fitting
- Used together with wedge clamp
- High mechanical strength

Product image



Technical Specifications

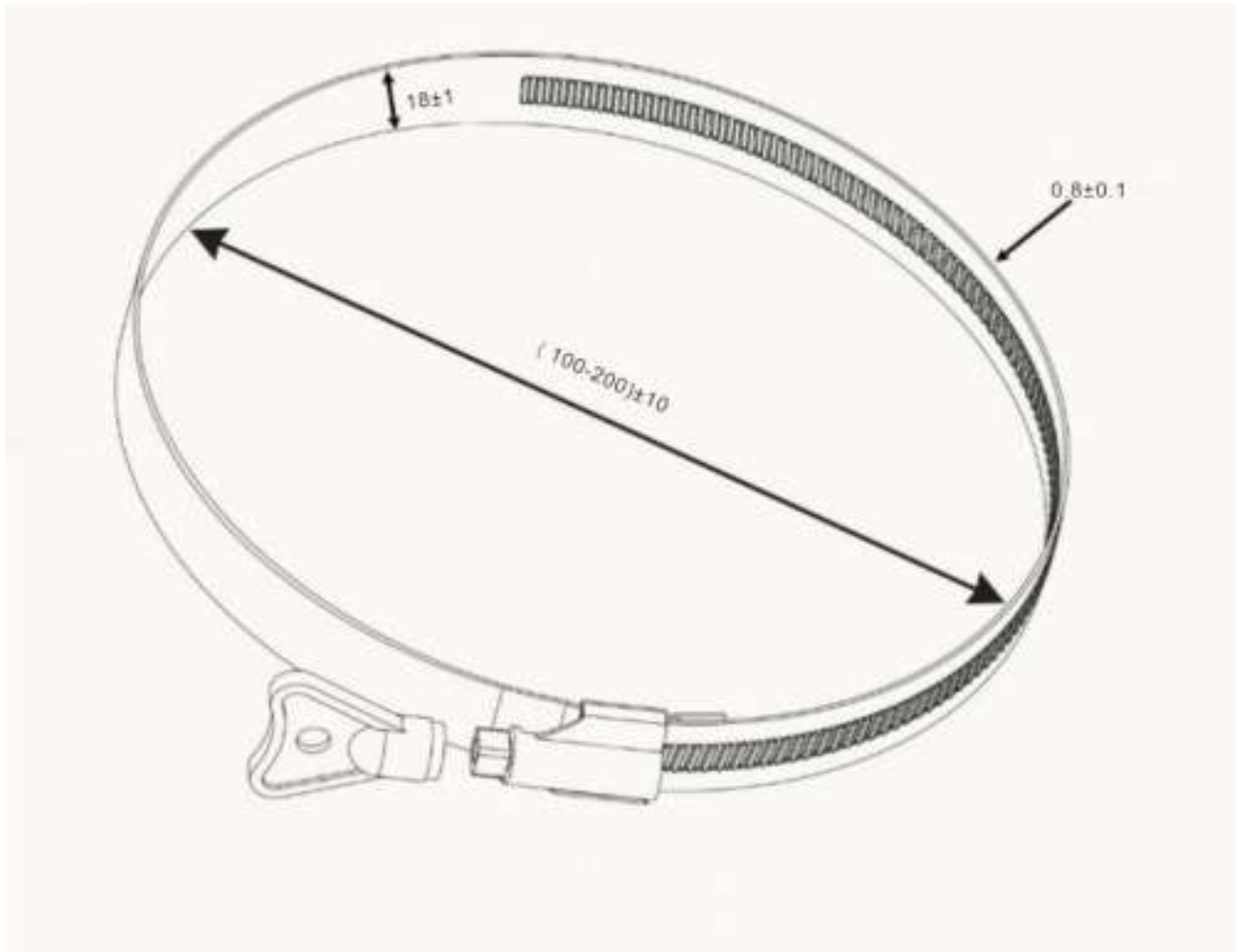
Product Number	DFHS-Hoop-02
Flat Steel Material	SUS304
Bolt Material	Q235
Plastic Handle	PP
Tensile Strength	5000 N
Ambient Temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h, and the corrosion area below 1%.

* Conventional parameters, can be customized according to customer requirements

C: Steel hoop with hook

DFHS-Hoop-02

Specification



Unit: mm

* Conventional parameters, can be customized according to customer requirements

DFHHP-02

Description

The spring buckle is a kind of optical fiber cable fittings. It is designed to tension, or suspension drop cable wire clamps or FTTH anchor clamps with suitable fiber optical cable in outdoor overhead FTTH network constructions.

Key Features:

- Easy installation , no require other tools
- Flexible layout of various use scenarios for clamp and hook
- Galvanized steel material, metal, corrosion resistant and durable
- High mechanical strength

Product image

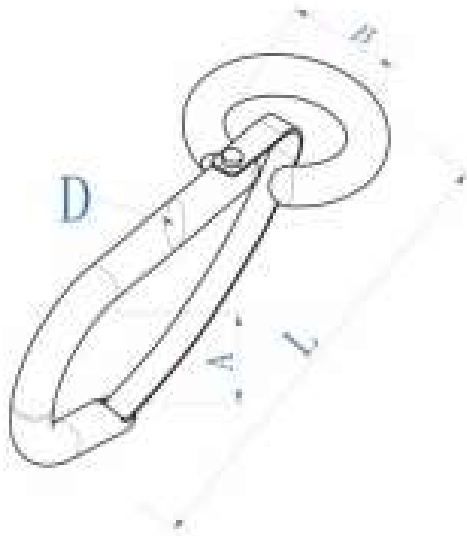


Technical Specifications

Product Number	DFHHP-02
Material	Q235 galvanized steel +organic coating
Break load strength	≥1200N
The salt spraying test	≥120hrs

* Conventional parameters, can be customized according to customer requirements

Dimensions



NO.	L	B	A	D
Length (mm)	75±5	16±2	16±2	6.5±0.5

* Conventional parameters, can be customized according to customer requirements

DFHSC-20

Description

The FTTH P shape hook is used on communication poles for setting anchoring clamp point.

It is designed to tension, or suspension drop cable wire clamps or FTTH anchor clamps with suitable fiber optical cable in outdoor overhead FTTH network constructions.

Key Features:

- Easy install and operate to save labor cost
- Apply with drop clamp on dead end route
- Can be installed wooden and building by screws
- High mechanical strength

Product image

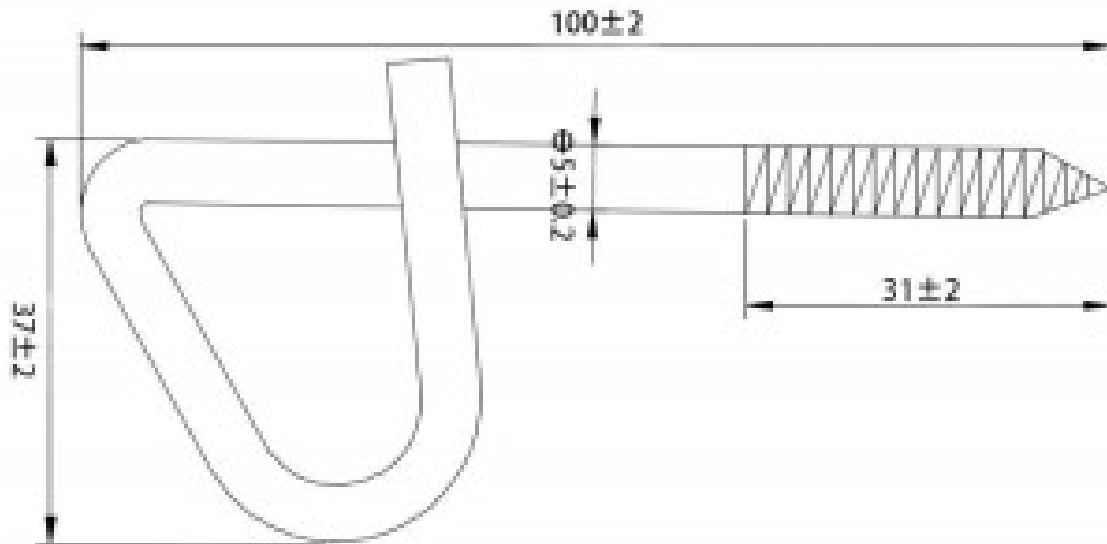


Technical Specifications

Product Number	DFHSC-20
Material	#195 round steel
Surface Treatment	Organic Coating
Break load strength	>1500 N
Salt spraying test	≥240hrs

* Conventional parameters, can be customized according to customer requirements

Dimensions



* Conventional parameters, can be customized according to customer requirements

H: Hook with nail

DFHS-Hook-05

Description

The hook is used to set an anchoring point on walls after nail both side on walls to provide a more powerful tensile strength.

It is designed to tension, or suspension drop cable wire clamps or FTTH anchor clamps with suitable fiber optical cable in outdoor overhead FTTH network constructions.

