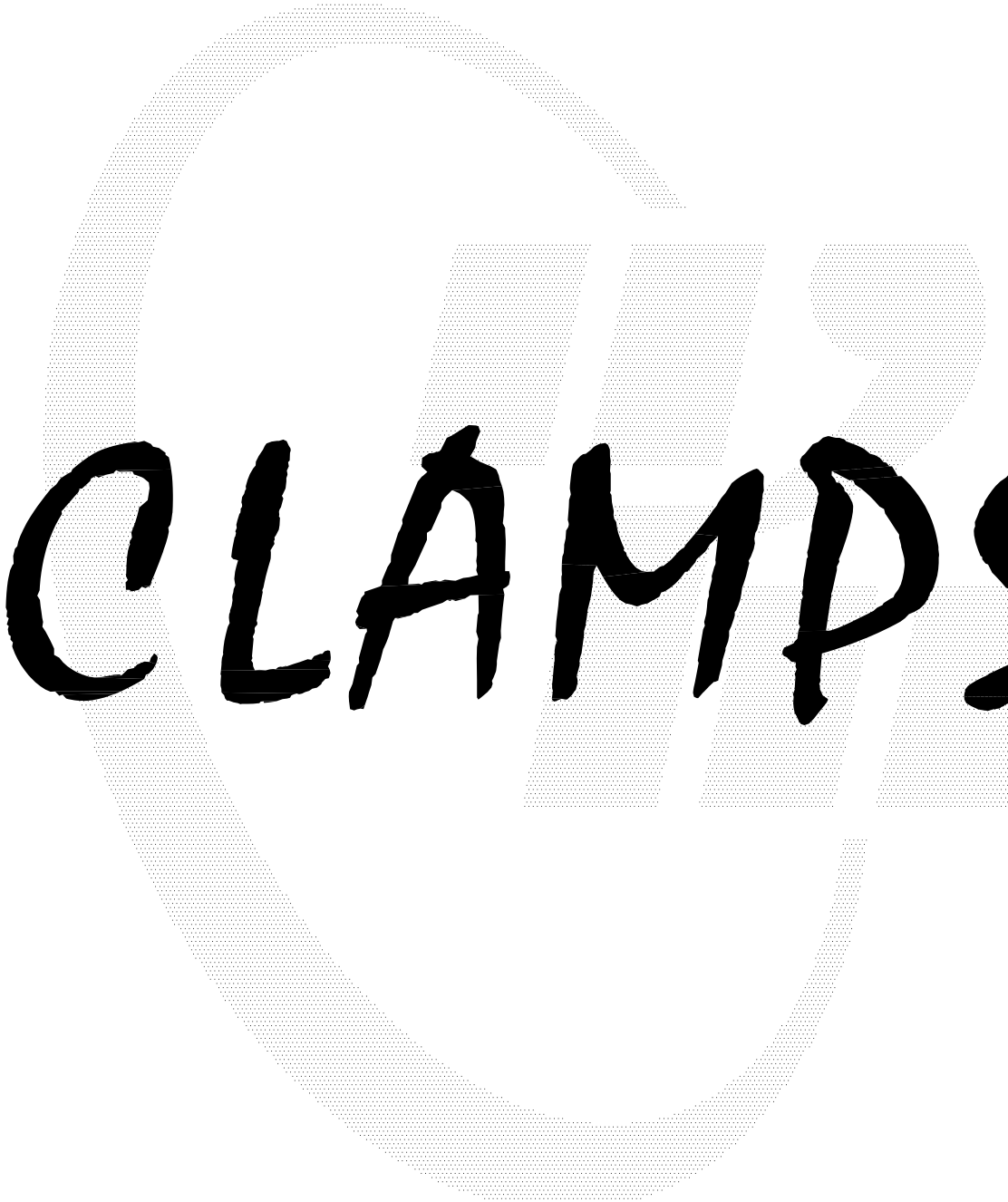




CLAMPS

YARAGH AVARAN POOYA ENGINEERING COMPANY (YAP Co.)

PREPARED BY: KH.HOSSEINI

DATE: 1 JAN 2008

(REVISION ONE)

<i>PAGE</i>	<i>DESCRIPTION</i>
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3/1-3/11	COUPLERS
4/1-4/3	EARTHING POINTS
5/1-5/5	SINGLE DUPLEX ELBOWS
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A-Frames

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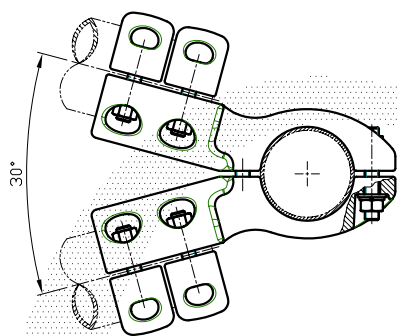
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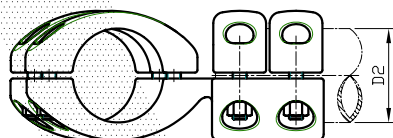
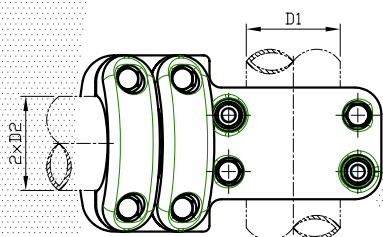
Yaragh Avaran Pooya(Y.A.P)

A-Frames



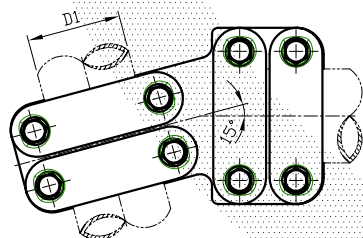
Upper A-Frame

Catalogue.No	D1	D2
A3 D1 D2 01	(50.....250)	(50.....250)



Lower A-Frame

Catalogue.No	D1	D2
A3 D1 D2 02	(50.....250)	(50.....250)



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



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Yaragh Avaran Pooya(Y.A.P)

End Caps+Stopper+Welding Joint

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WITHOUT DAMPING WIRE

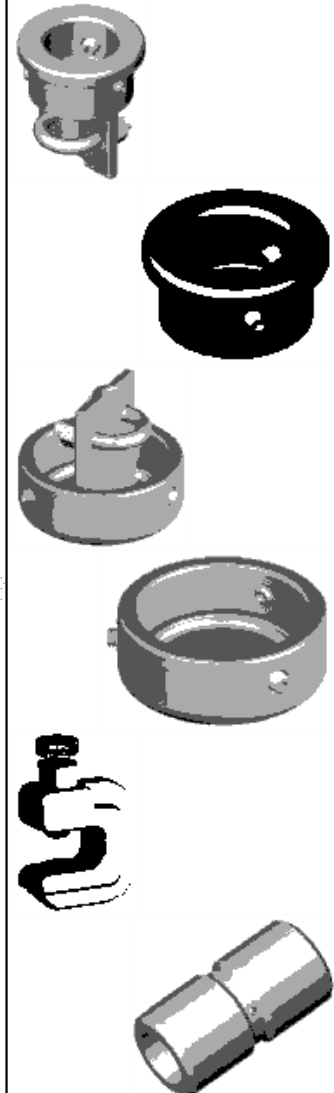
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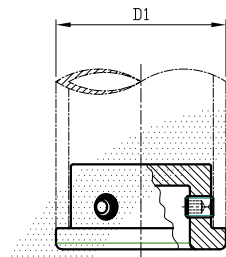
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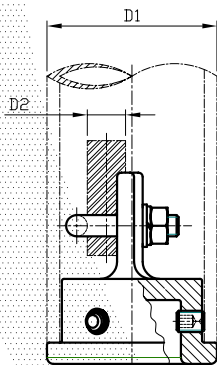
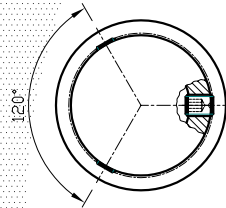
Yaragh Avaran Pooya(Y.A.P)

End Caps



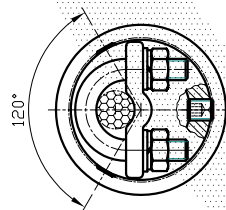
Internal end cap without damping wire

Catalogue.No	D1
E3 D1 01	(50.....250)



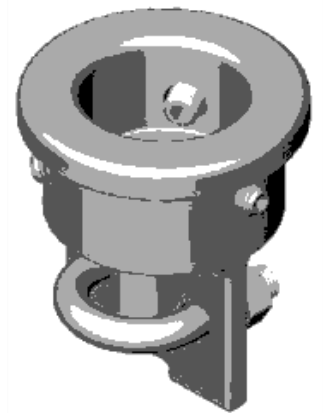
Internal end cap with damping wire

Catalogue.No	D1	D2
E3 D1 D2 01	(80.....250)	[(12-19)....(36-42)]



Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



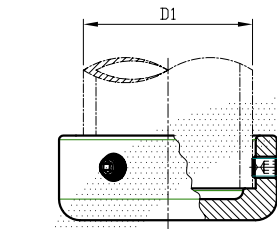
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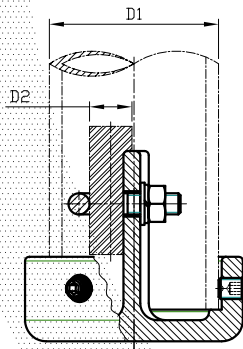
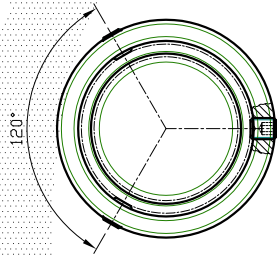
Yaragh Avaran Pooya(Y.A.P)

End Caps



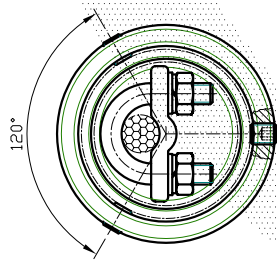
External end cap without damping wire

Catalogue.No	D1
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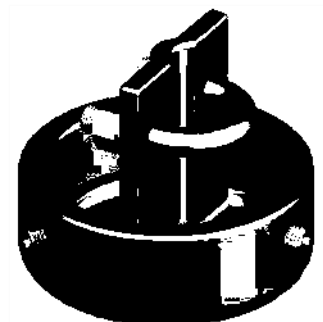
External end cap with damping wire

Catalogue.No	D1	D2
E3 D1 D2 02	(80.....250)	[(12-19)....(36-42)]



Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



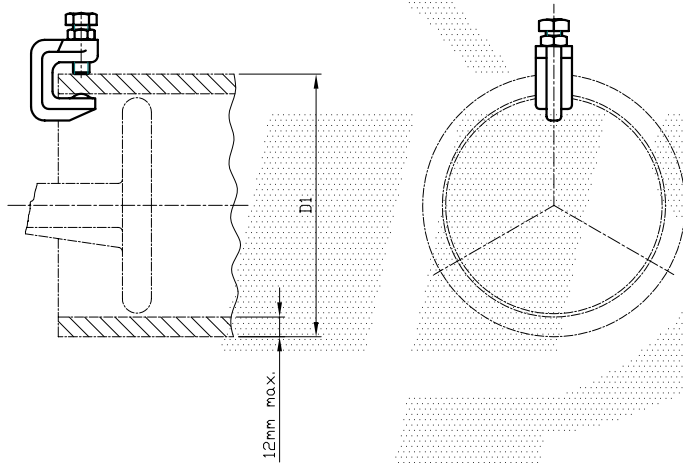
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Stopper

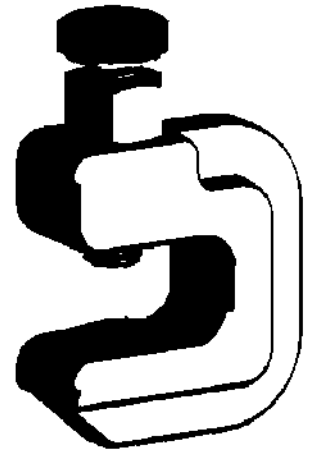


Stopper

Catalogue.No	D1
E3 D1 03	(50.....250)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



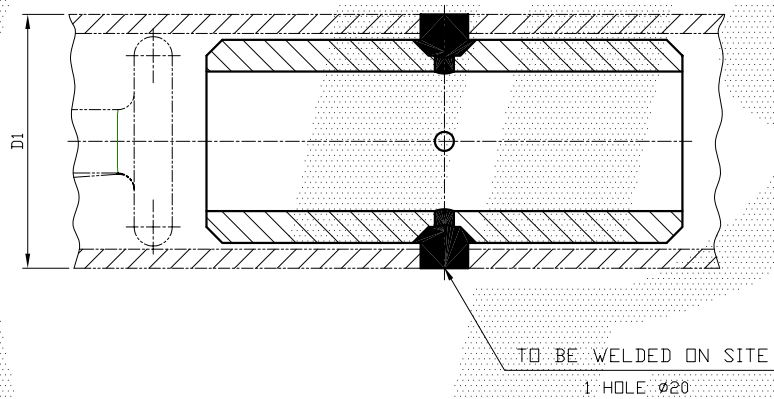
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Welding Joint



Without damping wire

Catalogue.No	D1
E3 D1 04	(50.....250)



Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

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Yaragh Avaran Pooya(Y.A.P)

Couplers

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VERTICAL COUPLERS

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VERTICAL COUPLERS

TUBE TO (WIRE/STUD)

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VERTICAL COUPLER+ANGLE COUPLER

TUBE TO TUBE

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SINGLE (DUPLEX/TRIPLEX) COUPLERS

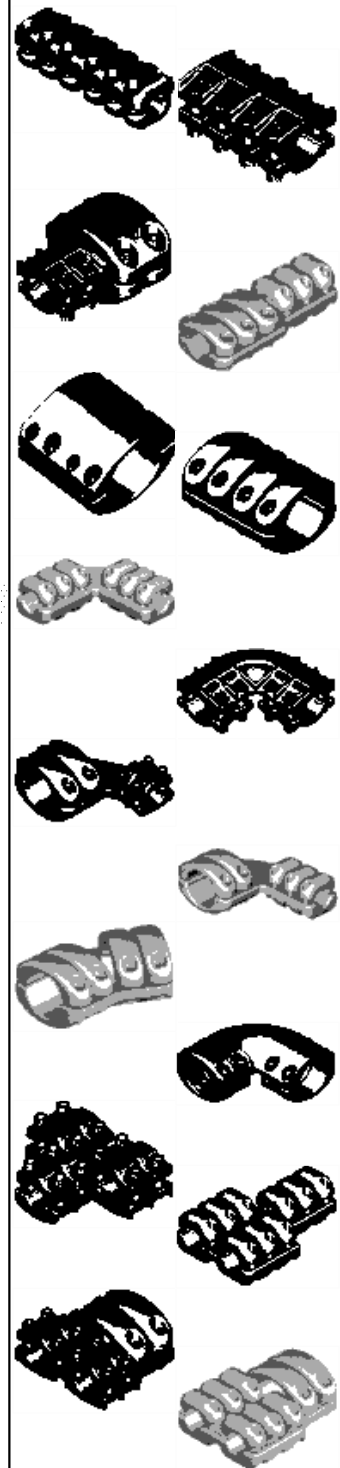
(WIRE/STUD) TO (TWO/THREE) WIRES

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SINGLE (DUPLEX/TRIPLEX) COUPLERS

TUBE TO (TWO/THREE) WIRES

3/10-3/11



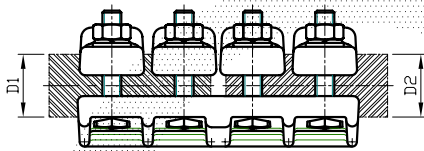
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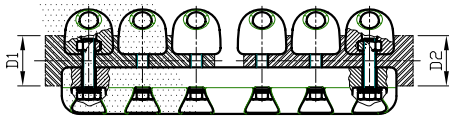
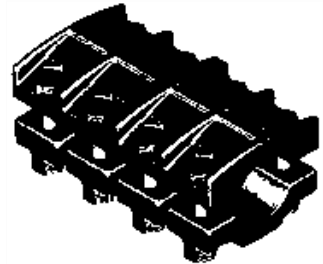
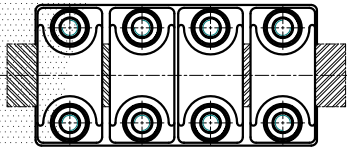
Yaragh Avaran Pooya(Y.A.P)

Straight Couplers



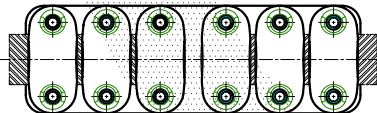
Wire to (wire/stud)

Catalogue.No	D1	D2
G1 D1 D2 01	[(12-19)....(36-42)]	[(12-19)....(36-42)]



Wire to (wire/stud)

Catalogue.No	D1	D2
G2 D1 D2 01	[(12-19)....(36-42)]	[(12-19)....(36-42)]



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

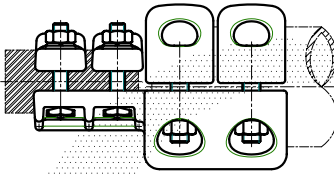
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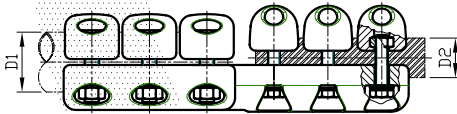
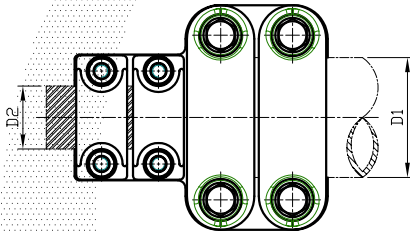
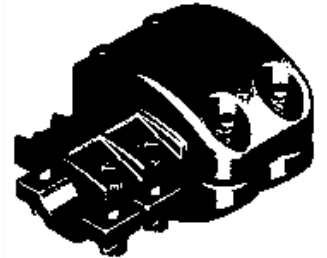
Yaragh Avaran Pooya(Y.A.P)

Straight Couplers



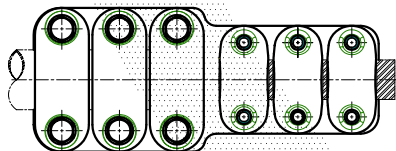
Tube to (wire/stud)

Catalogue.No	D1	D2
G1 D1 D2 02	(50.....250)	[(12-19)....(36-42)]



Tube to (wire/stud)

Catalogue.No	D1	D2
G2 D1 D2 02	(50.....250)	[(12-19)....(36-42)]



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

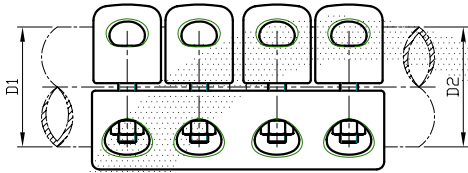
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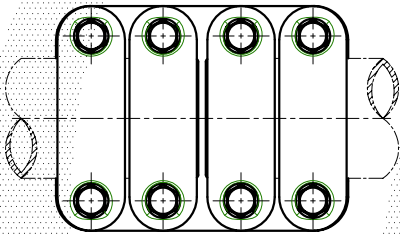
Yaragh Avaran Pooya(Y.A.P)

Straight Couplers



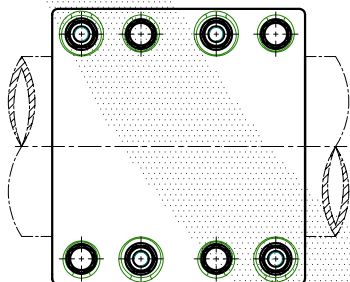
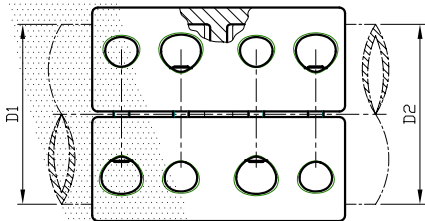
Tube to tube

Catalogue.No	D1	D2
G3 D1 D2 01	(50.....250)	(50.....250)



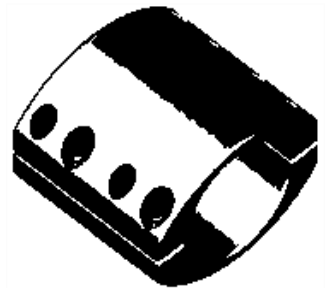
Tube to tube

Catalogue.No	D1	D2
G3 D1 D2 02	(50.....250)	(50.....250)



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



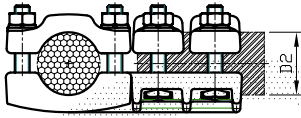
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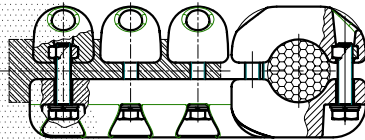
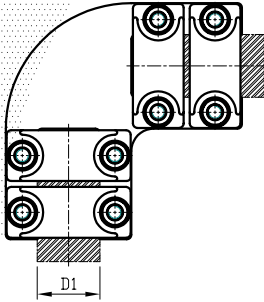
Yaragh Avaran Pooya(Y.A.P)

Vertical Couplers



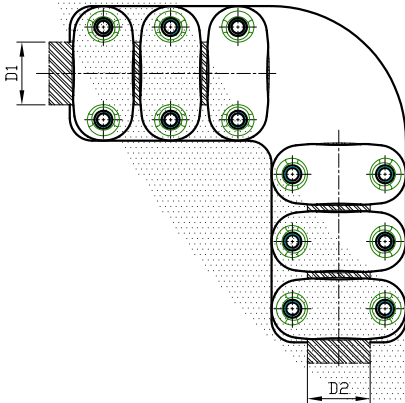
Wire to (wire/stud)

Catalogue.No	D1	D2
G1 D1 D2 03	[(12-19)....(36-42)]	[(12-19)....(36-42)]



Wire to (wire/stud)

Catalogue.No	D1	D2
G2 D1 D2 03	[(12-19)....(36-42)]	[(12-19)....(36-42)]



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

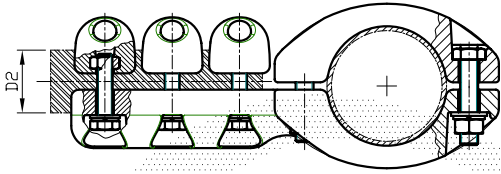
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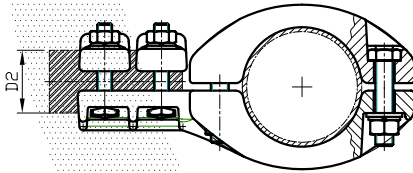
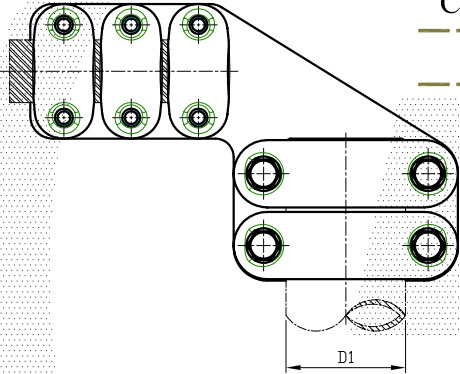
Yaragh Avaran Pooya(Y.A.P)

Vertical Couplers



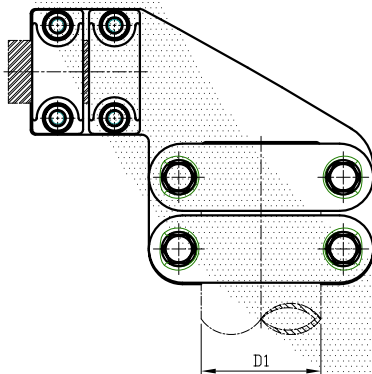
Tube to (wire/stud)

Catalogue.No	D1	D2
G2 D1 D2 04	(50.....250)	[(12-19)....(36-42)]



Tube to (wire/stud)

Catalogue.No	D1	D2
G1 D1 D2 04	(50.....250)	[(12-19)....(36-42)]



Notes:

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- All dimensions are in mm.

