INVICITA®

CLAMPS

INNOVATIVE CLAMPING TECHNOLOGY

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Invicta Clamps : Catlogue_EN -

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ABOUT INVICTA CLAMPS

Invicta Clamps is headquartered in Delhi, India and primarily operates in the lucrative niche category of clamping products. The company offers 20,000 products and solutions for a wide range of applications.

Since 1980 Invicta has been at the forefront of clamp and connecting technology. With a comprehensive range and proven quality and reliability, Invicta clamps are second to none. All Invicta clamps are manufactured to stringent quality standards. We provide the most up to date range of clamping products for agricultural machinery, commercial vehicles, construction equipment, engines, aviation, infrastructure/construction/water management, passenger vehicles, railway, white goods, wholesalers, and technical distributors.

Today Invicta Clamps are used by more than 1000 customers in 120 countries. With 7 production facilities and 10 warehouses, Invicta Clamps is continuing on its journey with consistent year-over-year growth in sales volume and R&D expenditure. With the support of our dedicated employees, we consistently products that exceed the expectations of our customers.

RELIABLE QUALITY 	There is a reason why INVICTA Clamps are generally the first choice for our customers . Our relentless and ruthless focus on quality, combined with internationally certified facilities and proce sses, ensures that our customers always receive superior quality products. Approximately 95% of our products are manufactured on fully automated machinery, thereby ensuring a low error rate and consistent quality. At INVICTA, we follow a stringent quality system, from design and development through to assembly and packaging.
At INVICTA, the initial design process involves computer aided design and simulations. We use the latest design and analytical software systems to ensure that the most efficient and o ptimal technical designs are created. Subsequently, prototypes are comprehensively tested at our laboratory.	SUPERIOR ENGINEERING

Universal U Bolt Pipe Clamps / Universal Exhaust Clamps (M8 / M10)

Available in : Zinc Plating, Chrome Plating, Stainless Steel 304
Custom Sizes Available on Request

Pre-Assembled with 2 DIN934 Nuts
Applications : Exhaust Systems, TV Antennas, Signage Mountings

Size (in MM)						
26mm	40mm	52mm	65mm	85mm	106mm	135mm
28mm	41mm	54mm	67mm	89mm	107mm	140mm
32mm	42mm	57mm	70mm	92mm	114mm	142mm
35mm	45mm	58mm	75mm	95mm	120mm	165mm
36mm	48mm	60mm	80mm	99mm	127mm	200mm
38mm	50mm	63mm	83mm	102mm	130mm	

Universal U Bolt Pipe Clamps with Consolidation (M8 / M10)

Available in : Zinc Plating, Chrome Plating, Stainless Steel 304
Custom Sizes Available on Request

Pre-Assembled with 2 DIN934 Nuts
Applications : Exhaust Systems, TV Antennas, Signage Mountings
Double Edge Consolidation provides added safety and strength by restricting the saddle from expanding.
The welded strips eliminate the possibility of having the clamp come off.

Size (in MM)		
70 MM S/W	102 MM S/W	135 MM S/W
76 MM S/W	105 MM S/W	140 MM S/W
80 MM S/W	106 MM S/W	142 MM S/W
83 MM S/W	110 MM S/W	145 MM S/W
85 MM S/W	115 MM S/W	150 MM S/W
88 MM S/W	120 MM S/W	155 MM S/W
90 MM S/W	124 MM S/W	160 MM S/W
92 MM S/W	125 MM S/W	165 MM S/W
95 MM S/W	128 MM S/W	200 MM S/W
100 MM S/W	130 MM S/W	

⅜" UNC Heavy Duty Double-Edge Closed-End U Bolt Clamp (Round or Flat U Bolt)

Available in : Zinc Plating, Stainless Steel 304, or Carbon Steel Ungalvanised (coated with oil)
Pre-assembled with Serrated Flange Nuts
Applications : Exhaust Systems, TV Antennas, Signage Mountings
Double Edge Consolidation provides added safety and strength by restricting the saddle from expanding.
The welded strips eliminate the possibility of having the clamp come off.

Custom Sizes Available on Request

Available Sizes (inch)
3.00″
3.25″
3.50″
4.00″
4.50″
5.00″
5.50″
6.00″

⅜" UNC Heavy Duty Double-Edge Open End U Bolt Clamp (Round or Flat U Bolt)

Available in : Zinc Plating, Stainless Steel 304, or Carbon Steel Ungalvanised (coated with oil)
Suitable for a wide range of non slotted pipe diameters.

Pre-assembled with Serrated Flange Nuts
Applications : Exhaust Systems, TV Antennas, Signage Mountings
Suitable for Lap Style Joint Connections

Custom Sizes Available on Request

Available Sizes (inch)
3.00″
3.25″
3.50″
4.00″
4.50″
5.00″
5.50″
6.00″

ARS Pipe Clamp (Volvo Exhaust Clamp)

Available in : Zinc Plating, Chrome-Plating, Stainless Steel 304
Bolt : M8 or M10 or M12 Hexagon Head Bolt (depending on diameter)
Pre-assembled with screw, nut, and 2 plain washers
Superior engineering of the clamp band ensures even pressures across the pipe circumference
Single Bolt Closure allows for easy installation.
This clamp offers a secure and reliable connection for pipes that are fitted into one another.
It is also a highly reliable choice for pipes that subject to temperature fluctuations.
Applications : Agricultural Machines, Building Machines, Exhaust Systems, Engine Manufacturing

Technical Data Sheets and Drawings are available upon request.

Available Sizes (mm)				
27MM	49.1MM	67MM	85MM	114MM
30MM	51MM	69MM	87MM	120MM
33MM	54.5MM	70MM	90MM	128MM
36MM	55MM	71MM	94MM	135MM
38MM	56MM	73MM	96MM	142MM
42MM	58MM	74MM	100MM	147MM
45MM	61MM	77MM	104MM	159MM
47MM	63MM	80MM	107MM	
48MM	64MM	83MM	110MM	

Ribbed Saddle U Bolt Clamp

Available in : Zinc Plating, Stainless Steel 304, or Ungalvanised (coated with oil)
Available in : 3/8” UNC or 5/16” UNC Rolled Thread Round U Bolts
Pre-assembled with Serrated Flange Nuts
Applications : Exhaust Systems, TV Antennas, Signage
This clamp offers a lightweight alternative with outstanding strength and sealability.
Available optionally with slotted holes.
Also available in 11 GA Steel

Custom Sizes Available on Request

Available Sizes (Inch)		
1 ⅛ ″	2.00″	4.00″
1.25″	2 ⅛″	5.00″
1 ⅜ ″	2.25″	6.00″
1.50″	2.50″	
1⅝ ″	2.75″	
1.75″	3.00″	
1⅞″	3.50″	

Guillotine Style Muffler Clamp

Available in : Trivalent Zinc Plating, Nickel Chrome-Plating, Stainless Steel 304
U Bolt : ⅜” UNC Round or ⅜” UNC Flat
Features:

- Superior sealability and versatility

Provides a complete 360 degree heavy duty seal.

Available Sizes (Inch)	
2 in.	3.88 in.
2 ¼ in.	4 in.
2 ½ in.	4.44 in.
2 ¾ in.	4 ½ in.
3 in.	5 in.
3 ? in.	5 ½ in.
3 ½ in.	6 in.

DIN 71555 Clamp

Available in : Zinc Plating, Chrome-Plating, Stainless Steel 304

Bolt : M8 or M10 or M12 DIN603 Carriage Bolt (Depending on Diameter)

Pre-Assembled with Bolt, Nut, and Washer

Applications : Agricultural Machines, Building Machines, Engine Manufacturing

This clamp can also function as a fixing clip.

This clamp offers a secure connection for pipes that are fitted into one another.
Custom Sizes are available upon request.

Available Sizes (mm)		
Size in Ø	Width	Thickness
30.2 MM	20 MM	2 MM
32.2 MM	20 MM	2 MM
35.2 MM	20 MM	2 MM
37.2 MM	20 MM	2 MM
40.3 MM	25 MM	3 MM
42.3 MM	25 MM	3 MM
45.5 MM	25 MM	3 MM
48.5 MM	25 MM	3 MM
50.5 MM	25 MM	3 MM
53.5 MM	25 MM	3 MM
55.5 MM	25 MM	3 MM
58.5 MM	25 MM	3 MM
60.5 MM	25 MM	3 MM
63.5 MM	25 MM	3 MM
65.5 MM	25 MM	3 MM
68.5 MM	25 MM	3 MM
70.5 MM	30 MM	4 MM
73.5 MM	30 MM	4 MM
75.5 MM	30 MM	4 MM
78.5 MM	30 MM	4 MM
80.5 MM	30 MM	4 MM
83.5 MM	30 MM	4 MM
85.5 MM	30 MM	4 MM
90.5 MM	30 MM	4 MM
94.5 MM	30 MM	4 MM
100.5 MM	30 MM	4 MM
102.5 MM	30 MM	4 MM
104.5 MM	30 MM	4 MM
108.5 MM	30 MM	4 MM
110.5 MM	30 MM	4 MM
114.5 MM	30 MM	4 MM
120.5 MM	30 MM	4 MM
124.5 MM	30 MM	4 MM
127.5 MM	30 MM	4 MM
130.5 MM	30 MM	4 MM
134.5 MM	30 MM	4 MM
152.5 MM	30 MM	4 MM
168.5 MM	30 MM	4 MM
220.5 MM	30 MM	4 MM
250.5 MM	30 MM	4 MM
255.5 MM	30 MM	4 MM
273.5 MM	30 MM	4 MM
275.5 MM	30 MM	4 MM
300.5 MM	30 MM	4 MM

SEAL CLAMP

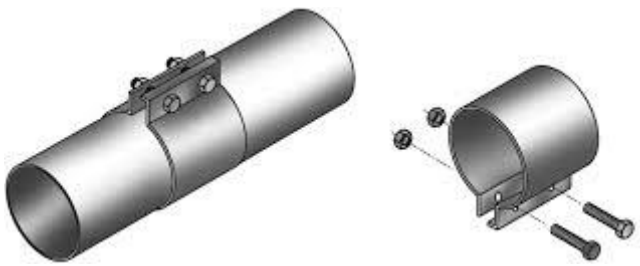
Available in : Zinc Plating, Stainless Steel 304
Custom Sizes are available upon request.

Available Sizes (inch)		
2 in.	3 ⅛ in.	5 in.
2 ¼ in.	3 ¼ in.	6 in.
2 ⅜ in.	3 ½ in.	
2 ½ in.	4 in.	
2 ⅝ in.	4 ⅜ in.	
2 ¾ in.	4 ½ in.	
3 in.	4 ¾ in.	

FLAT CLAMP

Available in : Zinc Plating, Stainless Steel 304
Custom Sizes are available upon request.

Available Sizes	
50mm	101.6mm
57mm	108mm
60mm	114.3mm
63.5mm	127mm
70mm	138mm
76.2mm	152mm
88.9mm	



Flexible Tight-Seal Clamp / Lap Joint Clamp

Available in : Zinc Plating, Chrome-Plating, Stainless Steel 304

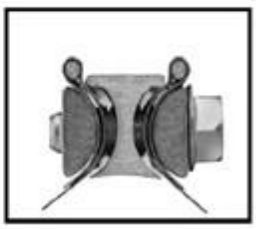
Causes no damaging distortion to pipe or flex. Band is designed for maximum stretch and tight take-up.

The reaction block provides a full 360-degree equal distribution of stretching forces and a complete seal.