Key Features:

- Easy installation , only need screwdriver during application
- Flexible layout of various use scenarios for clamp and hook
- Salt straying test: >240hrs
- Tensile Strength:>1000N

Product image

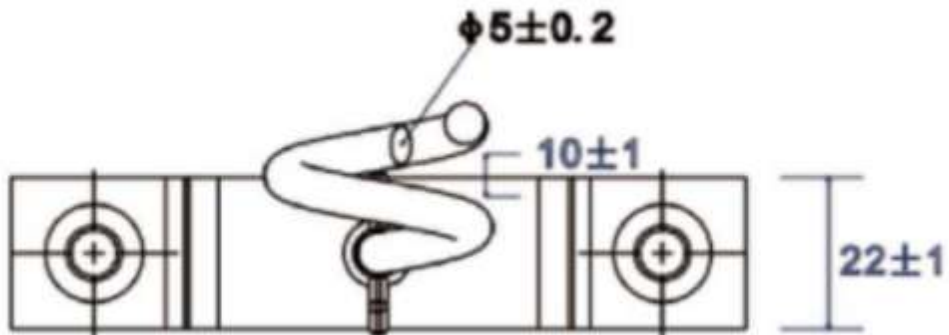
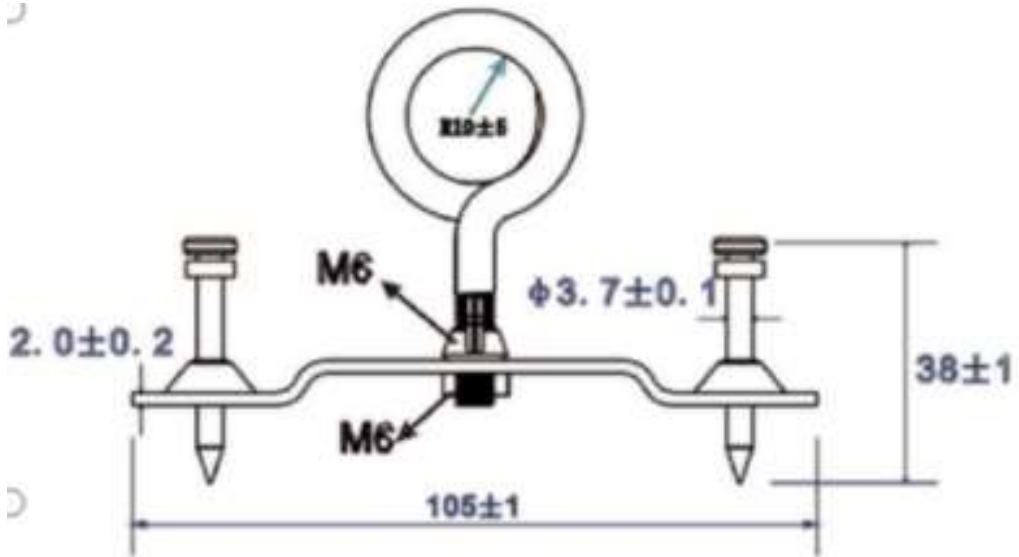


Material Specifications

Component name	Material
C ring hook	Q195+organic coating
Seat	SPCC+organic coating
Steel nail	Carbon steel
Positioning mat	PP

* Conventional parameters, can be customized according to customer requirements

Dimensions



Unit:mm

* Conventional parameters, can be customized according to customer requirements

More commonly used Hook and bracket

DFHSC-18

Description

The cable anchoring clamp bracket is designed to tension, or hook drop wire clamps with suitable fiber optical in outdoor overhead FTH network constructions.

Key Features:

- Apply with tension clamp on dead end route
- Compact size but with high mechanical strength
- Galvanized steel material , corrosion resistant and durable
- Can be installed wooden , metal , concrete poles or building by bolt or stainless-steel band
- Fixed by stainless steel band (20-10 mm) or four 4mm diameter bolts

Product image



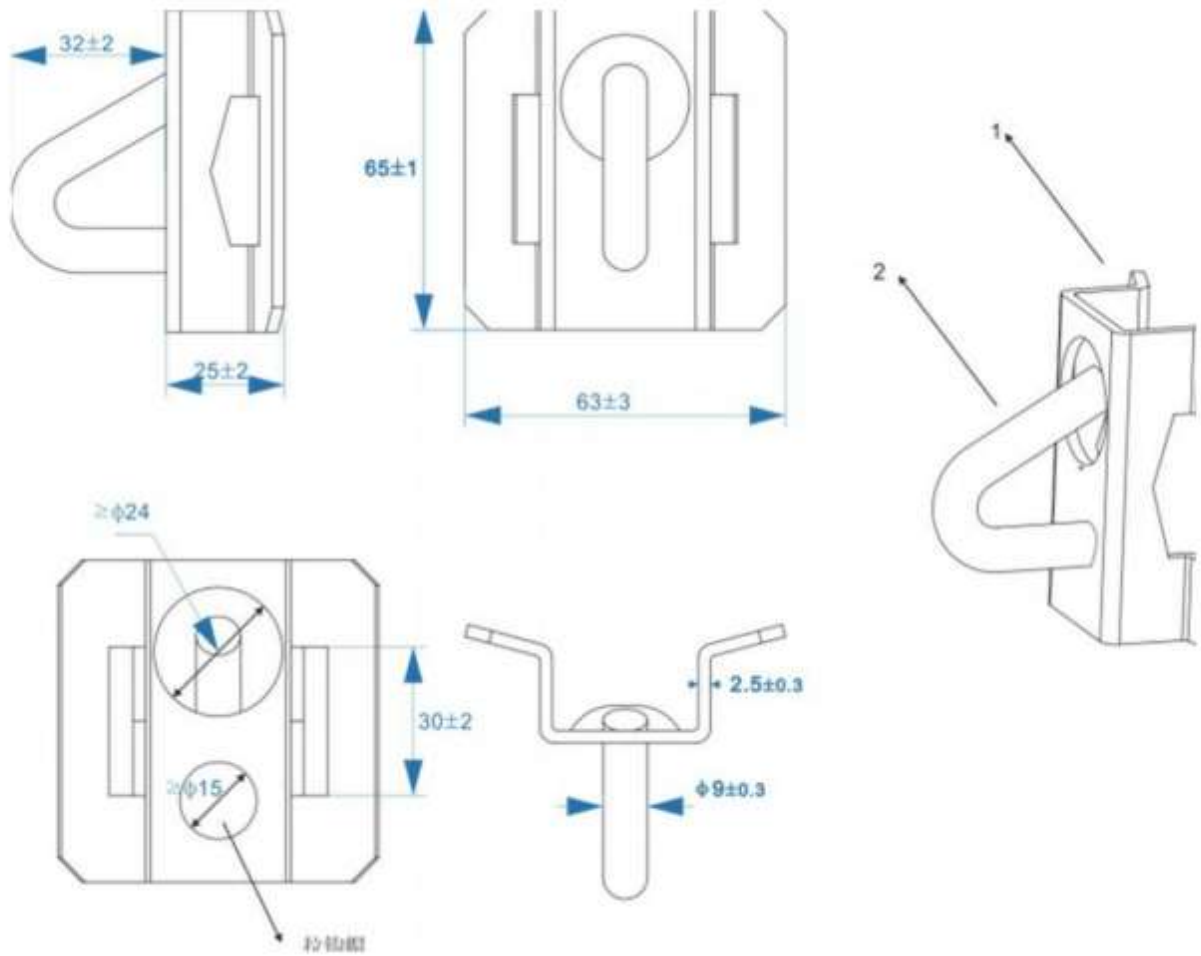
Technical Specifications

Product Number	DFHSC-18
Tensile Strength	>2500 N
Coating thickness	>10μm
Surface treatment	Zink Plating+Organic coating
Material	Cold roll steel
Corrosion resistance	Proceeding salt spray test according ISO 10289 Standard(ambient temperature:35°C, 5%NaCl solution(PH:6.5-7.2) is continuously atomized for 240h,and corrosion area below 1%)

* Conventional parameters, can be customized according to customer requirements

DFHSC-18

Dimension



* Conventional parameters, can be customized according to customer requirements

BP Hook

DFHS-Hook-07

Description

BP HOOK is used to set anchor points on the pole.

Key Features:

- Three fixation points
- Easy installation
- Stainless steel strapping application
- Pole Bolt and nut application
- High mechanical strength

Product image



Technical Specifications

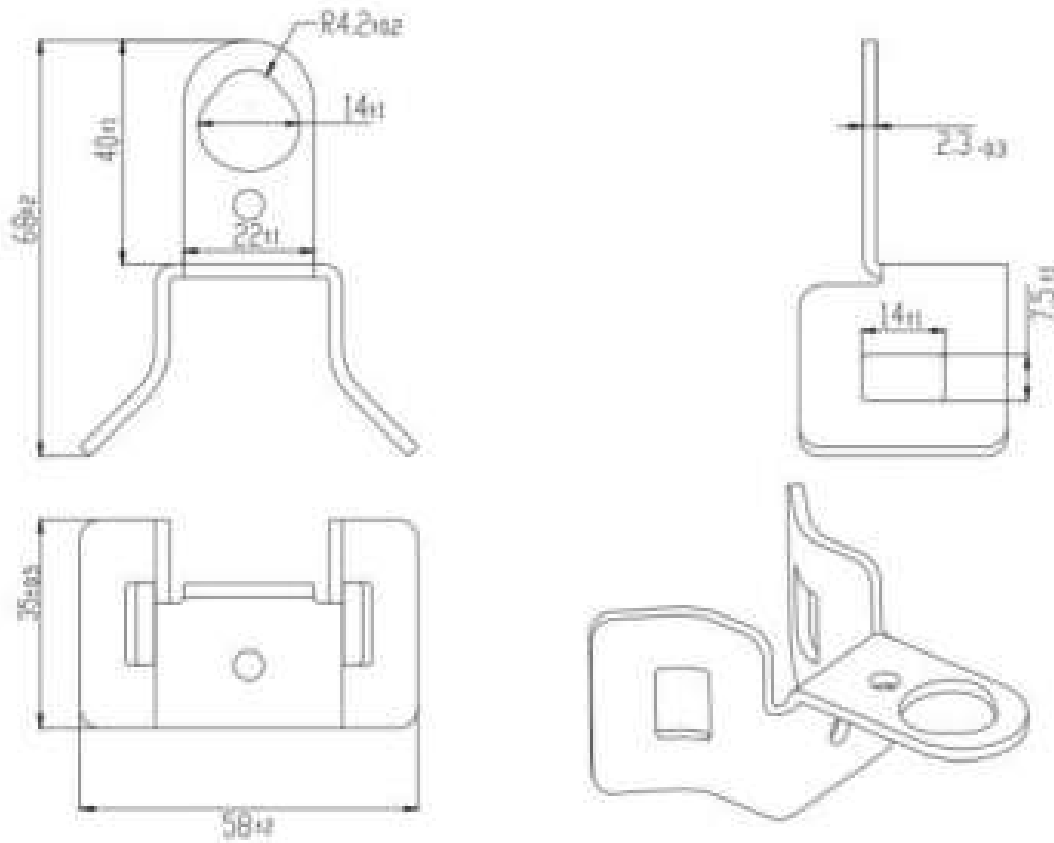
Product Number	DFHS-Hook-07
Break load strength	>2500 N
Material	SPCC,Steel
Surface Treating	Organic coating
Ambient temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h, and the corrosion area below 1%.