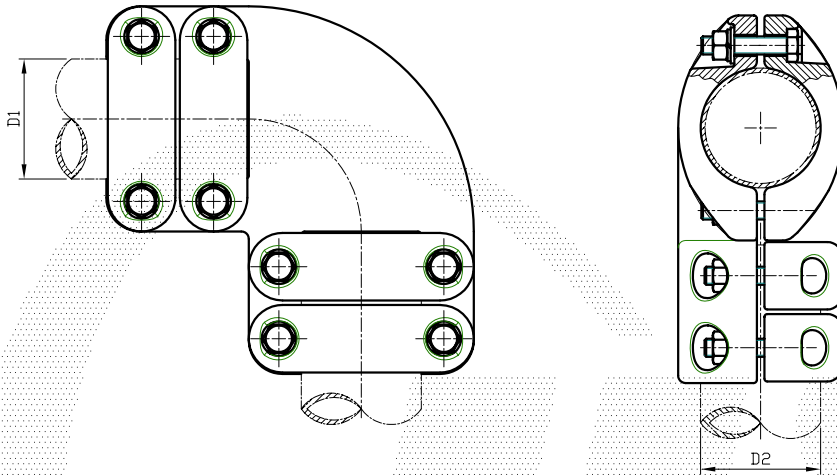
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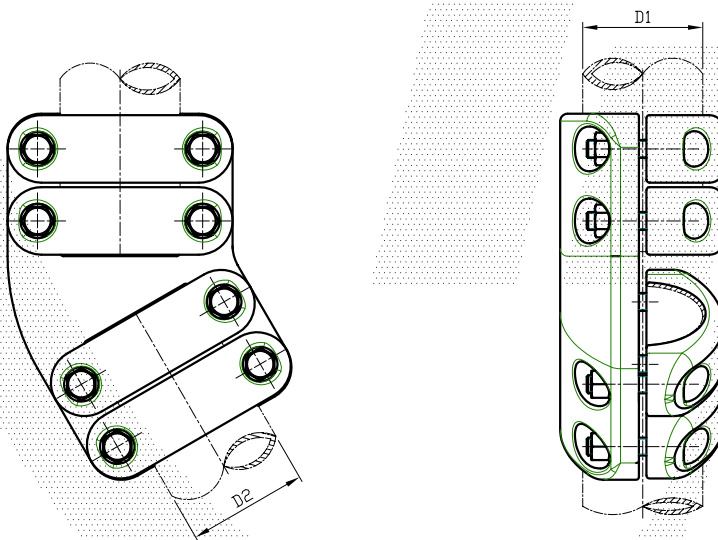
Yaragh Avaran Pooya(Y.A.P)

Vertical Coupler+Angle Coupler



Tube to tube

Catalogue.No	D1	D2
G3 D1 D2 03	(50.....250)	(50.....250)



Angle coupler (tube to tube)

Catalogue.No	D1	D2
G3 D1 D2 04	(50.....250)	(50.....250)

Notes:

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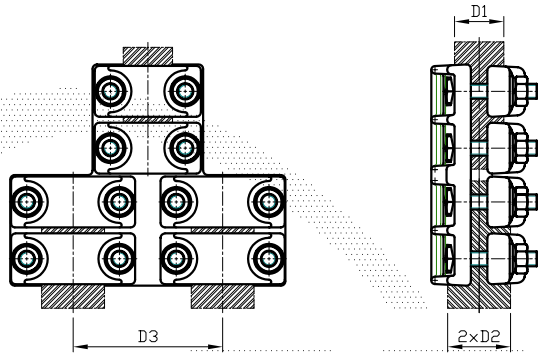
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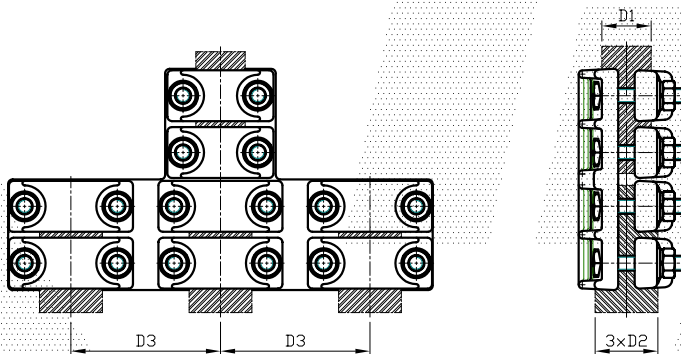
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Couplers



(Wire/stud) to two wires

Catalogue.No	D1	D2	D3
G1 D1 D2 05	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)



(Wire/stud) to three wires

Catalogue.No	D1	D2	D3
G1 D1 D2 06	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

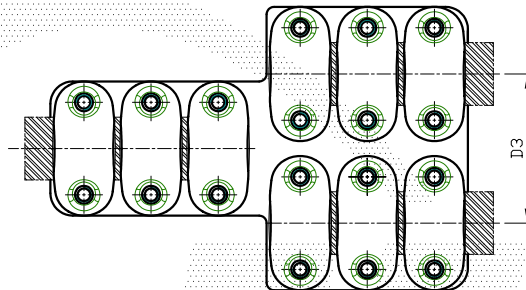
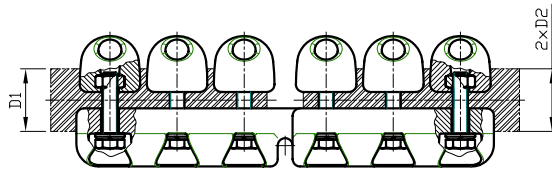
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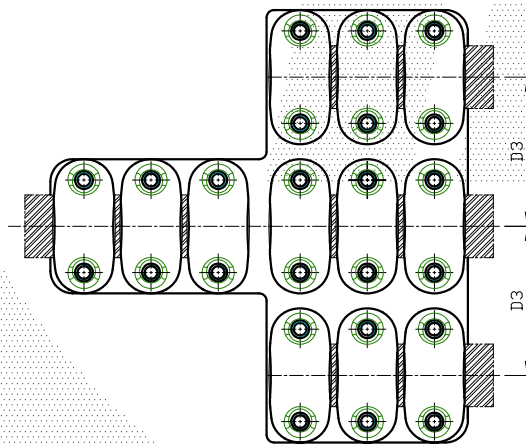
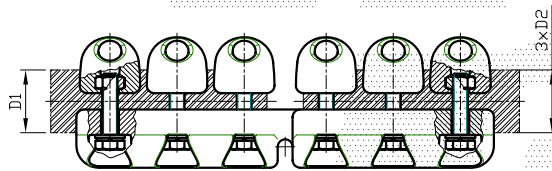
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Couplers



(Wire/stud) to two wires

Catalogue.No	D1	D2	D3
G2 D1 D2 05	[(12-19)...(36-42)]	[(12-19)...(36-42)]	(100 or 200)



(Wire/stud) to three wires

Catalogue.No	D1	D2	D3
G2 D1 D2 06	[(12-19)...(36-42)]	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



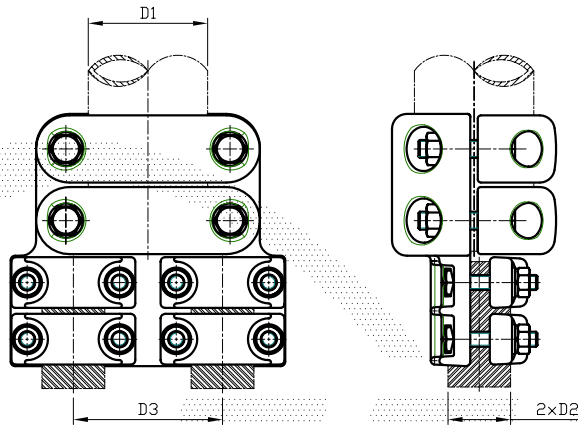
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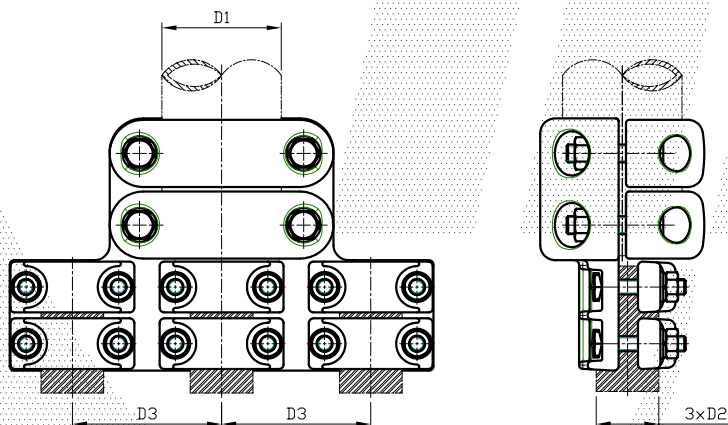
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Couplers



Tube to two wires

Catalogue.No	D1	D2	D3
G1 D1 D2 07	(50.....250)	[(12-19)....(36-42)]	(100 or 200)



Tube to three wires

Catalogue.No	D1	D2	D3
G1 D1 D2 08	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



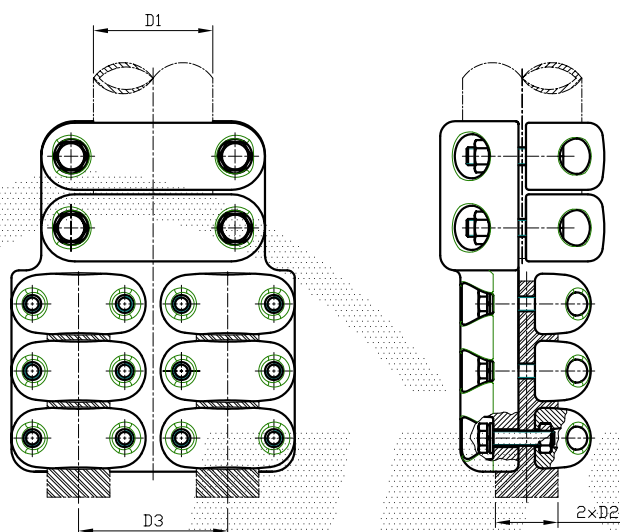
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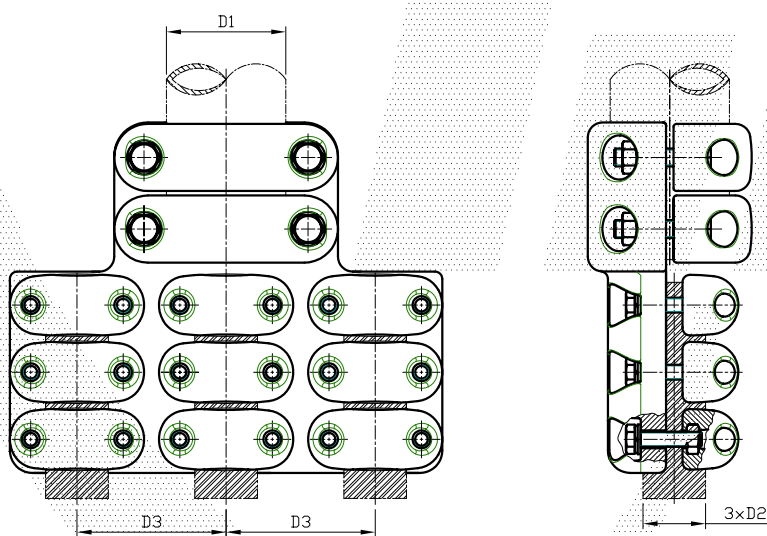
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Couplers



Tube to two wires

Catalogue.No	D1	D2	D3
G2 D1 D2 07	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

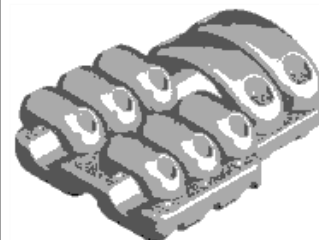


Tube to three wires

Catalogue.No	D1	D2	D3
G2 D1 D2 08	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



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Yaragh Avaran Pooya(Y.A.P)

Earthing Points

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EARTHING POINT
FOR WIRE

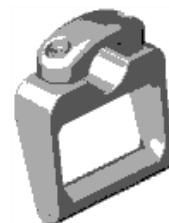
4/2

EARTHING POINT
FOR TUBE

4/2

EARTHING POINT
FOR (TWO/THREE) WIRES

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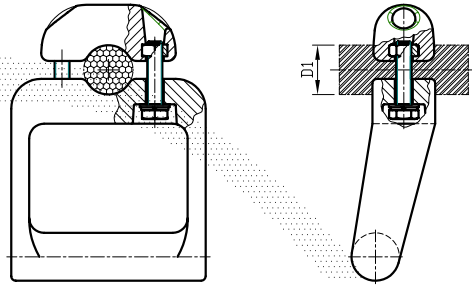
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E-mail: info@yap-co.com



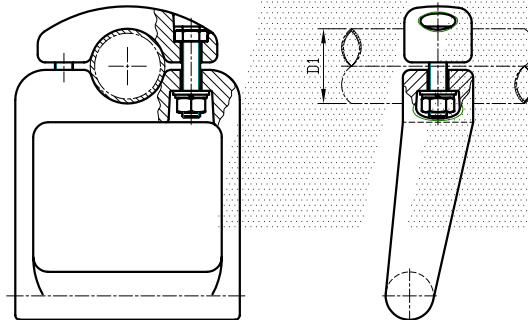
Yaragh Avaran Pooya(Y.A.P)

Earthing Points



For wire

Catalogue.No	D1
H3 D101	[(12-19)....(36-42)]

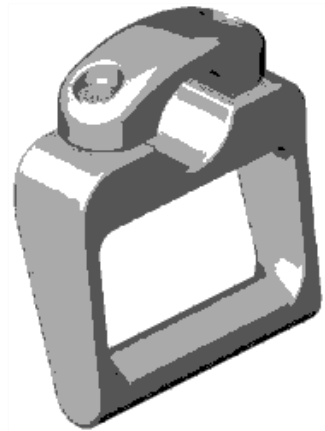
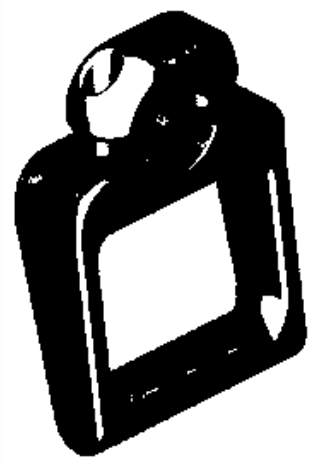


For tube

Catalogue.No	D1
H3 D102	(50.....250)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



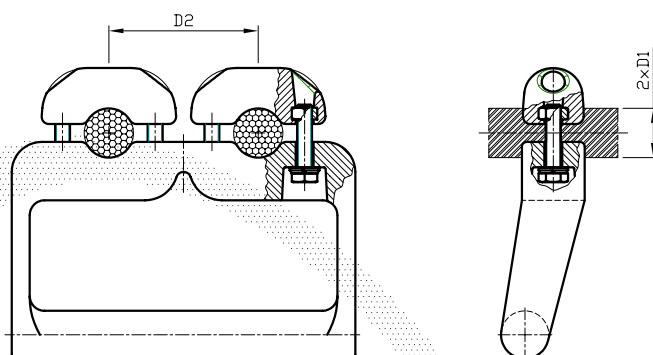
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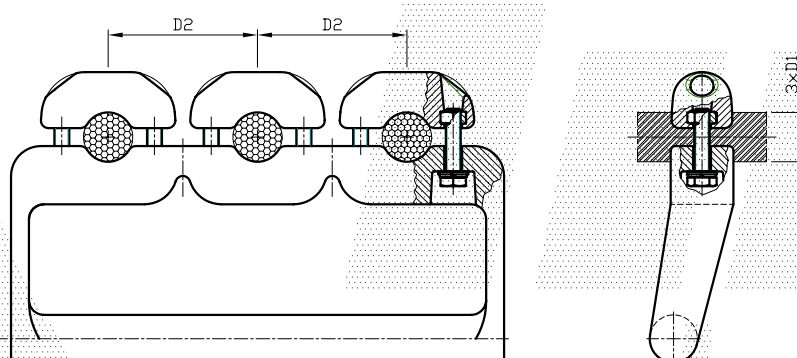
Yaragh Avaran Pooya(Y.A.P)

Earthing Points



For two wires

Catalogue.No	D1	D2
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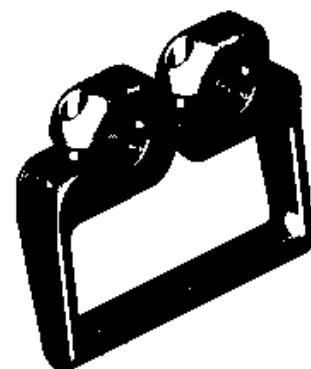
For three wires

Catalogue.No	D1	D2
H3 D104	[(12-19)...(36-42)]	(100 or 200)

Notes:

-The full specifications of all items is found in enclosed.

-All dimensions are in mm.



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Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Elbows

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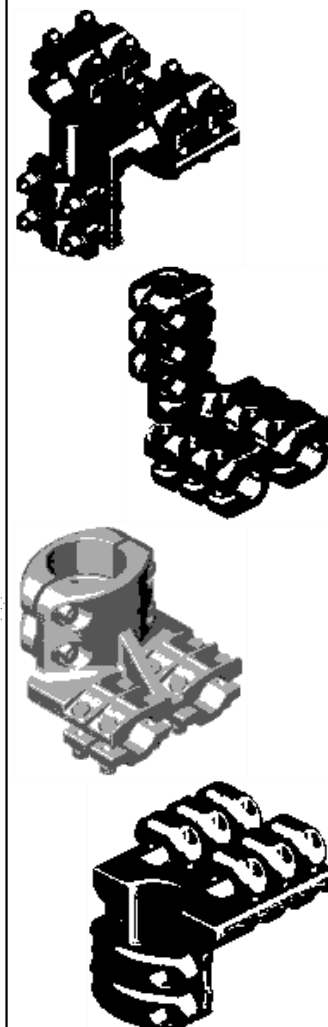
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SINGLE (DUPLEX/TRIPLEX) ELBOWS
TUBE TO (TWO/THREE) WIRES

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SINGLE (DUPLEX/TRIPLEX) ELBOWS
TUBE TO (TWO/THREE) WIRES

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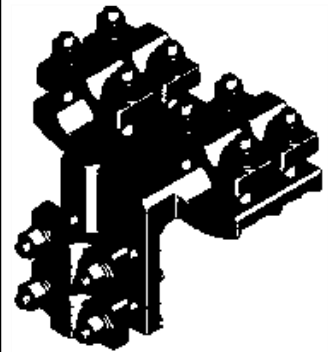
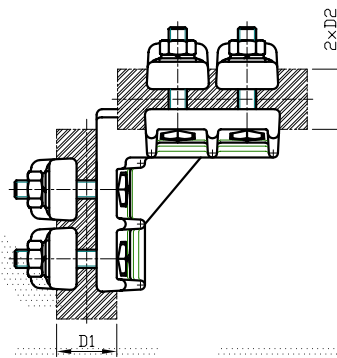
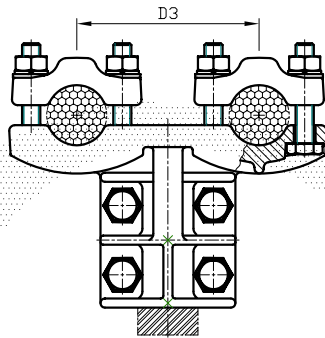
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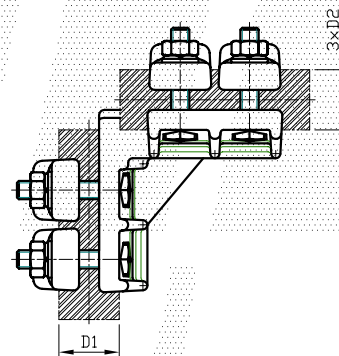
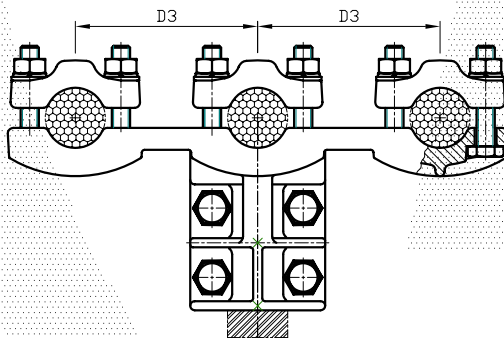
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Elbows



(Wire/Stud) to two wires

Catalogue.No	D1	D2	D3
K1 D1 D2 01	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)



(Wire/Stud) to three wires

Catalogue.No	D1	D2	D3
K1 D1 D2 02	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

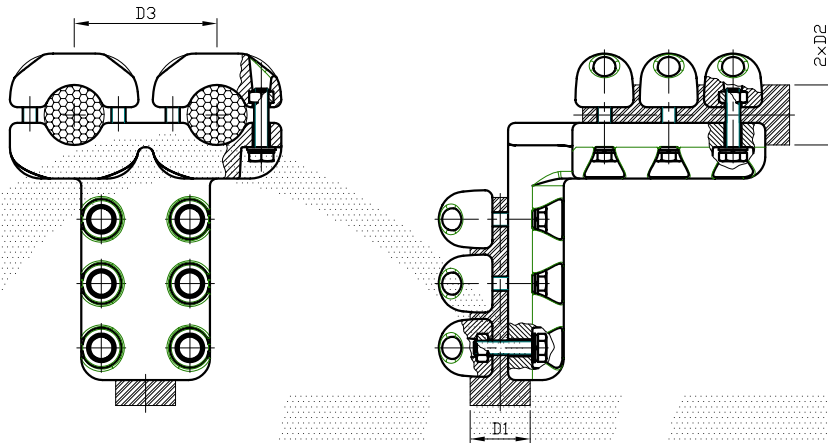
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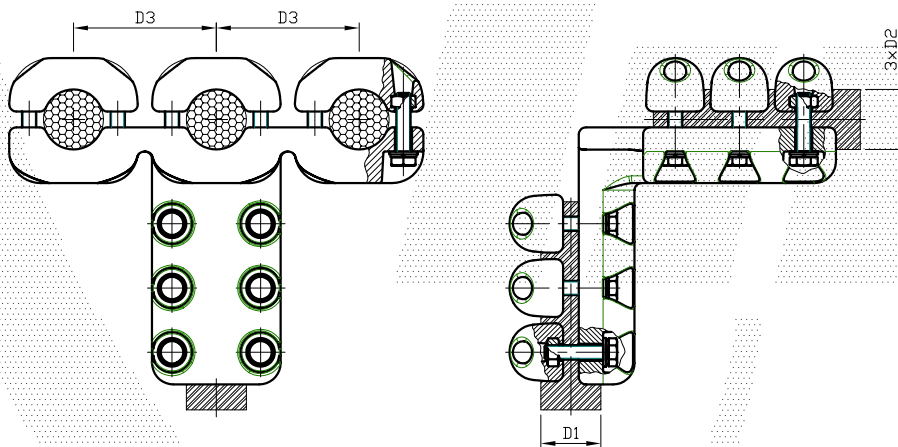
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Elbows