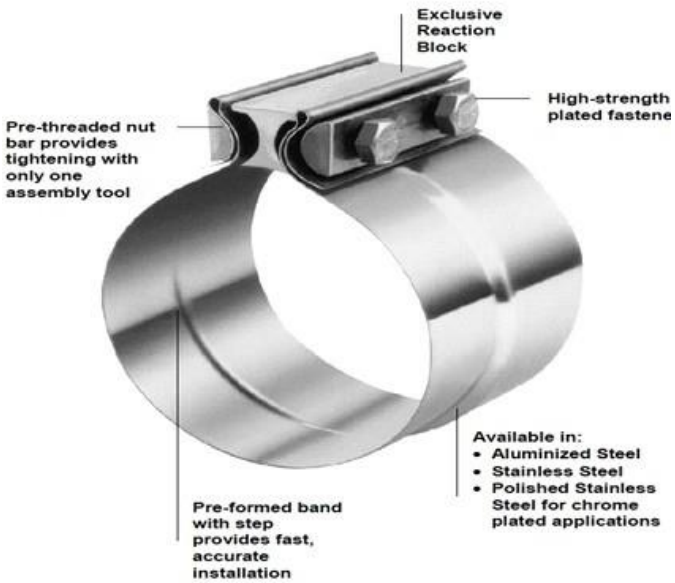
A (mm)	A (inch)	B (mm)	B (inch)
50	2	55	2.25
57	2.25	62	2.50
63.5	2.5	67	2.75
70	2.75	75	3.00
76.2	3	81.2	3.25
88.9	3.5	93.6	3.50
100	3.875	105	4.00
101.6	4	106.6	4.00
114.3	4.5	119	4.50
120	4.75	125	4.75
127	5	132	5.00
152	6	158	6.00

Unitized assembly. NO LOOSE hardware. Slides into place, installs easily and reliably.

The reaction block transfers bolt torque into clamp strength and an assured seal.



The simple, effective way to connect exhaust system components. Replaces U-bolts and clamps.
Exclusive design makes for fast, easy and accurate installation.



RXD Drainage Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 304
Bolt: Hexagonal Head

Sealing Sleeve - Material: EPDM

Advantages:

- Fast and Easy installation
- Suitable for Repair Purposes

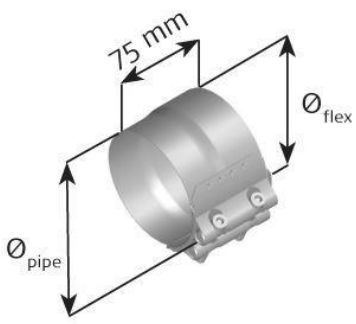
Available Sizes (Pipe Diameter)
65mm
85mm
90mm
115mm
140mm
170mm
220mm
286mm
338mm

Flexible Fit Clamp Buttfit

Available in: Trivalent Zinc Plating, Stainless Steel 304
Bolt: Allen Socket Head (x2)

- Stepped strap accommodates flexible pipe for fast, accurate, and easy installation.
- Strong, reliable, lightweight, and flexible.
- Cylindrical trunnions allow the screws to self-center to optimise performance.
- Tolerates flex-variations of 2mm on diameter and clamps can be re-tightened.
- Maximum recommended torque = 25 Nm
- Stepping bridge provides a 360 degree force distribution.

A (mm)	A (inch)	B (mm)	B (inch)
50	2	55	2.25
57	2.25	62	2.50
63.5	2.5	67	2.75
70	2.75	75	3.00
76.2	3	81.2	3.25
88.9	3.5	93.6	3.50
100	3.875	105	4.00
101.6	4	106.6	4.00
114.3	4.5	119	4.50
120	4.75	125	4.75
127	5	132	5.00
152	6	158.0	6.00



INVICTA T-Bolt Hose Clamp

Available in: Trivalent Zinc Plating, Nickel Chrome-Plating, Stainless Steel 304, Stainless Steel 316
Bolt: T Bolt Grade 8.8, Sheet Thickness : 0.6mm or 1.5mm, Band Width : 20mm (¾")
Custom Sizes available
This high strength clamp is designed for industrial, marine and vehicle applications.
T-bolt clamps provide higher tensile strength, durability, and corrosion resistance than typical worm clamps.

I.D. Min (in)	I.D. Max (in)	I.D. Min (mm)	I.D. Max (mm)
1.38	1.57	35.1	39.9
1.5	1.69	38.1	42.9
1.63	1.88	41.3	47.8
1.75	2	44.5	50.8
1.88	2.19	47.6	55.6
2	2.31	50.8	58.7
2.13	2.44	54.1	62
2.25	2.56	57.2	65
2.38	2.69	60.3	68.3
2.5	2.81	63.5	71.4
2.63	2.94	66.7	74.7
2.75	3.06	69.9	77.7
2.88	3.19	73	81
3	3.31	76.2	84.1
3.13	3.44	79.4	87.4
3.25	3.56	82.6	90.4
3.38	3.69	85.7	93.7
3.5	3.81	88.9	96.8
3.63	3.94	92.1	100.1
3.75	4.06	95.3	103.1
4	4.31	101.6	109.5
4.25	4.56	108	115.8
4.5	4.81	114.3	122.2
4.75	5.06	120.7	128.5
5	5.31	127	134.9
5.25	5.56	133.4	141.2
5.5	5.81	139.7	147.6
5.75	6.06	146.1	153.9
6	6.31	152.4	160.3
6.25	6.56	158.8	166.6
6.5	6.81	165.1	173
6.75	7.06	171.5	179.3
7	7.31	177.8	185.7
7.25	7.56	184.2	192
7.5	7.81	190.5	198.4
7.75	8.06	196.9	204.7
8	8.31	203.2	211.1
8.25	8.56	209.6	217.4
8.5	8.81	215.9	223.8

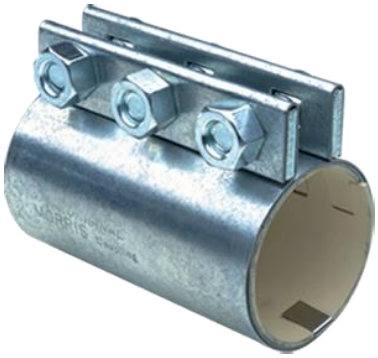
Sleeves and Coupling

COMPRESSION COUPLINGS

The compression coupling designed to join pipe and tubing for pneumatic conveying systems.

- Easy to install
- Pipe and tube sizes 1/2" through 48"
- Standard construction is heavy gauge zinc-plated steel
- Also available in stainless steel and aluminum
- Static conductive grounding strip is standard

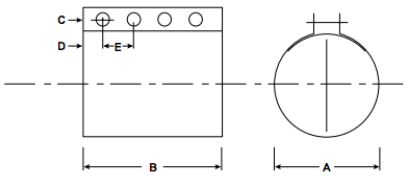
Size	Thickness	
	Shell	Sleeve
1/2" - 2-7/8" OD	0.052	0.052
3" OD	0.052	0.052
3-1/4" - 5" OD	0.062	0.052
5-1/4" - 8-5/8" OD	0.062	0.052
9" - 24" OD	0.062	0.062



CLAMP SLEEVES

Standard clamp sleeves are manufactured from galvanized steel. For other materials contact the factory. All hardware is included and assembled in the coupling for customer convenience. Clamp sleeves are designed for low-pressure systems. Designed to be used in message tube systems. Not suitable for pneumatic conveying.

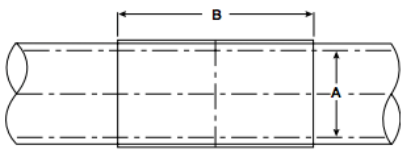
I.D.	Length	Number of Holes	D	E	Gauge
A	B	C			
3"	5"	4	.40"	1.40"	18
4"	5"	4	.40"	1.40"	18
6"	5"	4	.40"	1.40"	18
8"	5"	4	.40"	1.40"	18



SOLID SLEEVES

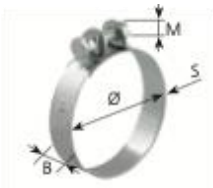
Galvanized steel solid sleeves for low-pressure systems. The solid sleeve fits the outside diameter of the tubing or fitting. It may be attached by the use of a shrink sleeve, adhesive, brazing or welding.

I.D.	Length	Gauge
A	B	
3"	4"	16
4"	5"	16
5"	6"	16
6"	3"	16
6"	6"	16
8"	3"	16
8"	6"	16



MINI CLAMP Jaw Fastening Clamp (DIN 3016-2, DIN 3017-2)

Available in: Trivalent Zinc Plating, Stainless Steel 304
Bolt: Allen Socket Head
Pre-Assembled with bolt, nut and washer
Suitable for small thin walled hoses.
Clamp secured nut.



Available Sizes (mm)			
29-31	56-59	92-97	149-161
32-35	60-63	98-103	162-174
36-39	64-67	104-112	175-187
40-43	68-73	113-121	188-200
44-47	74-79	122-130	201-213
48-51	80-85	131-139	
52-55	86-91	140-148	

Flexible Fit Clamp Standard

Available in : Trivalent Zinc Plating, Stainless Steel 304

A (mm)	A (inch)	B (mm)	B (inch)
50	2	55	2.25
57	2.25	62	2.50
63.5	2.5	67	2.75
70	2.75	75	3.00
76.2	3	81.2	3.25
88.9	3.5	93.6	3.50
100	3.875	105	4.00
101.6	4	106.6	4.00
114.3	4.5	119	4.50
120	4.75	125	4.75
127	5	132	5.00
152	6	158	6.00

Clamp Collar Hook for Swings (Round)

Band schommelhaken | Manschettenhaken | Crochets avec bande de tension
Available in : Carbon Steel with Zinc Plating

Available Sizes (mm)	Thickness (mm)
50mm	2mm
50mm	2.5mm
70mm	2.5mm
80mm	2mm
80mm	2.5mm
80mm	3mm
80mm	4mm
90mm	2.5mm
90mm	3mm
97mm	3mm
97mm	4mm
100mm	3mm
120mm	3mm

Clamp Collar Hook for Swings (Square)

Band schommelhaken | Manschettenhaken | Crochets avec bande de tension
Available in : Carbon Steel with Zinc Plating
Width = 35mm

Available Sizes (mm)	Thickness (mm)
45x70mm	3mm
70x70mm	2.5mm
90x90mm	2.5mm

DTS Series Circular Band Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 304, Black Powder Coating

Bent or Straight Bolt options available

Available Sizes	(inch)
2 in.	4.00 in.
2.13 in.	4.25 in.
2.25 in.	4.50 in.
2.50 in.	5.00 in.
2.75 in.	5.50 in.
3.00 in.	6.00 in.
3.25 in.	7.00 in.
3.50 in.	8.00 in.
3.88 in.	

