



"Offers Confidence"

PRODUCT CATALOGUE

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ABOUT US

HAGI PLAST has been operating in the construction materials sector for many years and aims to offer the highest quality products, the most advantageous prices and the shortest delivery time by prioritizing customer satisfaction. Hagi Plast is offering products in 3 different sectors: Iron & Steel, Construction Materials and Raw Materials.

As Hagi Plast, we follow new technologies and offer products that provide superior quality and customer satisfaction to the market.

With our production of steel flanges and fittings up to DN3000 diameter, we become a solution partner for our customers in their projects.

In addition, we provide our customers with the supply of plastic and steel pipes, fittings, valves, raw material, Steel sheets & coils, forklifts and many different products, enabling our customers to meet all their needs through a single supplier.

VISSION & MISSION

Hagi Plast is known worldwide for its wide product range, superior quality, professional and punctual customer-oriented service, definite delivery times and after-sales service!

With our professional purchasing and sales team, we supply all the products that our customers need in their projects by making them into packages, and we also provide logistics services. Currently, we are exporting to more than 10 countries and we are also supplying products to different projects domestically. In this sense, our mission is to invest in the international arena and ensure the continuous growth of our company.

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SUPERSTRUCTURE GROUP

PP-R PIPES & FITTINGS

PP-R STANDARD PIPE

PP-R pipes are withstand higher operating pressures at extreme temperatures, higher flow rates and resistance to chlorine. Polypropylene material has very high impact resistance.

PP-R piping system use for hot and cold water distribution in buildings, floor and central heating and air conditioning.

COMPARASION WITH STEEL PIPE

Corrosion and scaling can reduce the inside of steel pipes by an average of 3% per year, resulting in lost efficiency and up to 10% increased pumping energy annually. This can add up to thousands of dollars in hidden energy costs over the life of the system.



ADVANTAGES

- It can be used between 5°C – 95°C.
- Operation pressure: 20 bars at 20°C and 10 bars at 90°C.
- High resistant againts corrosion, tuberculation, deposits.
- Can be used in drinking water systems.
- Restriction doesn't occur in its welding places. It has high welding performance.
- Taste, color and scent of the water doesn't change.
- Resistance to chlorine and chloramine disinfectants.
- It makes savings in montage process.
- Typically reduced product and installation costs as compared with metallic piping systems.
- Resistant to chemicals.
- It has smooth inner surface.
- Long service life.
- It is resistant to freezing in cold weather.
- Soundproof.

USAGE AREAS

- Hot- and cold-water plum bing distribution, residential and commer - cial,
- Drinking water line installation systems, Hydronic distribution to radia- tors, convectors, fan coils, chilled beams,
- Underfloor & central heating systems,
- Air ducts or if applicable for other use in industry systems,
- Reclaimed water collection and distributio
- Agriculture systems,

PP-R PIPE – EN ISO 15874-2

SDR 11		SDR 7.4		SDR 6		SDR 5	
PN 10		PN 16		PN 20		PN 25	
DN	WT	DN	WT	DN	WT	DN	WT
20	1.9	20	2.8	20	3.4	20	4.1
25	2.3	25	3.5	25	4.2	25	5.1
32	2.9	32	4.4	32	5.4	32	6.5
40	3.7	40	5.5	40	6.7	40	8.1
50	4.6	50	6.9	50	8.3	50	10.1
63	5.8	63	8.6	63	10.5	63	12.7
75	6.8	75	10.3	75	12.5	75	15.1
90	8.2	90	12.3	90	15	90	18.1
110	10.0	110	15.1	110	18.3	110	22.1

SDR – Standart Dimension Rate

PN – Nominal Pressure

DN – Nominal Diameter

WT – Wall Thickness

PP-R FIBERGLASS PIPE

ADVANTAGES

- Resistant to acid and chlorine.
- It can be used between 5°C – 95°C.
- Operation pressure: 20 bars at 20°C and 10 bars at 90°C.
- High resistant against corrosion, tuberculation, deposits.
- Can be used in drinking water systems.
- Restriction doesn't occur in its welding places. It has high welding performance.
- Taste, color and scent of the water doesn't change.
- Resistance to chlorine and chloramine disinfectants.
- It makes savings in montage process.
- Typically reduced product and installation costs as compared with metallic piping systems.
- Resistant to chemicals.
- It has smooth inner surface.
- Long service life.
- It is resistant to freezing in cold weather.
- Soundproof.

USAGE AREAS

- Drinking water line installation systems
- Suitable for hot and cold water transfers in buildings systems
- Underfloor & central heating systems
- Air ducts or if applicable for other use in industry systems
- Agriculture systems



SDR 7.4		SDR 6	
PN 20		PN 25	
DN	WT	DN	WT
20	2.8	20	3.4
25	3.5	25	4.2
32	4.4	32	5.4
40	5.5	40	6.7
50	6.9	50	8.3
63	8.6	63	10.5
75	10.3	75	12.5
90	12.3	90	15
110	15.1	110	18.3

PP-R ALUMINUM PIPE

ADVANTAGES

- Resistant to acid and chlorine.
- It can be used between 5°C – 95°C.
- Operation pressure: 20 bars at 20°C and 10 bars at 90°C.
- High resistant against corrosion, tuberculation, deposits.
- Can be used in drinking water systems.
- Restriction doesn't occur in its welding places. It has high welding performance.
- Taste, color and scent of the water doesn't change.
- Resistance to chlorine and chloramine disinfectants.
- It makes savings in montage process.
- Typically reduced product and installation costs as compared with metallic piping systems.
- Resistant to chemicals.
- It has smooth inner surface.
- Long service life.
- It is resistant to freezing in cold weather.
- Soundproof.

USAGE AREAS

- Drinking water line installation systems
- Suitable for hot and cold water transfers in buildings systems
- Underfloor & central heating systems
- Air ducts or if applicable for other use in industry systems
- Agriculture systems



SDR 6	
PN 25	
DN	WT
20	3.4
25	4.2
32	5.4
40	6.7
50	8.3
63	10.5
75	12.5



PP-R SOCKET

Size (mm)	Pack Quantity
20	400
25	260
32	150
40	100
50	50
60	30
75	15
90	10
110	7
125	2



PP-R REDUCER

Size (mm)	Pack Quantity
25 x 20	400
32 x 20	240
32 x 25	250
40 x 20	190
40 x 25	180
40 x 32	150
50 x 20	70
50 x 25	75
50 x 32	50
50 x 40	50
63 x 25	30
63 x 32	27
63 x 40	25
63 x 50	24
75 x 50	17
75 x 63	30
90 x 50	14
90 x 63	14
90 x 75	12
110 x 63	8
110 x 75	8
110 x 90	6
125 x 90	6
125 x 110	5



**PP-R REDUCER
ELBOW 90°**

Size (mm)	Pack Quantity
25 x 20	170
32 x 25	110



Size (mm)	Pack Quantity
20 x 1/2"	60
25 x 1/2"	60

PP-R FEMALE BATTERY CONNECTION



Size (mm)	Pack Quantity
20 x 1/2"	60
25 x 1/2"	60

PP-R MALE BATTERY CONNECTION



PP-R REDUCER SOCKET

Size (mm)	Pack Quantity
25 x 20	250
32 x 20	200
32 x 25	180
40 x 20	150
40 x 25	140
40 x 32	125
50 x 20	100
50 x 25	100
50 x 32	80
50 x 40	75
63 x 20	40
63 x 25	40
63 x 32	40
63 x 40	40
63 x 50	35



PP-R CROSS

Size (mm)	Pack Quantity
20	160
25	90
32	55
40	40



PP-R ELBOW 90°

Size (mm)	Pack Quantity
20	300
25	180
32	90
40	50
50	36
60	12
75	8
90	5
110	2
125	2



PP-R ELBOW 45°

Size (mm)	Pack Quantity
20	350
25	200
32	120
40	60
50	35
63	23
75	10
90	6
110	4



PP-R STREET ELBOW 90°

Size (mm)	Pack Quantity
20	300
25	180
32	100



PP-R TEE

Size (mm)	Pack Quantity
20	180
25	100
32	60
40	40
50	22
63	11
75	8
90	5
110	2
125	2



PP-R REDUCER TEE

Size (mm)	Pack Quantity
20 x 20 x 20	130
25 x 20 x 20	150
25 x 20 x 25	120
25 x 25 x 20	110
32 x 20 x 20	80
32 x 20 x 25	75
32 x 20 x 32	60
32 x 25 x 25	100
32 x 25 x 20	75
32 x 25 x 32	70
40 x 20 x 40	45
40 x 25 x 40	45
40 x 32 x 40	45
50 x 20 x 50	27

Size (mm)	Pack Quantity
50x25x50	30
52 x 32 x 50	25
50 x 40 x 50	25
63 x 20 x 63	15
63 x 25 x 63	15
63 x 32 x 63	15
63 x 40 x 63	15
63 x 50 x 63	15
75 x 20 x 75	10
75 x 25 x 75	10
75 x 32 x 75	10
75 x 40 x 75	10
75 x 50 x 75	10
75 x 63 x 75	10
90x25x90	5
90x32x90	5
90x40x90	5
90x50x90	5
90x63x90	5
90x75x90	4
110 x 32x110	2
110x40x110	2
110x50x110	2
110x63x110	2
110x75x110	2
110x90x110	2
125x110x110	2
125x110x125	2



PP-R END CAP

Size (mm)	Pack Quantity
20	650
25	400
32	200
40	70
50	55
63	30
75	18
90	10
110	7
125	6



Size (mm)	Pack Quantity
20	60
25	65
32	25
40	40

PP-R CROSSOVER



Size (mm)	Pack Quantity
20 x 1/2"	130
20 x 3/4"	90
25 x 1/2"	110
25 x 3/4"	90
25 x 1"	50
32 x 1/2"	70
32 x 3/4"	70
32 x 1"	50

PP-R FEMALE NIPPLE



Size (mm)	Pack Quantity
32 x 1"	36
40 x 1 1/4"	32
50 x 1 1/2"	20
63 x 2"	12
75 x 2 1/2"	8
90 x 3"	3
110 x 4"	4
125 x 5"	2

PP-R FEMALE NIPPLE HEXAGONAL



Size (mm)	Pack Quantity
20	190
25	100
32	50

PP-R SHORT CROSSOVER



Size (mm)	Pack Quantity
20 x 1/2"	25
20 x 3/4"	25
25 x 1/2"	25
25 x 3/4"	20

PP-R FEMALE DOUBLE BATTERY CONNECTION



**PP-R MALE
NIPPLE**

Size (mm)	Pack Quantity
20 x 1/2"	100
20 x 3/4"	80
25 x 1/2"	100
25 x 3/4"	75
25 x 1"	40
32 x 1/2"	60
32 x 3/4"	60
32 x 1"	40



**PP-R MALE
NIPPLE HEXAGONAL**

Size (mm)	Pack Quantity
32 x 1"	50
32 x 1 1/4"	30
40 x 1"	20
40 x 1 1/4"	30
50 x 1 1/2"	13
63 x 2"	17
75 x 2 1/2"	8
90 x 3"	2
110 x 4"	2
125 x 5"	2



**PP-R FEMALE
ELBOW**

Size (mm)	Pack Quantity
20 x 1/2"	140
20 x 3/4"	55
25 x 1/2"	70
25 x 3/4"	50
32 x 1/2"	40
32 x 3/4"	40
32 x 1"	25
40 x 1 1/4"	30



**PP-R MALE
ELBOW**

Size (mm)	Pack Quantity
20 x 1/2"	70
20 x 3/4"	45
25 x 1/2"	65
25 x 3/4"	45
32 x 1/2"	40
32 x 3/4"	40
32 x 1"	20
40 x 1 1/4"	27



PP-R FEMALE TEE

Size (mm)	Pack Quantity
20 x 1/2" x 20	65
20 x 3/4" x 20	60
25 x 1/2" x 25	60
25 x 3/4" x 25	60
32 x 1/2" x 32	40
32 x 3/4" x 32	40
32 x 1" x 32	22
40 x 1/2"	20
40 x 3/4"	20
40 x 1"	20
50 x 1/2"	15
50 x 3/4"	15
50 x 1"	15
63 x 1/2"	12
63 x 3/4"	9
63 x 1"	9