(Wire/Stud) to two wires

Catalogue.No	D1	D2	D3
K2 D1 D2 01	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)



(Wire/Stud) to three wires

Catalogue.No	D1	D2	D3
K2 D1 D2 02	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



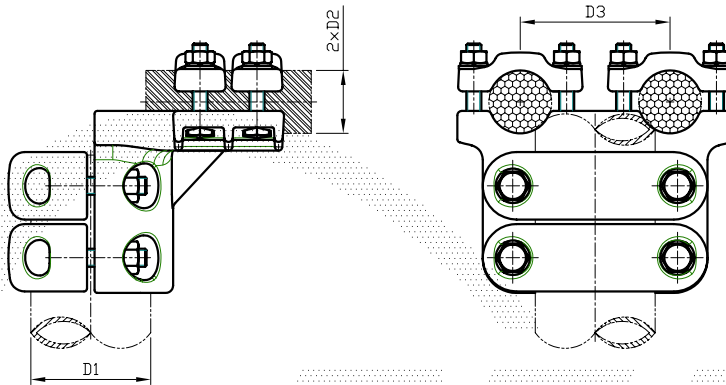
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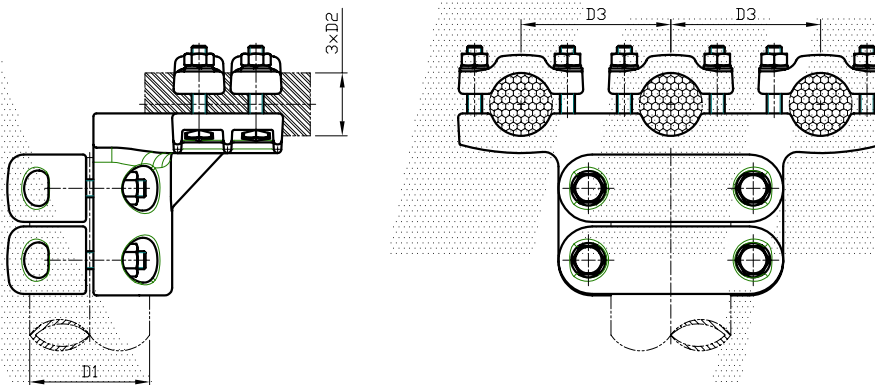
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Elbows



Tube to two wires

Catalogue.No	D1	D2	D3
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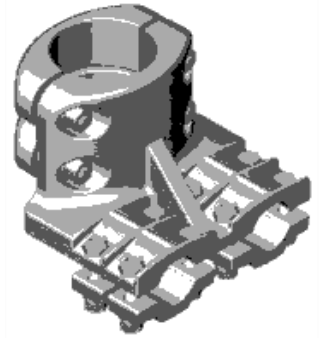


Tube to three wires

Catalogue.No	D1	D2	D3
K1 D1 D2 04	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



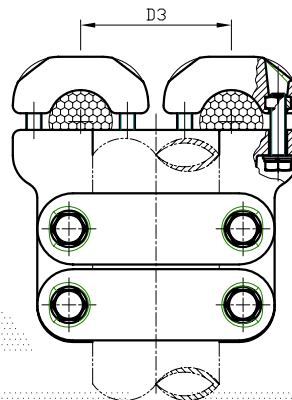
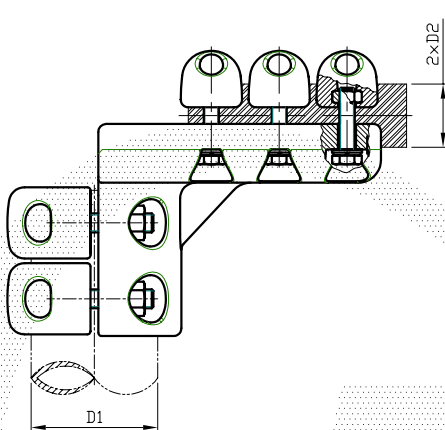
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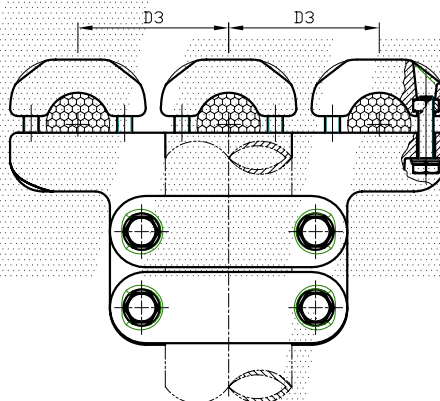
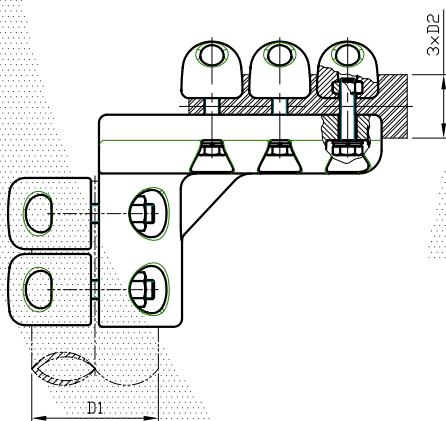
Yaragh Avaran Pooya(Y.A.P)

Single (Duplex/Triplex) Elbows



Tube to two wires

Catalogue.No	D1	D2	D3
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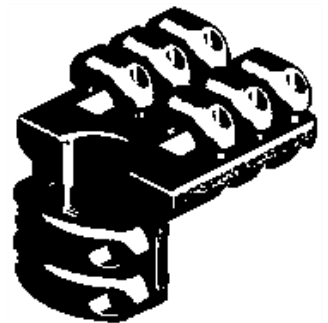


Tube to three wires

Catalogue.No	D1	D2	D3
K2 D1 D2 04	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



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Yaragh Avaran Pooya(Y.A.P)

Terminals

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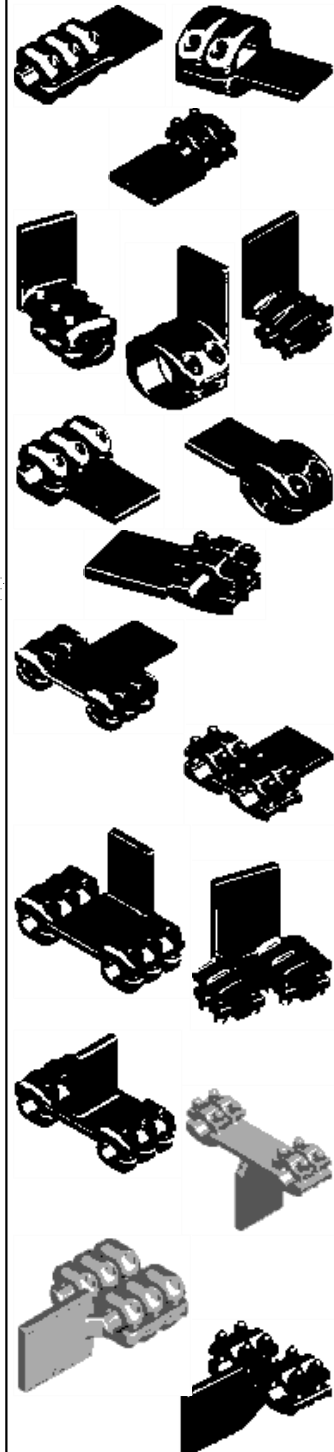
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(TWO/THREE) WIRES TO PAD

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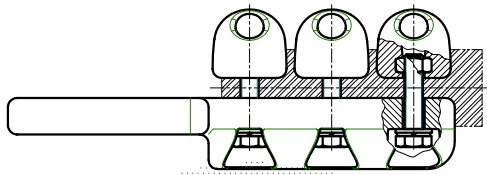
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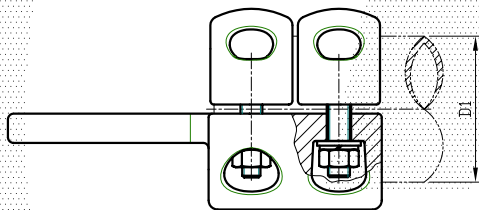
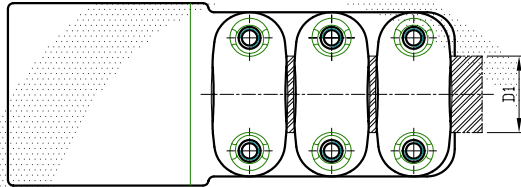
Yaragh Avaran Pooya(Y.A.P)

Flat Terminals



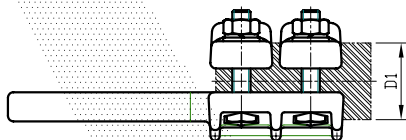
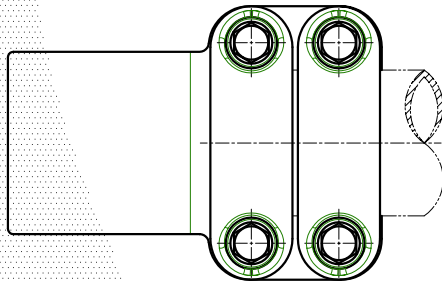
Flat to (wire/stud)

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L2 00 D1 01	[(12-19)....(36-42)]



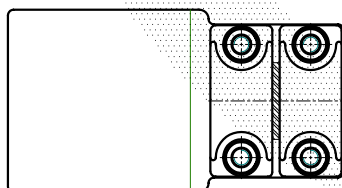
Flat to tube

Catalogue.No	D1
L3 00 D1 01	(50.....250)



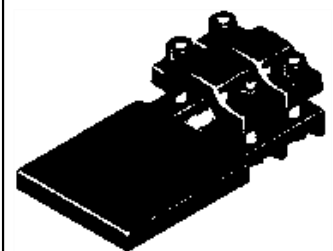
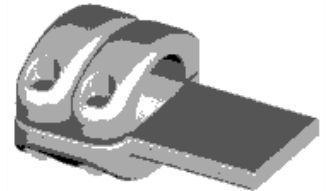
Flat to (wire/stud)

Catalogue.No	D1
L1 00 D1 01	[(12-19)....(36-42)]



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



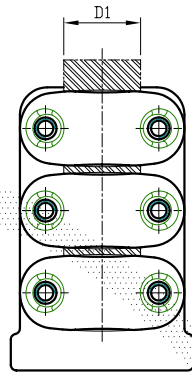
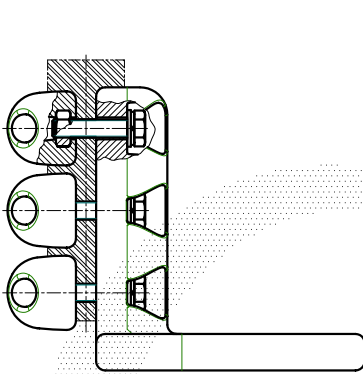
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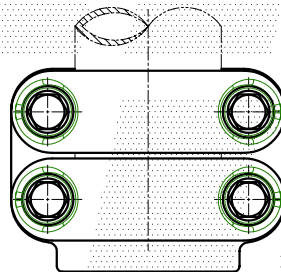
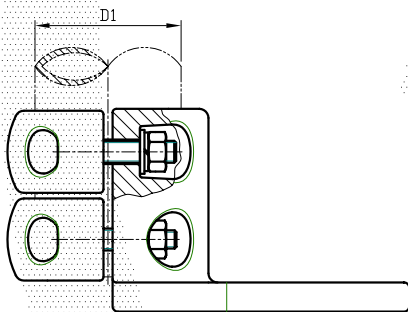
Yaragh Avaran Pooya(Y.A.P)

Vertical Terminals



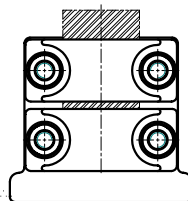
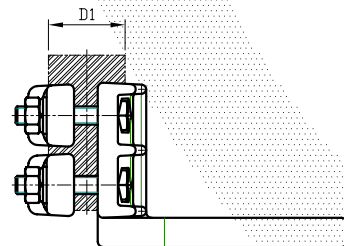
Vertical to (wire/stud)

Catalogue.No	D1
L2 11 D1 01	[(12-19)....(36-42)]



Vertical to tube

Catalogue.No	D1
L3 11 D1 01	(50.....250)

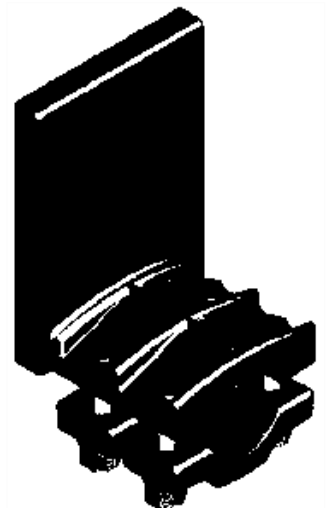
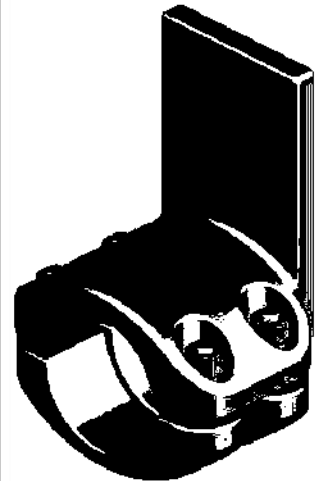
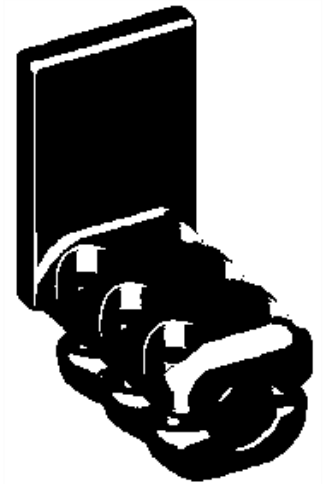


Vertical to (wire/stud)

Catalogue.No	D1
L1 11 D1 01	[(12-19)....(36-42)]

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



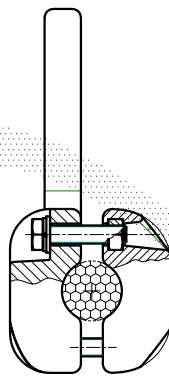
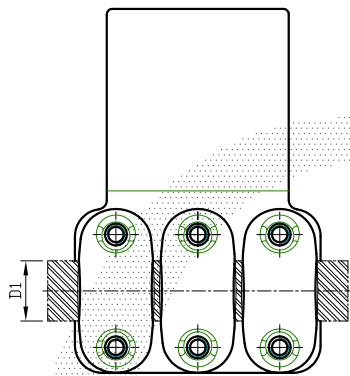
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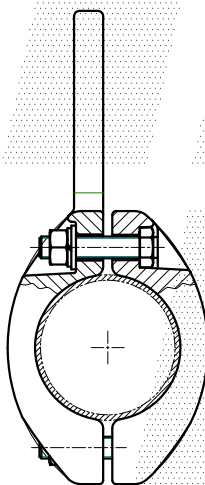
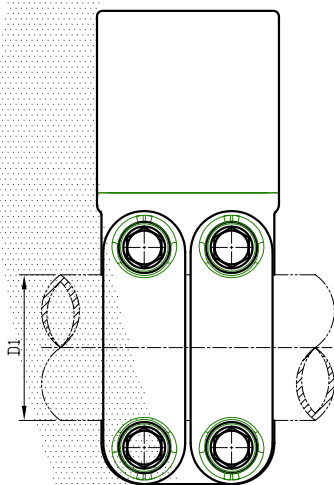
Yaragh Avaran Pooya(Y.A.P)

Side Terminals



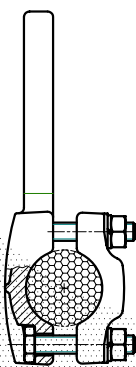
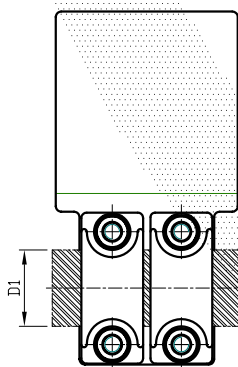
Side to (wire/stud)

Catalogue.No	D1
L2 22 D1 01	[(12-19)....(36-42)]



Side to tube

Catalogue.No	D1
L3 22 D1 01	(50.....250)



Side to (wire/stud)

Catalogue.No	D1
L1 22 D1 01	[(12-19)....(36-42)]



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.

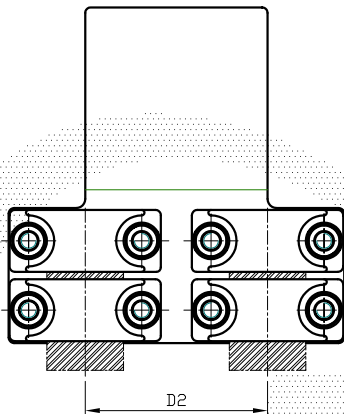
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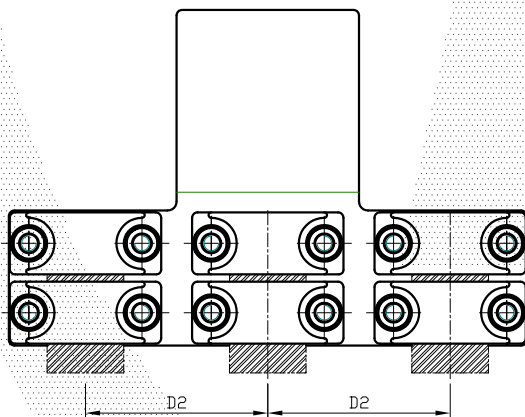
Yaragh Avaran Pooya(Y.A.P)

Flat Terminals



Flat to two wires

Catalogue.No	D1	D2
L1 00 D1 02	[(12-19)....(36-42)]	(100 or 200)

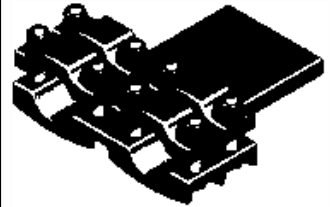


Flat to three wires

Catalogue.No	D1	D2
L1 00 D1 03	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



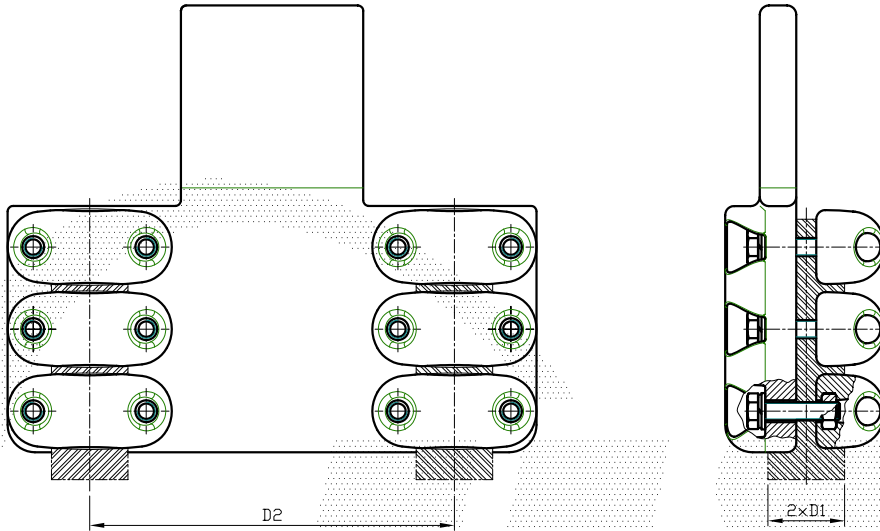
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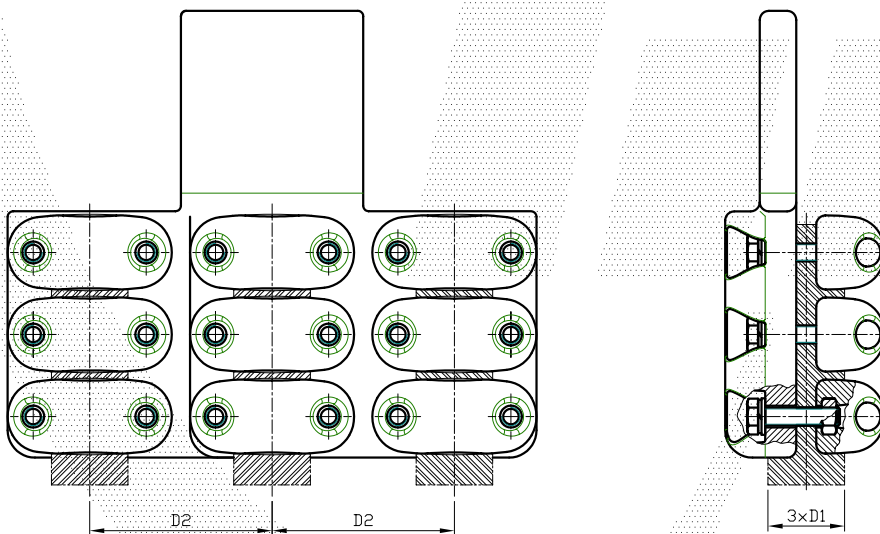
Yaragh Avaran Pooya(Y.A.P)

Flat Terminals



Flat to two wires

Catalogue.No	D1	D2
L2 00 D1 02	[(12-19)...(36-42)]	(100 or 200)



Flat to three wires

Catalogue.No	D1	D2
L2 00 D1 03	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



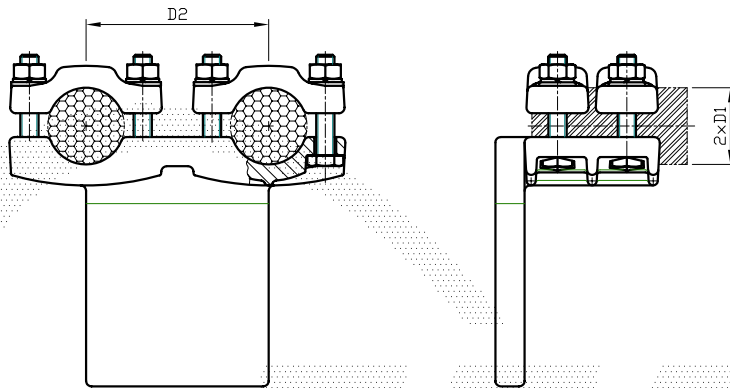
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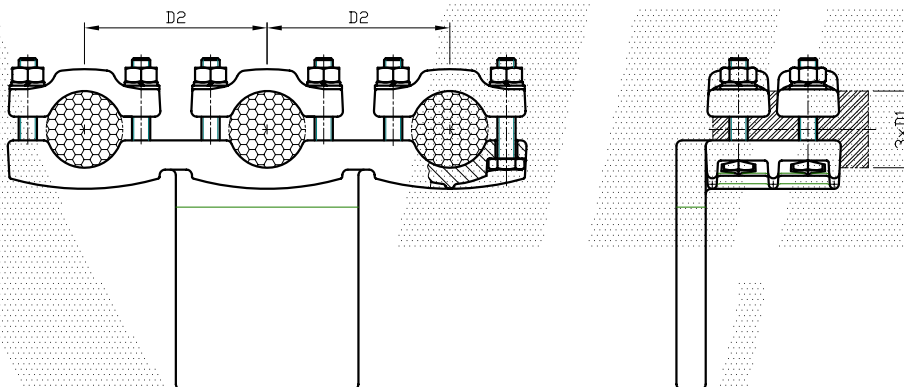
Yaragh Avaran Pooya(Y.A.P)