HeavyDutyClamp(VAGExhaustClamp)

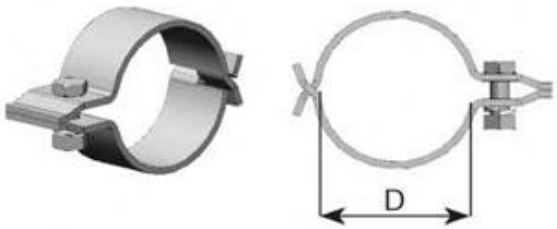
Available in: Zinc Plating, Stainless Steel 304
Bolt: 8x50 or 10x55 or 12x40 DIN603 Carriage Bolt 8.8
Pre-assembled with DIN603 Bolt, DIN125 spring-washer, and DIN934 hexagonal-nut
Available in 2 designs

Available Sizes (mm)			
23.5mm	51.5mm	64.5mm	100.5mm
28.5mm	52.5mm	65.5mm	104.5mm
32.5mm	53.5mm	68.5mm	107.5mm
38.5mm	54.5mm	70.5mm	110.5mm
41.5mm	55.5mm	73.5mm	114.5mm
42.5mm	56.5mm	75.5mm	120.5mm
44.5mm	57.5mm	78.5mm	124.5mm
45.5mm	58.5mm	80.5mm	127.5mm
46.7mm	59.5mm	85.5mm	130.5mm
48.5mm	60.5mm	89.5mm	133.5mm
49.5mm	62.5mm	90.5mm	
50.5mm	63.5mm	94.5mm	

Hinge Clamp

Available in: Zinc Plating (Mild Steel ST-37)
Bolt: DIN603 (M8 or M10 or M12 depending on diameter)
Pre-assembled with nut and washer

Available Sizes	(mm)
53.5mm	85.5mm
55.5mm	90.5mm
58.5mm	94.5mm
60.5mm	100.5mm
63.5mm	104.5mm
65.5mm	110.5mm
68.5mm	114.5mm
70.5mm	120.5mm
73.5mm	124.5mm
75.5mm	127.5mm
78.5mm	130.5mm
80.5mm	



Worm Drive Hose Clamp (in accordance with DIN 3017-1)

Available in: Zinc Plating (Mild Steel), Stainless Steel 304, Stainless Steel 316 (W1/W2/W3/W4/W5)
Applications: Automotive, Irrigation, General Purpose, Marine, Industrial, Oil Lines, Construction
Bolt: Hexagonal Head with screwdriver slot

Additional diameters available on request up to 710mm
Smooth or stamped inside of band is designed to prevent hose damage (non-perforated)
Low free torque for easy installation. Torque Tables available on request.
Technically advanced design for superior sealing.
Short housing saddles provides even distribution of clamping pressure.

Clamping Range (mm)	Width (mm)
8 - 12	7.5
10 - 16	7.5
12 - 18	7.5
12 - 22	7.5
16 - 27	7.5
8 - 12	9
8 - 16	9
12 - 22	9
16 - 27	9
20 - 32	9
23 - 35	9
25 - 40	9
30 - 45	9
35 - 50	9
40 - 60	9
50 - 70	9
60 - 80	9
70 - 90	9
80 - 100	9
90 - 110	9
100 - 120	9
110 - 130	9
120 - 140	9
130 - 150	9
140 - 160	9
16 - 27	12
20 - 32	12
23 - 35	12
25 - 40	12
30 - 45	12
35 - 50	12
40 - 60	12
50 - 70	12
60 - 80	12
70 - 90	12
80 - 100	12
90 - 110	12
100 - 120	12
110 - 130	12
120 - 140	12
130 - 150	12
140 - 160	12

Constant Torque Worm Drive Clamp

Available in: SS 304 Band with SS 410 Screw

Band Width: 14.2mm or 15.8 mm

Available Size	(mm)
24 - 45	108 - 130
21 - 38	121 - 143
21 - 45	133 - 156
27 - 51	146 - 168
32 - 54	159 - 181
45 - 67	171 - 194
57 - 79	184 - 206
70 - 92	197 - 219
83 - 105	210 - 232
95 - 117	

Mini Hose Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 201 or 304 (W1 / W2 / W3 / W4)

Band Width: 8mm

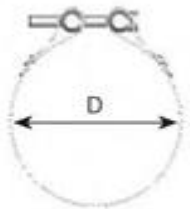
Available Size (mm)	
6 - 16	7/32 - 5/8
8 - 22	-
11 - 20	7/16 - 25/32
14 - 27	9/16 - 1 1/16

Tight Fit Clamp

Available in: Zinc Plating (Mild Carbon Steel), Stainless 304, Stainless Steel 316, Nickel-Chrome Plating
Bolt: Socket Head (Quick-Latch Hook-In)
Pre-assembled with bolt and cylindrical trunnions.

No loose parts, and no need to separate pipes before clamping.
Designed to connect exhaust pipes with slotted ends.
Strong, reliable, lightweight, and flexible.
Spot Welds eliminate the risk of fatigue failure.
Cylindrical Trunnions allow the screw to self-centre.
Design can tolerate variations in diameter of +/- 2mm
No sharp burrs.

Size (mm)	Size (inch)
51 - 54	2
54 - 57	2 ¼
60 - 63	2.375
64 - 67	2 ½
66 - 69	2 ⅝
71 - 74	2 ¾
78 - 81	3
81 - 84	3 ⅛
86 - 89	3 ⅓
90 - 93	3 ½
91 - 94	3 ½
101 - 105	4
102 - 106	4
111 - 116	4 3/8
115 - 119	4 ½
122 - 127	4 ¾
128 - 132	5
153 - 158	6



Pipe Fit Clamp

Available in: Zinc Plating, Stainless Steel 304, Stainless Steel 316
Bolt: Socket Head
Pre-assembled with bolt and two barrel nuts.
Band Width : 35mm

Size (mm)	Size (inch)
51 - 54	2
54 - 57	2 ¼
60 - 63	2.375
64 - 67	2 ½
66 - 69	2 ⅝
71 - 74	2 ¾
78 - 81	3
81 - 84	3 ⅛
86 - 89	3 ⅓
90 - 93	3 ½
91 - 94	3 ½
101 - 105	4
102 - 106	4
111 - 116	4 3/8
115 - 119	4 ½
122 - 127	4 ¾
128 - 132	5
153 - 158	6

Double Wire Clamp

Available in : Trivalent Zinc Plating
Bolt : Phillips Socket Head
Highly suited to soft and semi-rigid hoses, with spiral or braided reinforcement.
Applications : Agricultural, Irrigation, Automotive, General Industry, HVAC

Available Sizes (mm)		
9.5 - 12	41 - 46	120 - 128
10.5 - 13	43.5 - 49	124 - 132
11.5 - 14	46.5 - 53	125 - 140
12.5 - 15	50.5 - 56	134 - 150
13 - 16	53.5 - 60	145 - 160
13.5 - 17	56.5 - 64	150 - 165
15 - 18	60 - 68	155 - 170
15.5 -19	64 - 72	165 - 180
17 - 20	68.5 - 76	175 - 190
17.5 - 21	72.5 - 80	
18.5 - 22	76.5 - 84	
19 - 23	80 - 88	
21.5 - 25.5	84 - 92	
23.5 - 27	88 - 96	
25 - 29	92 - 100	
27 - 31	95 - 104	
29 - 33	98 - 108	
30.5 - 35	103 - 112	
33 - 37	109 - 116	
35.5 - 40.5	111 - 120	
38.5 - 43	115 - 124	

Double Ear Clamp

Available in : Trivalent Zinc Plating

Suitable for use on compressed air, liquid, and gas lines
A simple and economical situation for many difficult tightening and sealing problems
The ear is clamp is passed over the material that is to be mounted and then squeezed together with pliers

Available Sizes (mm)	
24 - 45	95 - 117
21 - 38	108 - 130
21 - 45	121 - 143
27 - 51	133 - 156
32 - 54	146 - 168
45 - 67	159 - 181
57 - 79	171 - 194
70 - 92	184 - 206
83 - 105	197 - 219

RSS Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 304

Available Sizes (mm)		
40 - 43	72 - 76	149 - 161
44 - 47	80 - 85	162 - 174
48 - 51	86 - 91	175 - 187
52 - 55	92 - 97	188 - 200
56 - 59	98 - 103	201 - 213
58 - 61	104 - 112	214 - 226
60 - 63	113 - 121	227 - 239
64 - 67	122 - 130	260 - 270
68 - 73	140 - 148	313 - 323
74 - 79	131 - 139	320 - 330

FLAT CLAMP BUTTFIT

Available in: Trivalent Zinc Plating, Stainless Steel 304

Designed to connect exhaust pipes end-to-end.
Strong, reliable, lightweight, and flexible.
No need to separate pipes before clamping.
Simply torque the socket cap screws for fast assembly.
Available for pipe sizes from 50.8 to 152.0mm.
Maximum Recommended Torque = 25Nm
75mm wide strap allows for fast, accurate, and easy installation.
Bridging Seal helps provide a 360-degree seal.
Cylindrical Trunnions allow the screw to self-centre.
Spot welds insure against fatigue failures.

Size (mm)	Size (inch)
50.8	2
57	2 ¼
60.3	2 ?
63.5	2 ½
69.9	2 ¾
76.2	3
88.9	3 ½
101.6	4
108	4 ½
114.3	4 ½
127	5
140	5 ½
152	6

FLAT SEAL CLAMP COUPLER / BUTT JOINT CLAMP

Available in: Trivalent Zinc Plating, Stainless Steel 304, Stainless Steel 409
Provides joint serviceability
Does not require pipe overlap
Pre-assembled - easy installation
Unique sealing performance
Superior clamp load capability

Size (mm)	Size (inch)
50.8	2
57	2 ¼
60.3	2 ?
63.5	2 ½
69.9	2 ¾
76.2	3
88.9	3 ½
101.6	4
108	4 ½
114.3	4 ½
127	5
140	5 ½
152	6

BALL ZONE EXHAUST GAS CLAMP

Available in: Trivalent Zinc Plating, Stainless Steel 304
The Ball Zone Exhaust Gas Clamps are the ideal solution when it comes to making connections in central and rear exhaust gas areas. When used in conjunction with flange joints, it is possible to swivel silencers during installation.
Applications: Agricultural Machines, Building Machines, Engine Manufacturing
ADVANTAGES :

1. Angle Compensation in Exhaust Gas System
2. Silencers can be swiveled during installation
3. Easier installation and removal
4. Higher Torsion moments than conventional ball shaped flange connections
5. Low Leakage
6. Low Weight

Available Sizes
55mm - 65mm (2 3/16″)
60mm - 69.5mm (2 ⅜″)
65mm - 75mm (2 9/16″)
70mm - 81.5mm (2 ¾″)

CIRCLE CLAMP

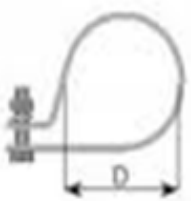
Available in: Trivalent Zinc Plating (9 micron min.)