* Conventional parameters, can be customized according to customer requirements

BP Hook

DFHS-Hook-07

Dimension



Dimension



* Conventional parameters, can be customized according to customer requirements

More hooks and brackets can be found from us



* Conventional parameters, can be customized according to customer requirements

F: The steel wire suspension clamp

DFHSC-05

Description

The steel wire suspension is used to set a anchoring point on the steel wire to connect the drop cable clam.

It is designed to tension, or suspension drop cable wire clamps or FTTH anchor clamps with suitable fiber optical cable in outdoor overhead FTTH network constructions.

Key Features:

- Easy installation , no require other tools
- Flexible layout of various use scenarios for clamp and hook
- Galvanized steel material, metal, corrosion resistant and durable
- Break load strength: $\geq 800N$;
- The salt spraying test: $\geq 120hrs$

Product image



Material Specifications

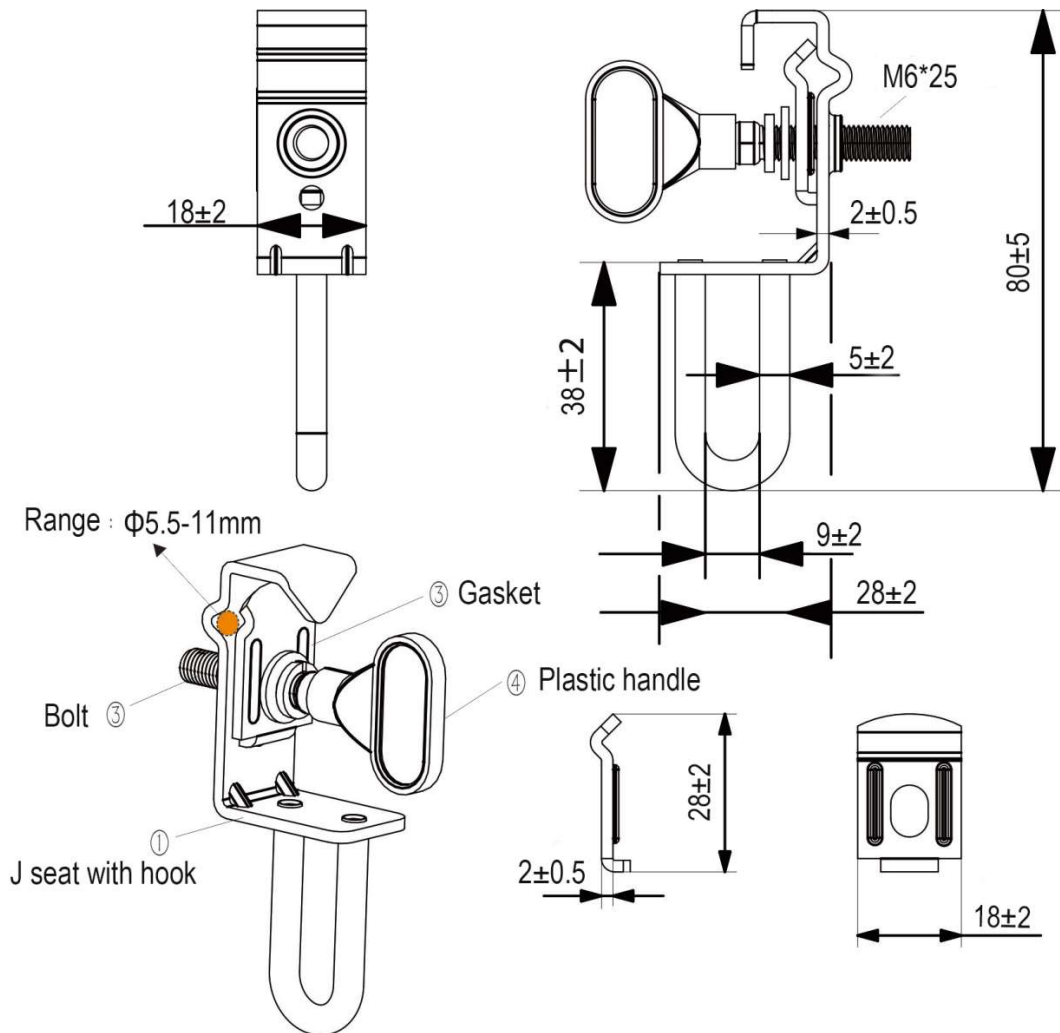
Component name	Material
Handle	PP plastic
J seat with hook	Q235 galvanized steel with organic coating
Gasket	SPCC galvanized steel with organic coating

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

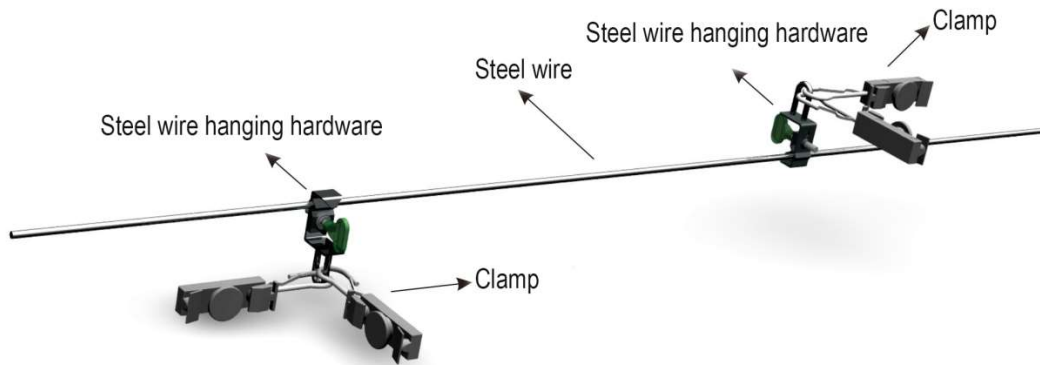
DFHSC-05

Dimensions



Unit:mm

Reference Pictures



* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHWCP-S13

Description

The ADSS suspension clamp is developed for to suspending and supporting 10-10.9mm ADSS cable in outdoor overhead FTH solutions . This optical fiber cable accessories can be installed on short spans at intermediate poles.

Key Features:

- Easy operating , no need other tools
- UV resistant plastic and galvanized steel , durable
- Applied with stainless steel bands and pole bolts
- High mechanical tensile strength

Product image



Technical Specifications

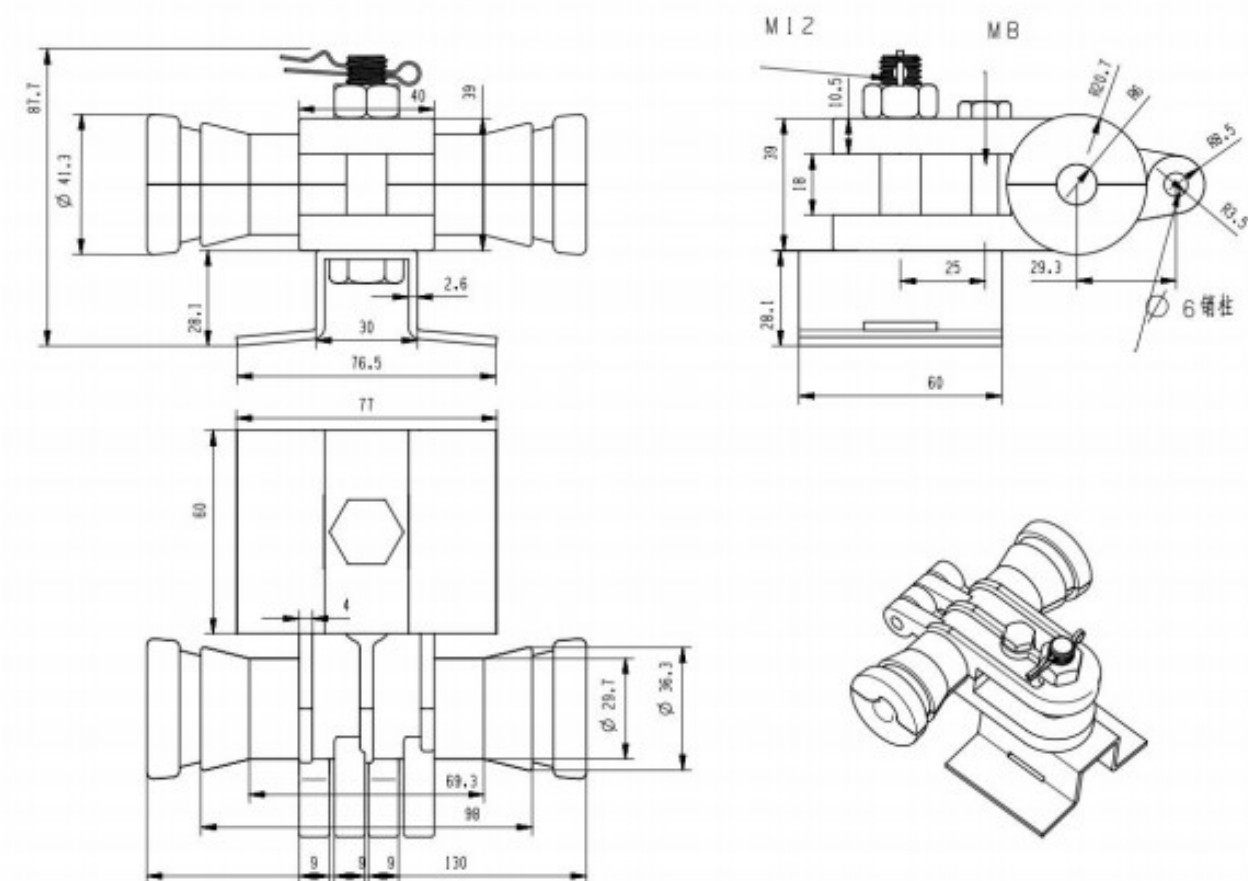
Product Number	DFHWCP-S13
Cable Size	10-10.9 mm ADSS cable
Tensile Strength	>6000N
The span	≤100m
Suspension Clamp Body Material	AL Alloy
Cushion Material	TPE