Vertical Terminals



Pad to two wires

Catalogue.No	D1	D2
L1 11 D1 02	[(12-19)....(36-42)]	(100 or 200)

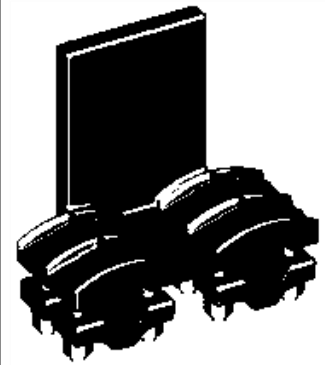


Pad to three wires

Catalogue.No	D1	D2
L1 11 D1 03	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



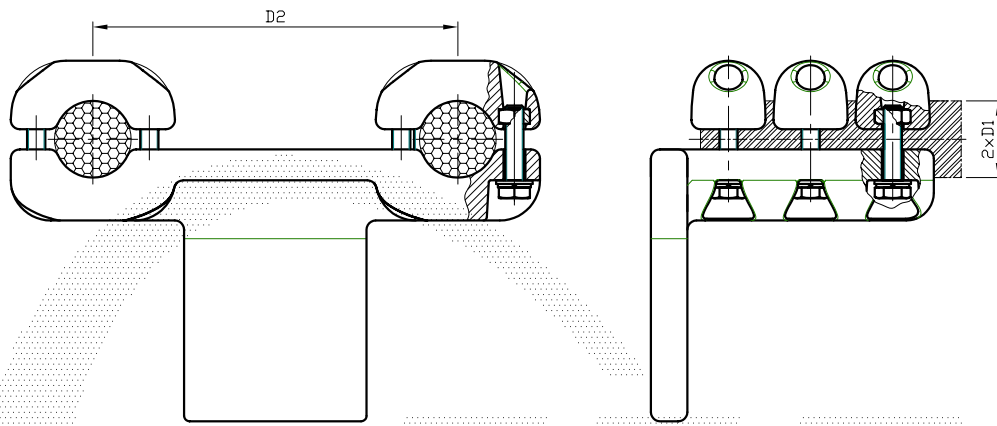
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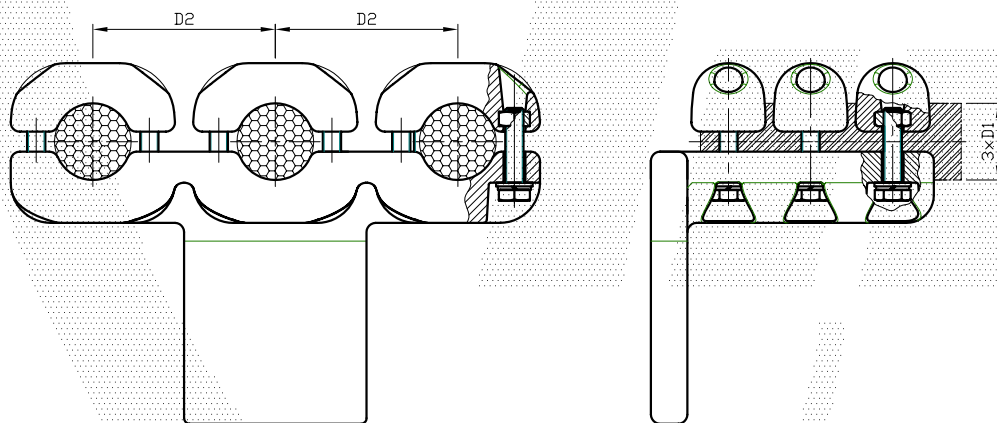
Yaragh Avaran Pooya(Y.A.P)

Vertical Terminals



Pad to two wires

Catalogue.No	D1	D2
L2 11 D1 02	[(12-19)...(36-42)]	(100 or 200)



Pad to three wires

Catalogue.No	D1	D2
L2 11 D1 03	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.

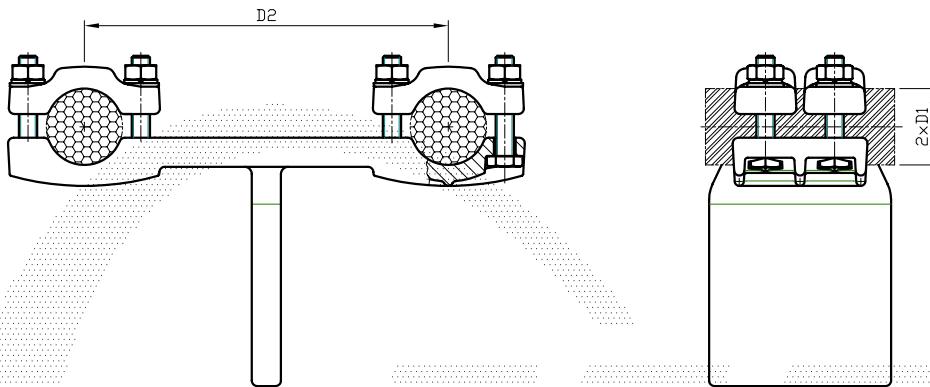
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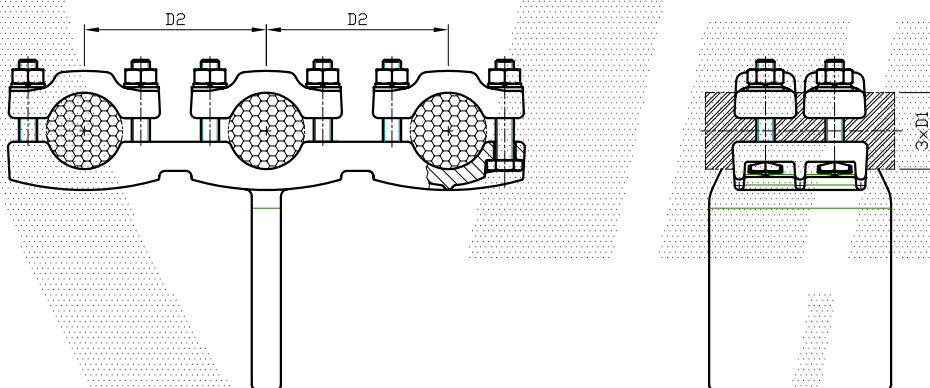
Yaragh Avaran Pooya(Y.A.P)

Vertical Side Terminals



Pad to two wires

Catalogue.No	D1	D2
L1 22 D1 02	[(12-19)...(36-42)]	(200)

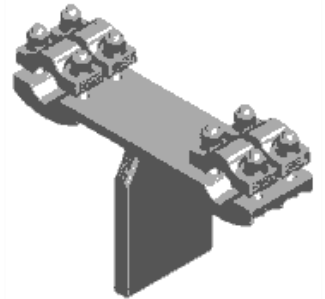


Pad to three wires

Catalogue.No	D1	D2
L1 22 D1 03	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



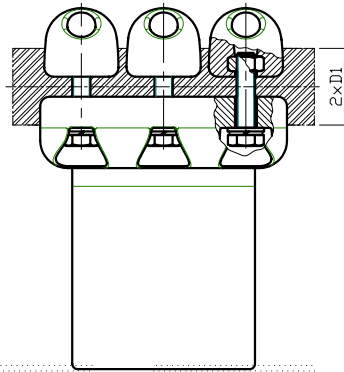
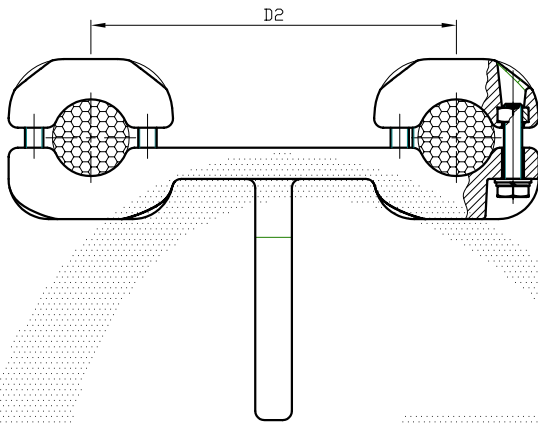
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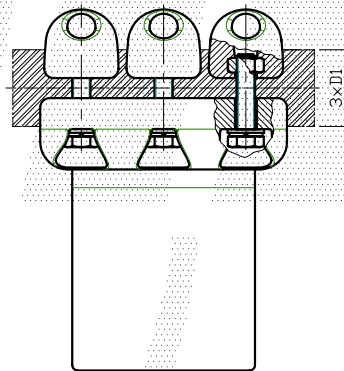
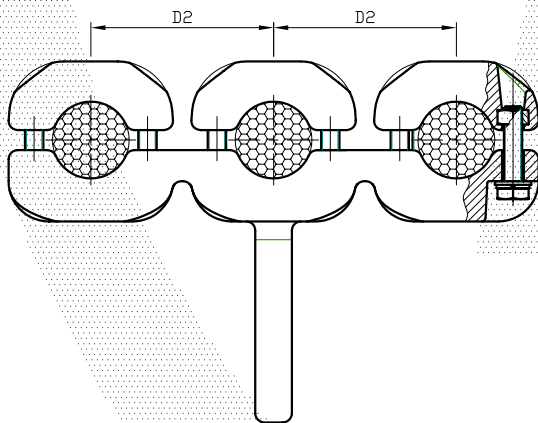
Yaragh Avaran Pooya(Y.A.P)

Vertical Side Terminals



Pad to two wires

Catalogue.No	D1	D2
L2 22 D1 02	[(12-19)...(36-42)]	(200)

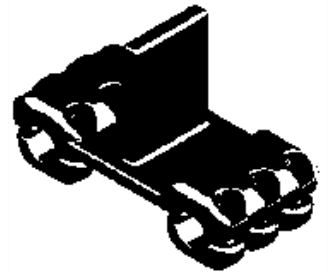


Pad to three wires

Catalogue.No	D1	D2
L2 22 D1 03	[(12-19)...(36-42)]	(200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



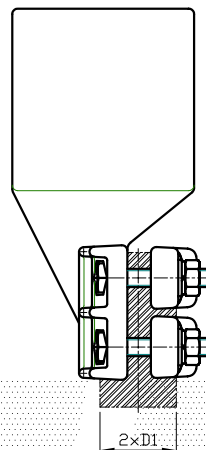
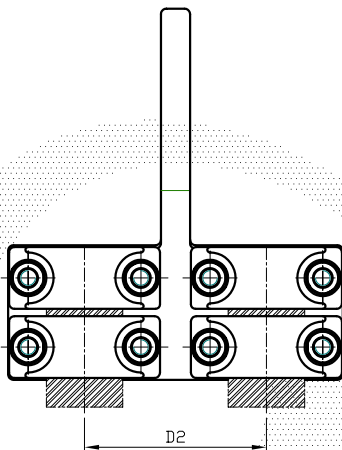
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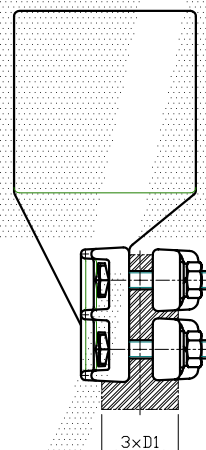
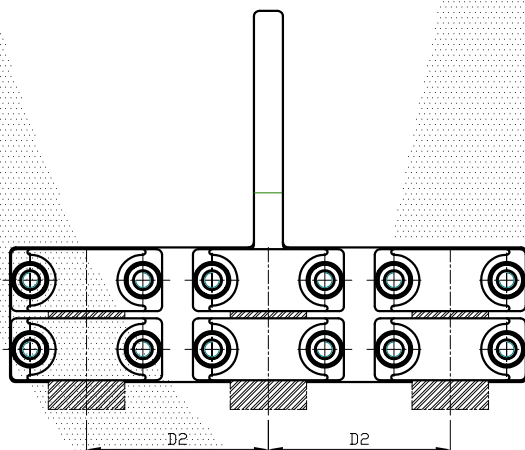
Yaragh Avaran Pooya(Y.A.P)

Flat Terminals (90°)



Flat to two wires

Catalogue.No	D1	D2
L1 00 D1 04	[(12-19)...(36-42)]	(100 or 200)

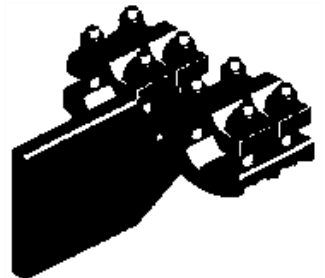


Flat to three wires

Catalogue.No	D1	D2
L1 00 D1 05	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



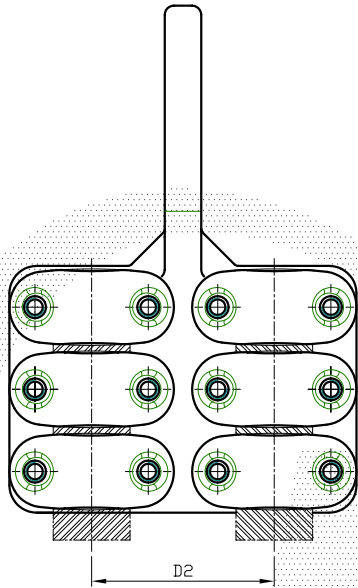
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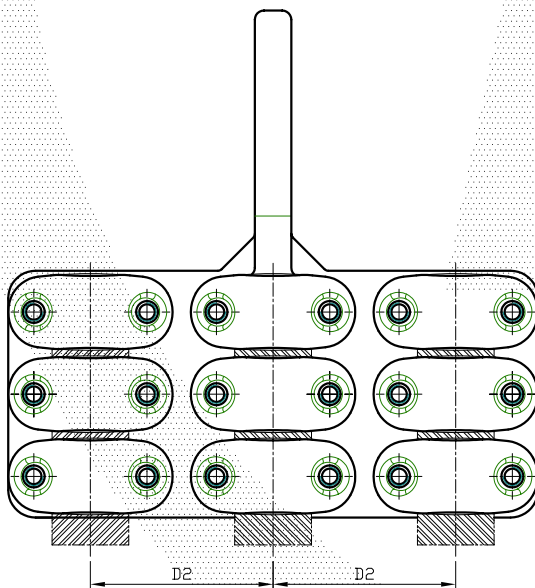
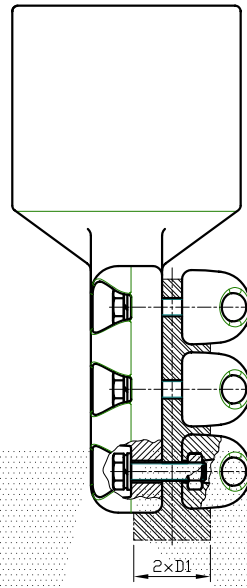
Yaragh Avaran Pooya(Y.A.P)

Flat Terminals (90°)



Flat to two wires

Catalogue.No	D1	D2
L2 00 D1 04	[(12-19)....(36-42)]	(100 or 200)



Flat to three wires

Catalogue.No	D1	D2
L2 00 D1 05	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



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Yaragh Avaran Pooya(Y.A.P)

Parallel Clamps+Spacers

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SINGLE DUPLEX PARALLEL CLAMP

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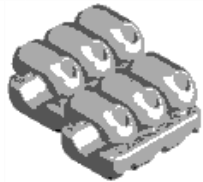
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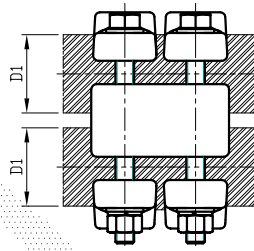
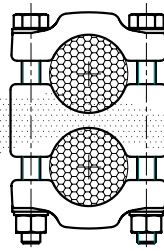
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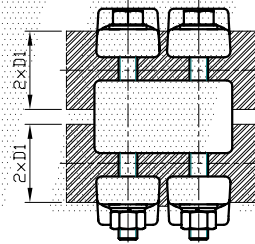
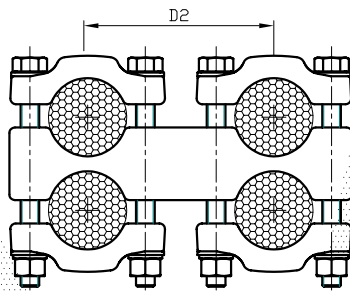
Yaragh Avaran Pooya(Y.A.P)

Parallel Clamps



Two wires

Catalogue.No	D1
P1 D1 01	[(12-19)...(36-42)]



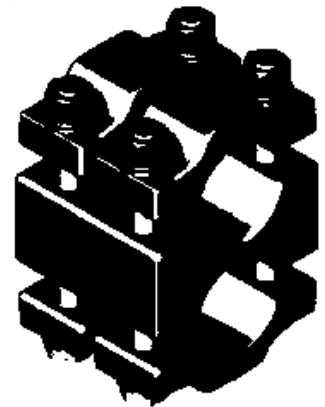
Four wires

Catalogue.No	D1	D2
P1 D1 02	[(12-19)...(36-42)]	(100 or 200)

Notes:

-The full specifications of all items is found in enclosed.

-All dimensions are in mm.



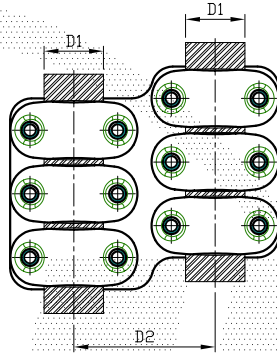
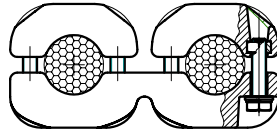
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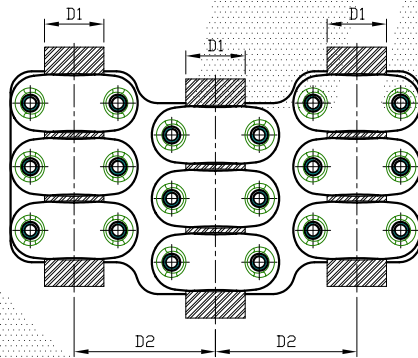
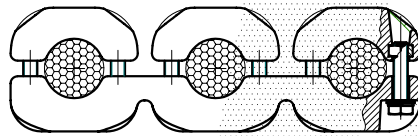
Yaragh Avaran Pooya(Y.A.P)

Parallel Clamps



Two wires

Catalogue.No	D1	D2
P2 D1 01	[(12-19)...(36-42)]	(100 or 200)

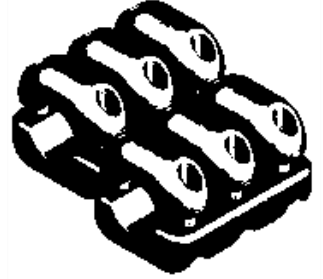


Three wires

Catalogue.No	D1	D2
P2 D1 02	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



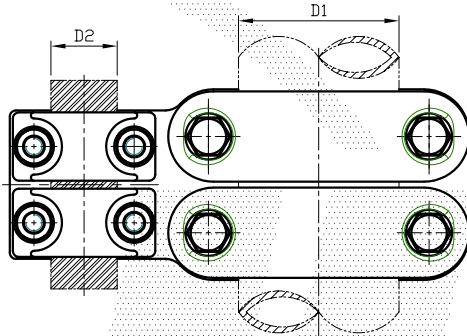
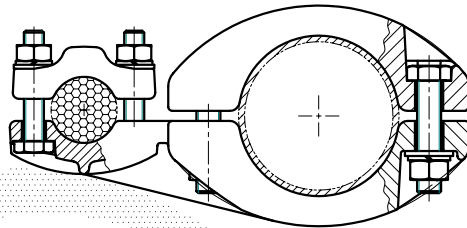
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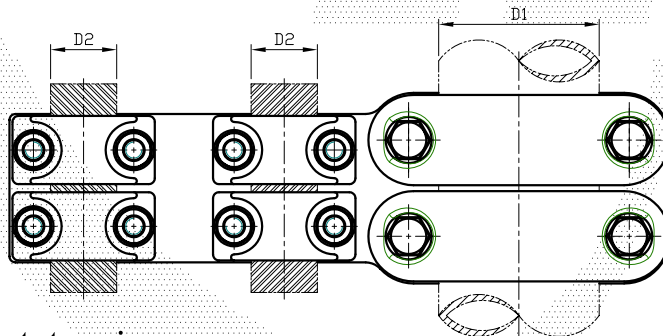
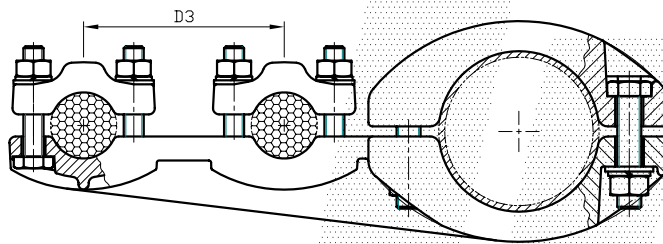
Yaragh Avaran Pooya(Y.A.P)

Parallel Clamps



Tube to wire

Catalogue.No	D1	D2
P1 D1 D2 01	(50.....250)	[(12-19)....(36-42)]



Tube to two wires

Catalogue.No	D1	D2	D3
P1 D1 D2 02	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



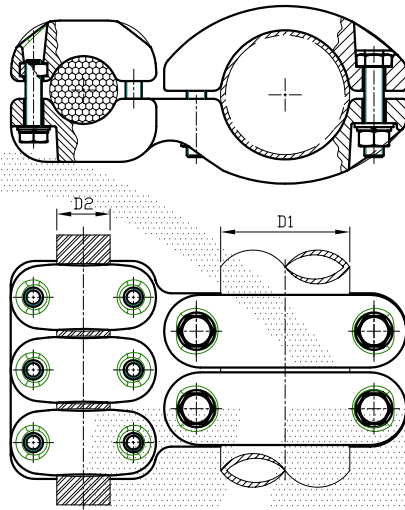
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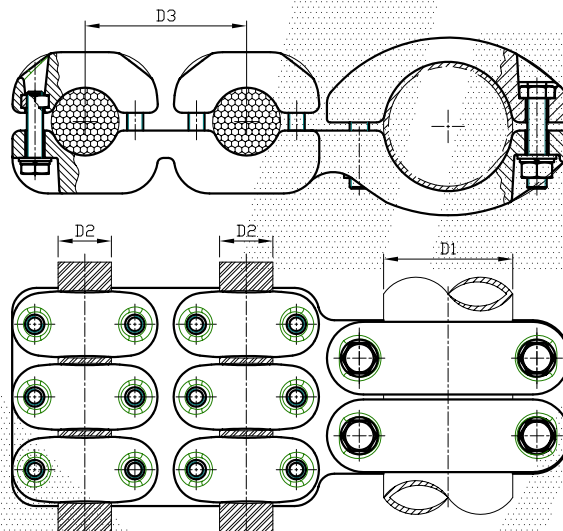
Yaragh Avaran Pooya(Y.A.P)

Parallel Clamps



Tube to wire

Catalogue.No	D1	D2
P2 D1 D2 01	(50.....250)	[(12-19)....(36-42)]