PP-R MALE TEE

Size (mm)	Pack Quantity
20 x 1/2" x 20	60
20 x 3/4"	75
25 x 1/2" x 25	50
25 x 3/4" x 25	55
32 x 1/2" x 32	40
32 x 3/4" x 32	40
32 x 1" x 32	20
40 x 1/2"	20
40 x 3/4"	20
40 x 1"	20
50 x 1/2"	15
50 x 3/4"	15
50 x 1"	15
63 x 1/2"	8
63 x 3/4"	8
63 x 1"	8



PP-R FEMALE TRANSITION UNION

Size (mm)	Pack Quantity
20 x 1/2"	140
20 x 3/4"	130
20 x 1"	75
25 x 1/2"	80
25 x 3/4"	80
25 x 1"	75
32 x 1/2"	90
32 x 3/4"	50
32 x 1"	54
32 x 1 1/4"	50
40 x 1 1/4"	36
50 x 1 1/2"	18
63 x 2"	11
75 x 2 1/2"	9
90 x 3"	6
110 x 4"	2



PP-R MALE TRANSITION UNION

Size (mm)	Pack Quantity
20 x 1/2"	130
20 x 3/4"	105
20 x 1"	80
25 x 1/2"	70
25 x 3/4"	70
25 x 1"	70
32 x 1/2"	80
32 x 3/4"	50
32 x 1"	50
32 x 1 1/4"	46
40 x 1 1/4"	25
50 x 1 1/2"	15
63 x 2"	14
75 x 2 1/2"	6
90 x 3"	3
110 x 4"	2



Size (mm)	Pack Quantity
20 x 1/2"	200
25 x 1/2"	150
25 x 3/4"	150

**PP-R FEMALE
TRANSITION
NIPPLE**



Size (mm)	Pack Quantity
20 x 1/2"	180
25 x 3/4"	130

**PP-R FEMALE
TRANSITION
ELBOW**



Size (mm)	Pack Quantity
20 x 1/2"	60
25 x 3/4"	35

**PP-R
FEMALE
FILTER**



Size (mm)	Pack Quantity
20 x 1/2"	60
25 x 3/4"	35

**PP-R
MALE
FILTER**



Size (mm)	Pack Quantity
20 x 1/2	60
25 x 3/4	50

**PP-R
RADIATOR
VALVE
STRAIGHT**



Size (mm)	Pack Quantity
20 x 1/2	50
25 x 3/4	40

**PP-R
RADIATOR
VALVE
ELBOW**



Size (mm)	Pack Quantity
20 x 16	80

**PE-RT
TRANSITION
NIPPLE**



Size (mm)	Pack Quantity
20	32
25	45
32	18
40	20
50	13
63	8
75	4

PP-R BALL VALVE



Size (mm)	Pack Quantity
20	25
25	20
32	10
40	15

PP-R STOP VALVE



Size (mm)	Pack Quantity
20	25
25	20
32	25
40	20

PP-R CHROME VALVE



Size (mm)	Pack Quantity
20	20
25	17
32	15
40	10

PP-R CHROME VALVE TRIANGLE



Size (mm)	Pack Quantity
50	80
63	50
75	25
90	18
110	12

PP-R FLANGE ADAPTOR



Size (mm)	Pack Quantity
20	640
25	550
32	360
40	120
50	100

PP-R SINGLE CLAMP



Size (mm)	Pack Quantity
20	160
25	100
32	100

PP-R DOUBLE CLAMP



Size (mm)	Pack Quantity
20	400
25	350

PP-R END PLUG



Size (mm)	Pack Quantity
20	200

PP-R LONG END PLUG



Size (mm)	Pack Quantity
20 - 40	1
50 - 75	1
50 - 110	1

PP-R PIPE CUTTER



Size (mm)	Pack Quantity
60 BAR	1

PP-R PRESSURE TEST PUMP



Size (mm)	Pack Quantity
20	1
25	1
32	1
40	1
50	1
63	1
75	1
90	1
110	1

PP-R WELDING TOOL



Size (mm)	Pack Quantity
Welding Machine Practical SET	1
Welding Machine Standard SET	1
Single Machine Standard	1
Welding Machine Lux SET	1
Single Machine Lux	1
Welding Machine 110 mm SET	1
Single Machine 110 mm	1

PP-R WELDING MACHINE SET

SUPERSTRUCTURE GROUP

PVC SEWAGE PIPE & FITTINGS

PVC SEWAGE PIPE

PVC SEWAGE PIPE – EN 1329-1

DN (mm)	Length (mm)	WT (mm)	DN (mm)	Length (mm)	WT (mm)
50	150	3.00	125	150	3.20
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	
75	150	3.00	160	150	4.00
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	
110	150	3.20	200	150	4.90
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	

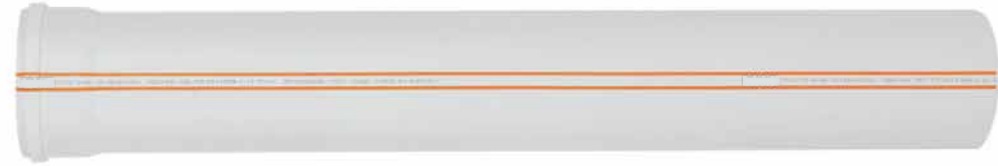
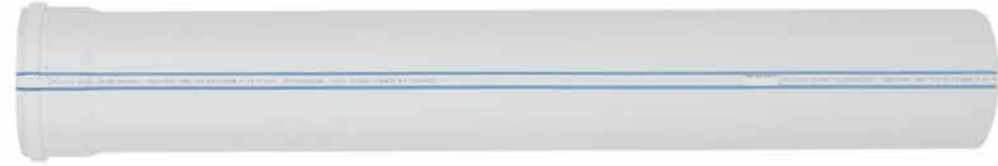
DN – Nominal Diameter

WT – Wall Thickness

USAGE AREAS

- Apartment Buildings, Hotels, Residential Complexes
- Sewage and waste water discharge systems.
- Electrical and communication systems.
- The belowground and aboveground waste Water transport systems

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• ADVANTAGES

- Easy installation and handling.
- Glue socket connection system
- Light weight.
- Smooth surface and gloss.
- Wide range of standard molded fittings.
- High impact resistance.
- Low pressure loss.
- Long service time.
- More color options.
- High chemical and abrasion resistance.



Size (mm)	Pack Quantity
50	200
75	90
110	35

PVC SOCKET



Size (mm)	Pack Quantity
75 x 50	150
110 x 50	70
110 x 75	60
125 x 110	30
160 x 125	24
200 x 160	20

PVC REDUCER



Size (mm)	Pack Quantity
50	175
75	75
110	25
125	18
160	8
200	5

PVC ELBOW 90°



Size (mm)	Pack Quantity
50	200
75	90
110	35
125	22
160	10
200	7

PVC ELBOW 45°



PVC TEE

Size (mm)	Pack Quantity
50 x 50	100
75 x 50	60
75 x 75	45
110 x 50	25
110 x 75	22
110 x 110	15



PVC CLEAN OUT

Size (mm)	Pack Quantity
50 x 50	100
75 x 75	45
110 x 110	15



**PVC SINGLE
BRANCH 45°**

Size (mm)	Pack Quantity
50 x 50	90
75 x 50	50
75 x 75	35
110 x 50	25
110 x 75	18
110 x 110	12
125 x 110	10
125 x 125	8
160 x 160	4
200 x 200	5



**PVC DOUBLE
BRANCH 45°**

Size (mm)	Pack Quantity
50 x 50	70
75 x 50	40
75 x 75	25
110 x 50	22
110 x 110	10



Size (mm)	Pack Quantity
110 x 110	10

**PVC S
SIPHON 90°**



Size (mm)	Pack Quantity
110 x 110	10

**PVC S
SIPHON 45°**



Size (mm)	Pack Quantity
50	1000
75	400
100	150
125	125
160	75

PVC END CAP

SUPERSTRUCTURE GROUP

PP SEWAGE PIPE & FITTINGS

PP SEWAGE PIPE

The PP pipes appropriate for domestic sewerage systems together with the coupling sleeves are intended to be used for the removal of all kinds of waste water. Assembly of the pipeline is extremely easy, pipes are connected to one another with fittings while complete seal is achieved with use of rubber bands. PP Sewage pipe has resistant to aggressive environment thanks to its high physical and mechanical features. Unlike analogous PVC pipes, these features make the sewerage pipes more resistant to breakage.

Maximum temperature of application is +90 °C. Pipes are resistant to salt water, alcohol, acids, alkalis, sulphates, aggressive gas and all kinds of detergents. On the other hand, they cannot be used for the transport of water which contains high percentage of benzene (petrol) or acetone.

The PP sewage pipes and fittings are made of high quality white and grey granular polypropylene on German equipment.

• USAGE AREAS

- Apartment Buildings, Hotels, Residential Complexes
- Sewage and waste water discharge systems.
- Electrical and communication systems.
- The belowground and aboveground waste water transport systems



• ADVANTAGES

- Easy installation and handling.
- Glue socket connection system
- Light weight.
- Smooth surface and gloss.
- Wide range of standard molded fittings.
- High impact resistance.
- Low pressure loss.
- Long service time.
- More color options.
- High chemical and abrasion resistance.

PP SEWAGE PIPE – EN 1451-1

DN (mm)	Length (mm)	WT (mm)	DN (mm)	Length (mm)	WT (mm)
50	150	1.80	125	150	3.10
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	
75	150	1.90	160	150	3.90
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	
110	150	2.70			
	250				
	500				
	1000				
	2000				
	3000				
	6000				

DN – Nominal Diameter

Length

WT – Wall Thickness



Size (mm)	Pack Quantity
50	200
75	90
110	35

**PP
SOCKET**



Size (mm)	Pack Quantity
75 x 50	150
110 x 50	70
110 x 75	60
125 x 110	30
160 x 125	24

PP REDUCER



Size (mm)	Pack Quantity
50	175
75	75
110	25
125	18
160	8

PP ELBOW 90°



Size (mm)	Pack Quantity
50	200
75	90
110	35
125	22
160	10

PP ELBOW 45°



Size (mm)	Pack Quantity
50 x 50	100
75 x 50	60
75 x 75	45
110 x 50	25
110 x 75	22
110 x 110	15

PP TEE



Size (mm)	Pack Quantity
50 x 50	100
75 x 75	45
110 x 110	15

PP CLEAN OUT



Size (mm)	Pack Quantity
50 x 50	90
75 x 50	50
75 x 75	35
110 x 50	25
110 x 75	18
110 x 110	12
125 x 110	10
125 x 125	8
160 x 160	4

**PP SINGLE
BRANCH 45°**



Size (mm)	Pack Quantity
50 x 50	70
75 x 50	40
75 x 75	25
110 x 50	22
110 x 110	10

**PP DOUBLE
BRANCH 45°**



Size (mm)	Pack Quantity
110 x 110	10

**PP S
SIPHON 90°**



Size (mm)	Pack Quantity
110 x 110	10

**PP S
SIPHON 45°**



Size (mm)	Pack Quantity
50	1000
75	400
100	150
125	125
160	75

PP END CAP



Size
(mm)

50

75

100

125

160

Pack
Quantity

1000

400

150

125

75

PP CLAMP



Size
(mm)

50

Pack
Quantity

50

ADAPTOR GASKET

SUPERSTRUCTURE GROUP

PP SILENT SEWAGE PIPE
& FITTINGS

PP SILENT PIPE

The PP Silent Pipe soundproof indoor sewage system is a complete system of pipes and fittings made of mineral-enhanced polypropylene. The PP Silent Pipes has been tested in the Fraunhofer Institute, Stuttgart, according to EN 14366 standard and proved positive test certificate as 15 dB in 4,0 liters flow rate. In addition, a fireproofing test was carried out in an independent laboratory according to the DIN 4102 standard and a positive test result was obtained.

Inspection is easy, as the internal surface is smooth.