Available Sizes
76mm - 82mm (3″)
83mm - 94mm (3 ½ ″)
95mm - 107mm (4″)
108mm - 114mm (4 ¼″)
115mm - 119mm (4 ½″)
120mm - 132mm (5″)
142mm - 154mm (6″)

P-Type Pipe Clamps

Available in: Trivalent Zinc Plating, Stainless Steel 304

Available Sizes (D)
60mm (2 ⅜″)
75mm (3″)
80mm (3 ⅛″)
90mm (3 ⅓)
110mm (4 ⅜″)
120mm (4 ¾ ″)



Spring-Loaded T-Bolt Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 304 (W1 / W2 / W3/ W4)

Band Width: 19mm

Size (mm)	Size (inch)
57 - 65	2 ¼ - 2 9/16
60 - 68	2 ⅜ - 2 11/16
64 - 71	2 ½ - 2 13/16
67 - 75	2 ⅝ - 2 15/16
67 - 78	2 ¾ - 3 1/16
73 - 81	2 ⅞ - 3 3/16
76 - 84	3 - 3 5/16
78 - 86	3 1/16 - 3 3/8
79 - 87	3 ⅛ - 3 7/16
83 - 91	3 ¼ - 3 9/16
86 - 94	3 ⅜ - 3 11/16
89 - 97	3 ½ - 3 13/16
90 - 98	3 9/16 - 3 ⅞
92 - 100	3 ⅝ - 3 15/16
95 - 103	3 ¾ - 4 1/16
102 - 110	4 - 4 5/16
103 - 111	4 1/16 - 4 ⅜
105 - 113	4 ⅛ - 4 7/16
108 -116	4 ¼ - 4 9/16
114 - 122	4 ½ - 4 13/16
116 - 124	4 9/16 - 4 ⅞
121 - 129	4 ¾ - 5 1/16
127 - 135	5 - 5 5/16

Lined Hose Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 201 or 304 (W1 / W2 / W3 / W4)
Band Width: 12.7mm

Size (mm)	Size (inch)
11 - 20	7/16 - 25/32
13 - 23	½ - 29/32
14 - 27	9/16 - 1 1/16
17 - 32	11/16 - 1 ¼
21 - 38	13/16 - 1 ½
21 - 44	13/16 - 1 ¾
27 - 51	1 1/16 - 2
33 - 57	1 5/16 - 2 ¼
40 - 64	1 9/16 - 2 ½
46 - 70	1 13/16 - 2 ¾
52 - 76	2 1/16 - 3
59 - 83	2 5/16 - 3 ¼
65 - 89	2 9/16 - 3 ½
71 - 95	2 13/16 - 3 ¾
78 - 102	3 1/16 - 4
84 - 108	3 5/16 - 4 ¼
91 - 114	3 9/16 - 4 ½
48 - 127	1 ? - 5
64 - 140	2 ½ - 5 ½
79 - 152	3 ? - 6
92 - 165	3 ? - 6 ½
105 - 178	4 ? - 7

Spring Steel Wire Hose Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 201 or 304

Diameter (mm)	Width (mm)	Thickness (mm)
4	6	0.4
5	6	0.6
6	6	0.6
7	6	0.6
8	8	0.8
9	8	0.8
9.5	8	0.8
10	8	0.8
10.5	8	0.8
11	8	0.8
11.5	8	0.8
12.5	8	0.8
13	10	1
13.5	10	1
14	10	1
14.5	10	1
15	10	1
16	12	1
17	12	1
18	12	1
19	12	1
20	12	1
21	12	1
23	12	1.2
24	12	1.2
25	12	1.2
26	12	1.2
27	15	1.5
28	15	1.5
29	15	1.5
30	15	1.5
33	15	1.8
35	15	1.8
36	15	1.8
39	15	1.8
42	15	1.8
44	15	1.8
45	15	1.8
47	15	2
52	15	2
60	15	2.5

P-Clips (in accordance with DIN3016)

Available in: Zinc Plating, Stainless Steel 304 (1.4301)

Applications : Machines, White Goods, Irrigation Systems, Chemical Industry, Ship Manufacturing, Pumps

Advantages : Easy Installation, Reinforced Band Ends for extremely high mechanical loads

MATERIAL REPORT	
Material characteristics:	**EPDM Profile**
Colour	**Black**
Shore hardness A	**64-65**
Tensile strength	**Minimum 8 N/mm**
Temperature	**-40°C up to 120°C**
Breaking resistance	**64-65 Kg/cm**
Elongation at break (%)	**315-335**
Resistance against weather	**Very good**
Resistance against ozone	**Very good**
Resistance against oil/grease	**Good**
Resistance against petrol	**Good**
Resistance against acid	**Good**

Diam.	Band Width mm	Hole mm
5	12	5,3
6	12	5,3
7	12	5,3
8	12	5,3
9	12	5,3
10	12	5,3
11	12	5,3
12	12	5,3
13	12	5,3
14	12	5,3
15	12	5,3
16	12	5,3
17	12	5,3
18	12	5,3
19	12	5,3
20	12	5,3
21	12	5,3
22	12	5,3
23	12	5,3
24	12	5,3
25	12	5,3

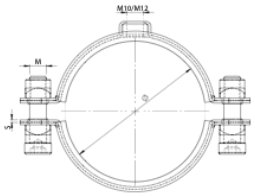
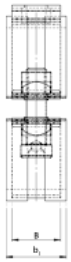
Diam.	Band Width mm	Hole mm
5	15	6,4
6	15	6,4
7	15	6,4
8	15	6,4
9	15	6,4
10	15	6,4
11	15	6,4
12	15	6,4
13	15	6,4
14	15	6,4
15	15	6,4
16	15	6,4
17	15	6,4
18	15	6,4
19	15	6,4
20	15	6,4
21	15	6,4
22	15	6,4
23	15	6,4
24	15	6,4
25	15	6,4
26	15	6,4
27	15	6,4
28	15	6,4
29	15	6,4
30	15	6,4
31	15	6,4
32	15	6,4
33	15	6,4
34	15	6,4
35	15	6,4
36	15	6,4
37	15	6,4
38	15	6,4
39	15	6,4
40	15	6,4

Diam.	Band Width mm	Hole mm
5	20	8,4
6	20	8,4
7	20	8,4
8	20	8,4
9	20	8,4
10	20	8,4
11	20	8,4
12	20	8,4
13	20	8,4
14	20	8,4
15	20	8,4
16	20	8,4
17	20	8,4
18	20	8,4
19	20	8,4
20	20	8,4
21	20	8,4
22	20	8,4
23	20	8,4
24	20	8,4
25	20	8,4
26	20	8,4
27	20	8,4
28	20	8,4
29	20	8,4
30	20	8,4
31	20	8,4
32	20	8,4
33	20	8,4
34	20	8,4
35	20	8,4
36	20	8,4
37	20	8,4
38	20	8,4
39	20	8,4
40	20	8,4
41	20	8,4
42	20	8,4
43	20	8,4
44	20	8,4
45	20	8,4
46	20	8,4
47	20	8,4
48	20	8,4
49	20	8,4
50	20	8,4

Diam.	Band Width mm	Hole mm
20	25	10,4
22	25	10,4
25	25	10,4
28	25	10,4
30	25	10,4
32	25	10,4
35	25	10,4
38	25	10,4
40	25	10,4
41	25	10,4
42	25	10,4
45	25	10,4
48	25	10,4
50	25	10,4
52	25	10,4
55	25	10,4
56	25	10,4
58	25	10,4
60	25	10,4
62	25	10,4
65	25	10,4
68	25	10,4
70	25	10,4
74	25	10,4
76	25	10,4
80	25	10,4
85	25	10,4
90	25	10,4
100	25	10,4
110	25	10,4
120	25	10,4
130	25	10,4
140	25	10,4
150	25	10,4

DIN4109 Split Clamp

Available in: Zinc Plating, Stainless Steel 304 (1.4301)

Available Sizes (mm)	Width / Thickness
14 - 18	25 x 2.0
19 - 23	25 x 2.0
24 - 28	30 x 2.5
29 - 33	30 x 2.5
33 - 37	30 x 2.5
40 - 45	30 x 2.5
47 - 52	30 x 2.5
53 - 58	30 x 2.5
60 - 65	30 x 2.5
67 - 72	30 x 3.0
73 - 78	30 x 3.0
79 - 85	30 x 3.0
88 - 93	30 x 3.0
100 - 106	30 x 3.0
108 - 115	30 x 3.0
124 - 129	40 x 4.0
131 - 137	40 x 4.0
138 - 144	40 x 4.0
148 - 154	40 x 4.0
156 - 162	40 x 4.0
165 - 171	40 x 4.0
177 - 183	40 x 4.0
188 - 194	40 x 4.0
196 - 203	40 x 4.0
205 - 214	40 x 4.0
219 - 225	40 x 4.0
244 - 250	40 x 4.0
267 - 273	40 x 4.0
278 - 284	40 x 4.0
299 - 305	40 x 4.0
307 - 318	40 x 4.0

Cotter Pin Hose Clamp 5mm and 9mm

Available in: Zinc Plating, Stainless Steel 304 (1.4301)
Suitable for less demanding applications such as attaching signs and sealing low-pressure hoses. Can be re-used.
Required tools: Steel pin, angled screwdriver or pliers, plate shears

Heat Shield Clamp

Available in: Trivalent Zinc Plating, Stainless Steel 304

Available Sizes (D)
76.2mm
88.9mm
101.6mm
114.3mm
127mm
184mm
206mm
250mm
265mm
284mm
300mm

Thumb Turn Screw Worm Drive Hose Clamp

Available in : Zinc Plating, Stainless Steel 202, Stainless Steel 304, Stainless Steel 316

Available Sizes (mm)	Width x Thickness
12-20	9/12x0.6
16 - 25	9/12x0.6
20 - 32	9/12x0.6
25 - 40	9/12x0.6
32 - 50	9/12x0.6
40 - 60	9/12x0.6
50 - 70	9/12x0.6
60 - 80	9/12x0.6
70 - 90	9/12x0.6
80 - 100	9/12x0.6
90 - 110	9/12x0.6
100 - 120	9/12x0.6
110 - 130	9/12x0.6
120 - 140	9/12x0.6
130 - 150	9/12x0.6
140 - 160	9/12x0.6
150 - 170	9/12x0.6
160 - 180	9/12x0.6
170 - 190	9/12x0.6
180 - 200	9/12x0.6
190 - 210	9/12x0.6
200 - 220	9/12x0.6
210 - 230	9/12x0.6

Single Ear Clip

Available in : W1 Zinc Plating, Stainless Steel 202, Stainless Steel 304, Stainless Steel 316

A vailable Sizes (mm)	Width x Thickness	A vailable Sizes (mm)	Width x Thickness
6.5	5x0.5	22.6	7x0.6
7.0	5x0.5	24.1	7x0.6
8.0	5x0.5	25	7x0.6
8.7	5x0.5	25.6	7x0.6
9.5	5x0.5	26	7x0.6
10.5	5x0.5	27.1	7x0.6
11.8	5x0.5	28.6	7x0.6
11.9	7x0.6	31.6	7x0.6
12.3	7x0.6	34.6	7x0.6
12.8	7x0.6	37.6	7x0.6
13.3	7x0.6	39.6	7x0.6
14.0	7x0.6	42.5	7x0.6
14.5	7x0.6	48.5	7x0.6
15.3	7x0.6	56	7x0.6
15.7	7x0.6	68	7x0.6
16.2	7x0.6	71	7x0.6
17.0	7x0.6	84	7x0.6
17.5	7x0.6	92.5	7x0.6
18.5	7x0.6		
19.2	7x0.6		
19.8	7x0.6		
21.0	7x0.6		

Quick Release Worm Drive Hose Clamp

Available in : Zinc Plating, Stainless Steel 202, Stainless Steel 304, Stainless Steel 316

A vailable Sizes (mm)	Width x Thickness
12-20	9/12x0.6
16 - 25	9/12x0.6
20 - 32	9/12x0.6
25 - 40	9/12x0.6
32 - 50	9/12x0.6
40 - 60	9/12x0.6
50 - 70	9/12x0.6
60 - 80	9/12x0.6
70 - 90	9/12x0.6
80 - 100	9/12x0.6
90 - 110	9/12x0.6
100 - 120	9/12x0.6
110 - 130	9/12x0.6
120 - 140	9/12x0.6
130 - 150	9/12x0.6
140 - 160	9/12x0.6
150 - 170	9/12x0.6
160 - 180	9/12x0.6
170 - 190	9/12x0.6
180 - 200	9/12x0.6
190 - 210	9/12x0.6
200 - 220	9/12x0.6
210 - 230	9/12x0.6

Spring Insert Worm Drive Hose Clamp

Available in : Zinc Plating, Stainless Steel 202, Stainless Steel 304, Stainless Steel 316

A vailable Sizes (mm)	Width x Thickness
12-20	9/12x0.6
16 - 25	9/12x0.6
20 - 32	9/12x0.6
25 - 40	9/12x0.6
32 - 50	9/12x0.6
40 - 60	9/12x0.6
50 - 70	9/12x0.6
60 - 80	9/12x0.6
70 - 90	9/12x0.6
80 - 100	9/12x0.6
90 - 110	9/12x0.6
100 - 120	9/12x0.6
110 - 130	9/12x0.6
120 - 140	9/12x0.6
130 - 150	9/12x0.6
140 - 160	9/12x0.6
150 - 170	9/12x0.6
160 - 180	9/12x0.6
170 - 190	9/12x0.6
180 - 200	9/12x0.6
190 - 210	9/12x0.6
200 - 220	9/12x0.6
210 - 230	9/12x0.6

PSA Exhaust Clamps (Peugeot / Citroen / Renault Applications)

Available in : Trivalent Zinc Plating (Mild Steel)

The PSA clamp has been designed to ensure tight connections between biconical-ended pipes and flared spigots on exhaust and engine outlet systems.