Tube to two wires

Catalogue.No	D1	D2	D3
P2 D1 D2 02	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

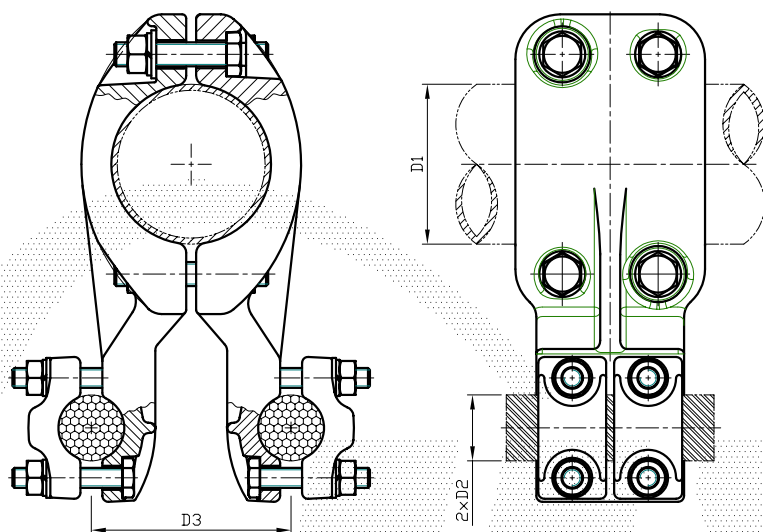
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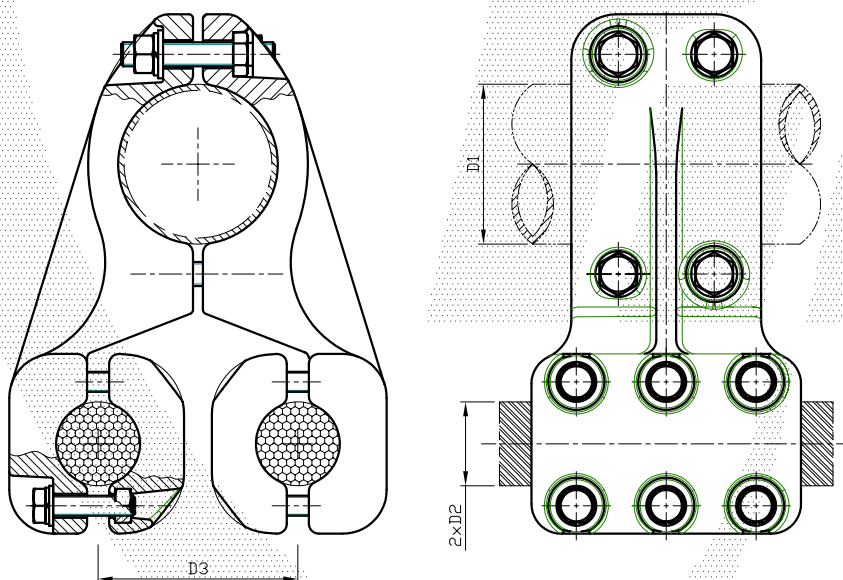
Yaragh Avaran Pooya(Y.A.P)

Single Duplex Parallel Clamps



(Tube/wire) to two wires

Catalogue.No	D1	D2	D3
P1 D1 D2 03	(50.....250)	[(12-19)....(36-42)]	(100 or 200)



(Tube/wire) to two wires

Catalogue.No	D1	D2	D3
P2 D1 D2 03	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



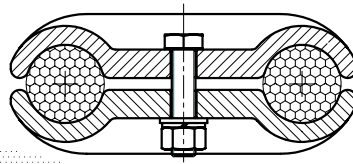
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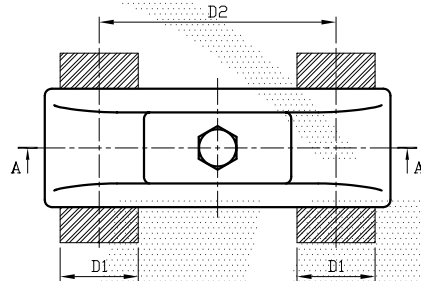


Yaragh Avaran Pooya(Y.A.P)

Spacers

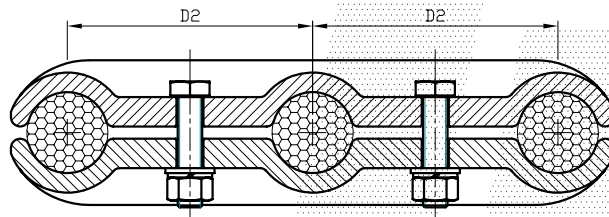


Section A-A

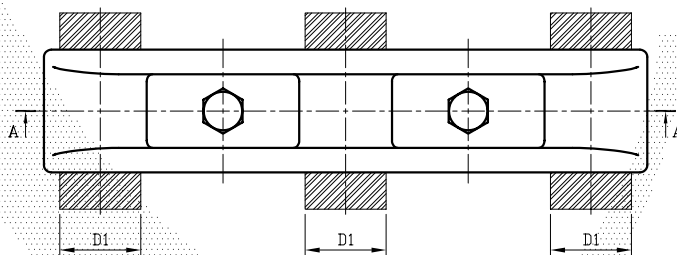


Two wires

Catalogue.No	D1	D2
R3 D1 01	[(12-19)....(36-42)]	(100 or 200)



Section A-A



Three wires

Catalogue.No	D1	D2
R3 D1 02	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



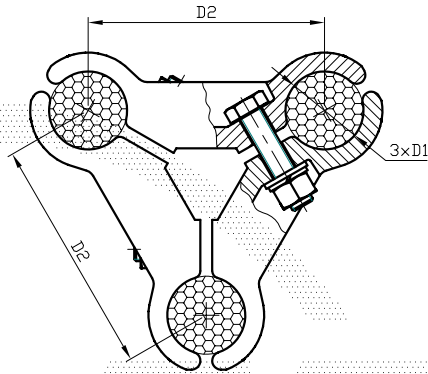
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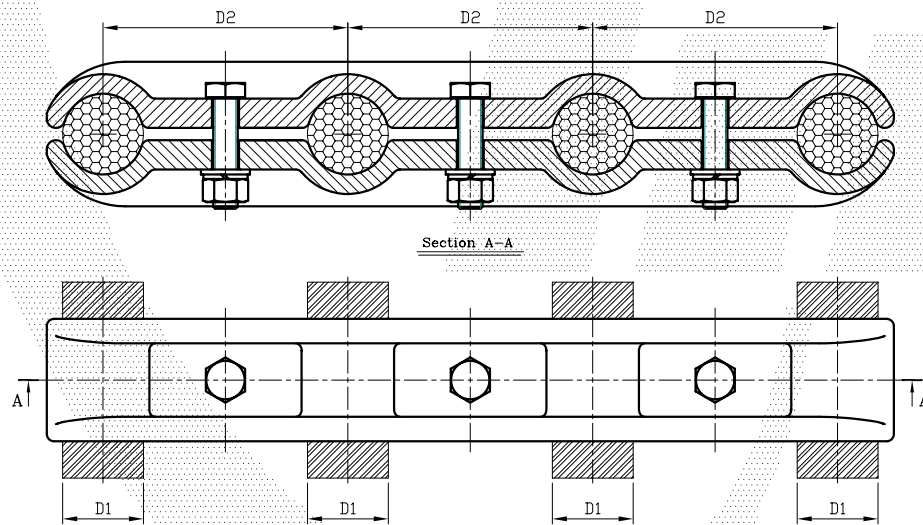
Yaragh Avaran Pooya(Y.A.P)

Spacers



Triangle

Catalogue.No	D1	D2
R3 D1 03	[(12-19)....(36-42)]	(100 or 200)



Four wires

Catalogue.No	D1	D2
R3 D1 04	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

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Yaragh Avaran Pooya(Y.A.P)

Support For Flatbars

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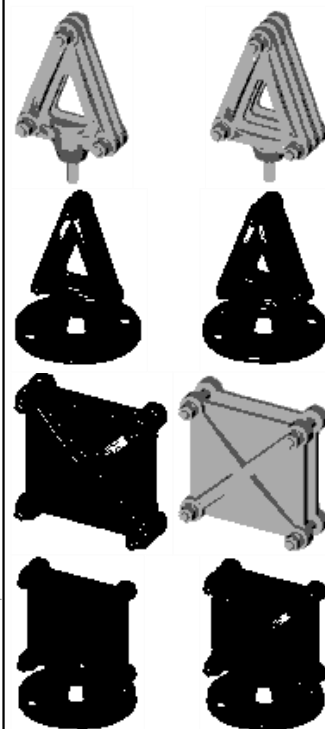
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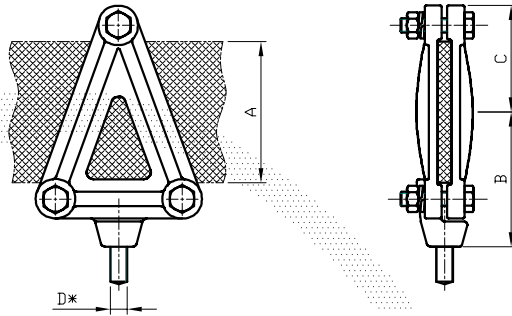
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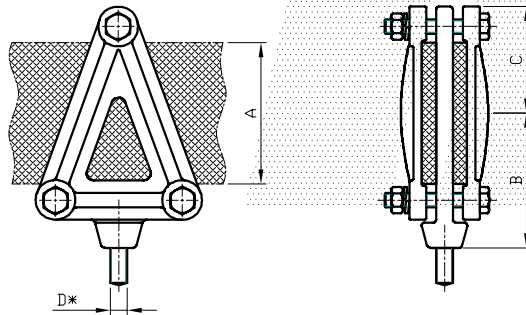
Yaragh Avaran Pooya(Y.A.P)

Support For Flatbars



Single Flat

Catalogue.No	A	B	C	D*	Clamping Torque (kg.m)
SFTS-60M12	60	50	60	M12	2
SFTS-80M12	80	70	80	M12	3
SFTS-100M12	100	90	80	M12	3
SFTS-120M12	120	110	88	M12	5

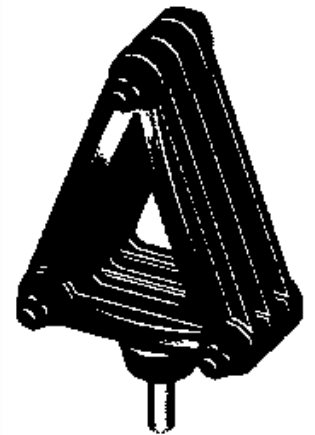
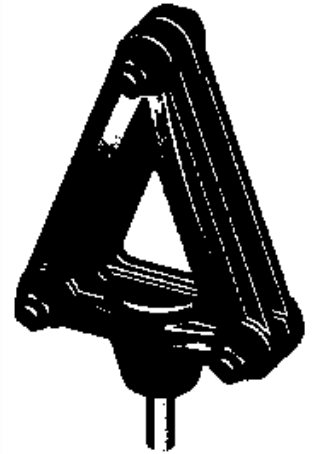


Double Flat

Catalogue.No	A	B	C	D*	Clamping Torque (kg.m)
SFTD-60M12	60	50	60	M12	2
SFTD-80M12	80	70	80	M12	3
SFTD-100M12	100	90	80	M12	3
SFTD-120M12	120	110	88	M12	5

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- The material of clamps is bronze.



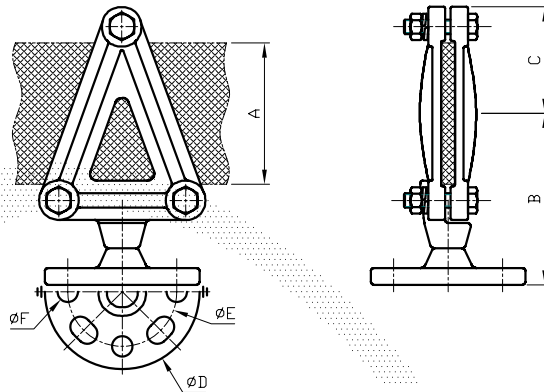
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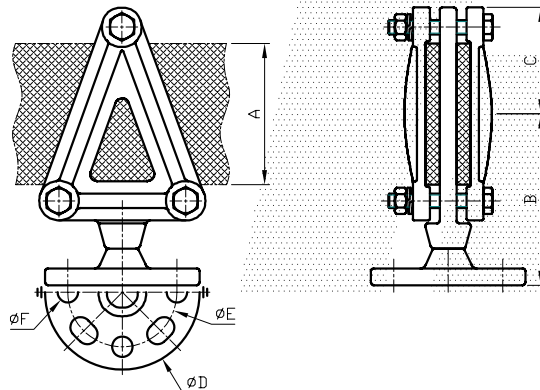
Yaragh Avaran Pooya(Y.A.P)

Support For Flatbars



Single Flat

Catalogue.No	A	B	C	ØD	ØE	ØF	Clamping Torque (kg.m)
SFTSP-6076	60	80	60	110	76	14	2
SFTSP-8076	80	100	80	110	76	14	3
SFTSP-10076	100	120	80	110	76	14	3
SFTSP-12076	120	140	88	110	76	14	5
SFTSP-60127	60	80	60	160	127	18	2
SFTSP-80127	80	100	80	160	127	18	3
SFTSP-100127	100	120	80	160	127	18	3
SFTSP-120127	120	140	88	160	127	18	5

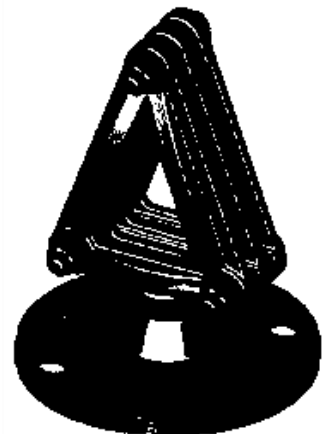
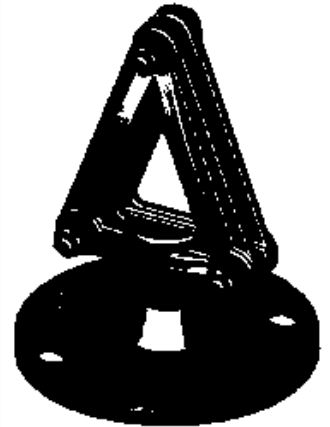


Double Flat

Catalogue.No	A	B	C	ØD	ØE	ØF	Clamping Torque (kg.m)
SFTDP-6076	60	80	60	110	76	14	2
SFTDP-8076	80	100	80	110	76	14	3
SFTDP-10076	100	120	80	110	76	14	3
SFTDP-12076	120	140	88	110	76	14	5
SFTDP-60127	60	80	60	160	127	18	2
SFTDP-80127	80	100	80	160	127	18	3
SFTDP-100127	100	120	80	160	127	18	3
SFTDP-120127	120	140	88	160	127	18	5

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- The material of clamps is bronze.



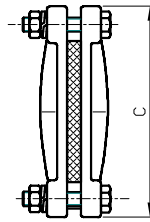
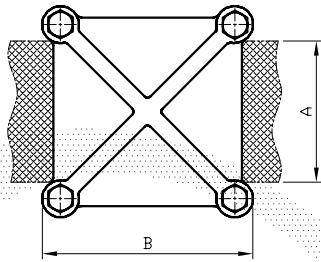
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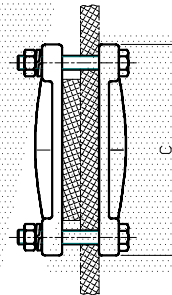
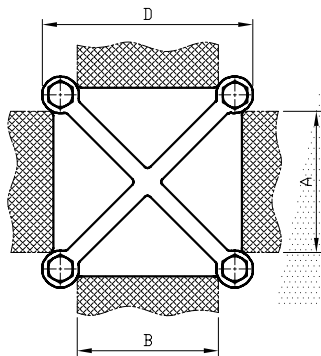
Yaragh Avaran Pooya(Y.A.P)

Support For Flatbars



Single Flat

Catalogue.No	A	B	C	Clamping Torque (kg.m)
SFQS-50	50	87	87	2
SFQS-60	60	98	98	3
SFQS-80	80	118	118	3
SFQS-100	100	147	147	5
SFQS-120	120	176	176	2

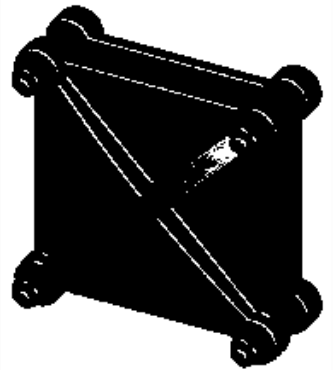
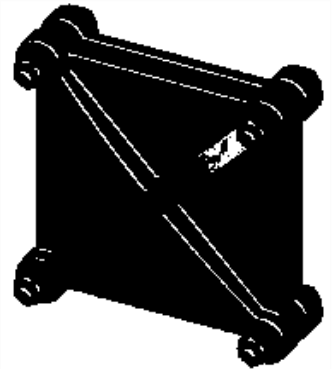


Double Flat

Catalogue.No	A	B	C	D	Clamping Torque (kg.m)
SFQD-50	50	50	87	87	2
SFQD-60	60	60	98	98	3
SFQD-80	80	80	118	118	3
SFQD-100	100	100	147	147	5
SFQD-120	120	120	176	176	2

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- The material of clamps is bronze.



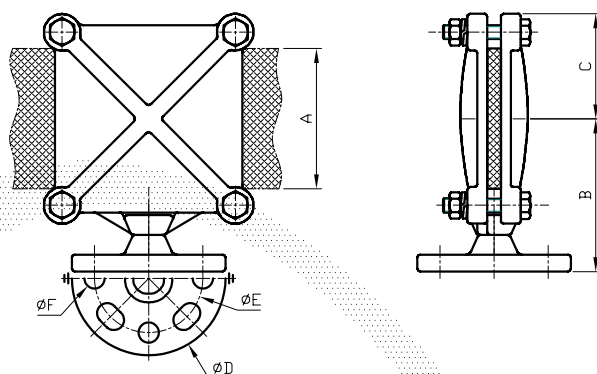
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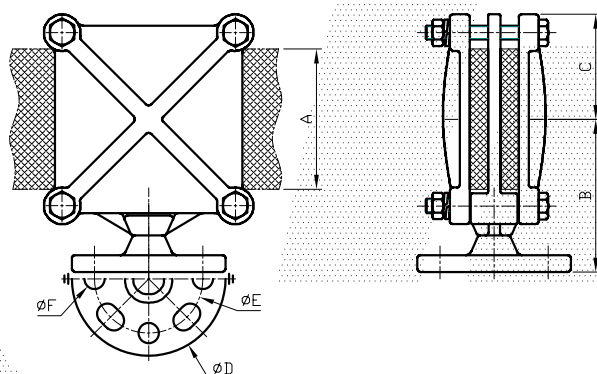
Yaragh Avaran Pooya(Y.A.P)

Support For Flatbars



Single Flat

Catalogue.No	A	B	C	ØD	ØE	ØF	Clamping Torque (kg.m)
SFQSP-6076	60	80	60	110	76	14	2
SFQSP-8076	80	100	80	110	76	14	3
SFQSP-10076	100	120	80	110	76	14	3
SFQSP-12076	120	140	88	110	76	14	5
SFQSP-60127	60	80	60	160	127	18	2
SFQSP-80127	80	100	80	160	127	18	3
SFQSP-100127	100	120	80	160	127	18	3
SFQSP-120127	120	140	88	160	127	18	5

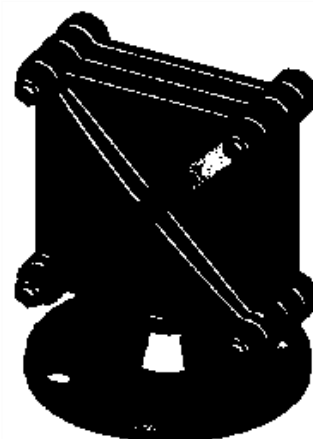
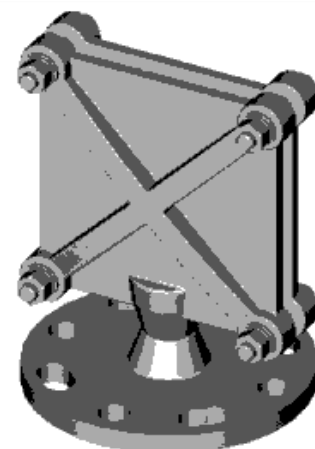


Double Flat

Catalogue.No	A	B	C	ØD	ØE	ØF	Clamping Torque (kg.m)
SFQDP-6076	60	80	60	110	76	14	2
SFQDP-8076	80	100	80	110	76	14	3
SFQDP-10076	100	120	80	110	76	14	3
SFQDP-12076	120	140	88	110	76	14	5
SFQDP-60127	60	80	60	160	127	18	2
SFQDP-80127	80	100	80	160	127	18	3
SFQDP-100127	100	120	80	160	127	18	3
SFQDP-120127	120	140	88	160	127	18	5

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- The material of clamps is bronze.