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHWCP-S13

Dimensions



Unit: mm

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHSC-01

Description

Used to attach strand to straight line pole. Features grooves for greater clamping area without damage to guy strand. Bolts have shoulders to prevent turning when nut is tightened.

Key Features:

- Accepts 3/16"(6M) to 1/2"(25M) strand
- Consists of two plates , and two 1/2" track bolts with attached nuts
- Plates are 1-11/16" wide and 5-3/4" long
- Center hole accepts 5/8" Thru Bolts
- Carton steel with hot dip galvanized
- High mechanical tensile strength

Product image



Technical Specifications

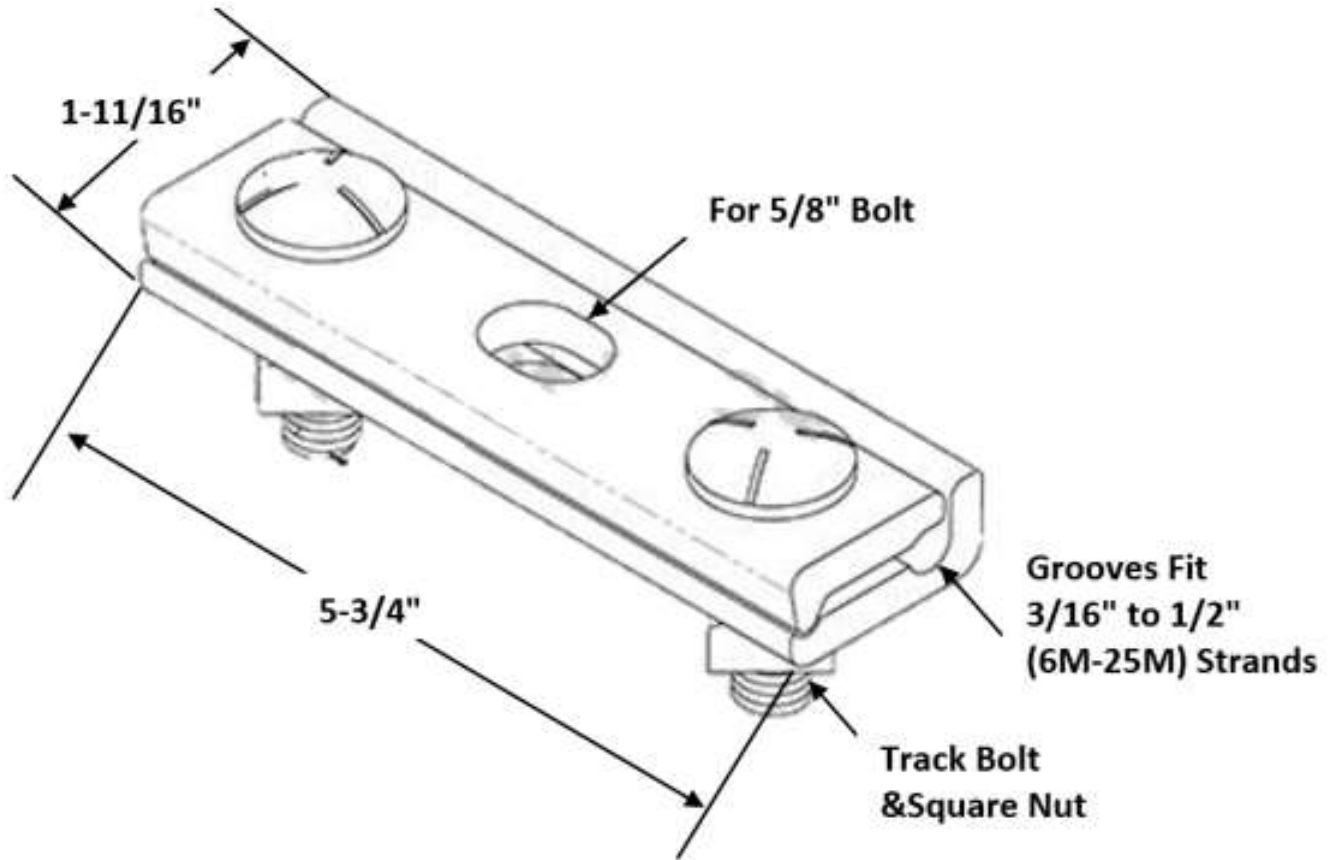
Product Number	DFHSC-01
Strand Size	3/16"(6M) to 1/2"(25M)
Material	Q235 Steel
Production Craft	Hot dip galvanized to meet ASTM Specification A153

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHSC-01

Dimensions



* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHSC-02

Description

Used to attach strand to straight line pole. Features grooves for greater clamping area without damage to guy strand. Bolts have shoulders to prevent turning when nut is tightened.

Key Features:

- Used for attaching strand to corner poles
- Accepts 1/4" (6.6m) to 7/16" (16m) strand
- Clamp consists of two mating plates, two 5/8"-11 track bolts with attached square nuts
- Clamp plates are 1-11/16" wide and 7-1/4" long.
- One plate is flared at each end to facilitate pulling strand through the clamp and has a substantial projecting lip to retain the strand in the grooves.
- The center hole on the Corner Suspension Clamp is for use with a 5/8" diameter bolt
- CATV Corner Suspension Clamps are for use with a 5/8" diameter bolt
- Hot dip galvanized to meet ASTM Specification A153.

Product image



Technical Specifications

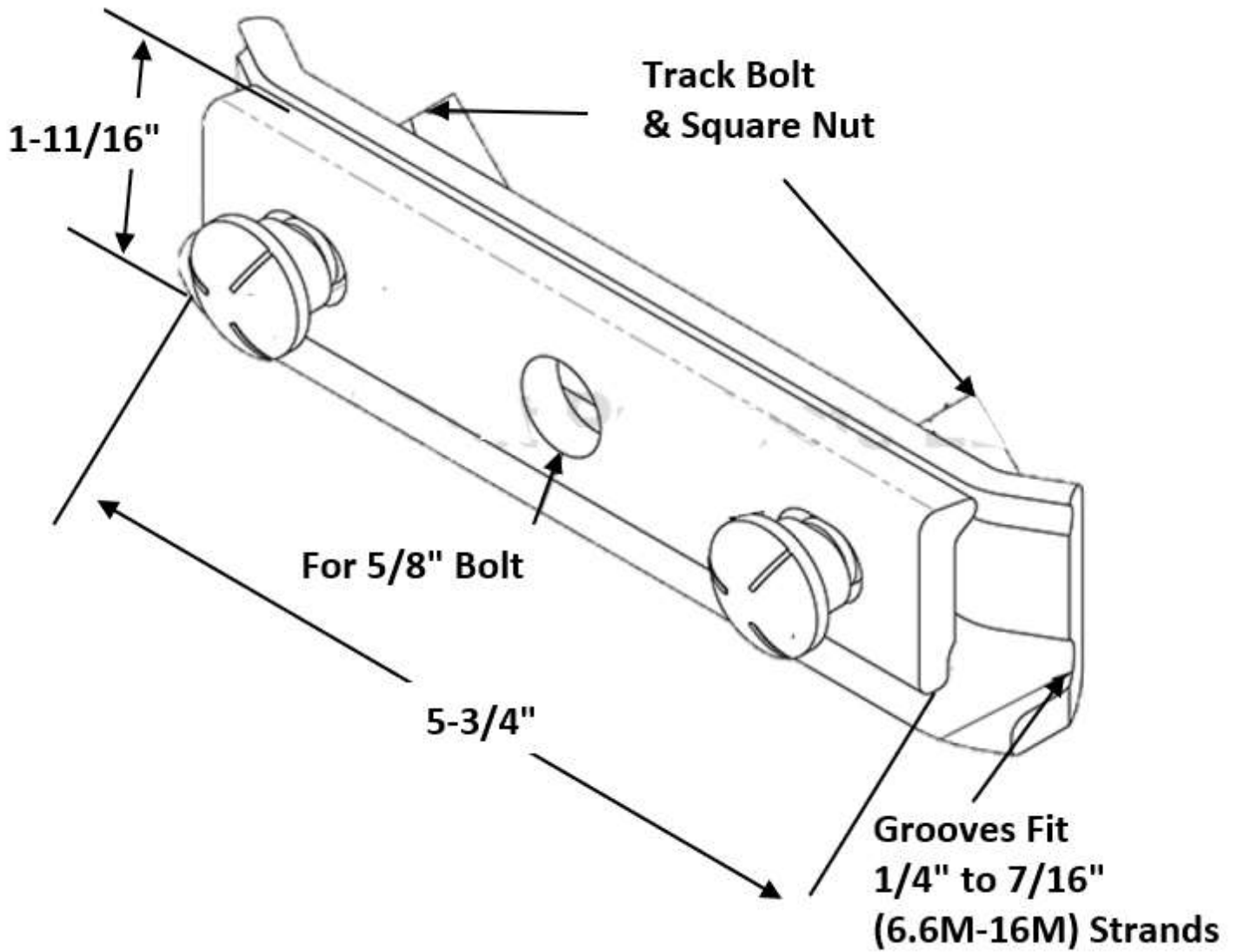
Product Number	DFHSC-02
Strand Size	1/4" (6.6m) to 7/16" (16m)
Material	Q235 Steel or Q195 Steel
Production Craft	Hot dip galvanized to meet ASTM Specification A153

