



DISCLAIMER

All drawings & illustrations are the property right of INVICTA and cannot be copied, duplicated or reprinted in any form without the prior written consent from INVICTA

The content and intellectual property of this catalogue is the property of Invicta India Pvt. Ltd.

Invicta Clamps: Catlogue_EN -

All Right Reserved



INTRODUCTION

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 fore front 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 upto 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 processes, 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.

SUPERIOR ENGINEERING

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 optimal technical designs are created. Subsequently, prototypes are comprehensively tested at our laboratory.



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 combined focus on quality. with internationally certified facilities and processes, ensures that our customers always receive superior quality products. Approximately 95% of our products are manufactured fully on automated machinery, thereby ensuring a low error rate and consistent quality. At INVICTA, we follow a stringent quality system, from and development design through 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





TECHNOLOGY

Invicta Clamps stand for reliability. They excel through constant and even clamping force around a hose or pipe and are subjected to our regular, stringent quality controls. The smooth contact surfaces and rounded band edges of our clamps protect hoses and pipes during installation. The Invicta Clamps engineering department and programmed CNC toolmaking guarantee precision and rapid processing of custom clamp production and prototyping based on the requirements of our customers. Modern manufacturing methods and processes thus ensure the ever-reliable quality of our products. Though they may 'only' be hose or pipe clamps, the individual characteristics of each single product are of vital importance. We develop, design and test them with maximum attention to detail and we manufacture them reliably, to the highest precision standards.

APPLICATION RANGE

Invicta india profile clamps are quick-release connecting elements for all flange and cover joints. They also present an economical alternative to conventional bolted flange joints. Are therefore the ideal clamps for containers as used in water treatment, filter construction, inlet and exhaust systems as well as for connecting suction and hydraulic lines or supply line systems in climatic, coolant or lubricant applications. Invicta india offers the best solution for any application.

QUALITY ASSURANCE

Invicta Clamps has been manufacturing clamps for over 40 years and is India's longest established manufacturer and market leader in this "niche" market. Quality is the cornerstone of our philosophy and has been the main contributor to our success and longevity. Although often a small and relatively inexpensive part of the overall equipment their reliability and functionality are of paramount importance. All materials used by Invicta are certified and manufacturing quality is closely monitored throughout, using a combination of in process and final inspection testing. Invicta operates a stringent quality system, from the initial design conception right through the manufacturing process to final packing and indeed despatch.

COMPUTER AIDED DESIGN AND PRODUCTION CONTROL

Our design team has over 40 years experience in design and manufacturing techniques. The latest 3D design software and database techniques are used to ensure the optimum effective and efficient designs are generated. Where required F.E.A. Techniques can be applied to optimise clamp design and prototypes can be fully tested at our laboratory. All design and manufacturing details are entered into our integrated business system and customer requirements are added to our bespoke MRP system which generates material and manufacturing demand.

CERTIFICATIONS

Certified to ISO9001:2015 & ISO14001: as well as holding several second part approvals from an impressive world class customer base.

ADVANCED LEAKAGE TESTING TECHNOLOGY

At Invicta Clamps, we are committed to delivering the highest quality products to our customers. To ensure that our clamps meet the stringent standards for performance and reliability, we are proud to introduce our latest innovation – an advanced Leakage Testing Machine. This custom-developed, cutting-edge technology allows us to meticulously measure the leakage from our clamps with unrivaled precision.



QUALITY

Unwavering Quality at Invicta Clamps

At Invicta Clamps, we are dedicated to upholding the highest standards of quality in the manufacturing of our clamps. With a history of excellence spanning 45 years, our commitment to quality is the cornerstone of our legacy.

Precision Engineering

Our clamps are the result of meticulous and precise engineering. Every component, regardless of its size, undergoes stringent quality control to ensure a perfect fit and lasting performance, even in the most demanding applications.

Durability and Reliability:

Invicta Clamps are synonymous with durability and reliability. Designed to withstand the challenges of a wide range of industries, our clamps consistently deliver dependable performance.

Exceeding Expectations:

Our promise is to exceed industry standards and customer expectations. We go the extra mile to ensure that our products are renowned for their quality and reliability. Invicta Clamps is your assurance of exceptional clamping solutions that you can rely on.

Experience the Invicta difference, where quality is not merely a standard; it's our unwavering commitment to your satisfaction. Join us in our pursuit of providing the highest quality clamps to industries worldwide.

INNOVATION

New Product Development

At Invicta Clamps, innovation is at the core of our identity. Our commitment to pushing boundaries in new product development sets us apart. We consistently explore cutting-edge designs and functionalities to meet the evolving needs of industries worldwide. Our engineers embrace creativity, ensuring that every product launch represents a leap forward in clamping solutions.

Revolutionary Manufacturing Methods

Embracing the future of manufacturing, Invicta Clamps employs state-of-the-art techniques. Our revolutionary methods prioritize efficiency, precision, and sustainability. From advanced CNC machining to smart automation, we ensure that each clamp is crafted with the highest quality, meeting stringent industry standards while minimizing environmental impact.