The V-shaped band provides great axial strength while maintaining the clamp's pivot effect. The PSA clamp is very resistant to corrosion, high temperatures, vibration and shock.

Available Sizes
49mm
54mm
59mm
62mm
67mm
70mm
73mm
77mm
80mm
90mm

Mercedes Exhaust Clamps

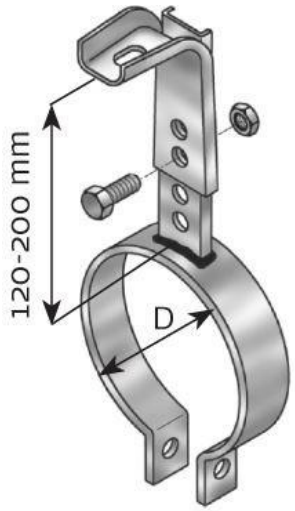
Available in: Trivalent Zinc Plating, Stainless Steel 304

Available Sizes
75mm
91mm
107mm

Adjustable Exhaust Clamp

Available In : Zinc Plating, Stainless Steel 304

Available Sizes (D)
60.0mm (2 3/8”)
76.2mm (3”)
88.9mm (3 ½ “)
101.6mm (4”)
108mm (4 ¼”)
114.3mm (4 ½”)
127mm (5”)
155mm (6”)
184mm (7”)
206mm (8”)
249mm (10”)
260mm (10 ¼”)
284mm (11”)
300m (11 ¾”)
320mm (12”)



Silencer Straps

Available in: Zinc Plating, Stainless Steel 304

Available Sizes (D)
155mm (6”)
178mm (7”)
184mm (7 ¼”)
206mm (8”)
228mm (9”)
254mm (10”)
284mm (11”)
300mm (12”)
380mm (15”)

D-TYPE Exhaust Clamps (Mercedes / Iveco Applications)

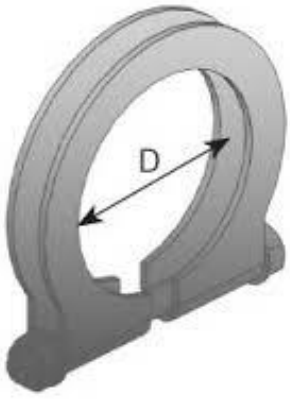
Available in : Zinc Plating (Mild Steel)

Clamping Range (D)
42mm
46mm
49mm
59.5mm - 62.5mm (2 3/8”)
63mm - 66mm (2 ½”)
65mm - 68mm (2 ½”)
67mm - 70mm (2 ¾”)
74mm - 77mm (3”)
76mm - 79mm (3”)
80mm - 83mm (3 ?”)
87.5mm - 90.5mm (3 ½”)
92mm - 96mm (3 ¾”)
97mm - 100mm (4”)
104mm - 107mm (4”)

C-TYPE Exhaust Clamps (Mercedes / Iveco Applications)

Available in: Trivalent Zinc Plating, Stainless Steel 304

Clamping Range (D)
38mm
45mm
48mm
54mm
65mm
102mm - 105mm (4”)
106mm - 110mm (4 3/8”)
114mm - 118m (4 ½”)
118mm - 122mm (4 ¾”)
128mm - 132mm (5”)
131mm - 135 (5 ¼”)
146mm - 151mm (5 ¾”)



Citroen Exhaust Clamp

Available In : Zinc Plating, Stainless Steel 304

Available Sizes (D)
35mm
47mm
49mm
53mm
58mm
66mm
69mm

Renault ExhaustClamp

Available in: Zinc Plating, Stainless Steel 304

Available Sizes (D)
47mm
49mm
53mm
58mm
62mm
66mm
69mm
72mm
79-80mm

DAF U-Bolt Clamp

Available In : Zinc Plating, Stainless Steel 304

Diameter (D)	U-Bolt Height	Thread Length
72mm	120mm	40mm
84mm	130mm	40mm
92mm	140mm	40mm
96mm	145mm	40mm
98mm	150mm	40mm
105mm	195mm	40mm
109mm	160mm	40mm
120mm	170mm	40mm
130mm	185mm	60mm
142mm	195mm	40mm
155mm	205mm	40mm
165mm	220mm	55mm

M10 Ford Exhaust Clamp

Available in: Zinc Plating

Pre-Assembled with DIN980 Self-Locking Copper Nuts or DIN934 Nuts and DIN125 Washers

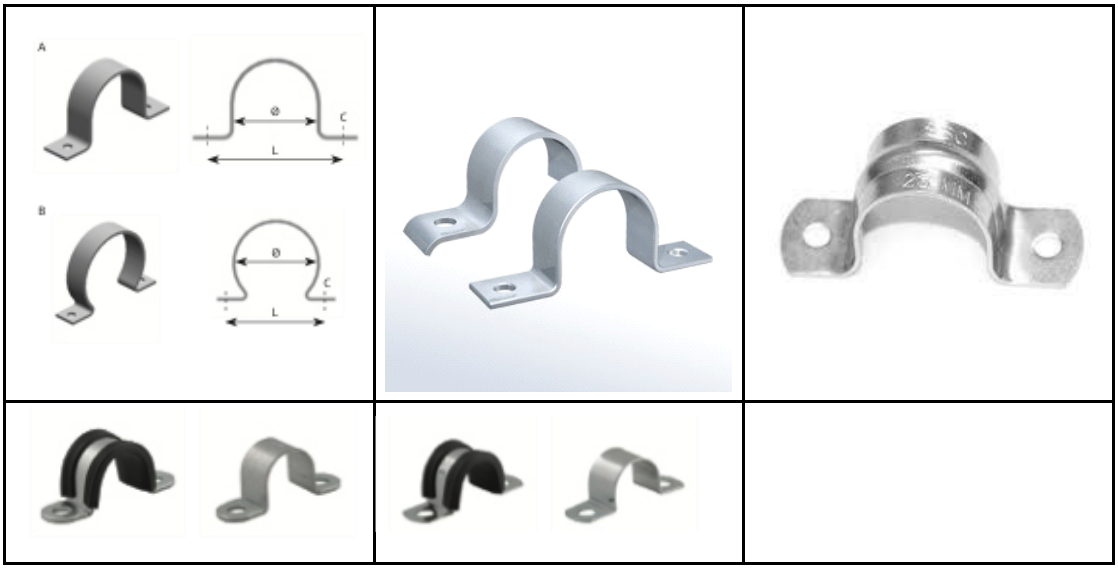
Available Sizes (mm)		
32mm	48mm	60mm
35mm	49mm	61mm
36mm	50mm	62mm
38mm	51mm	63mm
40mm	52mm	64mm
41mm	53mm	66mm
42mm	54mm	67mm
43mm	55mm	69mm
44mm	56mm	
45mm	57mm	
46mm	58mm	

Heavy-Duty Hose Clamp (Double Band)

Available in : Zinc Plating, Chrome-Plating, Stainless Steel 304, Stainless Steel 316, Stainless Steel 409
Bolt : M6 Allen Socket Cap Screw (8.8 or 12.9 grade)
Strap Width : 20mm
Maximum Torque 30 in.-lbs.
With two layers of steel bands, this clamp offers greats strength and forms a leak free vacuum.
improves safety by minimizing parts that protrude after installation.
Excellent product performance and attractive appearance,
Features solid trunnions, bridge, and strong band.
Perfect for tight, hard-to-access spaces
Custom sizes are available on request.
Available optionally in a single-band as a low-cost economic alternative.
Available optionally as an extra heavy-duty clamp with 25mm width double-band and M8 Allen Socket Bolt.
Extra heavy-duty clamp is available only for sizes 90mm and above.

Ø D	Thickness
35mm	1.5mm
40mm	1.5mm
46mm	1.5mm
50mm	1.5mm
55mm	1.5mm
60mm	1.5mm
65mm	1.5mm
70mm	1.5mm
72mm	1.5mm
75mm	1.5mm
80mm	1.5mm
82mm	1.5mm
85mm	1.5mm
90mm	1.5mm
95mm	1.5mm
100mm	1.5mm
107mm	1.5mm
110mm	1.5mm
115mm	1.5mm
120mm	1.5mm
130mm	1.5mm
135mm	1.5mm
140mm	1.5mm
146mm	1.5mm

Saddle Fastening Clamp / Pipe Bracket (DIN 1592/1593/1596/1597).



Diameter (mm)	Diameter (inch)	C (mm)	C (inch)	L (mm)	Design
50mm	2	11	1/2	85	A
60mm	2 3/8"	11	1/2	90	A
70mm	2 3/4"	11	1/2	100	A
75mm	3	11	1/2	105	A
80mm	3 1/8"	11	1/2	122	A
90mm	3 1/2"	11	1/2	115	B
100mm	3 7/8"	11	1/2	120	B
110mm	4 3/8"	11	1/2	150	A
115mm	4 1/2"	11	1/2	155	A
120mm	4 3/4"	11	1/2	160	B

Custom Designed Clamps and Product Development

As the leading solution provider in its sector, the Invicta's aim is to always stay a step ahead in innovation and the development of new products. Invicta's strengths as a solution provider are considerable.

To start with, the unrivaled breadth of its product range - itself the result of continual striving to develop new solutions for its customers' needs - puts the Group in a class of its own. Offering a vast range of metal clamps and couplings, Invicta can often propose different solutions for a single application. New product develop- ment benefits from extensive lifetime-testing and validation facilities that allow Invicta to carry out virtually all necessary tests in-house, analyzing any solution and application particularly effectively.