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHSC-02

Dimensions



* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHSC-03

Description

DFHSC-03 is used in aerial construction to secure terminating lashing wire or ground wire to a strand

Key Features:

- Used in aerial construction to secure terminating lashing wire or ground wire to a strand
- Tensile strength of the jaws exceeds 50,000 PSI
- Terminal ends of stud are staked to prevent disassembly during shipping and installation
- Attaches to strand ranging in size from 1/4"(6.6M) to 7/16"(16M).
- The jaws are rolled and stamped from Q235 Steel.
- The stud of the D Cable Lashing Clamp is formed from Grade 5 Steel.
- All components of D Cable Lashing Clamps are mechanically galvanized to meet ASTM Specification B695.
- The Stainless Steel Lashing Clamp is comprised of a stud, two washers, and two nuts manufactured in 304 Stainless Steel, along with a set of mechanically galvanized steel jaws

Product image



Technical Specifications

Product Number	DFHSC-03
Strand Size	1/4" (6.6m) to 7/16" (16m)
Material	Q235 Steel +304 Steel
Production Craft	Hot dip galvanized to meet ASTM Specification B695

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHSC-28

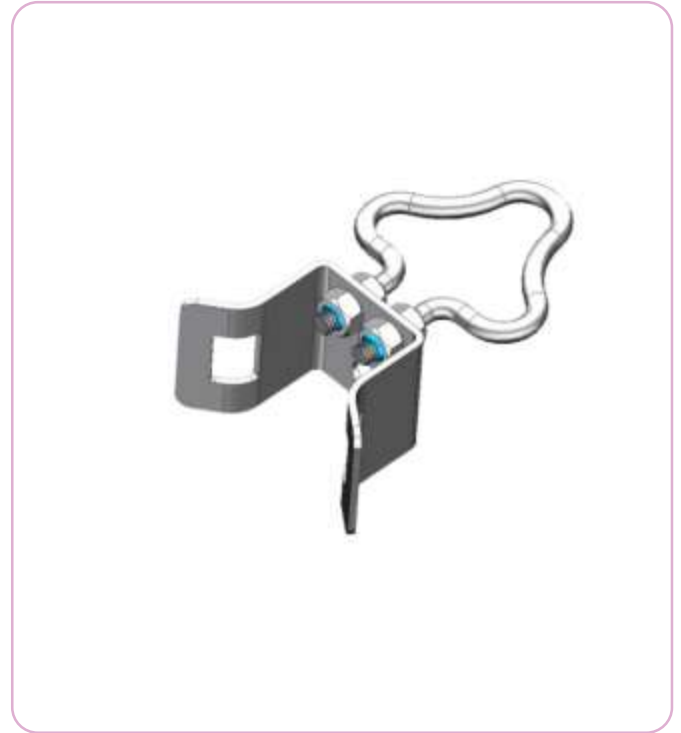
Description

This Clamp Ring with Hook is used for setting an anchor point on the pc

Key Features:

- Carton steel with hot dip galvanized
- High mechanical tensile strength
- Well break load strength

Product image



Technical Specifications

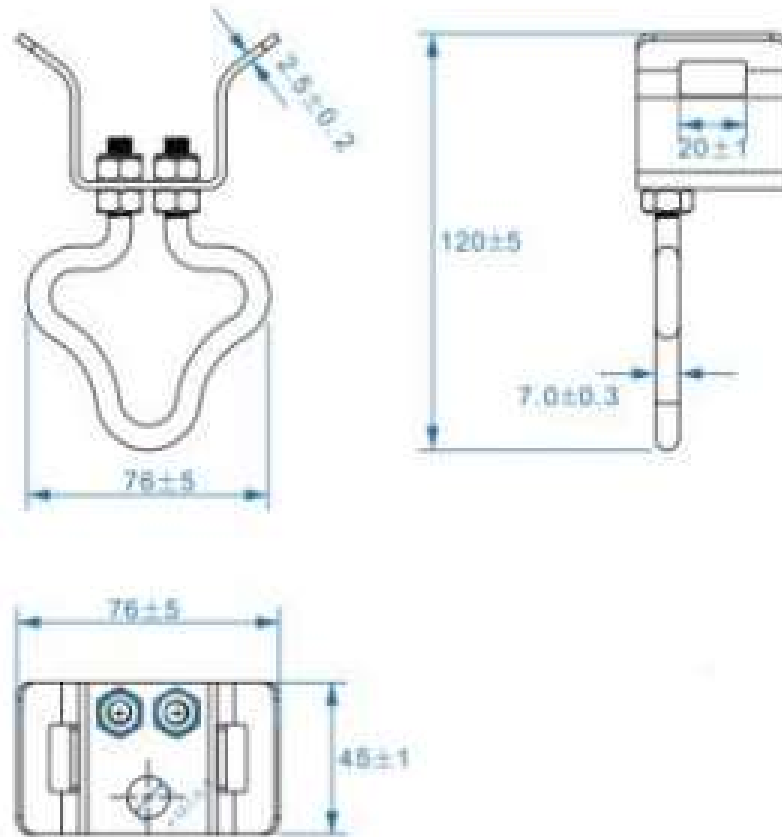
Product Number	DFHSC-28
Break load strength	>4000N
Material	SUS304+SPCC
Ambient temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h, and the corrosion area below 1%.

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHSC-28

Dimensions



Unit: mm

* Conventional parameters, can be customized according to customer requirements

**More suspension
clamps can be found
from us**

Universal pole bracket



L: Wall fixture

DFHS-Hook-06

Description

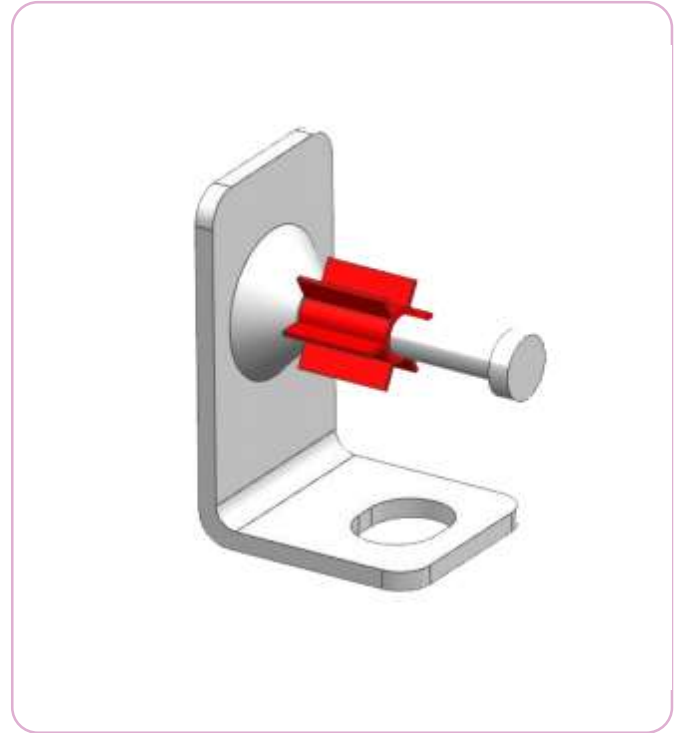
The wall fixture is used to set an anchoring point on walls after nail on walls.

It is designed to tension, or suspension drop cable wire clamps or FTTH anchor clamps with suitable fiber optical cable in outdoor overhead FTTH network constructions.