The pipes are manufactured in the co-extrusion process, which allows for the creation of a molecularly bound solid layer. The fittings are manufactured by injection moulding. Thanks to the use of polypropylene and the special wall structure design, this system meets all the requirements imposed on modern sewage systems, namely: safety, resistance to damage and long-lasting durability!

The PP Silent Piping system is available with the diameters of 50, 75, 110, 125, 160 and 200 mm. The combination of the material composition and wall thickness ensures a very high degree of sound insulation, since the noise level is as low as 15 dB. Lip seals made of a rubber-based compound are used to connect the system components with one another.

As the pipes are lightweight, their installation is easy. Thanks to the smooth inner surface of each pipe, waste water encounters little resistance as it is drained, which even if the conduit gradient is extremely slight prevents deposits from forming. Consistently, no sewage putrefaction occurs in the pipes, which thus remain unclogged.



PP SILENT PIPE – EN 1451-1

DN (mm)	Length (mm)	WT (mm)	DN (mm)	Length (mm)	WT (mm)
50	150	2.00	125	150	3.40
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	
75	150	2.60	160	150	4.00
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	
110	150	3.40	200	150	4.50
	250			250	
	500			500	
	1000			1000	
	2000			2000	
	3000			3000	
	6000			6000	

DN – Nominal Diameter

Length

WT – Wall Thickness



Size (mm)	Pack Quantity
50	200
75	90
110	35

PP SILENT SOCKET



Size (mm)	Pack Quantity
75 x 50	150
110 x 50	70
110 x 75	60
125 x 110	30
160 x 125	24
200 x 160	20

PP SILENT REDUCER



Size (mm)	Pack Quantity
50	175
75	75
110	25
125	18
160	8
200	5

PP SILENT ELBOW 90°



Size (mm)	Pack Quantity
50	200
75	90
110	35
125	22
160	10
200	7

PP SILENT ELBOW 45°



Size (mm)	Pack Quantity
50 x 50	100
75 x 50	60
75 x 75	45
110 x 50	25
110 x 75	22
110 x 110	15

PP SILENT TEE



Size (mm)	Pack Quantity
50 x 50	100
75 x 75	45
110 x 110	15

PP SILENT CLEAN OUT



Size (mm)	Pack Quantity
50 x 50	90
75 x 50	50
75 x 75	35
110 x 50	25
110 x 75	18
110 x 110	12
125 x 110	10
125 x 125	8
160 x 160	4
200 x 200	5

**PP SILENT SINGLE
BRANCH 45°**



Size (mm)	Pack Quantity
50 x 50	70
75 x 50	40
75 x 75	25
110 x 50	22
110 x 110	10

**PP SILENT DOUBLE
BRANCH 45°**



Size
(mm)

110 x 110

Pack
Quantity

10

**PP SILENT S
SIPHON 90°**



Size
(mm)

110 x 110

Pack
Quantity

10

**PP SILENT S
SIPHON 45°**



Size
(mm)

50

75

100

125

160

Pack
Quantity

1000

400

150

125

75

PP SILENT ENT CAP

SUPERSTRUCTURE GROUP

PR-RT PIPE & FITTINGS



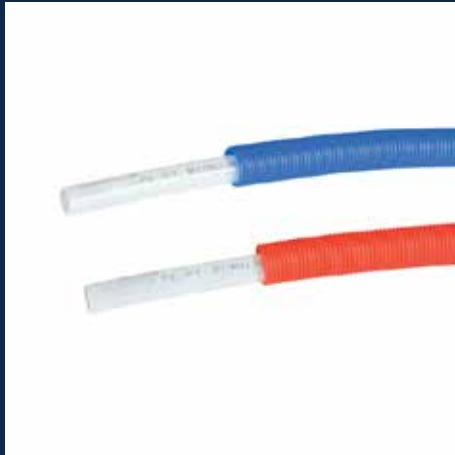
Size (mm)	Pack Quantity (m)
160 x 2.0	160 mt

PE-RT PIPE



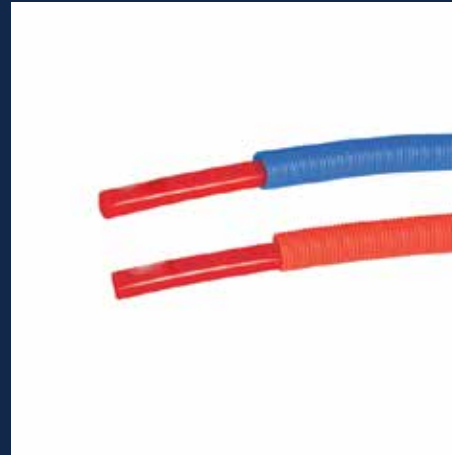
Size (mm)	Pack Quantity (m)
160 x 2.0	160 mt

**PE-RT PIPE
WITH OXYGEN
BARRIER**



Size (mm)	Pack Quantity (m)
160 x 2.0	100 mt
160 x 2.0	100 mt

**PE-RT PIPE
WITH SPIRA
CONDUIT**



Size (mm)	Pack Quantity (m)
160 x 2.0	100 mt
160 x 2.0	100 mt

**PE-RT PIPE
WITH OXYGEN
-BARRIER
(SPIRAL- CONDUIT)**



Size (mm)	Pack Quantity (m)
1/2	100 mt
1/2	100 mt

SPIRAL CONDUIT



Size (mm)	Pack Quantity
40 x 1/2	40
40 x 1/2	22
40 x 1/2	14

INLET COLLECTOR



CORNER CRINKLER

Size (mm)	Pack Quantity
16	300



PIPE FIXTURE (ANCHOR)

Size (mm)	Pack Quantity
25	5000



COLLECTOR JOINT FEMALE

Size (mm)	Pack Quantity
40 x 1	30

SUPERSTRUCTURE
GROUP
CLAMP

PIPE CLAMP WITH NUT (SET)



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically. et accusan et iusto odio

PROPERTIES

- Clamp with nut set is packed with adaptor triphone and plastic dubel
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws

Size	Breaking (kN)	Recommen Ded Load (kN)
1/4" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH NUT (SET)

Dimensions		Thickne ss X Width	ide ss X Screw	Nut	Adaptor Triphon e	Plastic Dubel	Quantity Per Boxes	Weight Per Boxes
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	LXT2 (mm)	E (mm)	Pcs/Box	(Kg)
13 - 20	1/4	1.00 X 20	M5X15	M8	8 X 80	M10	130	8.10
17 - 23	3-8	1.00 x 20	M5X15	M8	8 X 80	M10	130	8.60
21 - 26	1/2	1.00 x 20	M5X15	M8	8 X 80	M10	130	8.75
26 - 30	3/4	1.00 x 20	M5X15	M8	8 X 80	M10	130	9.18
33 - 37	1	1.00 x 20	M5X15	M8	8 X 80	M10	120	9.14
40 - 46	1 1/4	1.20 x 20	M5X15	M8	8 X 80	M10	100	9.03
48 - 53	1 1/2	1.20 x 20	M5X15	M8	8 X 80	M10	100	9.50
53 - 59	53 - 59	1.20 x 20	M5X15	M8	8 X 80	M10	100	7.60
60 - 66	2	1.20 x 20	M5X15	M8	8 X 80	M10	60	6.25
67 - 77	67 - 77	1.50 x 25	M6X30	M10	10 X 80	M12	40	6.46
75 - 84	2 1/2	1.50 x 25	M6X30	M10	10 X 80	M12	40	8.41
83 - 93	83 - 93	1.50 x 20	M6X30	M10	10 X 80	M12	40	8.62
87 - 96	3	1.50 x 25	M6X30	M10	10 X 80	M12	40	9.21
94 - 104	3 1/2	1.50 x 25	M6X30	M10	10 X 80	M12	40	10.64
109 - 119	4	1.50 x 25	M6X30	M10	10 X 80	M12	35	9.28
118 - 125	4 1/2	2.00 x 25	M6X30	M10	10 X 80	M12	35	11.30
135 - 146	5	2.00 x 25	M6X30	M10	10 X 80	M12	30	10.41
150 - 162	5 1/2	2.00 x 25	M6X30	M10	10 X 80	M12	30	11.29
158 - 169	6	2.00 x 25	M6X30	M10	10 X 80	M12	20	8.21
197 - 207	7	2.00 x 25	M6X30	M10	10 X 80	M12	25	10.03
216 - 224	8	2.00 x 25	M6X30	M10	10 X 80	M12	20	10.44
269 - 275	10	2.00 x 25	M6X30	M10	10 X 80	M12	10	10.95

PIPE CLAMP WITH NUT (NO RUBBER)



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

FEATURES

- Two kinds are produced as M8 and M10 Nut based on the diameter of the clamp
- Material: steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Welding points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking (kN)	Recommen Ded Load (kN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH NUT (NO RUBBER)

Dimensions		Thickne ss X Width	Side ss X Screw	Nut	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
20 - 24	1/2	1.00 x 20	M5X15	M8	300	11.50
23 - 27	23 - 27	1.00 x 20	M5X15	M8	300	11.65
25 - 30	3/4	1.00 x 20	M5X15	M8	300	12.23
31 - 36	4	1.00 x 20	M5X15	M8	200	8.92
36 - 43	1 1/4	1.00 x 20	M5X15	M8	200	10.29
44 - 50	1 1/2	1.20 x 20	M5X15	M8	100	6.31
54 - 58	54 - 58	1.20 x 20	M5X15	M8	120	8.43
60 - 65	2	1.20 x 20	M5X15	M8	120	8.69
64 - 71	64 - 71	1.20 x 20	M5X15	M8	75	6.82
68 - 74	68 - 74	1.50 x 25	M6X30	M10	75	7.03
75 - 84	2 1/2	1.50 x 25	M6X30	M10	40	7.34
83 - 93	83 - 93	1.50 x 20	M6X30	M10	40	7.58
87 - 96	3	1.50 x 25	M6X30	M10	40	7.12
94 - 104	3 1/2	1.50 x 25	M6X30	M10	40	7.52
109 - 119	4	1.50 x 25	M6X30	M10	40	8.52
118 - 125	4 1/2	2.00 x 25	M6X30	M10	50	11.97
135 - 146	5	2.00 x 25	M6X30	M10	25	7.67
150 - 162	5 1/2	2.00 x 25	M6X30	M10	25	8.32
158 - 169	6	2.00 x 25	M6X30	M10	25	8.65
197 - 207	7	2.00 x 25	M6X30	M10	25	9.10
216 - 224	8	2.00 x 25	M6X30	M10	20	9.30
269 - 275	10	2.00 x 25	M6X30	M10	10	8.61

PIPE CLAMP WITH NUT



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

FEATURES

- Clamp with nut set is packed with adaptor triphone and plastic dubel
- Material: steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Welding points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking (kN)	Recommen Ded Load (kN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH NUT

Dimensions		Thickne ss X Width	Side ss X Screw	Nut	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
13 - 20	1/4	1.00 x 20	M5X15	M8	300	11.72
17 - 23	3/8	1.00 x 20	M5X15	M8	300	12.01
21 - 26	1/2	1.00 x 20	M5X15	M8	300	12.61
26 - 30	3/4	1.00 x 20	M5X15	M8	200	9.20
33 - 37	1	1.00 x 20	M5X15	M8	200	10.61
40 - 46	1 1/4	1.20 x 20	M5X15	M8	100	6.51
48 - 53	1 1/2	1.20 x 20	M5X15	M8	120	8.69
53 - 59	53 - 59	1.20 x 20	M5X15	M8	120	8.82
60 - 66	2	1.20 x 20	M5X15	M8	75	7.03
67 - 77	67 - 77	1.50 x 25	M6X30	M10	75	7.45
75 - 84	2 1/2	1.50 x 25	M6X30	M10	50	7.82
83 - 93	83 - 93	1.50 x 20	M6X30	M10	40	7.31
87 - 96	3	1.50 x 25	M6X30	M10	40	7.34
94 - 104	3 1/2	1.50 x 25	M6X30	M10	40	7.75
109 - 119	4	1.50 x 25	M6X30	M10	40	8.78
118 - 125	4 1/2	2.00 x 25	M6X30	M10	50	12.34
135 - 146	5	2.00 x 25	M6X30	M10	25	7.91
150 - 162	5 1/2	2.00 x 25	M6X30	M10	25	8.58
158 - 169	6	2.00 x 25	M6X30	M10	25	8.91
197 - 207	7	2.00 x 25	M6X30	M10	25	9.38
216 - 224	8	2.00 x 25	M6X30	M10	20	9.59
269 - 275	10	2.00 x 25	M6X30	M10	10	8.87