TOYOTA EXHAUST CLAMP

SPRINKLER CLAMP

Size	25-300 mm
Material	MS
Type of Clamp	U Clamp
Surface Treatment	Electroplating
Thickness	1.5mm - 3 mm

Size	25-150 mm
Material	MS, Rubber
Type of Clamp	U Clamp
Class	Medium Duty
Usage/Application	Pipe Fitting
Finish	Electrical Galvanized

Usage/Application	Pipe Fitting
Type	Lt Clamp
Material	Stainless Steel
Color	Silver
Thickness	3-5 mm
Surface Treatment	Powder Coated
Width	1-2 Inch

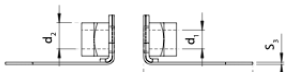
NO HUB COUPLING

DIAMETER		
MM	INCH	Installation Torque 60 in.lb (6.8Nm)
DN40	1.5"	
DN50	2"	
DN75	3"	
DN100	4"	
DN125	5"	
DN150	6"	
DN200	8"	
DN250	10"	
DN300	12"	

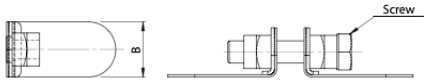
U-CLIP

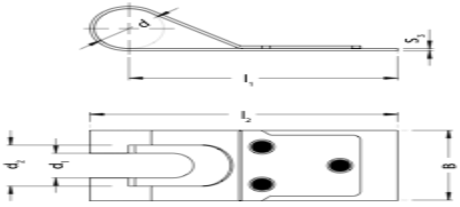
Available In: Zinc Plating

Ø D
6x15mm
8x20mm
8x25mm
10x32mm
10x40mm
10x50mm
12x65mm
16x80mm
16x100mm
16x125mm
20x150mm
20x200mm
20x250mm
24x300mm
24x350mm
24x400mm

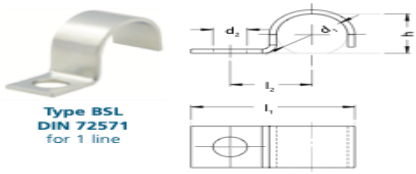


Materials				
W1	W2	W3	W4	W5
x	-	-	x	x

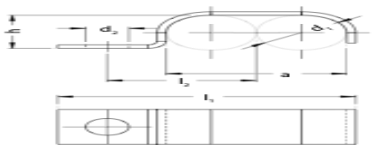




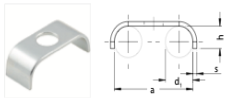
LIGHT FASTENING CLAMPS



Type BSL
DIN 72571
for 1 line



Type BSL
DIN 72571
for 2 lines



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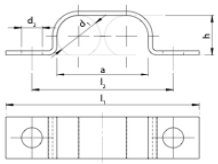
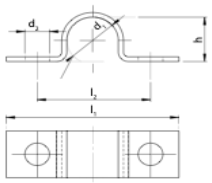
DIN 72572
for 2 lines



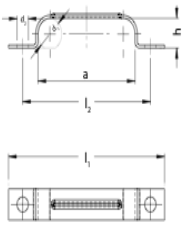
Type BSL
DIN 72573
for 2 lines

Type BSL
DIN 72573
for 1 line



Type BSL
DIN 72573
for 1 line

Type BSL DIN 72573
for up to 12 lines



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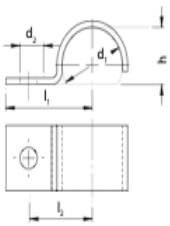
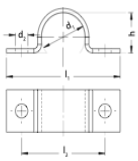
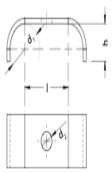
1-tab



Type BSN
2-tab



Type BSN
for 2 lines



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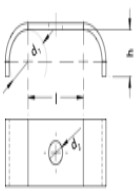
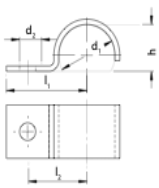
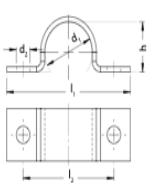
for 2 lines



Type BSS
1-tab



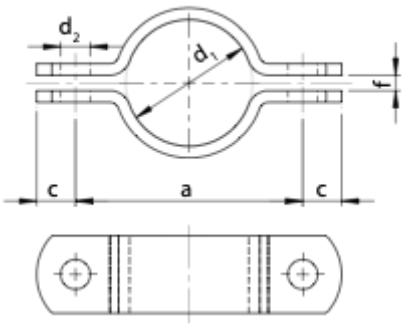
Type BSS
2-tab



INVICTA®

DIN3567 CLAMP

Available In : Zinc Plating (W1), Stainless Steel 304 (W4)
This two-piece clamp is suited to high static loads in general plant construction, distributing heavy loads across wide distances.



Heavy pipe clamp conforming to DIN 3567, Form A									
Ø d_1	To be used for nominal diameter		a	c	Ø d_2	f	Steel mm	Accessory: Hexagon screw	Weight kg* 100 pairs
1) 20	15		57	15	11,5	7	30 x 5	M 10 x 30 Mu	19
1) 22			59						20
25	20		62						21
27		¾"	66						22
30	25		68						23
34		1"	72						24
38	32		76						26
43		1¼"	82						27
45	40		84						28
49		1½"	88						30
57	50	2"	104	18	14	9	40 x 6	M 12 x 35 Mu	54
61			108						55
77	65	2½"	122						60
89	80	3"	136						70
108	100	4"	172	24	18	11	50 x 8	M 16 x 45 Mu	140
115			178						145
133	125		196						168
140			204						180
159	150		222						200
169			232						205
194	175		258						240
216	200		280						255
220			284						260
267	250		342	30	23	14	60 x 8	M 20 x 50 Mu	360
273			348						390
318	300		392						435
324			398						445
368	350		444						520
407	400		498	36	27	18	70 x 10	M 24 x 60 Mu	840
419			510						860
521	500		614						1020

DOUBLE BOLT DIN CLAMP

Available in: Zinc Plating, Chrome-Plating, and Stainless Steel 304
Bolt: M8 or M10 or M12 DIN603 Carriage Bolt (Depending on Diameter)
Pre-Assembled with Bolt, Nut, and Washer
Applications: Agricultural Machines, Building Machines, Engine Manufacturing This clamp can also function as a fixing clip.

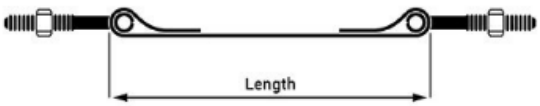
Available Sizes (mm)		
Size in Ø	Width	Thickness
30.2 MM	20 MM	2 MM
32.2 MM	20 MM	2 MM
35.2 MM	20 MM	2 MM
37.2 MM	20 MM	2 MM
40.3 MM	25 MM	3 MM
42.3 MM	25 MM	3 MM
45.5 MM	25 MM	3 MM
48.5 MM	25 MM	3 MM
50.5 MM	25 MM	3 MM
53.5 MM	25 MM	3 MM
55.5 MM	25 MM	3 MM
58.5 MM	25 MM	3 MM
60.5 MM	25 MM	3 MM
63.5 MM	25 MM	3 MM
65.5 MM	25 MM	3 MM
68.5 MM	25 MM	3 MM
70.5 MM	30 MM	4 MM
73.5 MM	30 MM	4 MM
75.5 MM	30 MM	4 MM
78.5 MM	30 MM	4 MM
80.5 MM	30 MM	4 MM
83.5 MM	30 MM	4 MM
85.5 MM	30 MM	4 MM
90.5 MM	30 MM	4 MM
94.5 MM	30 MM	4 MM
100.5 MM	30 MM	4 MM
102.5 MM	30 MM	4 MM
104.5 MM	30 MM	4 MM
108.5 MM	30 MM	4 MM
110.5 MM	30 MM	4 MM
114.5 MM	30 MM	4 MM
120.5 MM	30 MM	4 MM
124.5 MM	30 MM	4 MM
127.5 MM	30 MM	4 MM
130.5 MM	30 MM	4 MM
134.5 MM	30 MM	4 MM
152.5 MM	30 MM	4 MM
168.5 MM	30 MM	4 MM
220.5 MM	30 MM	4 MM
250.5 MM	30 MM	4 MM
255.5 MM	30 MM	4 MM
273.5 MM	30 MM	4 MM
275.5 MM	30 MM	4 MM
300.5 MM	30 MM	4 MM

STRAPS & STRAP ASSEMBLIES

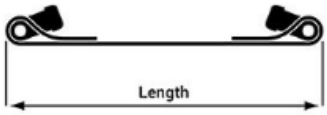
Invicta India heavy-duty stainless steel strap assemblies are frequently specified for industrial, commercial, aerospace and defense applications. Straps are commonly used to secure custom shapes to mounting surfaces. Lengths range from 2.25 in. up to the customer's desired length. For certain applications, strap assemblies may be joined together to arrive at the required length. Customers specify latch styles, material gauge, band width and hardware. Custom anti-vibration liners can also be affixed to the strap surface, if desired. Invicta India can perform straps to closely match your application, and reduce assembly time during installation.

Invicta Straps

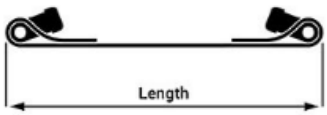
DOUBLE T-BOLT



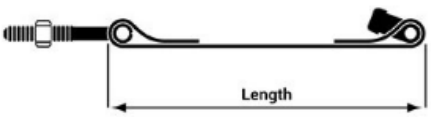
DOUBLE TRUNNION



T-BOLT AND TRUNNION

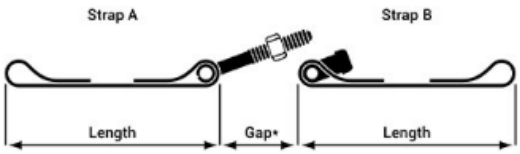


QUICK RELEASE AND T-BOLT

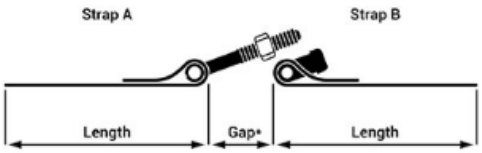


Invicta Strap Assemblies

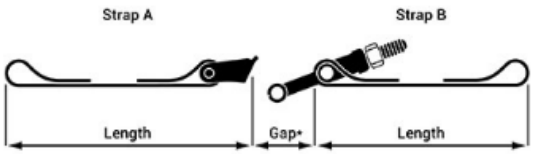
T-BOLT/TRUNNION LATCH WITH EMPTY LOOPS



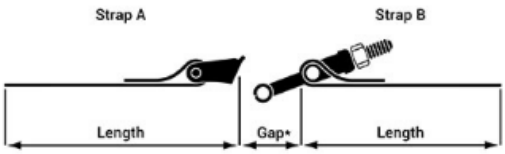
T-BOLT/TRUNNION LATCH WITH FLAT ENDS



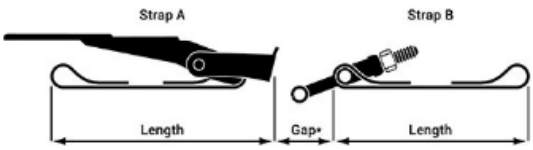
QUICK RELEASE/T-BOLT LATCH WITH EMPTY LOOPS



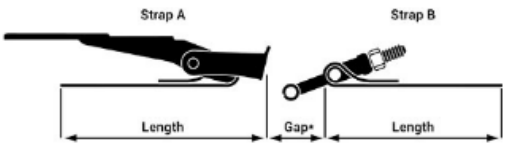
QUICK RELEASE/T-BOLT LATCH WITH FLAT ENDS