Key Features:

- Easy installation , only need screwdriver during application
- Flexible layout of various use scenarios for clamp and hook
- High mechanical strength

Product image



Technical Specifications

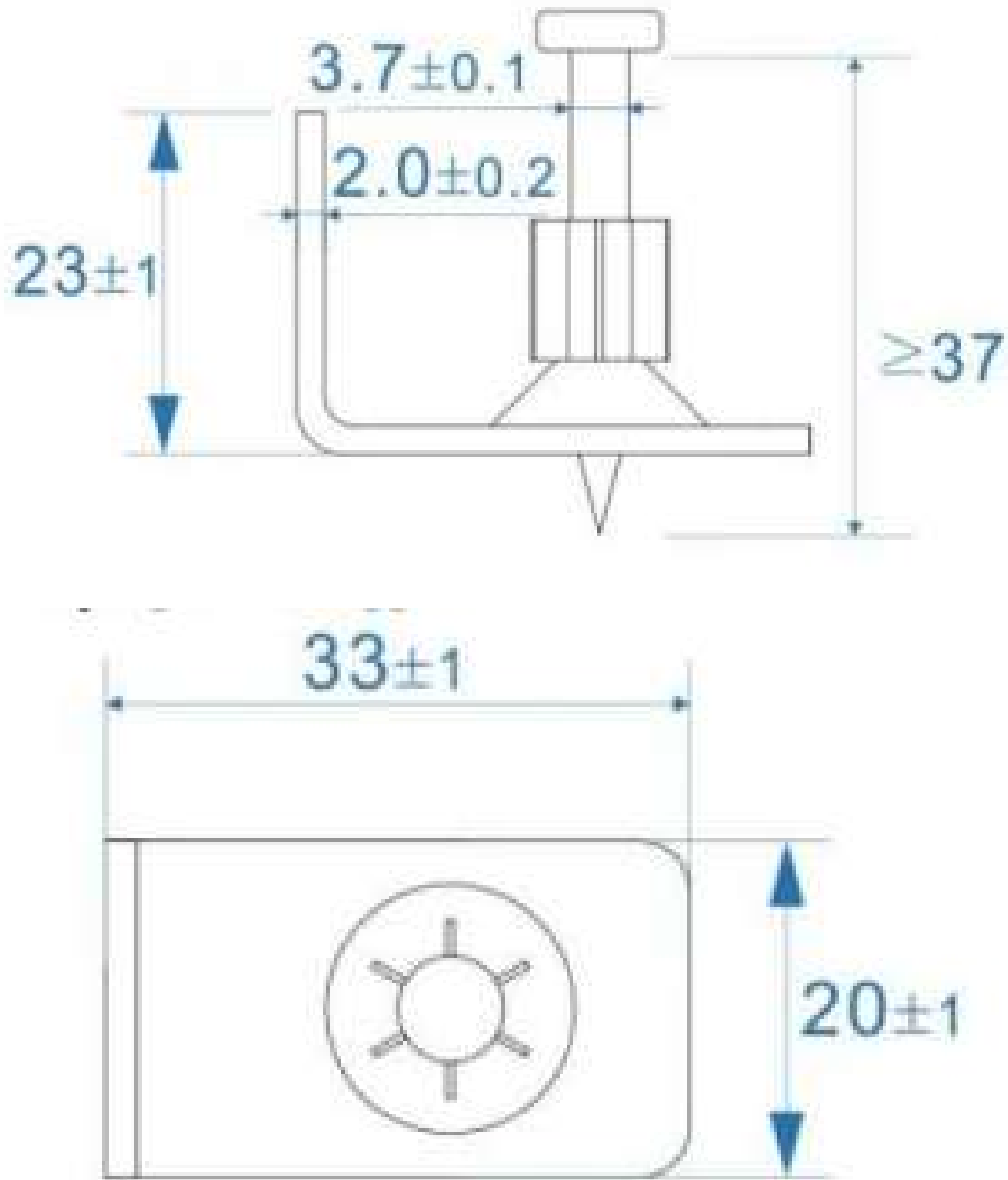
Product Number	DFHS-Hook-06
Tensile Strength	>300 N
L type hook Material	Q195+organic coating
Steel nail	Carbon steel
Ambient Temperature	35°C, 5% NaCl solution(PH:6.5-7.2) is continuously atomized for 240h (The steel nail is >= 24h), and the corrosion area below 1%

* Conventional parameters, can be customized according to customer requirements

More commonly used wire suspension

DFHS-Hook-06

Dimensions



* Conventional parameters, can be customized according to customer requirements

DFSSLC1.143

Description

DFSSLC1.143 is used in a lasher to lash an aerial cable or combination of cables to a supporting strand.

Key Features:

- More resistant to the corrosive action of most chemicals, including chlorides and sulfides, than any other wire
- Particularly resistant to pitting and pin hole corrosion of the kind commonly caused by salt spray
- Its use provides the best insurance against failure under the most severe atmospheric conditions

Product image



Technical Specifications

Product Number	DFSSLC1.143
Tensile Strength	>800 N
Material	316 stainless steel
Diameter	$\varphi 1.143 \pm 0.1 \text{mm}$
Working environment	Working temperature: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$; Relative humidity: $\leq 95\%$ ($+40^{\circ}\text{C}$)

* Conventional parameters, can be customized according to customer requirements

More commonly used fixture or Fastener

Bolts with nuts and washers

Description

Bolt with nuts is used for fastening pole line hardware to crossarms, poles, and other structures

Key Features:

- Easy installation , only need screwdriver during application
- Galvanized carbon steel or stainless steel, corrosion resistant and durable
- High mechanical strength

Product image



Technical Specifications

Product Number	Thread Spec	Length , inch	Materials
DFHBB-01 with nut	5/8"	10"	Galvanized carbon steel
DFHBB-02 with nut	5/8"	12"	Galvanized carbon steel
DFHBB-04 with nut	5/8"	16"	Galvanized carbon steel
DFHBB-05 with nut	5/8"	18"	Galvanized carbon steel
DFHBB-06 with nut	5/8"	20"	Galvanized carbon steel
DFHBB-10 with nut and washer	7/16"	1.5"	Stainless steel
DFHBB-11 with nut and washer	7/16"	1.8"	Stainless steel

* Conventional parameters, can be customized according to customer requirements

I: Double strands card slot

Description

The double strands card slot is a kind of optical cable fittings, and it is used to hold the drop cable along the wall after nail it. In FTTH tail installation, it is widely used to solve the cabling on outdoor wall.

Key Features:

- Easy installation , only need screwdriver during application
- Flexible layout of various use scenarios for clamp and hook
- Galvanized steel material, and the plastic part is ABS
- UV resistant for ABS part, durable

Product image



Technical Specifications

Product Number	Tensile Strength
DFHSC-08	≥50 N

* Conventional parameters, can be customized according to customer requirements

J: Helical strand wire

Description

The helical strand wire, other called preformed guy grip or dead-end guy grip is developed to grip and tension ADSS cable during construction of internet network lines on wooden or concrete poles, as analogy of classical wedge type tension clamps

Key Features:

- Easy operation, no need other tools
- Made of hot dip galvanized steel, weather resistant
- With sand and glue to improve friction between cables
- Customized products is available upon requests
- High tensile strength

Product image

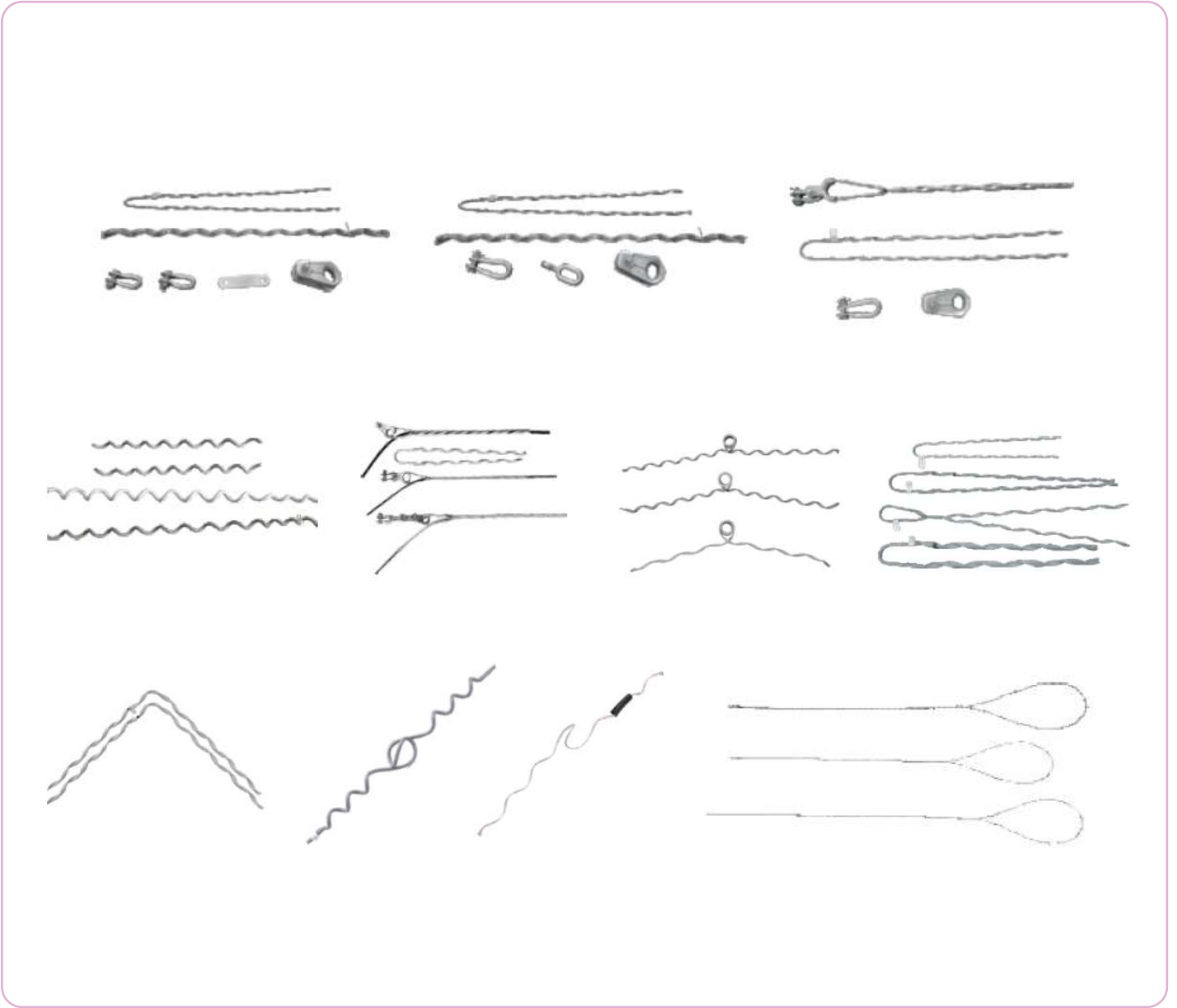


Technical Specifications

Product Number	ADSS Cable size, mm	Wires configuration	Length, mm	Tensile Strength, KN
DFHDES2X3	4.4-4.9	2.0 * 3	450	0.5~2
DFHDES2X4	8.5-9.4	2.0 * 4	450	4~7
Product Number	Strand rope, mm ²	Wires configuration	Length, mm	Tensile Strength, KN
DFHDES3X6	90	3.0 * 6	960	100
DFHDES3X5	38	2.8 * 5	660	42
DFHDES2X3-02	35	2.0 * 3	430	8
DFHDES2.5X5	30	2.5 * 5	610	32

* Conventional parameters, can be customized according to customer requirements

More helical strand wire can be found from us





02

DF ECO Version

A: Wedge Clamp

DFHWCP-01-L

Description

DFHWCP-01-L is used to hold 2-8 mm cable.