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Yaragh Avaran Pooya(Y.A.P)

Busbar Supports+Cable Supports

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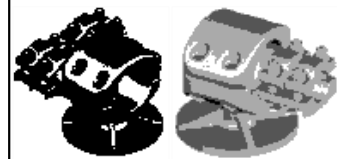
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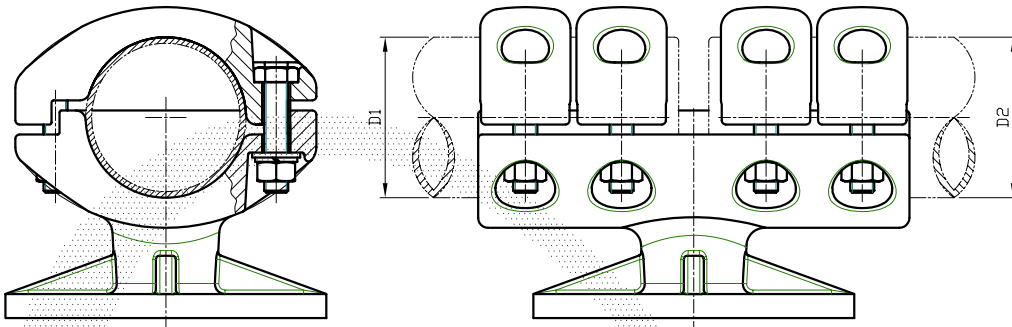
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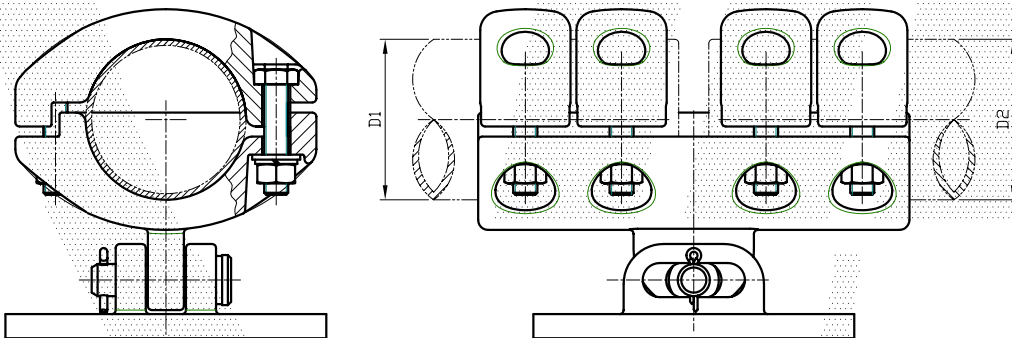
Yaragh Avaran Pooya(Y.A.P)

Straight Coupler Busbar Supports



Fix support

Catalogue.No	D1	D2
S3 D1 D2 01	(50.....250)	(50.....250)



Slide support

Catalogue.No	D1	D2
S3 D1 D2 02	(50.....250)	(50.....250)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



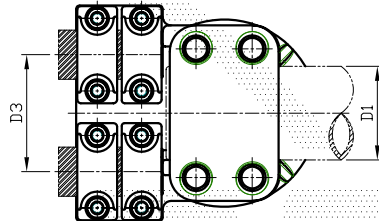
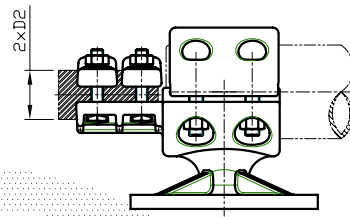
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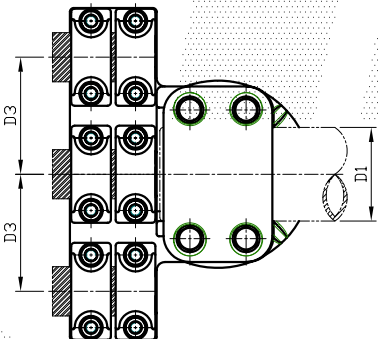
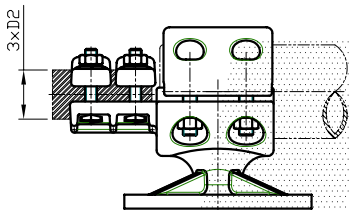
Yaragh Avaran Pooya(Y.A.P)

Straight Coupler Busbar Supports



Tube to two wires

Catalogue.No	D1	D2	D3
S1 D1 D2 01	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

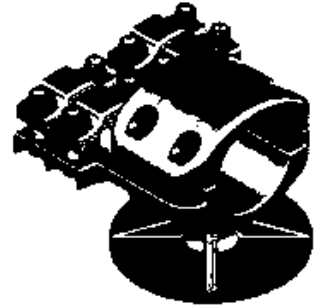


Tube to three wires

Catalogue.No	D1	D2	D3
S1 D1 D2 02	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



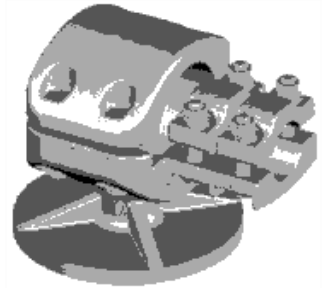
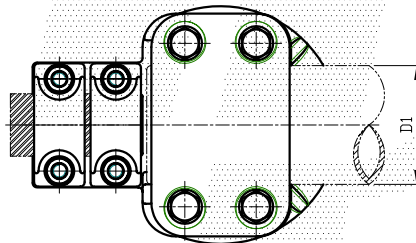
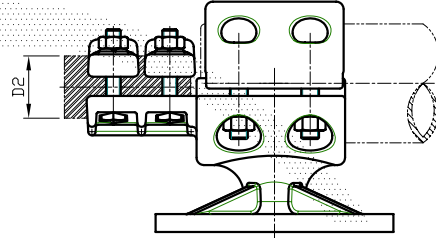
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Yaragh Avaran Pooya(Y.A.P)

Straight Coupler Busbar Support



Tube to wire

Catalogue.No	D1	D2
S1 D1 D2 03	(50.....250)	[(12-19)....(36-42)]

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.

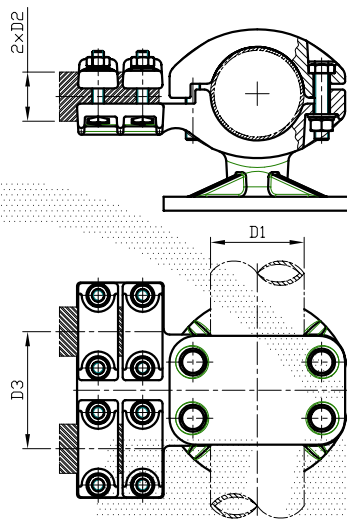
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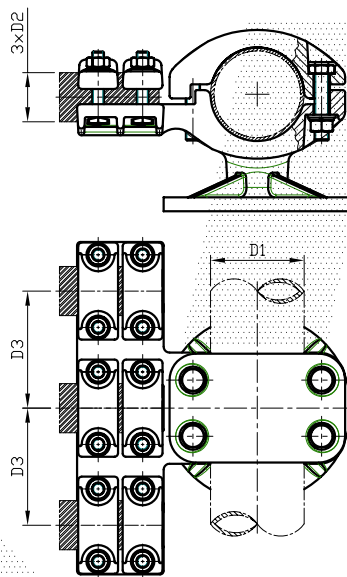
Yaragh Avaran Pooya(Y.A.P)

T-Connector Busbar Supports



Tube to two wires

Catalogue.No	D1	D2	D3
S1 D1 D2 04	(50.....250)	[(12-19)....(36-42)]	(100 or 200)



Tube to three wires

Catalogue.No	D1	D2	D3
S1 D1 D2 05	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



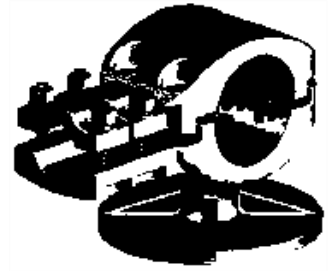
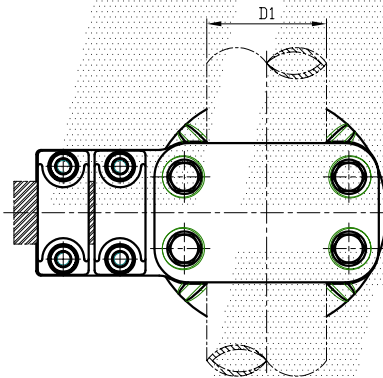
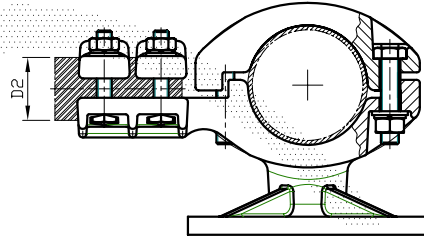
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Yaragh Avaran Pooya(Y.A.P)

T-Connector Busbar Support



Tube to wire

Catalogue.No	D1	D2
S1 D1 D2 06	(50.....250)	[(12-19)....(36-42)]

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.

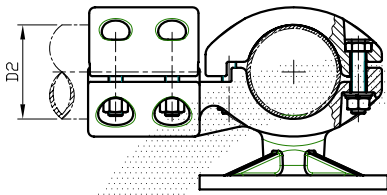
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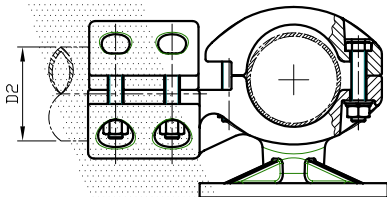
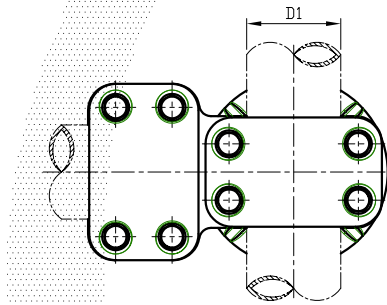
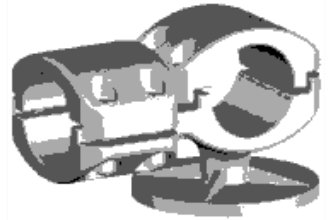
Yaragh Avaran Pooya(Y.A.P)

T-Connector Busbar Supports



Fix clamp

Catalogue.No	D1	D2
S3 D1 D2 03	(50.....250)	(50.....250)



Slide clamp

Catalogue.No	D1	D2
S3 D1 D2 04	(50.....250)	(50.....250)



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.

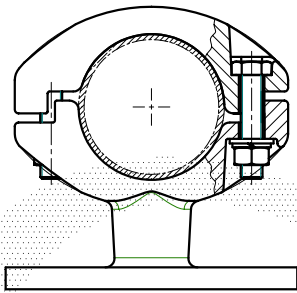
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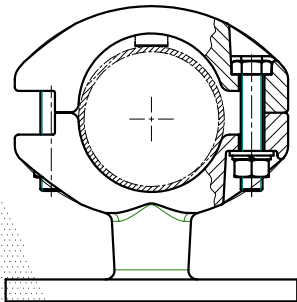
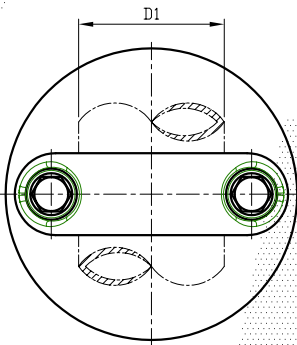
Yaragh Avaran Pooya(Y.A.P)

Busbar Supports



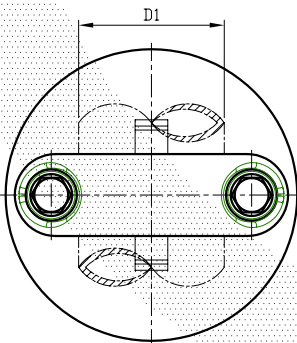
Fix busbar support

Catalogue.No	D1
S3 11 D1 01	(50.....250)



Slide busbar support

Catalogue.No	D1
S3 11 D1 02	(50.....250)



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



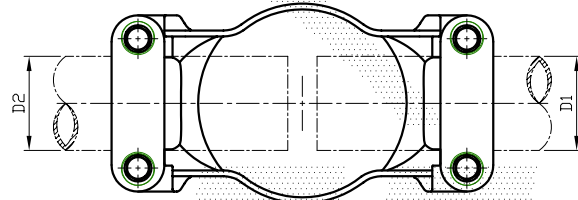
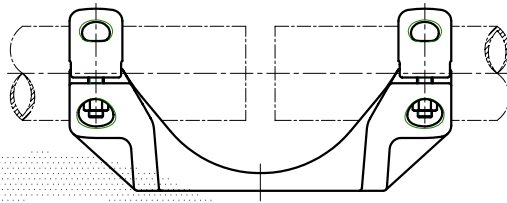
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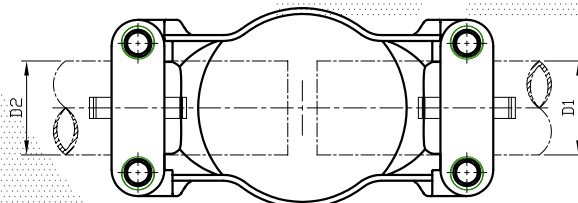
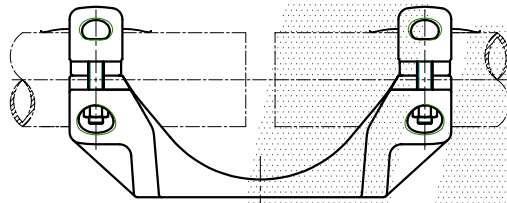
Yaragh Avaran Pooya(Y.A.P)

Busbar Support Expansions



Fix support

Catalogue.No	D1	D2
S3 D1 D2 05	(50.....250)	(50.....250)



Slide support

Catalogue.No	D1	D2
S3 D1 D2 06	(50.....250)	(50.....250)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



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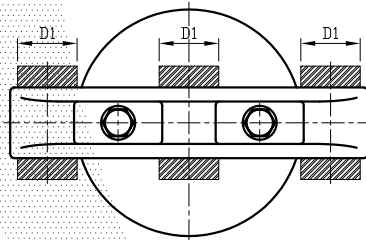
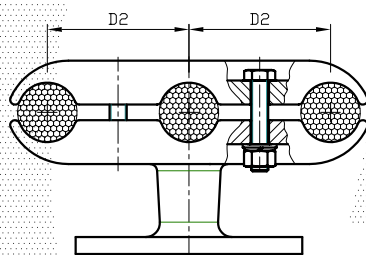
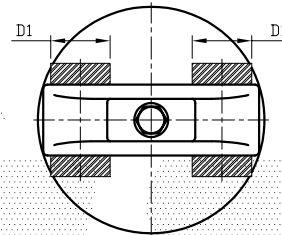
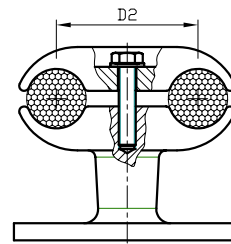


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Cable Supports

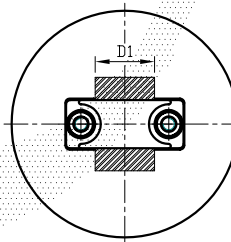
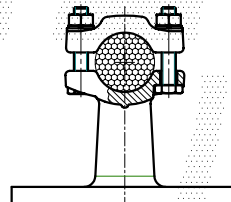
Double horizontal cable support

Catalogue.No	D1	D2
S3 22 D1 01	[(12-19)....(36-42)]	(100 or 200)



Triple horizontal cable support

Catalogue.No	D1	D2
S3 33 D1 01	[(12-19)....(36-42)]	(100 or 200)



Single horizontal cable support

Catalogue.No	D1
S1 11 D1 01	[(12-19)....(36-42)]

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



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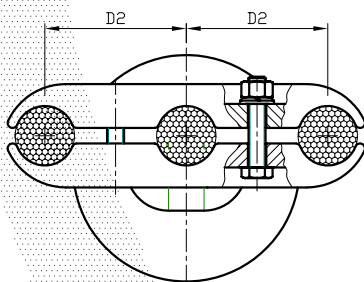
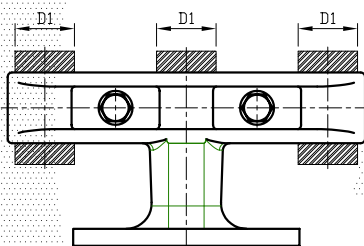
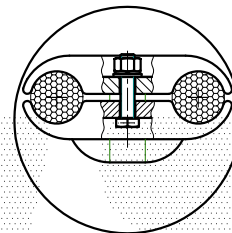
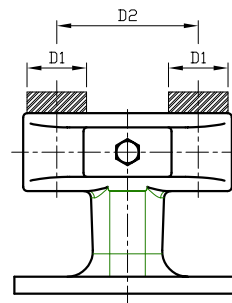


Yaragh Avaran Pooya(Y.A.P)

Cable Supports

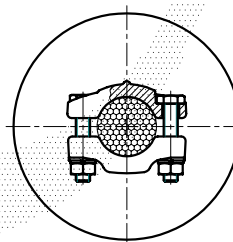
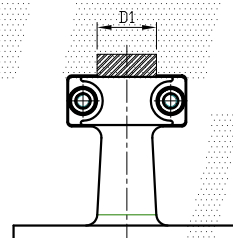
Double vertical cable support

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S3 22 D1 02	[(12-19)....(36-42)]	(100 or 200)



Triple vertical cable support

Catalogue.No	D1	D2
S3 33D1 02	[(12-19)....(36-42)]	(100 or 200)



Single vertical cable support

Catalogue.No	D1
S1 11 D1 02	[(12-19)....(36-42)]

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



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Yaragh Avaran Pooya(Y.A.P)

T-Connectors

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TUBE TO TWO WIRES

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SINGLE DUPLEX T-CONNECTORS

(WIRE/STUD) TO TWO WIRES

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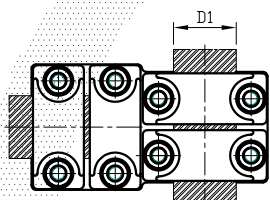
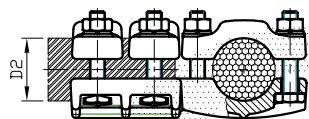
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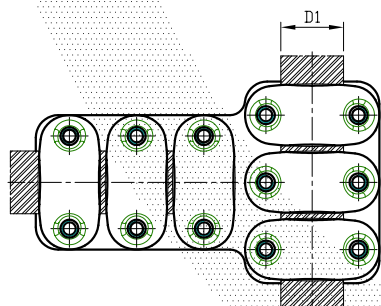
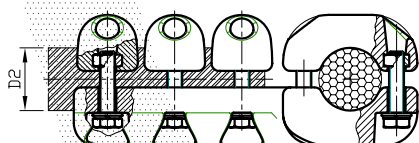
Yaragh Avaran Pooya(Y.A.P)

T-Connectors



(Wire/stud) to (wire/stud)

Catalogue.No	D1	D2
T1 D1 D2 01	[(12-19)....(36-42)]	[(12-19)....(36-42)]



(Wire/stud) to (wire/stud)

Catalogue.No	D1	D2
T2 D1 D2 01	[(12-19)....(36-42)]	[(12-19)....(36-42)]



Notes:

-The full specifications of all items is found in enclosed.

-All dimensions are in mm.

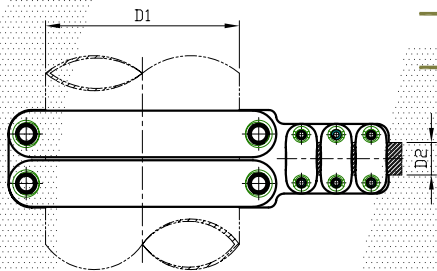
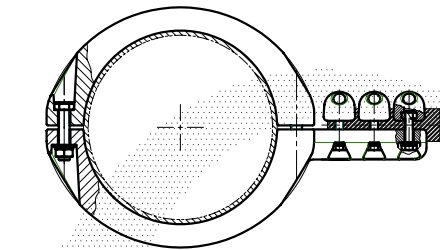
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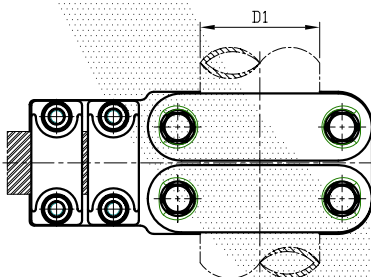
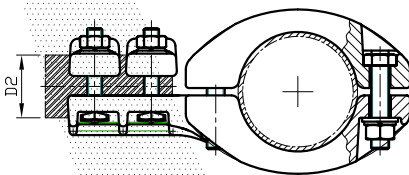
Yaragh Avaran Pooya(Y.A.P)

T-Connectors



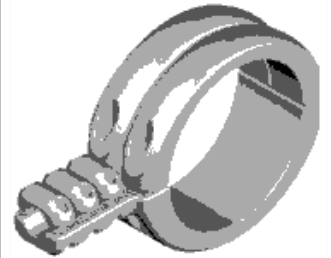
Tube to (wire/stud)

Catalogue.No	D1	D2
T2 D1 D2 02	(50.....250)	[(12-19)....(36-42)]



Tube to (wire/stud)

Catalogue.No	D1	D2
T1 D1 D2 02	(50.....250)	[(12-19)....(36-42)]



Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

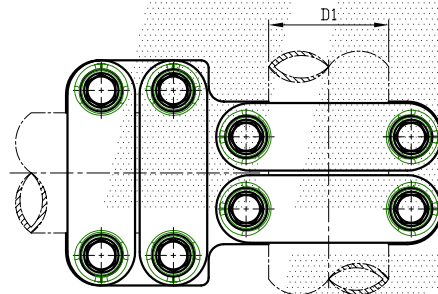
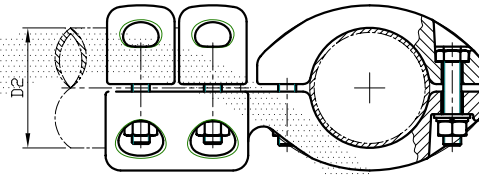
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Yaragh Avaran Pooya(Y.A.P)

T-Connector



Tube to tube

Catalogue.No	D1	D2
T3 D1 D2 01	(50.....250)	(50.....250)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

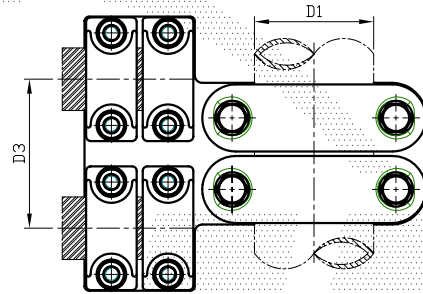
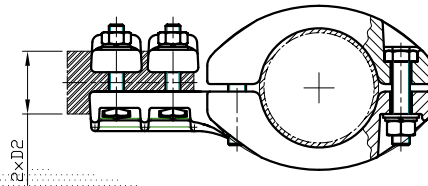
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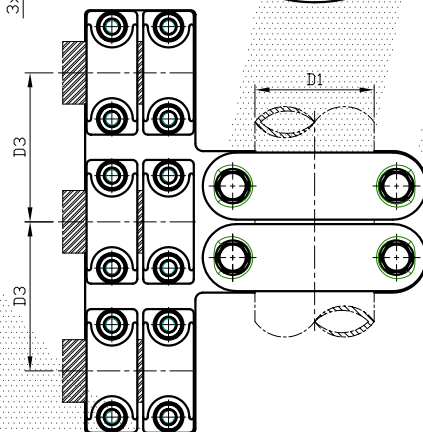
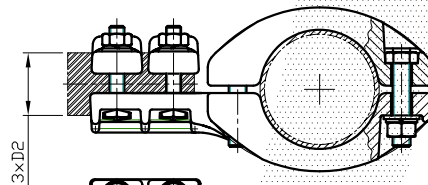
Yaragh Avaran Pooya(Y.A.P)

(Double/Triple) T-Connectors



Tube to two wires

Catalogue.No	D1	D2	D3
T1 D1 D2 03	(50.....250)	[(12-19)....(36-42)]	(100 or 200)



Tube to three wires

Catalogue.No	D1	D2	D3
T1 D1 D2 04	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

-The full specifications of all items is found in enclosed.

-All dimensions are in mm.