OVER CENTER/T-BOLT LATCH WITH EMPTY LOOPS

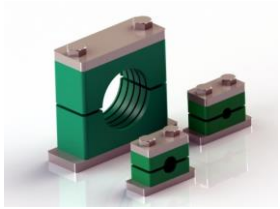


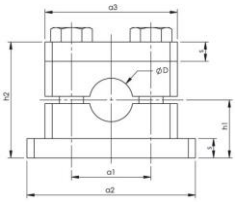
OVER CENTER/T-BOLT LATCH WITH FLAT ENDS

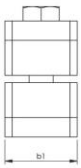


DIN3015 CLAMP

LIGHT DUTY CLAMP

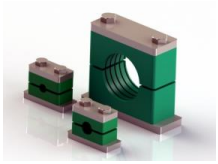


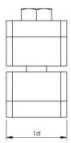


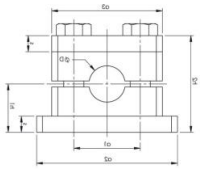


Group	Tube O.D	Model No.	a2	a3	a1	s	h2	Bolt Size
A	4.0	LPC4M	43	37	20	3	33	M6 x 30
	6.0	LPC6M						
	6.4	LPC6.4M						
	8.0	LPC8M						
	9.5	LPC9.5M						
	10.0	LPC10M						
	12.0	LPC12M						
B	12.7	LPC12.7M	48	42	26	3	39	M6 x 35
	13.5	LPC13.5M						
	14.0	LPC14M						
	15.0	LPC15M						
	16.0	LPC16M						
	17.2	LPC17.2M						
	18.0	LPC18M						
C	19.0	LPC19M	56	50	33	3	42	M6 x 40
	20.0	LPC20M						
	21.3	LPC21.3M						
	22.0	LPC22M						
	25.0	LPC25M						
D	26.9	LPC26.9M	65	59	40	3	48	M6 x 45
	28.0	LPC28M						
	30.0	LPC30M						
E	32.0	LPC32M	77	71	52	3	64	M6 x 60
	33.7	LPC33.7M						
	35.0	LPC35M						
	38.0	LPC38M						
	40.0	LPC40M						
	42.0	LPC42M						
F	44.5	LPC44.5M	92	86	66	3	72	M6 x 70
	48.3	LPC48.3M						
	50.8	LPC50.8M						
G	57.2	LPC57.2M	122	118	94	5	103	M6 x 100
	60.3	LPC60.3M						
	63.5	LPC63.5M						
	70.0	LPC70M						
	73.0	LPC73M						
	76.1	LPC76.1M						

HEAVY DUTY CLAMP





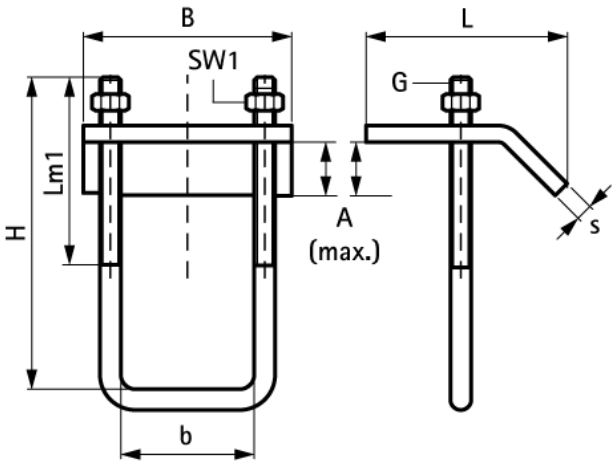


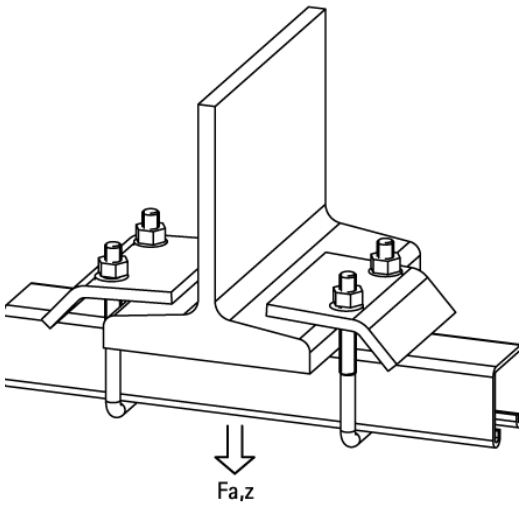
Group	Tube O.D	Model No.	a3	a1	h2	b1	a2	s	Bolt Size
A	6.0	HPC6M	55	33	48	30	70	8	M10 x 45
	6.4	HPC6.4M							
	8.0	HPC8M							
	9.5	HPC9.5M							
	10.0	HPC10M							
	12.0	HPC12M							
	12.7	HPC12.7M							
	13.5	HPC13.5M							
	14.0	HPC14M							
	15.0	HPC15M							
	16.0	HPC16M							
	17.2	HPC17.2M							
	18.0	HPC18M							
B	19.0	HPC19M	70	45	64	30	85	8	M10 x 60
	20.0	HPC20M							
	21.3	HPC21.3M							
	22.0	HPC22M							
	25.0	HPC25M							
	26.9	HPC26.9M							
	28.0	HPC28M							
	30.0	HPC30M							
C	30.0	HPC30MC	85	60	76	30	100	8	M10 x 70
	33.7	HPC33.7M							
	35.0	HPC35M							
	38.0	HPC38M							
	42.0	HPC42M							
D	42.0	HPC42MD	115	90	107	45	140	10	M12 x 100
	48.3	HPC48.3M							
	50.8	HPC50.8M							
	60.3	HPC60.3M							
	63.5	HPC63.5M							
	65.0	HPC65M							
E	70.0	HPC70M	152	122	140	60	180	10	M16 x 130
	73.0	HPC73M							
	76.1	HPC76.1M							
	88.9	HPC88.9M							
F	102.0	HPC102M	206	168	197	80	226	15	M20 x 190
	114.0	HPC114M							
	127.0	HPC127M							
	133.0	HPC133M							
G	141.0	HPC141M	251	205	230	91	270	15	M24 x 225
	152.0	HPC152M							
	168.0	HPC168M							
H	168.0	HPC168MH	320	265	320	120	340	25	M24 x 225
	193.7	HPC193.7M							

BIS STRUT STAINLESS STEEL BEAM CLAMP

Features & Benefits

- for a solid fixing under flanges without welding or drilling
- always use 2 beam clamps per fixing
- material: stainless steel 1.4401/1.4404 (A4) - EN 10088, AISI 316/316L

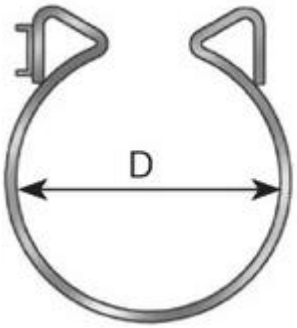




A (mm)	G	L	B (mm)	H (mm)	s (mm)	Lm1 (mm)	SW1 (mm)	For Rail	Fa,z (N)
17.5	M10	69 mm	80	90	6	60	17	Strut 41x21 + 41x41	5,700
20	M10	69 mm	80	130	6	75	17	Strut 41x41D	5,700

SCANIA CLAMP

Size
114,0-119,0
119,0-124,0



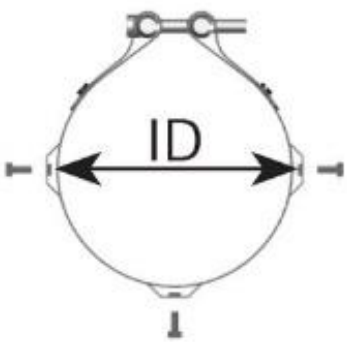
TWIST CLAMP

Size
76,2
88,9
101,6
114,3

Size
127,0
184,0
206,0
250,0

Size
265,0
284,0
300,0
300,0

VIP SILENCER EXHAUST CLAMP



RECTANGULAR DOUBLE T-BOLT CLAMP

OBLONG SPRING LOADED DOUBLE T-BOLT CLAMP

CRIMP RING

MATERIAL	DIAMETER RANGE	DIMENSIONS
250 Stainless Steel, material no. 1.4307/UNS S30403	15.0 – 120.5 mm	10.0 x 0.8 mm
		10.0 x 1.0 mm
		10.0 x 1.2 mm

MATERIAL	DIAMETER RANGE
150 Stainless Steel, material no. 1.4307/UNS S30403	5.0 – 50.0 mm

MATERIAL	DIAMETER RANGE
150 Aluminum, Material EN AW-5754	24.5 – 120.0 mm

Coupling

Type CHA Coupling

/ Technical Data–Type CHA Coupling

Specifiecation	Pcs/carton	Packing Size(cm)	Weigh(kg)
2″	100	41*31*24	12
3″	100	56*41*26	15
4″	100	70*51*27	19
5″	50	49*33*53	15
6″	50	57*37*53	17
8″	20	45*45*32	30

Type B Coupling

Technical Data–Type B Coupling

Specifiecation	Pcs/carton	Packing Size(cm)	Weigh(kg)
2″	100	41*31*24	12
3″	100	56*41*26	15
4″	100	70*51*27	19
5″	50	49*33*53	15
6″	50	57*37*53	17
8″	20	45*45*32	30

Type C Coupling

/ Technical Data–Type C Coupling

Specifiecation	Pcs/carton	Packing Size(cm)	Weigh(kg)
2″	100	41*31*24	12
3″	100	56*41*26	15
4″	100	70*51*27	19
5″	50	49*33*53	15
6″	50	57*37*53	17
8″	20	45*45*32	30

Type F Coupling

Technical Data–Type F Coupling

Specifiecation	Pcs/carton	Packing Size(cm)	Weigh(kg)
2″	100	37*29*32	23
3″	100	48*39*32	26
4″	100	70*49*31	33
5″	50	61*44*42	29
6″	50	71*49*42	31
8″	30	70*47*55	30
10″	10	55*28*54	22
12″	10	64*33*74	27
15″	10	80*40*74	37

SPIRAL BOLT HOSE CLAMP

Technical Data – Spiral Bolt Hose Clamp

Size		Band Thickness (mm)	Bolt Diameter (mm)
Inch	mm		
1	33	1	6
1.2	40	1	6
1.5	48	1	6
2	62	1	6
2.2	70	1	6
2.5	78	1.2	8
3	93	1.2	8
3.5	105	1.2	8
4	116	1.2	8
4.5	130	1.2	8
5	143	1.2	8
5.5	155	1.2	8
6	167	1.5	10
6.5	187	1.5	10
8	220	1.5	10
8.5	245	1.5	10
10	280	1.5	10
10.5	300	1.5	10
12	330	1.5	10

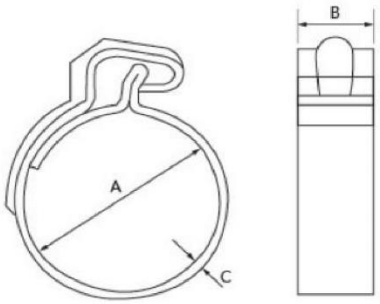
THROBBING CLAMP

/ Technical Data–Throbbing Clamp

Throbbing Clamps 不锈钢扎带					
Part No.	Dimension (mm)	Dimension (inch)	Band Width	Band Width	Band Width
THC32	32	1 1/4″	6.3	15	/
THC35	35	1 3/8″	6.3	15	/
THC38	38	1 1/2″	6.3	15	/
THC44	44	1 3/4″	6.3	15	/
THC51	51	2″	6.3	15	19
THC57	57	2 1/4″	6.3	15	19
THC64	64	2 1/2″	/	15	19
THC70	70	2 3/4″	/	15	19
THC76	76	3″	/	15	19
THC89	89	3 1/2″	/	15	19
THC102	102	4″	/	15	19
THC114	114	4 1/2″	/	15	19
THC127	127	5″	/	15	19
THC152	152	6″	/	15	19
THC178	178	7″	/	15	19
THC203	203	8″	/	15	19

More size and material can be supplied according to customers' requirements. Above data just for reference.