PIPE CLAMP WITH OUT RUBBER

USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Two kinds are produced as M8 and M10 Nut based on the diameter of the clamp
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking (kN)	Recommen Ded Load (kN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 8"	7.8	2.6



PIPE CLAMP WITH OUT RUBBER

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
20 - 24	1/2	1.00 x 20	M5X15	M8	300	11.50
23 - 27	23 - 27	1.00 x 20	M5X15	M8	300	11.65
25 - 30	3/4	1.00 x 20	M5X15	M8	300	12.23
31 - 36	1	1.00 x 20	M5X15	M8	200	8.92
36 - 43	1 1/4	1.00 x 20	M5X15	M8	200	10.29
44 - 50	1 1/2	1.20 x 20	M5X15	M8	100	6.31
54 - 58	54 - 58	1.20 x 20	M5X15	M8	120	8.43
60 - 65	2	1.20 x 20	M5X15	M8	120	8.69
64 - 71	64 - 71	1.20 x 20	M5X15	M8	75	6.82
68 - 74	68 - 74	1.50 x 25	M6X30	M10	75	7.03
75 - 84	2 1/2	1.50 x 25	M6X30	M10	40	7.34
83 - 93	83 - 93	1.50 x 20	M6X30	M10	40	7.58
87 - 96	3	1.50 x 25	M6X30	M10	40	7.12
94 - 104	3 1/2	1.50 x 25	M6X30	M10	40	7.52
109 - 119	4	1.50 x 25	M6X30	M10	40	8.52
118 - 125	4 1/2	2.00 x 25	M6X30	M10	50	11.97
135 - 146	5	2.00 x 25	M6X30	M10	25	7.67
150 - 162	5 1/2	2.00 x 25	M6X30	M10	25	8.32
158 - 169	6	2.00 x 25	M6X30	M10	25	8.65
197 - 207	7	2.00 x 25	M6X30	M10	25	9.10
216 - 224	8	2.00 x 25	M6X30	M10	20	9.30
269 - 275	10	2.00 x 25	M6X30	M10	10	8.61

PIPE CLAMP WITH COMBI NUT



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- The combi nut is suitable for M8 and M10 thread
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking Load (KN)	Recommended Load (KN)
1/22" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH COMBI NUT

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
13 - 20	1/4	1.00 x 20	M5X15	M8/10	300	12.64
17 - 23	3/8	1.00 x 20	M5X15	M8/10	300	14.01
21 - 26	1/2	1.00 x 20	M5X15	M8/10	300	14.18
26 - 30	3/4	1.00 x 20	M5X15	M8/10	200	10.25
33 - 37	1	1.00 x 20	M5X15	M8/10	200	12.01
40 - 46	1 1/4	1.20 x 20	M5X15	M8/10	100	9.62
48 - 53	1 1/2	1.20 x 20	M5X15	M8/10	120	9.76
53 - 59	53 - 59	1.20 x 20	M5X15	M8/10	120	8.69
60 - 66	2	1.20 x 20	M5X15	M8/10	75	6.80
67 - 77	67 - 77	1.50 x 25	M6X30	M8/10	75	7.03
75 - 84	2 1/2	1.50 x 25	M6X30	M8/10	50	8.28
83 - 93	89 - 93	1.50 x 20	M6X30	M8/10	40	7.34
87 - 96	3	1.50 x 25	M6X30	M8/10	40	7.82
94 - 104	3 1/2	1.50 x 25	M6X30	M8/10	40	7.85
109 - 119	4	1.50 x 25	M6X30	M8/10	40	8.98
118 - 125	4 1/2	2.00 x 25	M6X30	M8/10	50	12.61
135 - 146	5	2.00 x 25	M6X30	M8/10	25	7.26
150 - 162	5 1/2	2.00 x 25	M6X30	M8/10	25	8.71
158 - 169	6	2.00 x 25	M6X30	M8/10	25	8.73
197 - 207	7	2.00 x 25	M6X30	M8/10	25	9.58
216 - 224	8	2.00 x 25	M6X30	M8/10	20	11.30
269 - 275	10	2.00 x 25	M6X30	M8/10	10	11.41

PIPE CLAMP WITH COMBI NUT (NO RUBBER)



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- The combi nut is suitable for M8 and M10 thread
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking Load (KN)	Recommended Load (KN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH COMBI NUT (NO RUBBER)

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
20 - 24	1/2	1.00 x 20	M5X15	M8/10	300	13.03
23 - 27	23 - 27	1.00 x 20	M5X15	M8/10	300	13.73
25 - 30	3/4	1.00 x 20	M5X15	M8/10	300	13.89
31 - 36	1	1.00 x 20	M5X15	M8/10	200	10.05
36 - 43	1 1/4	1.00 x 20	M5X15	M8/10	200	11.77
44 - 50	1 1/2	1.20 x 20	M5X15	M8/10	100	9.43
54 - 58	54 - 58	1.20 x 20	M5X15	M8/10	120	9.57
60 - 65	2	1.20 x 20	M5X15	M8/10	120	8.52
64 - 71	64 - 71	1.20 x 20	M5X15	M8/10	75	6.67
68 - 74	68 - 74	1.50 x 25	M6X30	M8/10	75	6.89
75 - 84	2 1/2	1.50 x 25	M6X30	M8/10	50	8.12
83 - 93	83 - 93	1.50 x 20	M6X30	M8/10	40	7.20
87 - 96	3	1.50 x 25	M6X30	M8/10	40	7.67
94 - 104	3 1/2	1.50 x 25	M6X30	M8/10	40	7.69
109 - 119	4	1.50 x 25	M6X30	M8/10	40	8.80
118 - 125	4 1/2	2.00 x 25	M6X30	M8/10	50	12.36
135 - 146	5	2.00 x 25	M6X30	M8/10	25	7.12
150 - 162	5 1/2	2.00 x 25	M6X30	M8/10	25	8.54
158 - 169	6	2.00 x 25	M6X30	M8/10	25	8.56
197 - 207	7	2.00 x 25	M6X30	M8/10	25	9.39
216 - 224	8	2.00 x 25	M6X30	M8/10	20	9.59
269 - 275	10	2.00 x 25	M6X30	M8/10	10	8.80

PIPE CLAMP WITH TRIPHONE – SHORT



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Plastic plug should be used for fixing
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking Load (KN)	Recommended Load (KN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH TRIPHONE – SHORT

Dimensions		Thickne X Width	Side Screw	Triphone	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
13 – 20	1/4	1.00 x 20	M5X15	7 X 70	200	9.50
17 – 23	3/8	1.00 x 20	M5X15	7 X 70	200	9.40
21 – 26	1/2	1.00 x 20	M5X15	7 X 70	200	9.50
26 – 30	3/4	1.00 x 20	M5X15	7 X 70	200	10.50
33 – 37	1	1.00 x 20	M5X15	7 X 70	150	9.10
40 – 46	1 1/4	1.20 x 20	M5X15	7 X 70	100	6.30
48 – 53	1 1/2	1.20 x 20	M5X15	7 X 70	100	6.80
53 – 59	53 – 59	1.20 x 20	M5X15	7 X 70	75	5.90
60 – 66	2	1.20 x 20	M5X15	7 X 70	75	5.90
67 – 77	67 – 77	1.50 x 25	M6X30	7 X 70	40	6.30
75 – 84	2 1/2	1.50 x 25	M6X30	7 X 70	40	6.30
83 – 93	89 – 93	1.50 x 20	M6X30	7 X 70	40	7.30
87 – 96	3	1.50 x 25	M6X30	7 X 70	40	7.30
94 – 104	3 1/2	1.50 x 25	M6X30	7 X 70	40	7.50
109 – 119	4	1.50 x 25	M6X30	7 X 70	40	7.90
118 – 125	4 1/2	2.00 x 25	M6X30	7 X 70	30	7.40
135 – 146	5	2.00 x 25	M6X30	7 X 70	25	7.30
150 – 162	5 1/2	2.00 x 25	M6X30	7 X 70	25	6.60
158 – 169	6	2.00 x 25	M6X30	7 X 70	25	8.70
197 – 207	7	2.00 x 25	M6X30	7 X 70	15	8.80
216 – 224	8	2.00 x 25	M6X30	7 X 70	10	8.98
269 – 275	10	2.00 x 25	M6X30	7 X 70	7	8.62

PIPE CLAMP WITH TRIPHONE (NO RUBBER) – SHORT



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Plastic plug should be used for fixing
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking Load (KN)	Recommended Load (KN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH TRIPHONE (NO RUBBER) – SHORT

Dimensions		Thickne X Width	Side Screw	Triphone	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
13 – 20	1/4	1.00 x 20	M5X15	7 X 70	200	9.50
17 – 23	3/8	1.00 x 20	M5X15	7 X 70	200	9.40
21 – 26	1/2	1.00 x 20	M5X15	7 X 70	200	9.50
26 – 30	3/4	1.00 x 20	M5X15	7 X 70	200	10.50
33 – 37	1	1.00 x 20	M5X15	7 X 70	150	9.10
40 – 46	1 1/4	1.20 x 20	M5X15	7 X 70	100	6.30
48 – 53	1 1/2	1.20 x 20	M5X15	7 X 70	100	6.80
53 – 59	53 – 59	1.20 x 20	M5X15	7 X 70	75	5.90
60 – 66	2	1.20 x 20	M5X15	7 X 70	75	5.90
67 – 77	67 – 77	1.50 x 25	M6X30	7 X 70	40	6.30
75 – 84	2 1/2	1.50 x 25	M6X30	7 X 70	40	6.30
83 – 93	89 – 93	1.50 x 20	M6X30	7 X 70	40	7.30
87 – 96	3	1.50 x 25	M6X30	7 X 70	40	7.30
94 – 104	3 1/2	1.50 x 25	M6X30	7 X 70	40	7.50
109 – 119	4	1.50 x 25	M6X30	7 X 70	40	7.90
118 – 125	4 1/2	2.00 x 25	M6X30	7 X 70	30	7.40
135 – 146	5	2.00 x 25	M6X30	7 X 70	25	7.30
150 – 162	5 1/2	2.00 x 25	M6X30	7 X 70	25	6.60
158 – 169	6	2.00 x 25	M6X30	7 X 70	25	8.70
197 – 207	7	2.00 x 25	M6X30	7 X 70	15	8.80
216 – 224	8	2.00 x 25	M6X30	7 X 70	10	8.98
269 – 275	10	2.00 x 25	M6X30	7 X 70	7	8.62

PIPE CLAMP WITH TRIPHONE – LONG



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Plastic plug should be used for fixing
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking Load (KN)	Recommended Load (KN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH TRIPHONE – LONG

Dimensions		Thickne X Width	Side Screw	Triphone	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
13 – 20	1/4	1.00 x 20	M5X15	7 X 100	150	8.70
17 – 23	3/8	1.00 x 20	M5X15	7 X 100	150	8.70
21 – 26	1/2	1.00 x 20	M5X15	7 X 100	150	8.70
26 – 30	3/4	1.00 x 20	M5X15	7 X 100	150	8.80
33 – 37	1	1.00 x 20	M5X15	7 X 100	100	8.90
40 – 46	1 1/4	1.20 x 20	M5X15	7 X 100	75	6.30
48 – 53	1 1/2	1.20 x 20	M5X15	7 X 100	75	7.10
53 – 59	53 – 59	1.20 x 20	M5X15	7 X 100	50	4.70
60 – 66	2	1.20 x 20	M5X15	7 X 100	50	4.70
67 – 77	67 – 77	1.50 x 25	M6X30	7 X 100	40	6.80
75 – 84	2 1/2	1.50 x 25	M6X30	7 X 100	40	6.80
83 – 93	89 – 93	1.50 x 20	M6X30	7 X 100	30	5.80
87 – 96	3	1.50 x 25	M6X30	7 X 100	30	5.80
94 – 104	3 1/2	1.50 x 25	M6X30	7 X 100	30	7.80
109 – 119	4	1.50 x 25	M6X30	7 X 100	30	8.10
118 – 125	4 1/2	2.00 x 25	M6X30	7 X 100	25	7.40
135 – 146	5	2.00 x 25	M6X30	7 X 100	20	6.50
150 – 162	5 1/2	2.00 x 25	M6X30	7 X 100	20	7.01
158 – 169	6	2.00 x 25	M6X30	7 X 100	20	6.60
197 – 207	7	2.00 x 25	M6X30	7 X 100	15	8.70
216 – 224	8	2.00 x 25	M6X30	7 X 100	10	9.02
269 – 275	10	2.00 x 25	M6X30	7 X 100	7	8.60