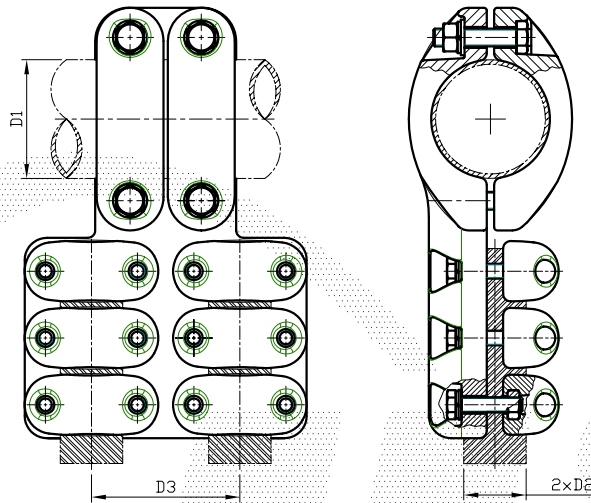
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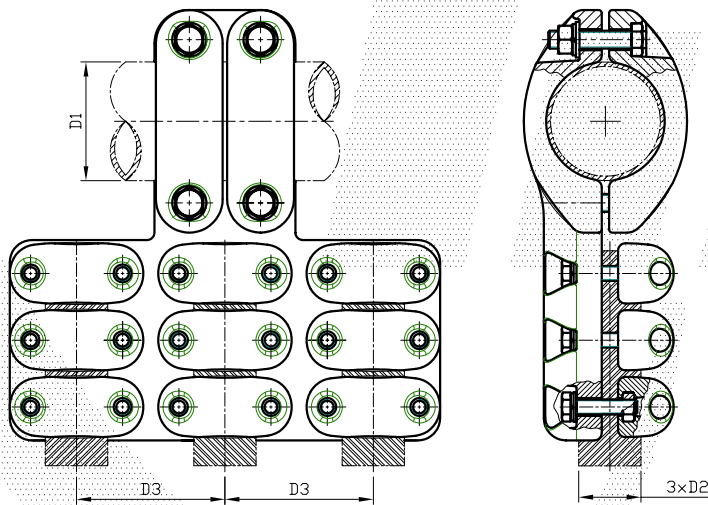
Yaragh Avaran Pooya(Y.A.P)

(Double/Triple) T-Connectors



Tube to two wires

Catalogue.No	D1	D2	D3
T2 D1 D2 03	(50.....250)	[(12-19)....(36-42)]	(100 or 200)



Tube to three wires

Catalogue.No	D1	D2	D3
T2 D1 D2 04	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



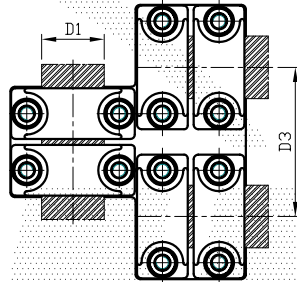
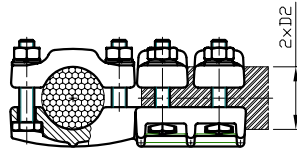
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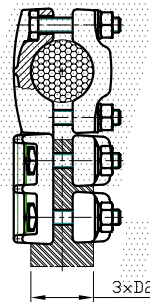
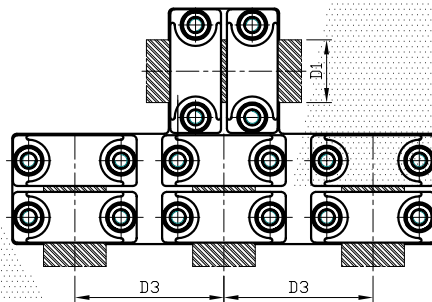
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(Double/Triple) T-Connectors



(Wire/stud) to two wires

Catalogue.No	D1	D2	D3
T1 D1 D2 05	[(12-19)...(36-42)]	[(12-19)...(36-42)]	(100 or 200)

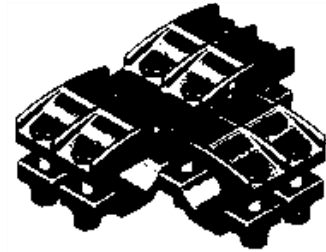


(Wire/stud) to three wires

Catalogue.No	D1	D2	D3
T1 D1 D2 06	[(12-19)...(36-42)]	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



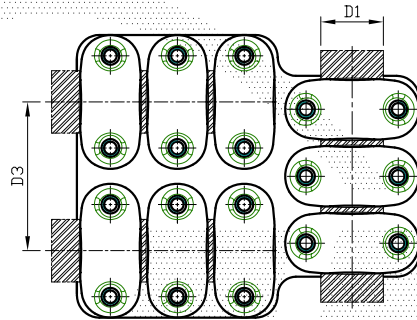
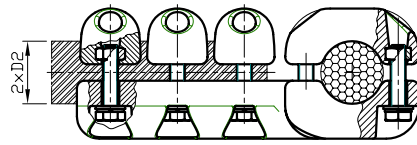
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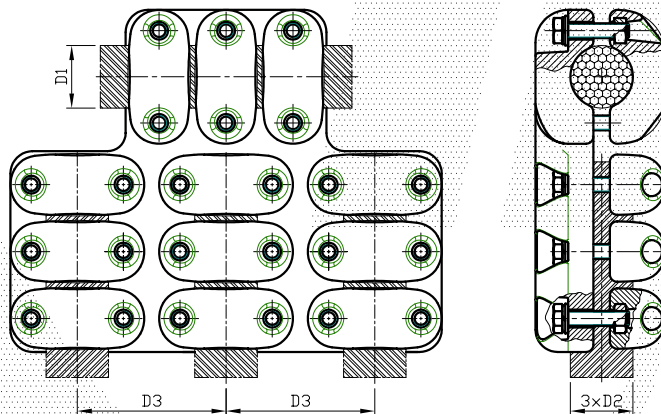
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(Double/Triple) T-Connectors



(Wire/stud) to two wires

Catalogue.No	D1	D2	D3
T2 D1 D2 05	[(12-19)...(36-42)]	[(12-19)...(36-42)]	(100 or 200)



(Wire/stud) to three wires

Catalogue.No	D1	D2	D3
T2 D1 D2 06	[(12-19)...(36-42)]	[(12-19)...(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.

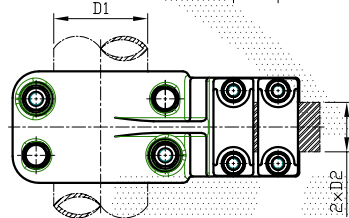
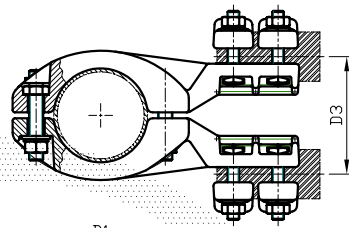
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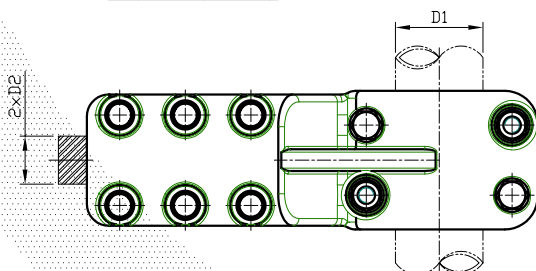
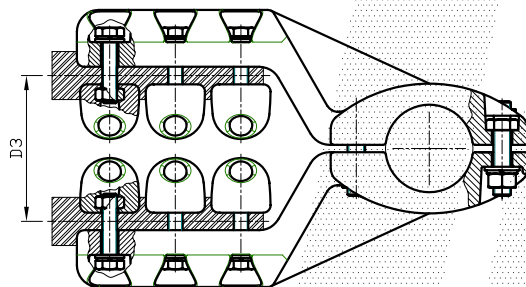
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Single Duplex T-Connectors



Tube to two wires

Catalogue.No	D1	D2	D3
T1 D1 D2 07	(50.....250)	[(12-19)....(36-42)]	(100 or 200)



Tube to two wires

Catalogue.No	D1	D2	D3
T2 D1 D2 07	(50.....250)	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



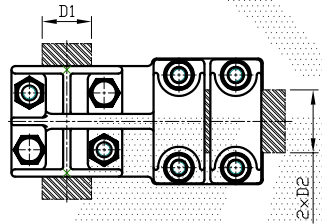
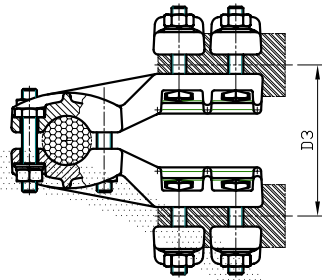
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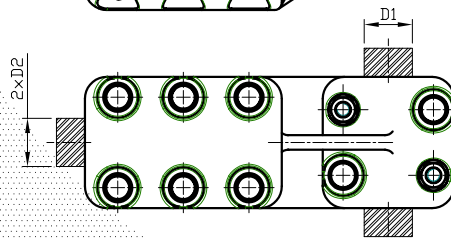
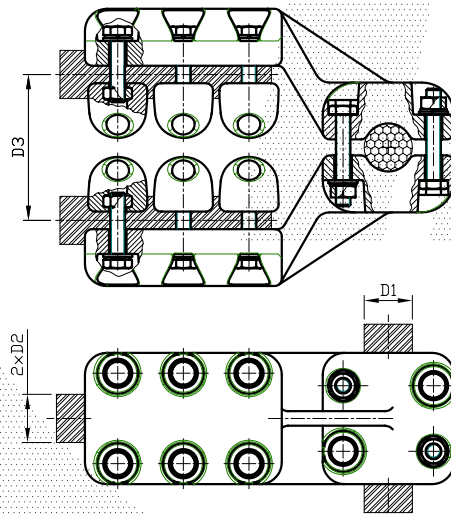
Yaragh Avaran Pooya(Y.A.P)

Single Duplex T-Connectors



(Wire/stud) to two wires

Catalogue.No	D1	D2	D3
T1 D1 D2 08	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)

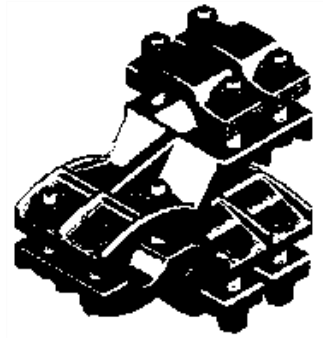


(Wire/stud) to two wires

Catalogue.No	D1	D2	D3
T2 D1 D2 08	[(12-19)....(36-42)]	[(12-19)....(36-42)]	(100 or 200)

Notes:

- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



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Expansions

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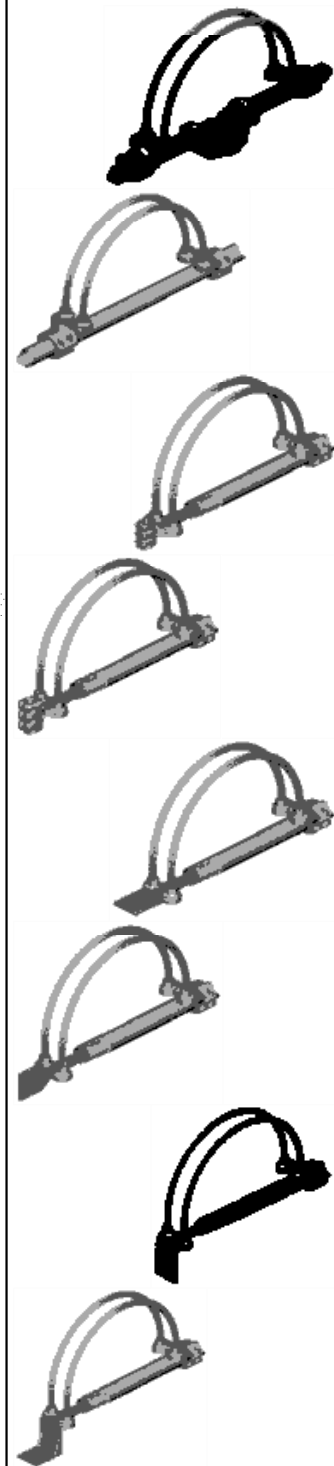
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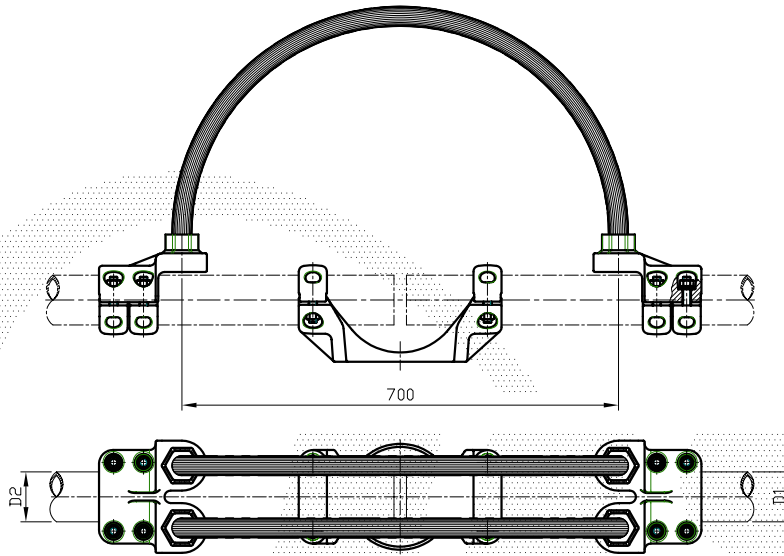
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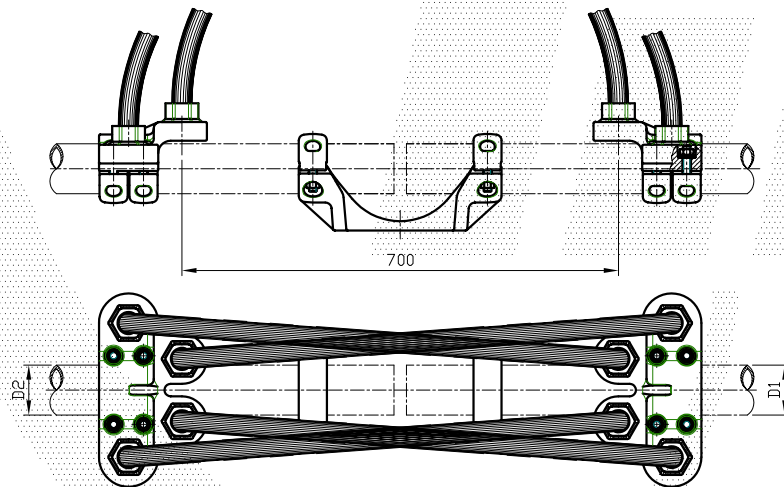
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Expansion Couplers (With Support)



Two wires

Catalogue.No	D1	D2
U3 D1 D2 01	(50.....250)	(50.....250)



Four wires

Catalogue.No	D1	D2
U3 D1 D2 02	(50.....250)	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative busbar plates, please refer to annex-c.



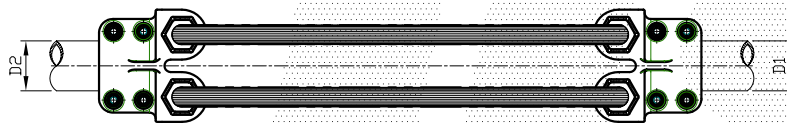
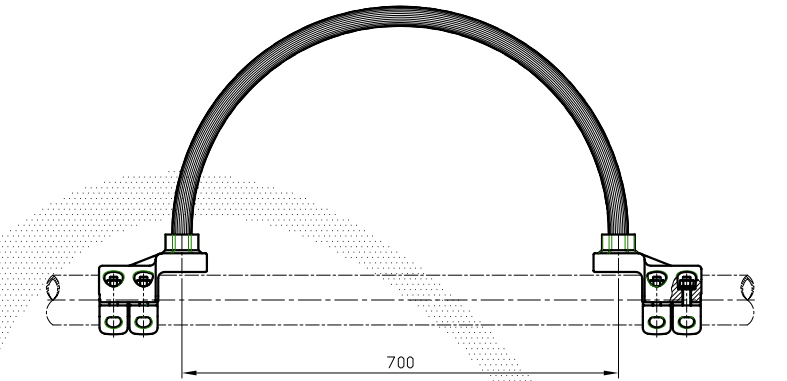
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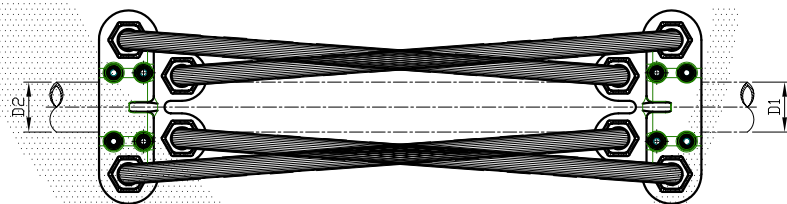
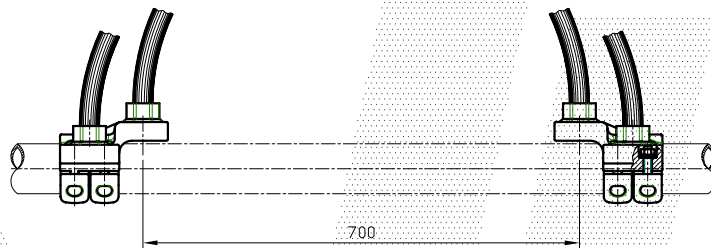
Yaragh Avaran Pooya(Y.A.P)

Expansion Couplers (Without Support)



Two wires

Catalogue.No	D1	D2
U3 D1 D2 03	(50.....250)	(50.....250)



Four wires

Catalogue.No	D1	D2
U3 D1 D2 04	(50.....250)	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



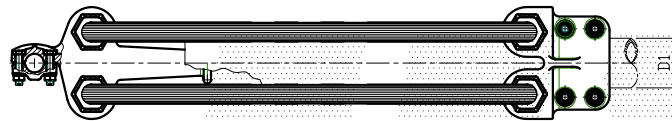
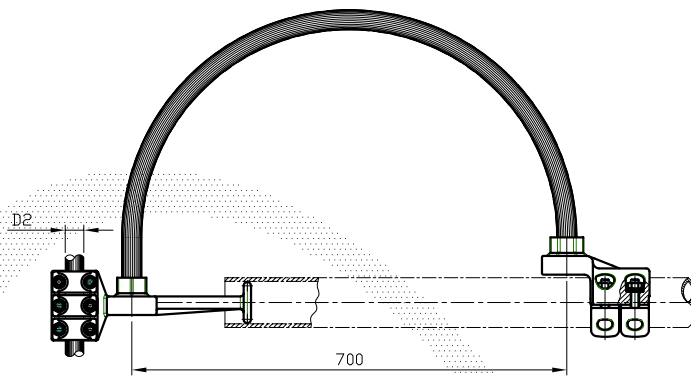
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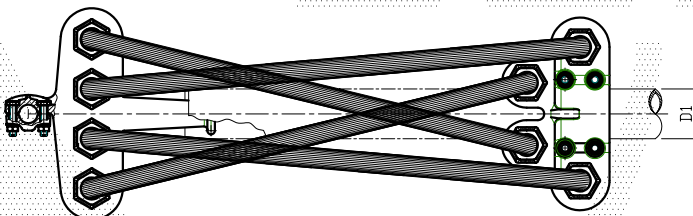
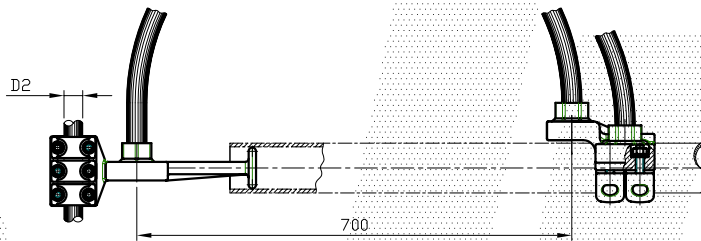
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Expansion Vertical Connectors



Two wires

Catalogue.No	D1	D2
U1 D1 D2 01	(50.....250)	(30.....80)



Four wires

Catalogue.No	D1	D2
U1 D1 D2 02	(50.....250)	(30.....80)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



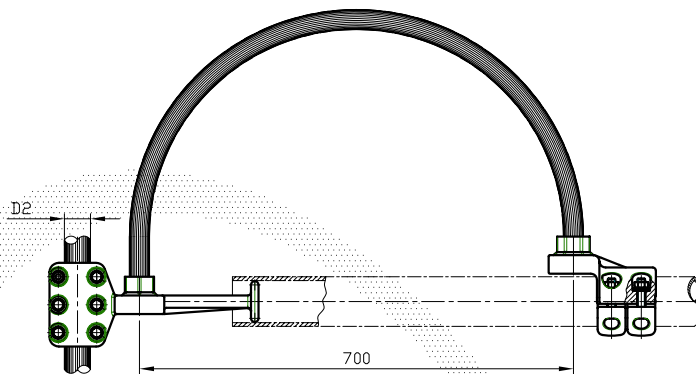
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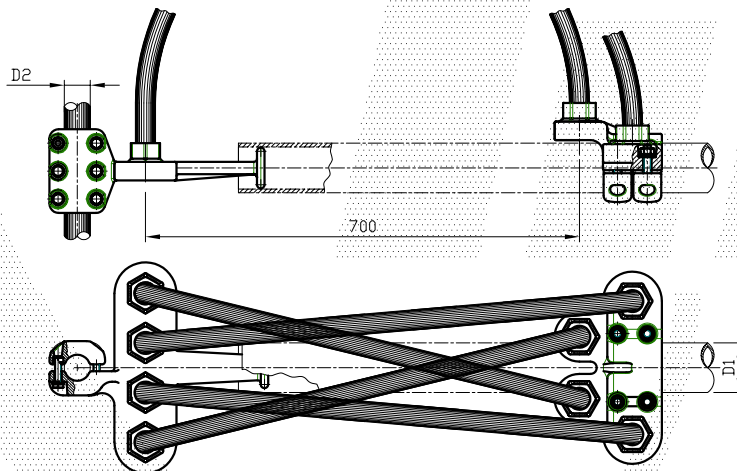
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Expansion Vertical Connectors



Two wires

Catalogue.No	D1	D2
U2 D1 D2 01	(50.....250)	(30.....80)



Four wires

Catalogue.No	D1	D2
U2 D1 D2 02	(50.....250)	(30.....80)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



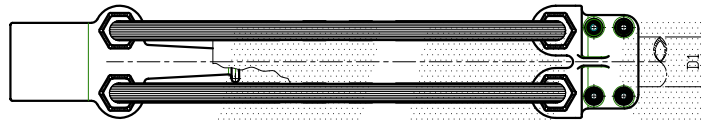
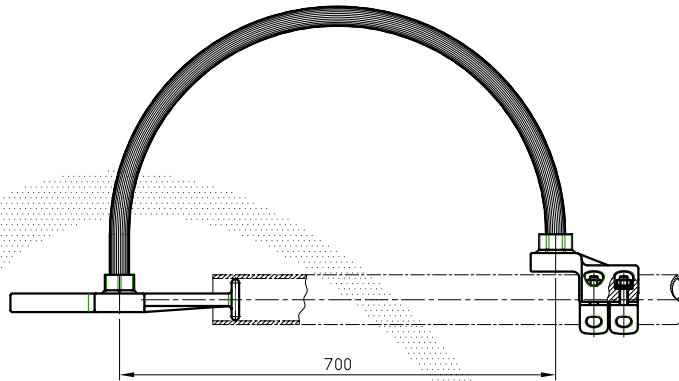
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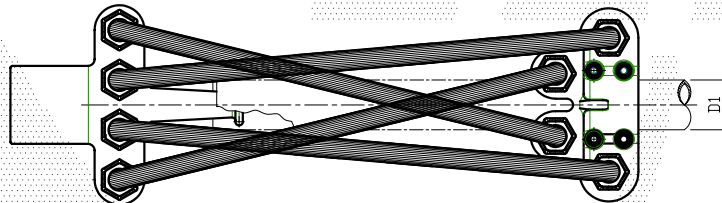
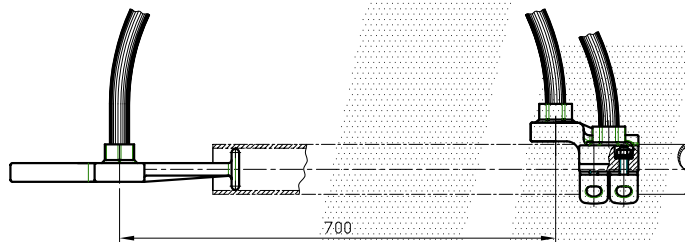
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Expansion Terminals



Flat Terminal (two wires)