CLIC



CLIC / Technical Data–CLIC

Part No.	Diameter (Inch)	Diameter (mm)	Band Width (mm)	Band Thickness (mm)
8	0.33-0.37	8.38-9.40	5.8	0.5
8.5	0.35-0.41	8.89-10.41		
9	0.37-0.43	9.40-10.92		
9.5	0.39-0.45	9.91-11.43		
10	0.41-0.47	10.41-11.94		
10.5	0.43-0.49	10.92-12.45		
11	0.45-0.51	11.43-12.95		
11.5	0.47-0.53	11.94-13.46		
12	0.49-0.55	12.45-13.97		
12.5	0.51-0.55	12.95-13.97		
13	0.53-0.59	13.46-14.99		
13.5	0.55-0.60	13.97-15.24		
14	0.57-0.62	14.48-15.75	7.8	
14.5	0.59-0.64	14.99-16.26		
15	0.60-0.66	15.24-16.76		
15.5	0.62-0.68	15.75-17.27		
16	0.64-0.70	16.26-17.78		
16.5	0.66-0.72	16.76-18.29		
17	0.68-0.74	17.27-18.80		
17.5	0.70-0.76	17.78-19.30		
18	0.72-0.76	18.29-19.30		
18.5	0.74-0.80	18.80-20.32		
19	0.76-0.82	19.30-20.83		
19.5	0.78-0.84	19.81-21.34		
20	0.80-0.86	20.32-21.84		
20.5	0.82-0.90	20.83-22.86		
21	0.84-0.92	21.34-23.37		
21.5	0.86-0.94	21.84-23.88		
22	0.88-0.96	22.35-24.38		
23	0.92-0.99	23.37-25.15		
23.5	0.94-1.01	23.88-25.65		

More size and material can be supplied according to customers' requirements. Above data just for reference.

EAR. LOW PROFILE. 2-EAR. MINI. SPRING. CLIC CLAMP

Technical Data–Low Profile Clamp

Part No.	Normal Situation Dimension (mm)	Working Situation Dimension (mm)
64.4-706R	64.4	60
64.9-706R	64.9	60.5
65.4-706R	65.4	61
65.9-706R	65.9	61.5
66.4-706R	66.4	62
…	…	…
…	…	…
112.4-706R	112.4	108
112.9-706R	112.9	108.5
113.4-706R	113.4	109
113.9-706R	113.9	109.5
114.4-706R	114.4	110

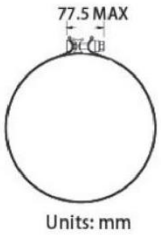
Part No.	Normal Situation Dimension (mm)	Working Situation Dimension (mm)
22.0-906R	22	19.5
22.5-906R	22.5	20
23.0-906R	23	20.5
23.5-906R	23.5	21
24.0-906R	24	21.5
…	…	…
…	…	…
110.5-906R	110.5	108
111.0-906R	111	108.5
111.5-906R	111.5	109
112.0-906R	112	109.5
112.5-906R	112.5	110

Note: band 7mm, thickness 6mm---706R Demention range from 66.9mm to 111.9mm, clamps can be supplied per 0.5mm.
band 9mm, thickness 6mm--- 906R Demention range from 24.5mm to 110mm, clamps can be supplied per 0.5mm.

Clamp

Wide DPF Coupler

- Large Diameter Diesel Particulate Filter (DPF) clamp creates a reliable joint seal between separate sections of DPF.
  For Butt Joint Style Connections Tall Hardware for Socket Clearance Low Profile for Tight Packaging Space Diameter Ranges 10 9/16" –13 9/16"



Nominal Joint Diameter (Pipe O.D.)	
Inch	mm
10 9/16	267.6
11 13/16	300.75
13 9/16	345.2

Citroen / Peugeot / Mini Clamps

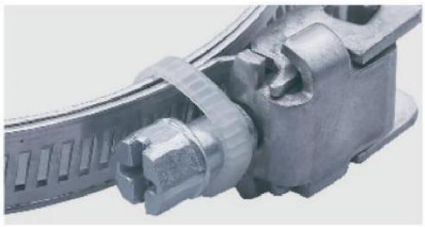
Available Sizes
59 mm
62 mm
67 mm
70 mm
80 mm
83 mm
92 mm
94 mm

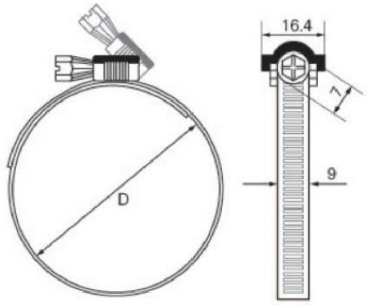
Hose Clamp Set

Hose Clamp Set

Part No.	BEB09
Band Width	Band of 9mm
Thickness	0.6mm
Band Length	30m
Worm Head	as per buyer' s option
Material	SS430
MOQ	100rolls

Quick Release Hose Clamp





Technical Data–Quick Release Hose Clamp

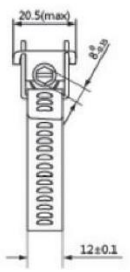
Item No.					
LTYSSF9.0					
Size (mm)	Band Width(mm)	Size (mm)	Band Width(mm)	Size (mm)	Band Width(mm)
25-100	9	25-250	9	25-500	9
25-125	9	25-275	9	25-550	9
25-150	9	25-300	9	25-600	9
25-175	9	25-350	9	25-650	9
25-200	9	25-400	9	25-700	9
25-225	9	25-450	9	25-750	9

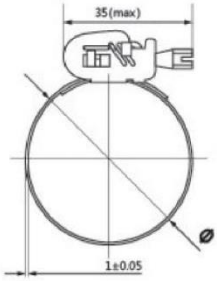
Material	Band	Housing	Screw	Suggested Install Torque
W1	Zinc Plated Steel	Zinc Plated Steel	Zinc Plated Steel	2.6 Nm
W2	AISI SS430	Zinc Plated Steel	AISI SS430	

British Type Hose Clamp With Handle

More size and material can be supplied according to customers' requirements. Above data just for reference.

Quick Release Hose Clamp



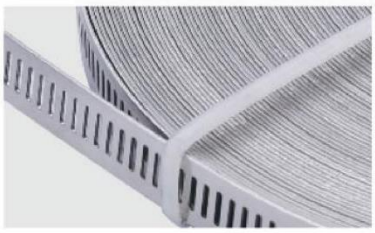


Technical Data – Quick Release Hose Clamp

型号	Item No.	
SAE No.	LTSF 12.7 (Band width 12.7mm)	
	inch	mm
12	1/2-1 1/4	13-32
20	3/4-1 3/4	19-44
24	1-2	26-51
28	1-2 1/4	26-57
36	1-2 3/4	26-70
48	1 1/2-3 1/2	38-89
56	1-4	26-101
72	2-5	51-127
88	2-6	51-152
104	2-7	51-178
116	1 3/4-7 3/4	45-197
128	4 1/4-8 1/2	108-216
136	1 3/4-9	45-228
152	2-10	51-254
188	2-12 1/4	51-311

Hose Clamp Set

Bandwidth 12.7mm; all 200/300 stainless steel; 8.0mm hex–head screw
Band width 8mm; Material: all 200/300 stainless steel; 6.0mm hex–head screw, Galvanized Carbon steel.



Technical Data – Hose Clamp Set

Part No.	Band Width	Thickness	length	Material	MOQ
AEB08	Band of 8mm	0.6mm	30m	SS201,SS304,SS316	100rolls
AEB13	Band of 12.7mm	0.6mm	30m	SS201,SS304,SS316	100rolls
AEH08	Housing for 8mm			W2&W4/SS201,SS304	1000pcs.
AEH13	Housing for 12.7mm			W2&W4/SS201,SS304	1000pcs.

More size and material can be supplied according to customers' requirements. Above data just for reference.

Contact us:

Invicta India Pvt. Ltd. / Rex Consolidated

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MANUFACTURING & WAREHOUSE:

UNIT - 1
80, DLF INDUSTRIAL AREA FARIDABAD **HARYANA -121003**
UNIT - 2
F-30/2 OK2HLA INDUSTRIAL AREA PHASE-II **DELHI – 110020**
UNIT - 3
A-123 SHED OKHLA INDUSTRIAL AREA PHASE-II **DELHI – 110020**

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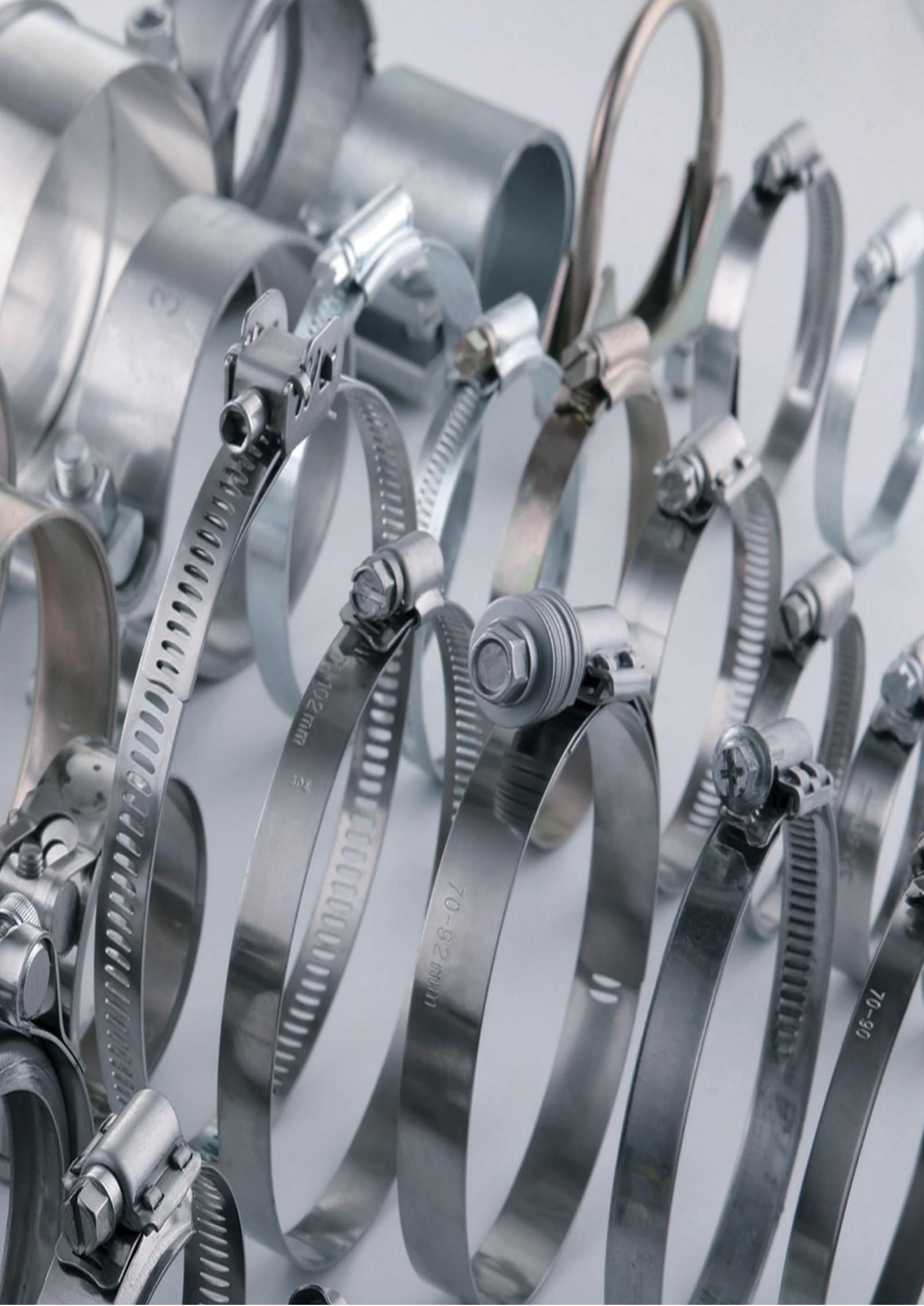
70-92mm
304
70-92mm
70-90

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