Key Features:

- Good anti-corrosion performance.
- High strength.
- Abrasion and wear resistant.
- Durable.
- Easy installation.
- Removable.
- The dimpled shims protect cable jacket from being damaged.

Product image



Technical Specifications

Product Number	DFHWCP-01-L
Round cable diameter	Φ2-8mm cable
Weight	31 g
Materials	PA6
Tensile Strength	≤600N
Size	230*20*15mm

* Conventional parameters, can be customized according to customer requirements

B: S type clamp

DFHWCP-S09-L

Description

The wire clamp consists of two parts: stainless steel 201 material retractor and reinforced nylon material body. When we produce nylon material, we can make material formula according to customer's tension requirements. We can reach 0.5kN for all kinds of tension requirements. As for metal hook, we also have special shape design to meet the different use environment of customers. The product is mainly used in FTTH butterfly cable, which has very strong tensile force and good corrosion resistance and high temperature resistance and high toughness. We will provide you with the most professional product performance support to meet your requirements.

Key Features:

- Strong UV protection
- High corrosion resistance
- Flexible tension choice of 0.5kN
- Metal hook Available in various shapes

Technical Specifications

Product Number	DFHWCP-S09-L
Application Span	≤70 m
Tensile Strength	>500N
Materials	PA + 201 stainless steel
Flat cable size	2.0 * 3.0 or 2.0*5.0mm

Product image

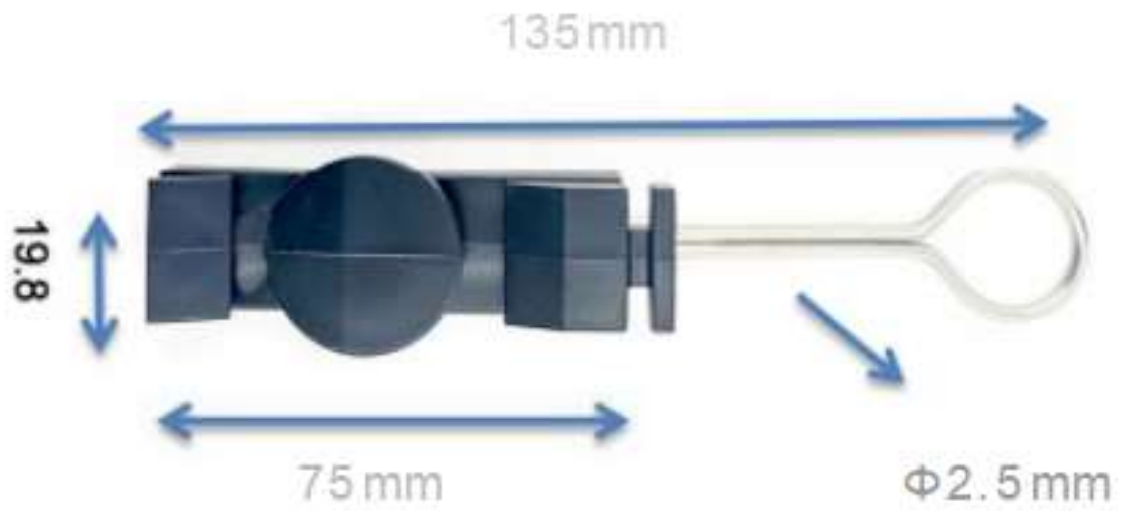


* Conventional parameters, can be customized according to customer requirements

B: S type clamp

DFHWCP-S09-L

Dimensions



* Conventional parameters, can be customized according to customer requirements

DFHWCP-S14-L

Description

DFHWCP-S14-L is used to hold 10-14mm ADSS round cable.

Key Features:

- Material: The product is made of aluminum alloy wedge clamp, aluminum ending, PA sliders, plastic sheath and stainless steel wire.
- Appearance: Complete shape, smooth surface and no other defects;
- Break load strength $\geq 6500\text{N}$;
- The salt spraying test $\geq 120\text{hrs}$

Product image



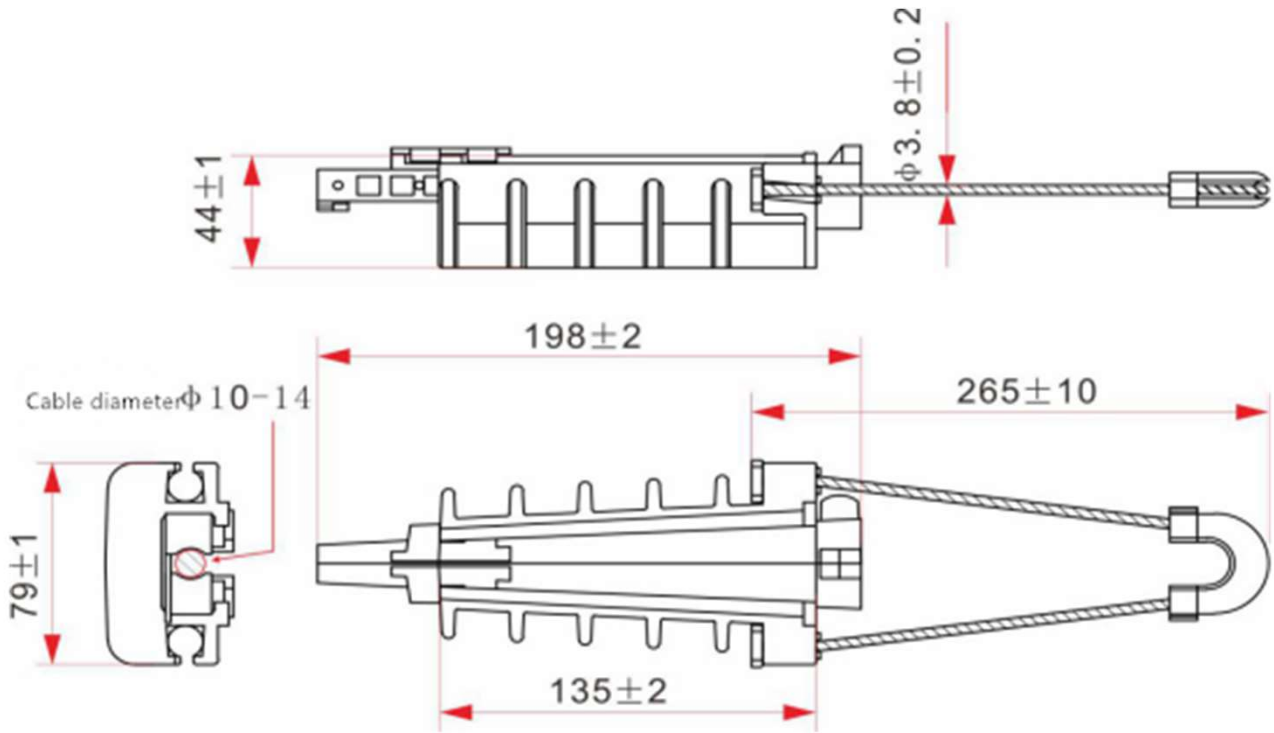
Technical Specifications

Component name	Material
PA wedge base	Aluminum alloy
PA slider	PA6 plastic
Steel wire	SUS304
Sheath	PA6 plastic
Ending	Aluminum alloy

* Conventional parameters, can be customized according to customer requirements

DFHWCP-S14-L

Dimensions



Reference Pictures



* Conventional parameters, can be customized according to customer requirements

C. Tension Clamp

DFHSC-35-1

Description

This clamp is used to secure 3-5mm round drop cable in application on the pole

Key Features

- Hand installation , no request other tools
- UV resistant polymer stainless steel material guarantee long period usage
- Self- adjustable wedge , enough to keep cable in tight strength position