Providing Tailored Solutions

Innovation, for us, goes beyond products; it's about providing tailored solutions. Understanding the unique challenges our clients face, we collaborate closely to develop customized clamping solutions. Whether it's adapting to specific industry requirements or creating bespoke designs, our innovative approach ensures that our clients receive not just clamps but comprehensive solutions to enhance their operations.

Sustainable Practices

At Invicta, innovation extends to our commitment to sustainable practices. We recognize the responsibility to minimize our ecological footprint. From eco-friendly materials to energy-efficient manufacturing processes, we continually explore ways to contribute positively to the environment. Our dedication to sustainable innovation aligns with our vision of a future where excellence meets environmental responsibility.



MANUFACTURING

Precision Manufacturing Excellence

At Invicta Clamps, we take pride in our commitment to precision manufacturing excellence. With decades of experience in the industry, we have established ourselves as a leading provider of high-quality clamps for various applications across industries.

Setting the Standard for Quality

- Our manufacturing process is characterized by meticulous attention to detail, innovative technology, and a
 relentless pursuit of quality. From the sourcing of premium raw materials to the final assembly of our
 clamps.
- **Raw Material Sourcing**: We select only the highest quality materials for our clamps, ensuring durability, reliability, and performance.
 - State-of-the-Art Equipment: Our manufacturing facility is equipped with cutting-edge machinery and technology to optimize efficiency and precision.
- **Quality Control**: Rigorous quality control measures are implemented at every stage of the manufacturing process to maintain the highest standards of quality and consistency.

Sustainable Practices

Your Assurance of Excellence

Invicta Clamps is proud to hold industry certifications and adhere to stringent standards, demonstrating our unwavering commitment to excellence and customer satisfaction.

- **ISO Certification**: Our adherence to ISO standards underscores our dedication to quality management practices and continuous improvement.
- **Industry Compliance**: We meet or exceed industry standards and regulations to ensure the safety, reliability, and performance of our clamps.
- Customization and Flexibility: Tailored Solutions for Your Needs We understand that every project is
 unique, which is why we offer customizable solutions to meet your specific requirements. Whether you
 need custom sizes, configurations, or materials, our experienced team will work closely with you to deliver
 tailored solutions that exceed your expectations.

Pioneering the Future of Manufacturing

At Invicta Clamps, we are committed to innovation, sustainability, and environmental responsibility. We invest in research and development efforts to drive innovation and stay at the forefront of manufacturing technology. Additionally, we are dedicated to reducing our environmental footprint and promoting ecofriendly manufacturing practices.

The Proof is in Our Performance

Don't just take our word for it—see what our satisfied customers have to say about their experience with Invicta Clamps. Explore our customer success stories to learn how we have helped businesses like yours achieve their goals with our high-quality clamps and exceptional service.



UniversalUBoltPipeClamps/UniversalExhaustClamps(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	





"" 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"



W" 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.

Custom Sizes Available on Request

Also available in 11 GA Steel





Guillotine Style Muffler Clamp

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

U Bolt: 3/8" UNC Round or 3/8" 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 71555Clamp

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 ½ in.	5 in.		
2 ¼ in.	3 ¼ in.	6 in.		
2 3/8 in.	3 ½ in.			
2 ½ in.	4 in.			
2 5/8 in.	4 3/8 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.

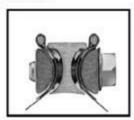
The reaction block provides a full 360-degree equal distribution of stretching forces and a complete seal.

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



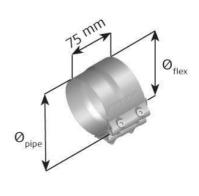
Flexible Fit Clamp Buttfit

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





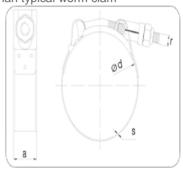
INVICTA T-Bolt Hose Clamp

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 clam

		no ou origin, a	-
			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







W Material			
Symbol Tape/Band Bolt			
W2	AISI 430 Stainless Steel	20 MnB4 Zn Plated	
W3	AISI 304 Stainless Steel	20 MnB4 Zn Plated	



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.	





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	





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	





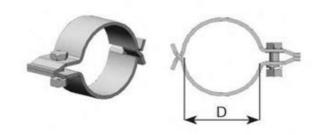
Hinge Clamp

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	





WormDriveHoseClamp(inaccordancewithDIN3017-1)

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



W Malzeme - W Material		
Symbol Vida - Bolt Bant - Tape		
W1	20 MnB4 Zn Plated	1.0347 Zn Plated





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

A lightweight, streamlined hose clamp generally used in small-diameter applications, such as air and fuel lines.