PIPE CLAMP WITH TRIPHONE (NO RUBBER) – LONG



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Plastic plug should be used for fixing
- Material: Steel
- Reinforced structure provide higher durability
- Coating: Zinc plated (Electro-galvanized)
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers

Size	Breaking Load (KN)	Recommended Load (KN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" - 4"	6.9	2.3
4 1/2" - 10"	7.8	2.6

PIPE CLAMP WITH TRIPHONE (NO RUBBER) – LONG

Dimensions		Thickne X Width	Side Screw	Triphone	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
13 – 20	1/4	1.00 x 20	M5X15	7 X 100	150	8.70
17 – 23	3/8	1.00 x 20	M5X15	7 X 100	150	8.70
21 – 26	1/2	1.00 x 20	M5X15	7 X 100	150	8.70
26 – 30	3/4	1.00 x 20	M5X15	7 X 100	150	8.80
33 – 37	1	1.00 x 20	M5X15	7 X 100	100	8.90
40 – 46	1 1/4	1.20 x 20	M5X15	7 X 100	75	6.30
48 – 53	1 1/2	1.20 x 20	M5X15	7 X 100	75	7.10
53 – 59	53 – 59	1.20 x 20	M5X15	7 X 100	50	4.70
60 – 66	2	1.20 x 20	M5X15	7 X 100	50	4.70
67 – 77	67 – 77	1.50 x 25	M6X30	7 X 100	40	6.80
75 – 84	2 1/2	1.50 x 25	M6X30	7 X 100	40	6.80
83 – 93	89 – 93	1.50 x 20	M6X30	7 X 100	30	5.80
87 – 96	3	1.50 x 25	M6X30	7 X 100	30	5.80
94 – 104	3 1/2	1.50 x 25	M6X30	7 X 100	30	7.80
109 – 119	4	1.50 x 25	M6X30	7 X 100	30	8.10
118 – 125	4 1/2	2.00 x 25	M6X30	7 X 100	25	7.40
135 – 146	5	2.00 x 25	M6X30	7 X 100	20	6.50
150 – 162	5 1/2	2.00 x 25	M6X30	7 X 100	20	7.01
158 – 169	6	2.00 x 25	M6X30	7 X 100	20	6.60
197 – 207	7	2.00 x 25	M6X30	7 X 100	15	8.70
216 – 224	8	2.00 x 25	M6X30	7 X 100	10	9.02
269 – 275	10	2.00 x 25	M6X30	7 X 100	7	8.60

HEAVY DUTY PIPE CLAMP



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Meets the requirements of DN 4109
- Additional two nut applied to the side screws

Size	Breaking Load (KN)	Recommended Load (KN)
1" – 3"	10	2.75
4"	14	3.75
4 1/2" – 10"	20	6

HEAVY DUTY PIPE CLAMP

Dimensions		Thickne X Width	Side Screw	Head	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	Sxe (mm)	Pcs/Box	(Kg)
32 - 36	1	2.00 X 25	M8 X 30	10.5 x 14	60	10.99
41 - 45	1 1/4	2.00 X 25	M8 X 30	10.5 x 14	50	9.76
49 - 53	1 1/2	2.00 X 25	M8 X 30	10.5 x 14	40	8.59
59 - 65	2	2.00 X 25	M8 X 30	10.5 x 14	40	9.57
75 - 83	2 1/2	2.00 X 25	M8 X 30	10.5 x 14	40	10.36
87 - 95	3	2.00 X 25	M8 X 30	10.5 x 14	30	8.67
108 - 118	4	2.50 X 30	M8 X 30	12 x 14	20	10.58
134 - 147	5	3.00 X 30	M10 X 45	12 x 14	20	12.25
157 - 169	6	3.00 X 30	M10 X 45	12 x 14	15	9.95
211 - 226	8	4.00 X 30	M10 X 45	12 x 14	10	10.63
265 - 273	10	4.00 X 30	M10 X 45	12 x 14	7	9.40

HEAVY DUTY PIPE CLAMP WITH NUT



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Meets the requirements of DN 4109
- Additional two nut applied to the side screws
- Two kinds are produced as M12 and M16 Nut based on the diameter of the clamp

Size	Breaking Load (KN)	Recommended Load (KN)
1" - 3"	10	2.75
4"	14	3.75
4 1/2" - 10"	20	6

HEAVY DUTY PIPE CLAMP WITH NUT

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box	(Kg)
32 - 36	1	2.00 X 25	M8 X 30	M12	70	12.16
41 - 45	1 1/4	2.00 X 25	M8 X 30	M12	60	10.28
49 - 53	1 1/2	2.00 X 25	M8 X 30	M12	50	9.28
59 - 65	2	2.00 X 25	M8 X 30	M12	40	8.12
75 - 83	2 1/2	2.00 X 25	M8 X 30	M12	40	8.85
87 - 95	3	2.00 X 25	M8 X 30	M12	40	10.08
108 - 118	4	2.50 X 30	M8 X 30	M12	20	14.29
134 - 147	5	3.00 X 30	M10 X 45	M16	20	11.28
157 - 169	6	3.00 X 30	M10 X 45	M16	15	9.21
211 - 226	8	4.00 X 30	M10 X 45	M16	10	10.15
265 - 273	10	4.00 X 30	M10 X 45	M16	7	8.88

SPRINKLER PIPE CLAMP



USAGE AREAS

- Fixings for Steel Piping, Stainless Steel Piping
- Used to fasten the pipes by mounting them on the ceilings horizontally

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Two kinds are produced as M8 and M10 Nut based on the diameter of the clamp

Size	Breaking Load (KN)	Recommended Load (KN)
1" - 2"	14	1.5
2 1/2" - 4"	21	3.9
5" - 6"	25	7.5
8" - 10"	40	13

SPRINKLER PIPE CLAMP

Dimensions		Thickne X Width	Hole	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	Ø d (mm)	Pcs/Box	(Kg)
20	1/2	1.00 X 25	10.5	150	5.80
25	3/4	1.00 X 25	10.5	150	5.85
32	1	1.00 X 25	10.5	150	5.97
40	1 1/4	1.20 X 25	10.5	100	6.05
50	1 1/2	1.20 X 25	10.5	80	5.46
60	2	1.20 X 25	10.5	75	6.92
75	2 1/2	1.50 X 25	10.5	50	5.57
90	3	1.50 X 25	10.5	50	5.67
116	4	2.00 X 25	10.5	30	5.83
140	5	2.50 X 25	13	25	7.29
165	6	2.50 X 25	13	20	8.06

SLEEVE PRINKLER PIPE CLAMP



USAGE AREAS

- Fixings for Steel Piping, Stainless Steel Piping
- Used to fasten the pipes by mounting them on the ceilings horizontally

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Two kinds are produced as M8 and M10 Nut based on the diameter of the clamp
- The sleeve on the top is for fixing to threaded rod or stud bolt

Size	Breaking Load (KN)	Recommended Load (KN)
1" - 2"	14	1.5
2 1/2" - 4"	21	3.9
5" - 6"	25	7.5
8" - 10"	40	13

SLEEVE PRINKLER PIPE CLAMP

Dimensions		Thickne X Width	Hole	Quantity Per Boxes	Weight Per Box
(mm)	(inch)	TXB (mm)	Ø d (mm)	Pcs/Box	(Kg)
20	1/2	1.00 X 25	10.5	150	5.80
25	3/4	1.00 X 25	10.5	150	5.85
32	1	1.00 X 25	10.5	150	5.97
40	1 1/4	1.20 X 25	10.5	100	6.05
50	1 1/2	1.20 X 25	10.5	80	5.46
60	2	1.20 X 25	10.5	75	6.92
75	2 1/2	1.50 X 25	10.5	50	5.57
90	3	1.50 X 25	10.5	50	5.67
116	4	2.00 X 25	10.5	30	5.83
140	5	2.50 X 25	13	25	7.29
165	6	2.50 X 25	13	20	8.06

SILENT PIPE CLAMP WITH NUT (VERTICAL)



USAGE AREAS

- Fixing for PVC silent pipes
- Used to fasten the pipes by mounting them on the walls vertically
- Used in waste water systems

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Meets the requirements of DN 4109.
- It provides silence in addition to the sound level of 8 - 11 dBA by using with waste water pipes which produced with the silent PVC pipe feature
- In vertical assembled silent pipe waste water installations
- Used to prevent temperature loss in hot or cold water installations.

Size	Breaking Load (KN)	Recommended Load (KN)
Ø50	4.8	1.6
Ø75	6.9	2.3
Ø110	6.9	2.3
Ø125	7.8	2.3
Ø160	7.8	2.3
Ø200	7.8	2.3

SILENT PIPE CLAMP WITH NUT (VERTICAL)

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box
60 - 66	2	1.20 X 20	M5 X 15	M8	50
75 - 84	2 1/2	1.50 X 25	M6 X 30	M10	25
87 - 96	3	1.50 X 25	M6 X 30	M10	20
109 - 119	4	1.50 X 25	M6 X 30	M10	20
118 - 125	4 1/2	2.00 X 25	M6 X 30	M10	25
135 - 146	5	2.00 X 25	M6 X 30	M10	15
150 - 162	5 1/2	2.00 X 25	M6 X 30	M10	15
158 - 169	6	2.00 X 25	M6 X 30	M10	15
197 - 207	7	2.00 X 25	M6 X 30	M10	10
216 - 224	8	2.00 X 25	M6 X 30	M10	7
269 - 275	10	2.00 X 25	M6 X 30	M10	5

SILENT PIPE CLAMP WITH NUT (HORIZONTAL)



USAGE AREAS

- Fixing for PVC silent pipes
- Used to fasten the pipes by mounting them on the walls vertically
- Used in waste water systems

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Meets the requirements of DN 4109.
- It provides silence in addition to the sound level of 8 - 11 dBA by using with waste water pipes which produced with the silent PVC pipe feature

Size	Breaking Load (KN)	Recommended Load (KN)
Ø50	4.8	1.6
Ø75	6.9	2.3
Ø110	6.9	2.3
Ø125	7.8	2.3
Ø160	7.8	2.3
Ø200	7.8	2.3

SILENT PIPE CLAMP WITH NUT (HORIZONTAL)

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box
60 - 66	2	1.20 X 20	M5 X 15	M8	75
75 - 84	2 1/2	1.50 X 25	M6 X 30	M10	50
87 - 96	3	1.50 X 25	M6 X 30	M10	40
109 - 119	4	1.50 X 25	M6 X 30	M10	40
118 - 125	4 1/2	2.00 X 25	M6 X 30	M10	50
135 - 146	5	2.00 X 25	M6 X 30	M10	25
150 - 162	5 1/2	2.00 X 25	M6 X 30	M10	25
158 - 169	6	2.00 X 25	M6 X 30	M10	25
197 - 207	7	2.00 X 25	M6 X 30	M10	20
216 - 224	8	2.00 X 25	M6 X 30	M10	15
269 - 275	10	2.00 X 25	M6 X 30	M10	10

SILENT PIPE CLAMP WITH STAND



USAGE AREAS

- Fixing for PVC silent pipes
- Used to fasten the pipes by mounting them on the walls vertically

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Meets the requirements of DN 4109.
- Assembly through wall plates
- Provide adjustable distance between pipe and wall

Size	Breaking Load (kN)	Recommended Load (kN)
Ø50	4.8	1.6
Ø75	6.9	2.3
Ø110	6.9	2.3
Ø125	7.8	2.3
Ø160	7.8	2.3
Ø200	7.8	2.3

SILENT PIPE CLAMP WITH STAND

Dimensions		Thickne X Width	Side Screw	Nut	Plate Dimensions		
(mm)	(inch)	TXB (mm)	R (mm)	s (mm)	Width	Lenght	Thickness
70 - 76	2 1/2	1.50 X 25	M6 X 30	M10	80	25	1.5
106 - 114	4	1.50 X 25	M6 X 30	M10	80	25	1.5
124 - 130	4 1/2	2.00 X 25	M6 X 30	M10	80	25	1.5
135 - 146	5	2.00 X 25	M6 X 30	M10	80	25	1.5
155 - 162	5 1/2	2.00 X 25	M6 X 30	M10	80	25	1.5
191 - 200	7	2.00 X 25	M6 X 30	M10	80	25	1.5

SILENT PIPE CLAMP WITH TRIPHONE (VERTICAL)



USAGE AREAS

- Fixing for PVC silent pipes
- Used to fasten the pipes by mounting them on the walls vertically
- Used in waste water systems

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Meets the requirements of DN 4109.
- It provides silence in addition to the sound level of 8 - 11 dBA by using with waste water pipes which produced with the silent PVC pipe feature
- In vertical assembled silent pipe waste water installations
- Used to prevent temperature loss in hot or cold water installations.