Product image



Technical Specifications

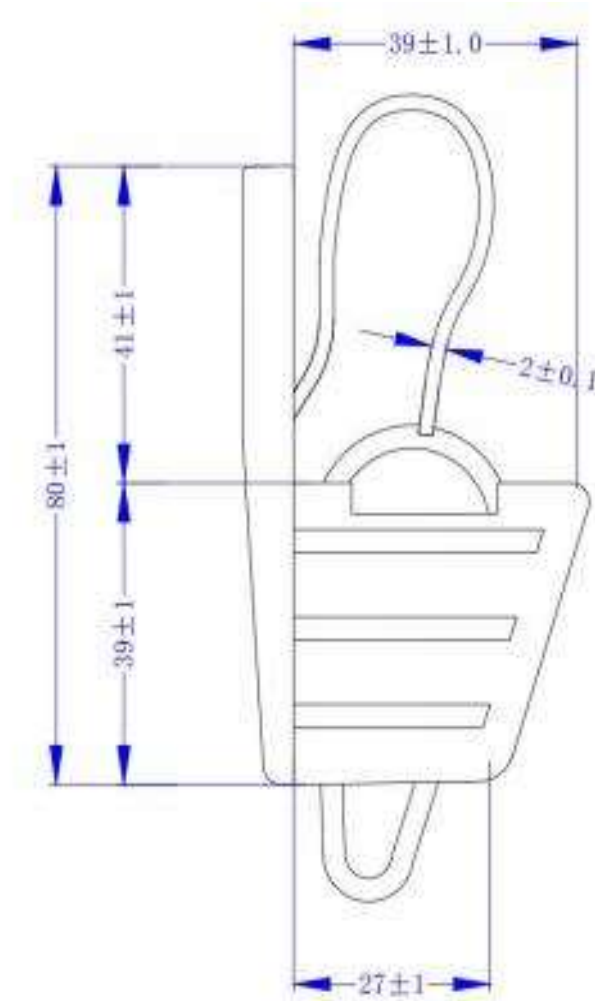
Product Number	DFHSC-35-1
cable size	3-5 mm round cable
Application Span	≤70 m
Tensile Strength	>600 N
Materials	PA + Q195

* Conventional parameters, can be customized according to customer requirements

C. Tension Clamp

DFHSC-35-1

Dimension



Unit: mm

* Conventional parameters, can be customized according to customer requirements

DFHSC-04-L

Description

DFHSC-04-L is used in drop cable installations as an attachment to strand for either accepting the bail of drop wire clamps, or for wrapping the support wire of drop cable

Key Features:

- Clamp consists of a set of AL jaws, a 5.7mm diameter "pig-tail" bolt, and a hex nut
- Attaches to strand size is 1/4"
- The clamp are made of aluminium alloy
- All components are mechanically Dracomet surface treatment
- Threads are staked to prevent loss of nut during installation

Product image

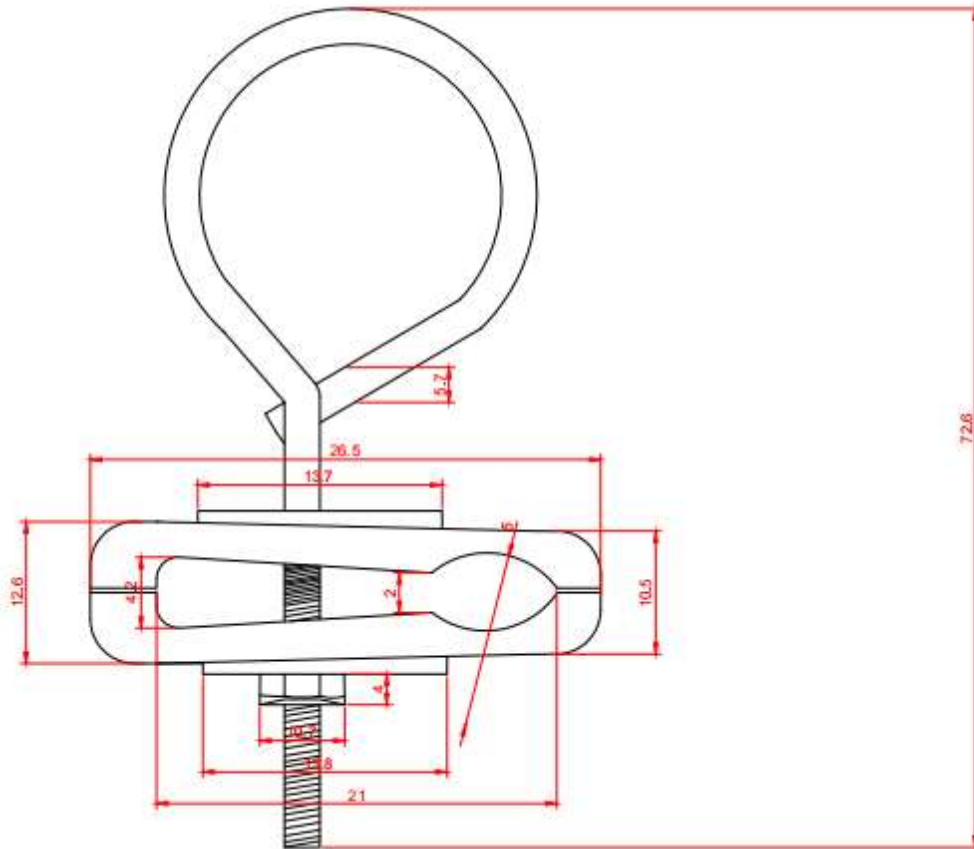


Technical Specifications

Product Number	DFHSC-04-L
Break load strength	>2000N
Material	Aluminium alloy
Coating	All components are mechanically Dracomet surface treatment

* Conventional parameters, can be customized according to customer requirements

Dimensions



Unit: mm

* Conventional parameters, can be customized according to customer requirements

DFHSC-06-L

Description

DFHSC-06-L is used to secure a terminating lashing wire to the strand

Key Features:

- Used to secure a terminating lashing wire to the strand
- Comprised of a one-piece jaw, two washers, two nuts, and a square shank stud
- Terminal ends of stud are staked to prevent disassembly during shipping and installation
- The jaws are stamped for Q235
- The nuts and washers are formed from carbon steel
- All components are Dacromet surface treatment

Technical Specifications

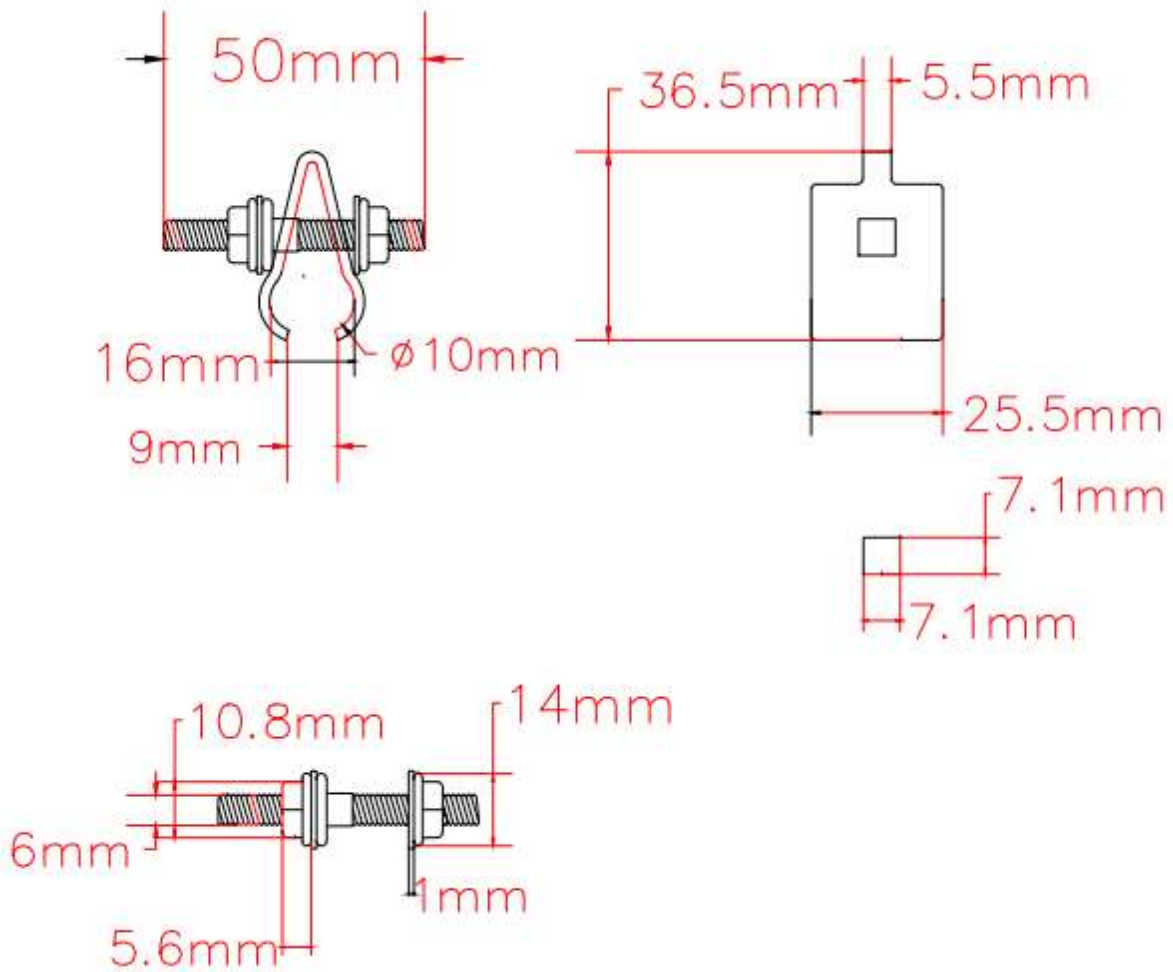
Product Number	DFHSC-06-L
Break load strength	>2000N
Material	Q235 steel
Coating	All components are mechanically Dacromet surface treatment

Product image



* Conventional parameters, can be customized according to customer requirements

Dimensions



* Conventional parameters, can be customized according to customer requirements

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Defang Technology