Catalogue.No	D1
U3 00 D1 01	(50.....250)



Flat Terminal (four wires)

Catalogue.No	D1
U3 00 D1 02	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



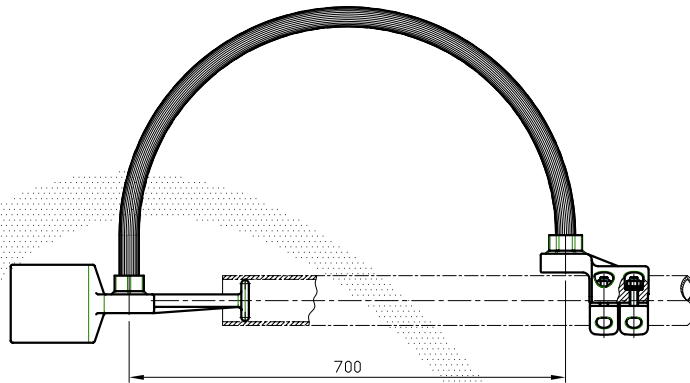
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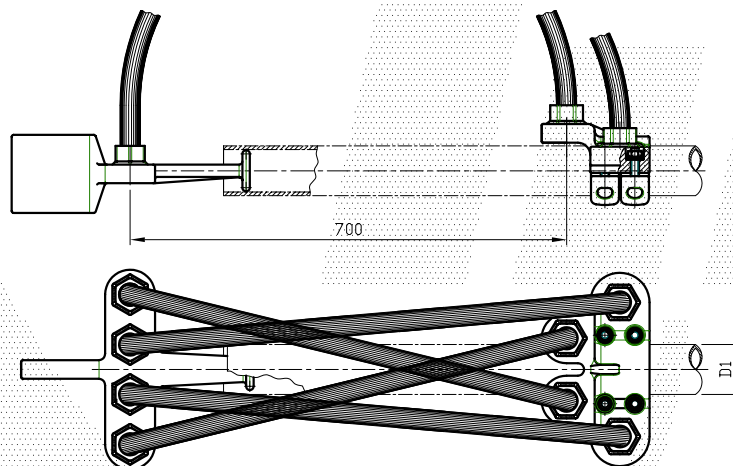
Yaragh Avaran Pooya(Y.A.P)

Expansion Terminals



Flat Terminal-90° (two wires)

Catalogue.No	D1
U3 00 D1 03	(50.....250)



Flat Terminal-90° (four wires 90°)

Catalogue.No	D1
U3 00 D1 04	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



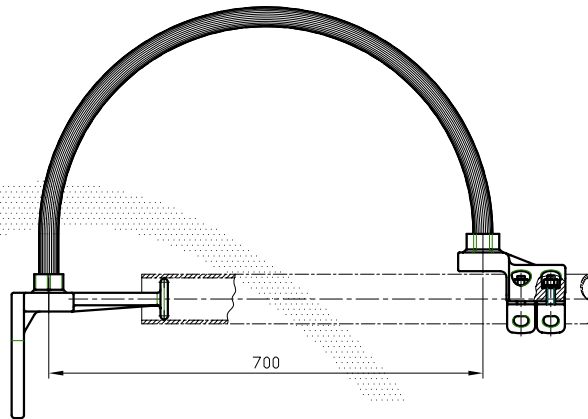
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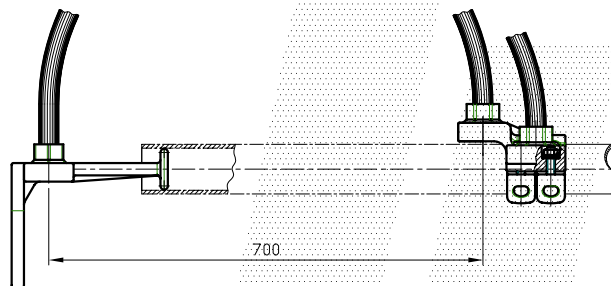
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Expansion Terminals



Vertical Terminal (two wires)

Catalogue.No	D1
U3 11 D1 01	(50.....250)



Stepped Terminal (four wires)

Catalogue.No	D1
U3 11 D1 02	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



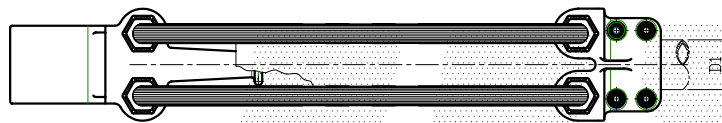
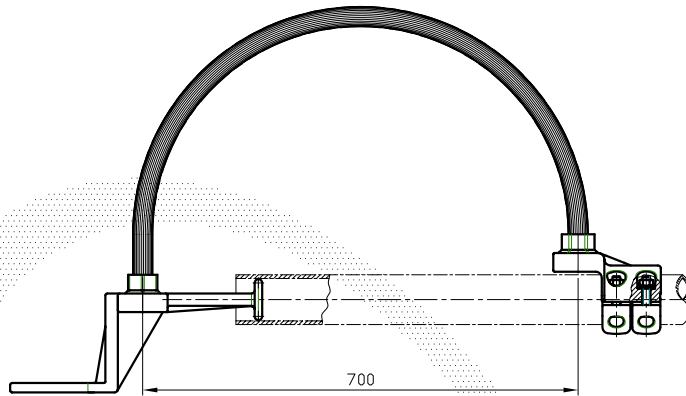
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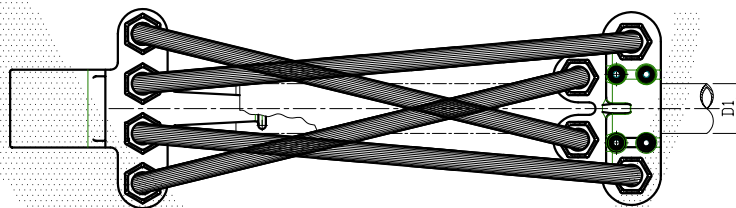
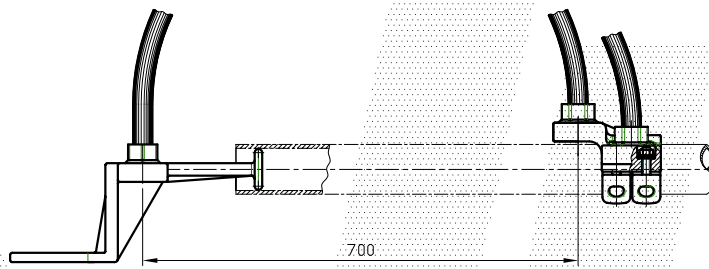
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Expansion Terminals



Stepped Terminal (two wires)

Catalogue.No	D1
U3 22 D1 01	(50.....250)



Stepped Terminal (four wires)

Catalogue.No	D1
U3 22 D1 02	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.
- For ordering of relative terminal plates, please refer to annex-b.



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Corona bells

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EXTERNAL CORONA BELLS

WITHOUT DAMPING WIRE

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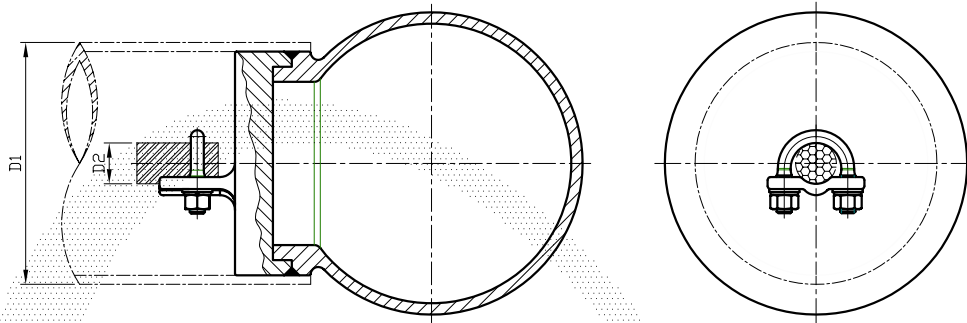
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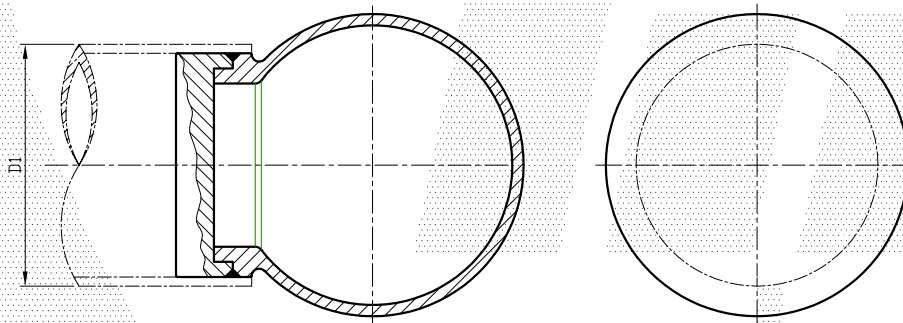
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Corona Bells



With damping wire

Catalogue.No	D1	D2
X3 D1 D2 01	(80.....250)	[(12-19)....(36-42)]



without damping wire

Catalogue.No	D1
X3 D1 01	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



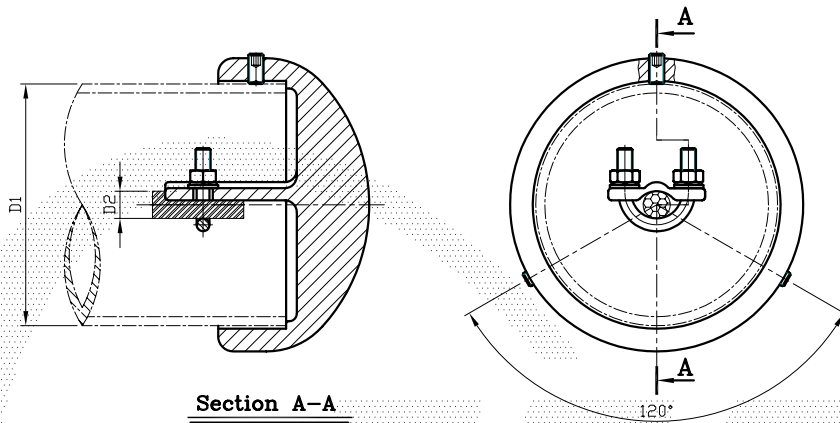
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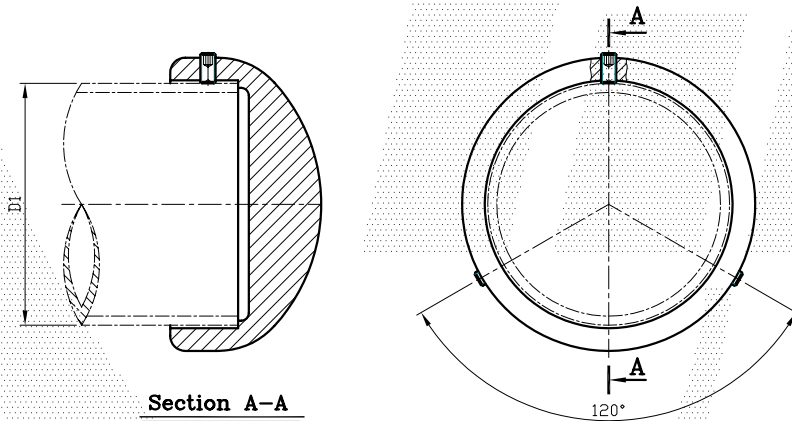
Corona Bells



Section A-A

With damping wire

Catalogue.No	D1	D2
X3 D1 D2 02	(80.....250)	[(12-19)....(36-42)]



Section A-A

without damping wire

Catalogue.No	D1
X3 D1 02	(50.....250)

Note:

- It is necessary to specify the tube thickness.
- The full specifications of all items is found in enclosed.
- All dimensions are in mm.



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Yaragh Avaran Pooya(Y.A.P)

Clamping Range Codes

Note:

To facilitate ordering of the clamps, the clamping data are given in the following range codes.

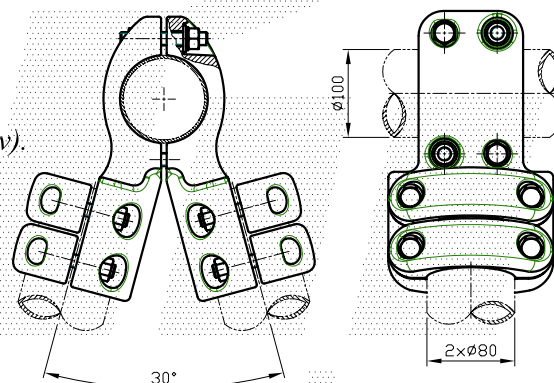
Ranges (mm)	Ø(12-19)	Ø(19-27)	Ø(26-33)	Ø(32-37)	Ø(36-42)	Ø(30)	Ø(32)	Ø(40)	Ø(42)
Code No.	00	01	02	03	04	30	32	40	42
Ranges (mm)	Ø(50)	Ø(60)	Ø(62)	Ø(80)	Ø(100)	Ø(120)	Ø(160)	Ø(200)	Ø(250)
Code No.	50	60	62	80	10	12	16	20	25

Example 1:

Upper A-Frame connector, 30°, tube diameter 100/80, (400kv).

Upper A-Frame (400kv)

Catalogue.No	D1	D2
A3 10 80 01	100	80

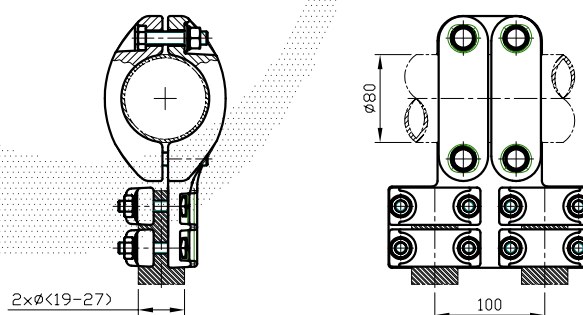


Example 2:

*T-Clamp for connection AL tube 80/6 to 2*400 Sqmm AASC. (132kv).*

T-connector tube to two wire (132kv)

Catalogue.No	D1	D2	D3
T1 80 01 03	80	01	100



Note:

-All dimensions are in mm.

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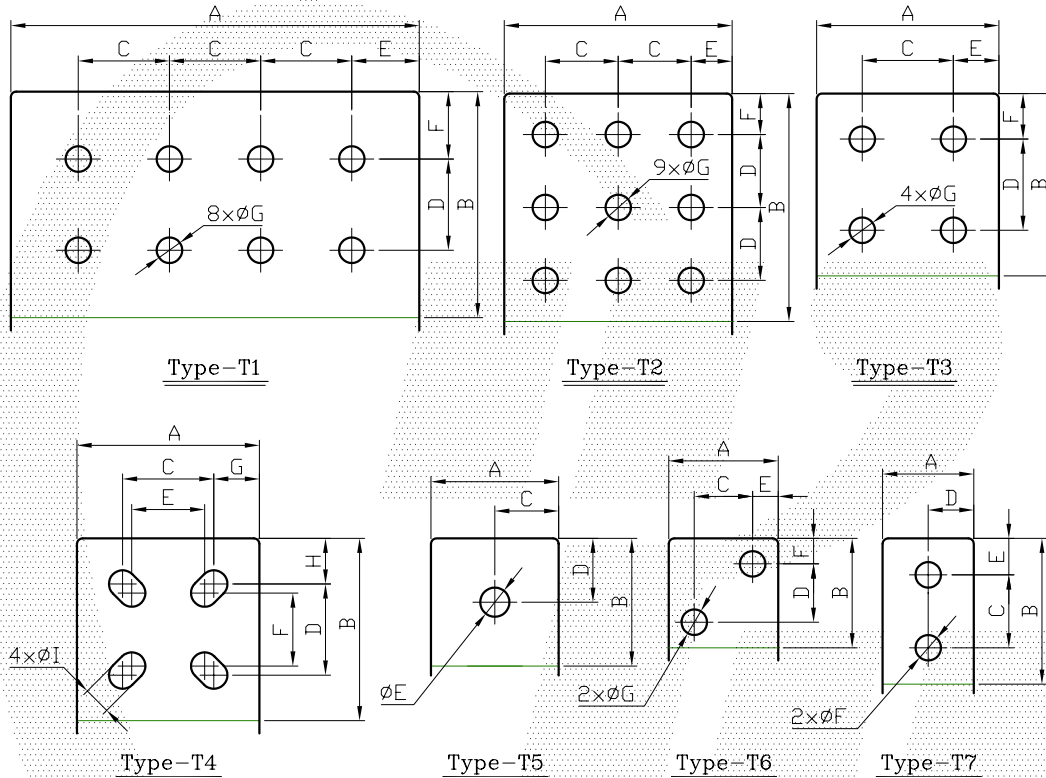


Yaragh Avaran Pooya (Y.A.P.)

Guide To The Selection Of Terminal Plates

Note:

All kinds of terminal plates can be ordered through Annex-B, which is shown below.



Example:

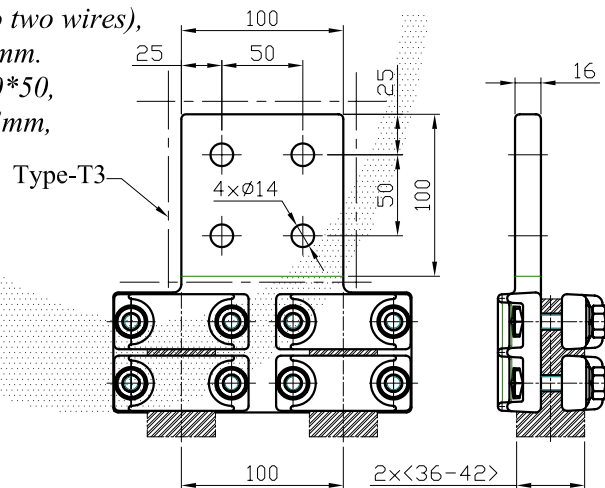
Straight connector, 132kv (flat to two wires),
Ax 100mm, wire diameter Ø41.1mm.
flat size 100*100mm, spacing 50*50,
edge distance 25mm, 4holes Ø14mm,

Flat to two wires (132kv)

Catalogue.No	D1	D2
L1 00 04 02	04	100

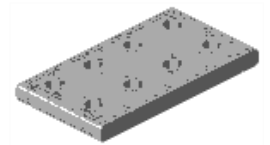
Type-T3

A=100 B=100 C=50
D=50 E=25 F=25
G=14



Note:

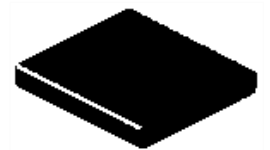
-All dimensions are in mm.



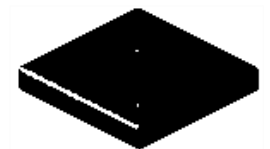
Type-T1



Type-T2



Type-T3



Type-T4



Type-T5



Type-T6



Type-T7

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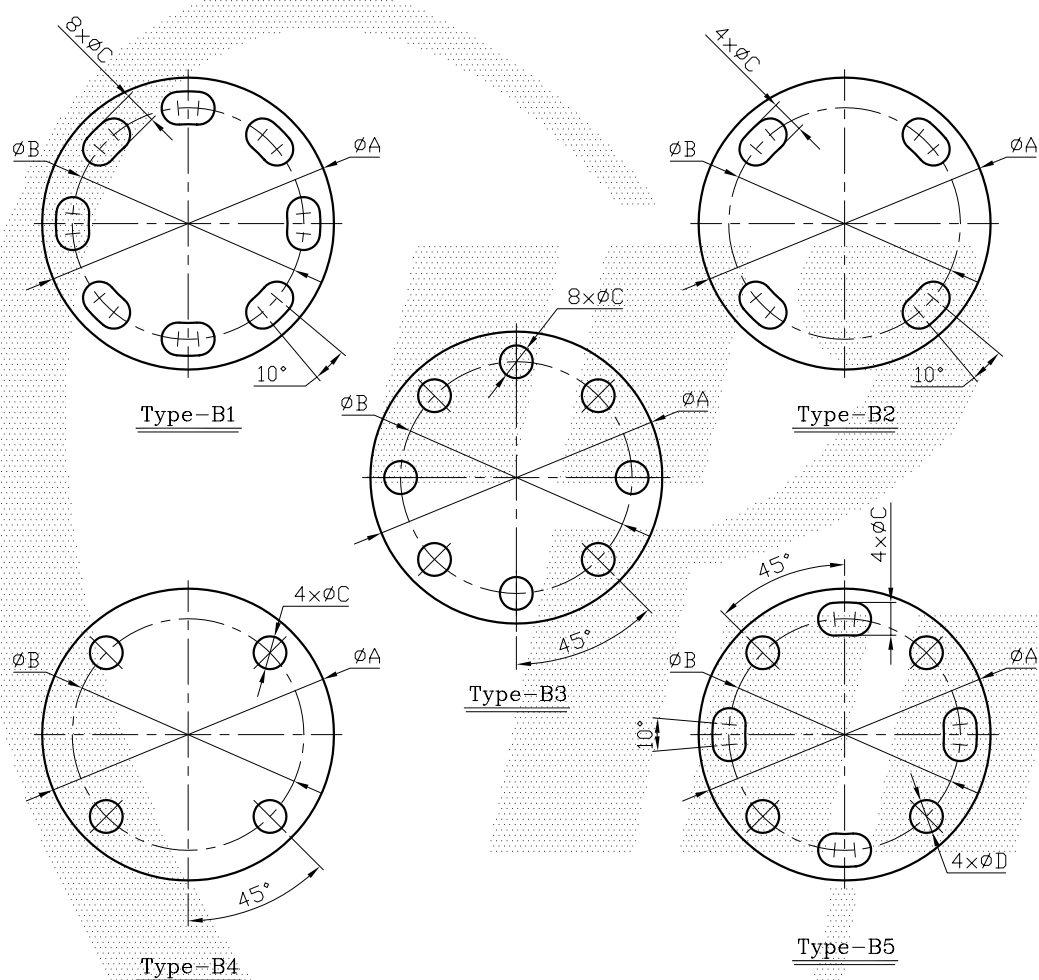


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Guide To The Selection Of Busbar Plates

Note:

All kinds of busbar plates can be ordered through Annex-C, which is shown below.
Due to its effectiveness is recommended, to use 8holes elliptic.



Example:

Tube support on post insulator, fix type,
tube diameter 80mm, pitch circle 127mm,
plate diameter 160mm, 8holes elliptic $\phi 18$ mm (400kv).

Fix busbar support (400kv)

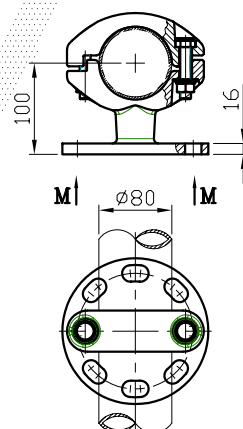
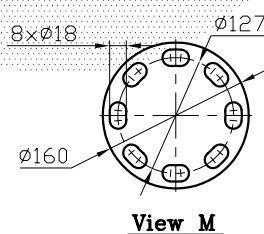
Catalogue.No	D1
S3 11 80 01	80

Type-B1

A=160 B=127 C=18

Note:

-All dimensions are in mm.



Type-B1



Type-B2



Type-B3



Type-B4



Type-B5

Website: www.yap-co.com

E-mail: info@yap-co.com



Yaragh Avaran Pooya (Y.A.P.)