Size	Breaking Load (KN)	Recommended Load (KN)
Ø50	4.8	1.6
Ø75	6.9	2.3
Ø110	6.9	2.3
Ø125	7.8	2.3
Ø160	7.8	2.3
Ø200	7.8	2.3

SILENT PIPE CLAMP WITH NUT (VERTICAL)

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes
(mm)	(inch)	TXB (mm)	R (mm)	S (mm)	Pcs/Box
60 - 66	2	1.20 X 20	M5 X 15	M8	50
75 - 84	2 1/2	1.50 X 25	M6 X 30	M10	25
87 - 96	3	1.50 X 25	M6 X 30	M10	20
109 - 119	4	1.50 X 25	M6 X 30	M10	20
118 - 125	4 1/2	2.00 X 25	M6 X 30	M10	25
135 - 146	5	2.00 X 25	M6 X 30	M10	15
150 - 162	5 1/2	2.00 X 25	M6 X 30	M10	15
158 - 169	6	2.00 X 25	M6 X 30	M10	15
197 - 207	7	2.00 X 25	M6 X 30	M10	10
216 - 224	8	2.00 X 25	M6 X 30	M10	7
269 - 275	10	2.00 X 25	M6 X 30	M10	5

SILENT PIPE CLAMP WITH TRIPHONE (HORIZONTAL)



USAGE AREAS

- Fixing for PVC silent pipes
- Used to fasten the pipes by mounting them on the walls vertically
- Used in waste water systems

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Rubber: EPDM
- Meets the requirements of DN 4109.
- It provides silence in addition to the sound level of 8 - 11 dBA by using with waste water pipes which produced with the silent PVC pipe feature

Size	Breaking Load (KN)	Recommended Load (KN)
Ø50	4.8	1.6
Ø75	6.9	2.3
Ø110	6.9	2.3

SILENT PIPE CLAMP WITH TRIPHONE (HORIZONTAL)

Dimensions		Thickne X Width	Side Screw	Triphone	Quantity Per Boxes
(mm)	(inch)	TXB (mm)	R (mm)	(mm)	Pcs/Box
60 - 66	2	1.20 X 20	M5 X 15	7X70	75
75 - 84	2 1/2	1.50 X 25	M6 X 30	7X70	50
87 - 96	3	1.50 X 25	M6 X 30	7X70	40
109 - 119	4	1.50 X 25	M6 X 30	7X70	40
118 - 125	4 1/2	2.00 X 25	M6 X 30	7X70	50
135 - 146	5	2.00 X 25	M6 X 30	7X70	25
150 - 162	5 1/2	2.00 X 25	M6 X 30	7X70	25
158 - 169	6	2.00 X 25	M6 X 30	7X70	25
197 - 207	7	2.00 X 25	M6 X 30	7X70	20
216 - 224	8	2.00 X 25	M6 X 30	7X70	15
269 - 275	10	2.00 X 25	M6 X 30	7X70	10

ITALIAN TYPE PIPE CLAMP (SET)



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

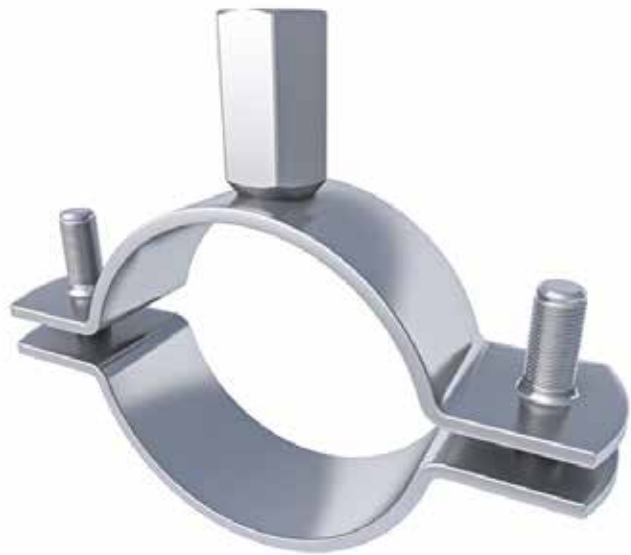
- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers
- Welding Points: The conic nuts are welded by spot-welding automation machines
- Two kinds are produced as M8 and M10 Nut based on the diameter of the clamp

Size	Breaking Load (KN)	Recommended Load (KN)
1/2" -1"	3.9	1.3
1 1/4" -2"	4.8	1.6
3" 4"	6.9	2.3
4 1/2" 10"	7.8	2.6

ITALIAN TYPE PIPE CLAMP (SET)

Dimensions		Thickne X Width	Side Screw	Plastic & Dubel Adaptor	Nut	Quantity Per Boxes	Weight Per Boxes
(mm)	(inch)	TXB (mm)	Bolt (mm)	E x T x L	(mm)	Pcs/Box	Pcs/Box
20	1/2	2.00 X 20	M6 X 20	8 x 8 x 80	M8	130	14.62
25	3/4	2.00 X 20	M6 X 20	8 x 8 x 80	M8	130	10.57
32	1	2.00 X 20	M6 X 20	8 x 8 x 80	M8	120	12.37
40	1 1/4	2.20 X 25	M6 X 25	8 x 8 x 80	M8	100	9.91
48	1 1/2	2.20 X 25	M6 X 25	8 x 8 x 80	M8	100	10.06
56	2	2.20 X 25	M6 X 25	8 x 8 x 80	M8	60	7.01
75	2 1/2	2.50 X 25	M6 X 30	10 x 10 x 80	M10	40	8.54
86	3	2.50 X 25	M6 X 30	10 x 10 x 80	M10	40	8.06
101	4	2.50 X 25	M6 X 30	10 x 10 x 80	M10	35	9.25
166	6	2.50 X 25	M6 X 30	10 x 10 x 80	M10	20	9.00

ITALIAN TYPE PIPE CLAMP COMBI



USAGE AREAS

- Fixings for Steel, Stainless Steel, PPR, PVC, Cast, Iron, PE, Copper pipes.
- Used to fasten the pipes by mounting them on the walls, ceilings, and floors horizontally or vertically.

PROPERTIES

- Material: Steel
- Coating: Zinc plated (Electro-galvanized)
- Easy and safe assembly through two side screws
- Side screws are protected against loss during assembly with the help of plastic washers
- Welding Points: The conic nuts are welded by spot-welding automation machines
- The combi nut is suitable for M8 and M10 thread

Size	Breaking Load (KN)	Recommended Load (KN)
1/2" - 1"	3.9	1.3
1 1/4" - 2"	4.8	1.6
3" 4"	6.9	2.3
4 1/2" 10"	7.8	2.6

ITALIAN TYPE PIPE CLAMP COMBI

Dimensions		Thickne X Width	Side Screw	Nut	Quantity Per Boxes	Weight Per Boxes
(mm)	(inch)	SXB (mm)	Bolt (mm)	(mm)	Pcs/Box	Pcs/Box
20	1/2	1.50 X 20	M6 X 20	M8/M10	300	14.47
25	3/4	1.50 X 20	M6 X 20	M8/M10	200	10.46
32	1	1.50 X 20	M6 X 20	M8/M10	200	12.25
40	1 1/4	1.50 X 20	M6 X 20	M8/M10	100	9.81
48	1 1/2	1.50 X 20	M6 X 20	M8/M10	120	9.96
56	2	1.50 X 20	M6 X 20	M8/M10	75	6.94
75	2 1/2	2.00 X 25	M6 X 25	M8/M10	50	8.45
86	3	2.00 X 25	M6 X 25	M8/M10	40	7.98
101	4	2.00 X 25	M6 X 25	M8/M10	40	9.16
166	6	2.00 X 25	M6 X 25	M8/M10	20	8.91

U BOLT



Dimensions		D	L	K	G	H
(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)
15	1/2	21.5	25	28	M6	48
20	3/4	26.9	30	35	M6	63
25	1	33.7	30	42	M8	71
32	1 1/4	42.4	30	51	M8	79
40	1 1/2	48.3	30	57	M8	80
50	2	60.3	30	57	M10	92
65	2 1/2	76.1	30	69	M10	108
80	3	88.9	40	99	M12	131
100	4	114.3	50	127	M12	167
125	5	139.7	50	152	M12	191
150	6	168.3	50	180	M16	219
200	8	219.1	60	236	M16	282
250	10	273.0	60	290	M16	336
300	12	380	100	328	M16	380

SINGLE AND DOUBLE CLAMPS

Dimensions		Thickne X Width
(mm)	(inch)	TXB (mm)
20	1/2	1.20 X 20
25	3/4	1.20 X 20
32	1	1.50 X 25



Dimensions		Thickne X Width
(mm)	(inch)	TXB (mm)
20	1/2	1.20 X 20
25	3/4	1.20 X 20
32	1	1.50 X 25

STEEL RAIL

PROPERTIES

- Material: Pre-Galvanized Steel
- Continuous hole pattern, designed for centre distance of sanitary armature
- Universal system for fixing to pipe or sanitary equipment.



Widht	Length	Thinkness
W (mm)	L (mm)	S (mm)
50	500	2
50	1000	2
50	2000	2
50	500	2
50	1000	2
50	2000	2

C PROFILE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand
- For a quick and easy fixing, continuous perforation, a continuous graduated centimetre scale on two sides



Width	Height	Length	Thickness	Distance	Holes Dimentions	Holes Dimentions	Holes Dimentions
W (mm)	H (mm)	L (mm)	S (mm)	Z (mm)	A1XB1 (mm)	A2XB2 (mm)	Z1XZ2 (mm)
27	18	2000	1.25	14	14X10.5	19X8.5	12.5X25
27	18	4000	1.25	14	14X10.5	19X8.5	12.5X25
28	30	2000	1.75	14	14X10.5	25X19	12.5X25
28	30	4000	1.75	14	14X10.5	25X19	12.5X25
38	40	2000	2	16.5	12.5X16	25X19	12.5X25
38	40	4000	2	16.5	12.5X16	25X19	12.5X25
40	60	2000	2	16.5	12.5X16	25X19	12.5X25
40	60	4000	2	16.5	12.5X16	25X19	12.5X25

G PROFILE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand
- With continuous perforation, distance between rail end and first hole is always equal

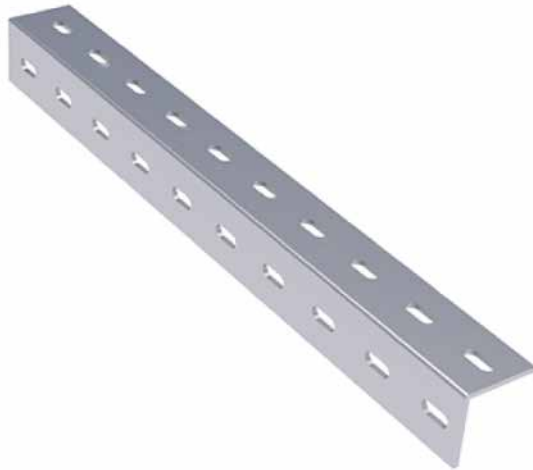


Width	Height	Length	Thickness	Distance	Holes Dimentions	Holes Dimentions
W (mm)	H (mm)	L (mm)	S (mm)	Z (mm)	AXB (mm)	Z1XZ2 (mm)
41	21	2000	2	22	13.5x25	50
41	21	4000	2	22	13.5x25	50
41	21	2000	2	22	13.5x25	50
41	21	4000	2	22	13.5x25	50

L PROFILE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand
- For a quick and easy fixing, continuous perforation



Width	Height	Length	Thickness	Distance	Holes Dimensions
W (mm)	H (mm)	L (mm)	S (mm)	Z (mm)	AXB (mm)
30	30	2000	2	40	10x20
30	30	4000	2	40	10x20
30	30	2000	2.5	40	10x20
30	30	4000	2.5	40	10x20
30	30	2000	3	40	10x20
30	30	4000	3	40	10x20
40	40	2000	2.5	40	12.5x25
40	40	4000	2.5	40	12.5x25
40	40	2000	3	40	12.5x25
40	40	4000	3	40	12.5x25
40	40	2000	4	40	12.5x25
40	40	4000	4	40	12.5x25
50	50	2000	4	45	12.5x25
50	50	4000	4	45	12.5x25

U PROFILE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand



Width	Height	Length	Thickness	Distance	Holes Dimentions
W (mm)	H (mm)	L (mm)	S (mm)	Z (mm)	AXB (mm)
30	30	2000	2	40	10x20
30	30	4000	2	40	10x20
30	30	2000	2.5	40	10x20
30	30	4000	2.5	40	10x20
30	30	2000	3	40	10x20
30	30	4000	3	40	10x20
40	40	2000	2.5	40	12.5x25
40	40	4000	2.5	40	12.5x25
40	40	2000	3	40	12.5x25
40	40	4000	3	40	12.5x25
40	40	2000	4	40	12.5x25
40	40	4000	4	40	12.5x25
50	50	2000	4	45	12.5x25
50	50	4000	4	45	12.5x25

C RAIL CONSOLE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand



PROFILE DIMENSION				PLATE DIMENSION		
Width	Height	Thickness	Length	Width	Length	Thickness
W (mm)	H (mm)	S (mm)	L (mm)	Z (mm)	Y (mm)	S2 (mm)
27	18	1.25	200	120	40	4.00
27	18	1.25	300	120	40	4.00
27	18	1.25	400	120	40	4.00
27	18	1.25	500	120	40	4.00
28	30	1.75	200	120	40	4.00
28	30	1.75	300	120	40	4.00
28	30	1.75	400	120	40	4.00
28	30	1.75	500	120	40	4.00
38	40	2.00	200	120	50	4.00
38	40	2.00	300	120	50	4.00
38	40	2.00	400	120	50	4.00
38	40	2.00	500	120	50	4.00
40	60	2.00	200	120	50	4.00
40	60	2.00	300	120	50	4.00
40	60	2.00	400	120	50	4.00
40	60	2.00	500	120	50	4.00

G RAIL CONSOLE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand



PROFILE DIMENSION				PLATE DIMENSION		
Width	Height	Thickness	Length	Width	Length	Thickness
W (mm)	H (mm)	S (mm)	L (mm)	Z (mm)	Y (mm)	S2 (mm)
41	21	2.00	200	120	50	4.00
41	21	2.00	300	120	50	4.00
41	21	2.00	400	120	50	4.00
41	21	2.00	500	120	50	4.00
41	41	2.00	200	120	50	4.00
41	41	2.00	300	120	50	4.00
41	41	2.00	400	120	50	4.00
41	41	2.00	500	120	50	4.00

L RAIL CONSOLE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand
- For a quick and easy fixing, continuous perforation



PROFILE DIMENSION				PLATE DIMENSION		
Width	Height	Thickness	Length	Width	Length	Thickness
W (mm)	H (mm)	S (mm)	L (mm)	Z (mm)	Y (mm)	S2 (mm)
30	30	3.00	200	120	40	4.00
30	30	3.00	300	120	40	4.00
30	30	3.00	400	120	40	4.00
30	30	3.00	500	120	40	4.00
40	40	4.00	200	120	50	4.00
40	40	4.00	300	120	50	4.00
40	40	4.00	400	120	50	4.00
40	40	4.00	500	120	50	4.00

U RAIL CONSOLE

PROPERTIES

- Material: Pre-Galvanized Steel
- Coating: Available zinc. plating on demand
- Feature: For a quick and easy fixing continuous perforation a continuous graduated centimetre scale on two sides.



Width	Height	Length	Thickness	Distance	Holes Dimensions
W (mm)	H (mm)	L (mm)	S (mm)	Z (mm)	AXB (mm)
30	30	2000	2	40	10x20
30	30	4000	2	40	10x20
30	30	2000	2.5	40	10x20
30	30	4000	2.5	40	10x20
30	30	2000	3	40	10x20
30	30	4000	3	40	10x20
40	40	2000	2.5	40	12.5x25
40	40	4000	2.5	40	12.5x25
40	40	2000	3	40	12.5x25
40	40	4000	3	40	12.5x25
40	40	2000	4	40	12.5x25
40	40	4000	4	40	12.5x25
50	50	2000	4	45	12.5x25
50	50	4000	4	45	12.5x25

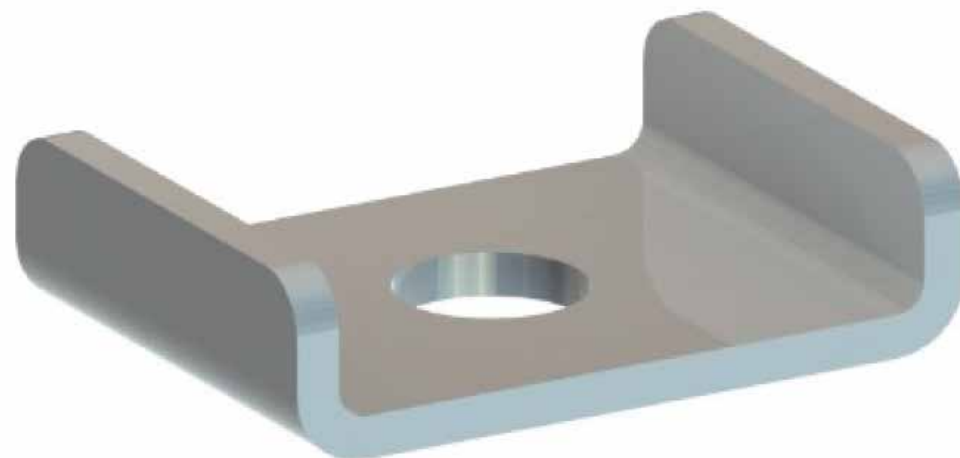
PERFORATED MOUNTING STRIP (GALVANIZED)



Width	Length	Thickness	F	Weigth
W (mm)	L (mm)	(mm)	(min)	Kgs / Casette
12	10	0.3	54.17	0.203
12	10	0.4	74.89	0.271
12	10	0.5	93.61	0.338
12	10	0.6	112.33	0.406
12	10	0.7	131.05	0.474
12	10	0.8	149.78	0.540
17	10	0.3	82.60	0.274
17	10	0.4	110.18	0.366
17	10	0.5	137.76	0.458
17	10	0.6	165.18	0.549
17	10	0.7	192.73	0.641
17	10	0.8	220.26	0.732
12	15	0.3	56.17	0.304
12	15	0.4	74.89	0.406
12	15	0.5	93.61	0.507
12	15	0.6	112.33	0.609
12	15	0.7	131.05	0.710
17	15	0.3	82.60	0.410
17	15	0.4	110.18	0.549
17	15	0.5	137.76	0.682
17	15	0.6	165.18	0.823
17	15	0.7	192.73	0.960

U SHAPED WASHER

d (mm)	A (mm)	H (mm)	L (mm)	g (mm)
9	28	10	30	2.00
9	29	10	30	2.00
9	39	12	30	2.00
11	39	12	30	2.00
9	41	16	30	3.00
11	41	16	30	3.00



SLIDING SUPPORT

Size	Length	Thickness	Weight
(mm)	(mm)	(mm)	Kg
2.00x30x40x200	208	6	0.669
2.00x30x40x250	258	6	0.757
3.00x50x50x250	260	6	1.773

CORNER FOR VENTILATION

A (mm)	B (mm)	L (mm)	g (mm)	K1 (mm)	K2 (mm)	K3 (mm)	K4 (mm)	K5 (mm)	E (mm)	F (mm)	d (mm)
18	15	73	2.0	23.0	-	51.0	10.0	8.0	11.0	9.0	6.2
18	15	95	2.0	23.0	51.0	85.0	10.0	8.0	12.0	9.0	6.0
27	25	103	2.5	35.0	52.0	87.0	10.0	13.0	16.0	13.0	7.2



BEAM CLAMP

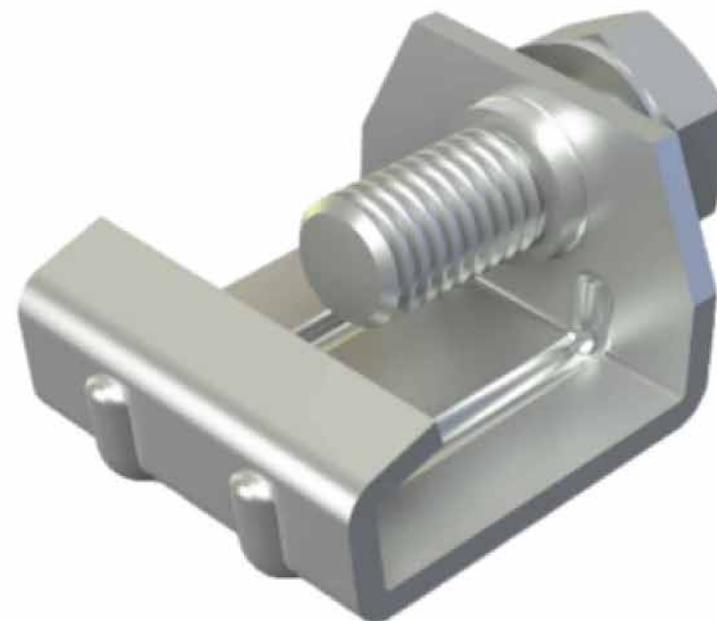
PROPERTIES

- Material: Cast iron
- Coating: Zinc. Plated
- Usage: Fixing the pipes, air canals and sprinkler systems to the construction.

M2	M1	H	h
M8	9	38	20
M10	11	46	21.8
M12	13	54	26

G CLIPS

Width	Height	Length	Thickness	BOLT SIZE
W (mm)	H (mm)	L (mm)	S (mm)	M (mm)
30	13	28	2	M8X20
30	13	28	2	M8X25
30	13	28	2	M8X30



V TRAPEZE HANGER

Size	Thickness & Width	Quantity Per Boxes
	(mm)	Pcs/Box
NULL	1.50 X 25	100
M8	1.50 X 25	100
M10	1.50 X 25	100
M8/M10	1.50 X 25	100

QUICK FIXER



Size	Length	S	SA	T(max.)	Fa,z
	L	(mm)	(mm)	(Nm)	(N)
M8	25	5.0	13	15.0	2.700
M8	30	5.0	13	15.0	2.700
M8	40	5.0	13	15.0	2.700
M8	50	5.0	13	15.0	2.700
M8	60	5.0	13	15.0	2.700
M8	70	5.0	13	15.0	2.700
M8	80	5.0	13	15.0	2.700
M8	100	5.0	13	15.0	2.700
M8	120	5.0	13	15.0	2.700
M8	150	5.0	13	15.0	2.700
M8	180	5.0	13	15.0	2.700
M8	200	5.0	13	15.0	2.700
M10	25	5.0	17	15.0	2.900
M10	30	5.0	17	15.0	2.900
M10	40	5.0	17	15.0	2.900
M10	50	5.0	17	15.0	2.900
M10	60	5.0	17	15.0	2.900
M10	100	5.0	17	15.0	2.900
M10	160	5.0	17	15.0	2.900

SLIDE NUT TB2

Size	S (mm)	T(max.) (Nm)	For Rail	Fa,z (N)	Fa,x (N)
M8	6	25	G Profile	4.500	2.200
M10	9	40	G Profile	5.000	2.550



SLIDE NUT TB3

Size	S (mm)	T(inst.) (Nm)	For Rail	Fa,z (N)	Fa,x (N)
M8	8	11	G Profile	3.120	1.100
M10	8	15	G Profile	5.000	1.250

SLIDE NUT TB4

Size	Screw Length	Size (Outer Diameter x Thickness)
	(mm)	
M8	30	32x2.00 mm
M8	40	32x2.00 mm
M10	30	32x2.00 mm
M10	40	32x2.00 mm

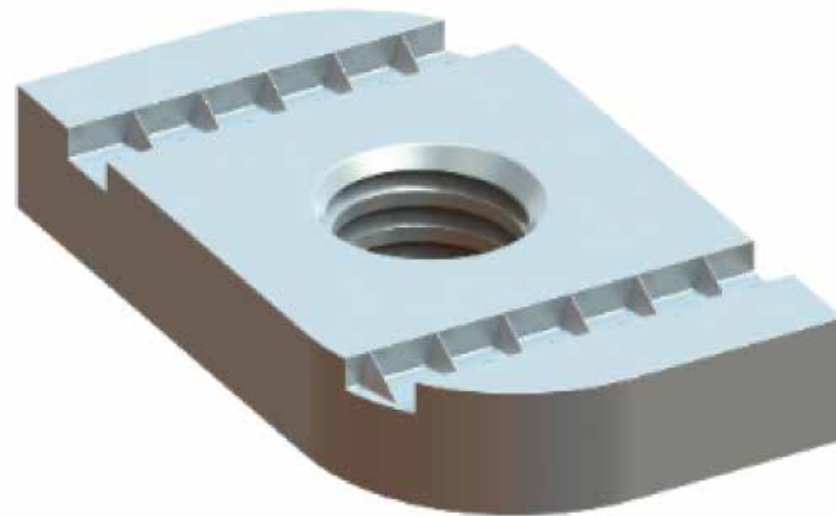


SLIDE NUT TB5

Size	Screw Length	Size (Outer Diameter x Thickness)
	(mm)	
M8	30	32x2.00 mm
M8	40	32x2.00 mm
M10	30	32x2.00 mm
M10	40	32x2.00 mm

SLIDE NUT

Size	Width (mm)	Length (mm)	Thickness (mm)
M8	34	19	6.0
M10	34	19	6.0
M12	34	19	6.0
M8	34	19	8.0
M10	34	19	8.0
M12	34	19	8.0
M8	34	19	10.0
M10	34	19	10.0
M12	34	19	10.0



SPRING SLIDE NUT

Size	Width (mm)	Length (mm)	Thickness (mm)
M6	34	19	6
M8	34	19	6
M10	34	19	6
M12	34	19	6

WALL PLATE WITH NUT

Size	Width (mm)	Length (mm)	Thickness (mm)
M8	80	25	1.5
M10	80	25	1.5
M12	80	25	1.5
M16	80	25	1.5
M8/10	80	25	1.5
M10/12	80	25	1.5



WALL PLATE WITH BOLT

Size	Width (mm)	Length (mm)	Thickness (mm)
M8	80	25	1.5
M10	80	25	1.5
M12	80	25	1.5
M16	80	25	1.5
M8/10	80	25	1.5
M10/12	80	25	1.5

THREADED ROD



Size	Length	Pieces	Weight
	(mm)	PCS/Bundle	PCS
M6	1000	150	0.170
M6	2000	75	0.340
M8	1000	100	0.300
M8	2000	50	0.600
M10	1000	60	0.480
M10	2000	30	0.960
M12	1000	40	0.700
M12	2000	20	1.400
M14	1000	30	0.980
M14	2000	15	1.960
M16	1000	25	1.300
M16	2000	25	2.600
M18	1000	20	1.600
M18	2000	20	3.200
M20	1000	15	2.400
M20	2000	15	4.800

Size	Recommended Load (KN)
M8	3.0
M10	4.6
M12	6.7
M14	9.0
M16	12.5
M18	18.0
M20	19.6

STUD BOLT

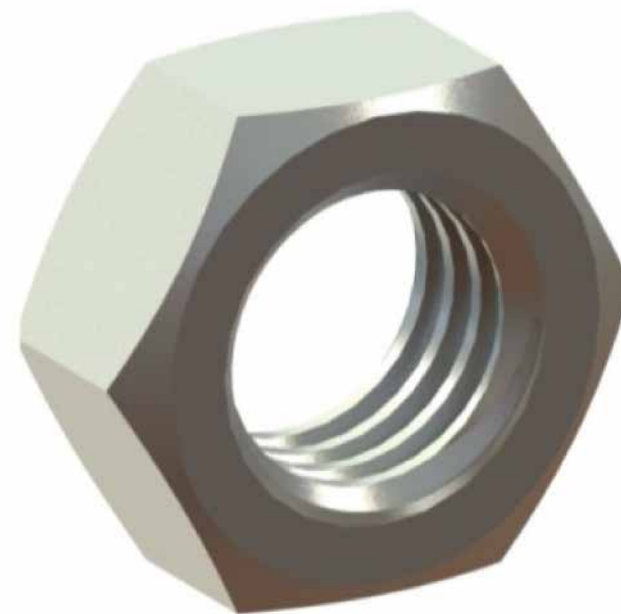


Size	Length
	(mm)
M8	40
M8	50
M8	60
M8	80
M8	100
M8	120
M10	40
M10	50
M10	60
M10	80
M10	100
M10	120

Size	Recommended Load (kN)
M8	3.0
M10	4.6
M12	6.7
M14	9.0
M16	12.5
M18	18.0
M20	19.6

NUT DIN 934

Size	Inner Diameter	Outer Diameter	Thickness	Weight
M	(mm)	(mm)	(mm)	(gr)
M6	9	10	5	2.5
M8	11.7	13	6.5	5.2
M10	15.3	17	8	11.6
M12	17.1	19	10	17.3
M14	19.8	22	11	25
M16	21.6	24	13	33.3
M18	24.9	27	15	49.4
M20	27	30	16	64.4
M22	28.8	32	18	79
M24	32.4	36	19	110



EXTENSION NUT

Size	L
M	(mm)
M6	30
M8	30
M10	30
M12	40
M14	40
M16	48
M18	48
M20	60

BOLT DIN 933



Size	Length	Weight
M	L (mm)	(gr)
M5	15	3.12
M5	30	5.11
M6	15	4.76
M6	30	7.51
M8	15	10.35
M8	20	12.3
M8	25	12.9
M8	30	15.5
M10	15	18.2
M10	30	26.2
M10	40	31.2
M10	50	36.2
M12	30	37.7
M12	45	48.5
M16	30	76.9
M16	45	97.1

ADAPTOR TRIPHONE



Size	M	L
	(mm)	(mm)
M8X50	M8	50
M8X80	M8	80
M8X100	M8	100
M8X120	M8	120
M10X80	M10	80
M10X100	M10	100
M10X120	M10	120
M12X80	M12	80
M12X100	M12	100
M12X120	M12	120

DROP-IN ANCHOR

PROPERTIES

- Material: Steel
- Usage: It is suitable for the assembly by the normal bolt and stab used in the assembly of medium and heavy loads to concrete.



Drill Diameter	Size	Length	Pull Load	Tightening Torque	Hole Depth
(mm)	(m)	(mm)	(mm)	(mm)	(mm)
8	M6	25	350	12	25
10	M8	30	500	15	30
12	M10	40	700	18	40
15	M12	50	2000	20	50
17	M14	55	2250	20	55
20	M16	65	2400	22	65

Size	Bending Moment	Recommended Load
	(Nm)	(KN)
M6	2.5	1
M8	6.2	1.8
M10	12.5	3.6
M12	21.8	5.7
M16	55.8	7.4

DRAW-IN ANCHOR

PROPERTIES

- Material: Steel
- Usage: It is suitable for the assembly by the normal bolt and stab used in the assembly of medium and heavy loads to concrete.

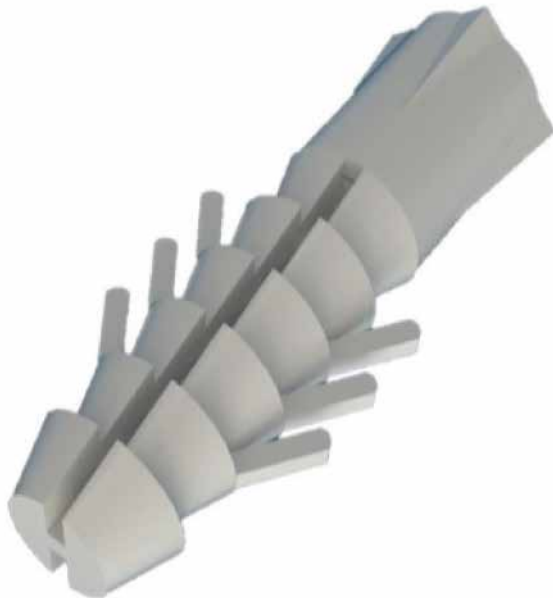


Drill Diameter	Size	Anchor Diameter	Pull Load	Tightening Torque	Hole Depth
(mm)	(m)	(mm)	(mm)	(mm)	(mm)
12	M6	45	1000	11	60
12	M8	48	1500	12	65
15	M10	55	2000	15	75
18	M12	67	2500	18	85
24	M16	90	3000	22	90

Size	Bending Moment	Recommended Load
	(Nm)	(KN)
M8	12.5	3.5
M10	24.9	5
M12	43.7	7.04

HOOK ANCHOR

Drill Diameter (mm)	Size (m)	Anchor Length (mm)
12	M6	45
15	M8	60
18	M10	70
24	M12	90



STANDARD PLASTIC ANCHOR

Colour	Size (mm)	Length (mm)
White	6	30
White	8	40
White	10	50
White	12	70
Grey	6	30
Grey	8	40
Grey	10	50
Grey	12	70

ROCKET ANCHOR

Colour	Size	Length
	(mm)	(mm)
Yellow	8	50
Yellow	10	60



BRICK ANCHOR

Colour	Size	Length
	(mm)	(mm)
Navy Blue	8	60
Navy Blue	8	80
Navy Blue	8	0

COLLECTOR BOX (WITH CONSOLES)

Width	Length
40	60
60	60
80	60
100	60

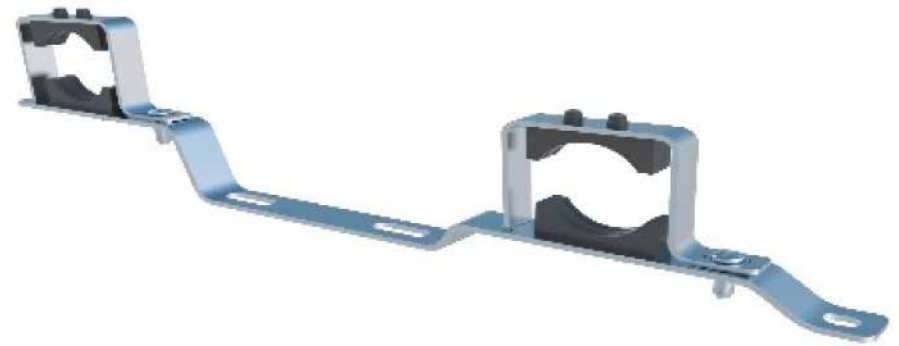


COLLECTOR BOX

Width	Length
(mm)	(mm)
40	60
60	60
80	60
100	60

COLLECTOR CLAMP SQUARE

Dimensions	
Inch	(mm)
3/4	25
1	32
1 1/4	40



COLLECTOR CLAMP ROUND

Dimensions	
Inch	(mm)
3/4	25
1	32
1 1/4	40







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