5/16" Band with Arcial Perforations | Three-Piece Construction | SAE Standard J1508 Type M | Diameter Range 7/32" – 2 1/2"

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

Band Width: 8mm

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



3500 MINI 1/4" Plated Hex Screw 5/16" Band in 300 Series SS One-Piece Housing in 300-Series SS 3600 MINI 1/4" 410 Stainless Steel Hex Screw 5/16" Band in 300-Series SS One-Piece Housing in 300-Series SS 3700 MINI 1/4" 300-Series SS Hex Screw 5/16" Band in 300-Series SS One-Piece Housing in 300-Series SS

1/4" 316 Stainless Steel Hox Screw 5/16" Band in 316 Stainless Steel One-Piece Housing in 316 Stainless Steel



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 1/4
60 - 63	2.375
64 - 67	2 ½
66 - 69	2 5/8
71 - 74	2 3/4
78 - 81	3
81 - 84	3 1/8
86 - 89	3 1/3
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 3/4
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 1/4
60 - 63	2.375
64 - 67	2 ½
66 - 69	2 5/8
71 - 74	2 3/4
78 - 81	3
81 - 84	3 1/8
86 - 89	3 1/3
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 3/4
128 - 132	5
153 - 158	6





Double WireClamp

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 CLAMPBUTTFIT

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 1/4
60.3	2 ?
63.5	2 1/2
69.9	2 3/4
76.2	3
88.9	3 1/2
101.6	4
108	4 1/2
114.3	4 1/2
127	5
140	5 1/2
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 1/4
60.3	2?
63.5	2 1/2
69.9	2 3/4
76.2	3
88.9	3 1/2
101.6	4
108	4 1/2
114.3	4 1/2
127	5
140	5 1/2
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 ³ / ₈ ")		
65mm - 75mm (2 9/16")		
70mm - 81.5mm (2 ¾")		





CIRCLE CLAMP

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

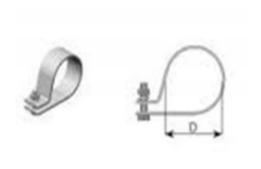
Available Sizes		
76mm - 82mm (3")		
83mm - 94mm (3 ½ ")		
95mm - 107mm (4")		
108mm - 114mm (4 1/4")		
115mm - 119mm (4 ½")		
120mm - 132mm (5")		
142mm - 154mm (6")		



P-Type Pipe Clamps

Available in: Trivalent Zinc Plating, Stainless Steel 304

Available Sizes (D)
60mm (2 3/8")
75mm (3")
80mm (3 1/8")
90mm (3 ½")
110mm (4 3/8")
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 1/4 - 2 9/16
60 - 68	2 3/8 - 2 11/16
64 - 71	2 ½ - 2 13/16
67 - 75	2 % - 2 15/16
67 - 78	2 3/4 - 3 1/16
73 - 81	2 1/8 - 3 3/16
76 - 84	3 - 3 5/16
78 - 86	3 1/16 - 3 3/8
79 - 87	3 1/8 - 3 7/16
83 - 91	3 1/4 - 3 9/16
86 - 94	3 3/8 - 3 11/16
89 - 97	3 ½ - 3 13/16
90 - 98	3 9/16 - 3 1/8
92 - 100	3 % - 3 15/16
95 - 103	3 3/4 - 4 1/16
102 - 110	4 - 4 5/16
103 - 111	4 1/16 - 4 3/8
105 - 113	4 1/8 - 4 7/16
108 -116	4 1/4 - 4 9/16
114 - 122	4 1/2 - 4 13/16
116 - 124	4 9/16 - 4 1/8
121 - 129	4 3/4 - 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	1/2 - 29/32
14 - 27	9/16 - 1 1/16
17 - 32	11/16 - 1 1/4
21 - 38	13/16 - 1 1/2
21 - 44	13/16 - 1 3/4
27 - 51	1 1/16 - 2
33 - 57	1 5/16 - 2 1/4
40 - 64	1 9/16 - 2 1/2
46 - 70	1 13/16 - 2 3/4
52 - 76	2 1/16 - 3
59 - 83	2 5/16 - 3 1/4
65 - 89	2 9/16 - 3 1/2
71 - 95	2 13/16 - 3 3/4
78 - 102	3 1/16 - 4
84 - 108	3 5/16 - 4 1/4
91 - 114	3 9/16 - 4 1/2
48 - 127	1?-5
64 - 140	2 ½ - 5 ½
79 - 152	3 ? - 6
92 - 165	3 ? - 6 1/2
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)		
Diameter (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	Diam.	Band Width mm	Hole mm	Diam.	Band Width mm	Hole mm	Diam.	Band Width mm	Hole
5	12	5,3	5	15	6.4	5	20	8,4	20	25	10,4
6	12	5,3	6	15	6,4	6	20	8,4	22	25	10,4
7	12	5,3	7	15	6,4	7	20	8,4	25	25	10,4
8	12	5,3	- 8	15	6,4	- 8	20	8,4	28	25	10,4
9	12	5,3	9	15	6,4	9	20	8,4	30	25	10,
10	12	5,3	10	15	6,4	10	20	8,4	32	25	10,4
11	12	5,3	11	15	6,4	11	20	8,4	35	25	10,
12	12	5,3	12	15	6,4	12	20	8,4	38	25	10.
13	12	5.3	13	15	6,4	13	20	8.4	40	25	10.
14	12	5,3	14	15	6,4	14	20	8,4	41	25	10,
15	12	5,3	15	15	6,4	15	20	8,4	42	25	10,
16	12	5,3	16	15	6,4	16	20	8,4	45	25	10,
17	12	5,3	17	15	6,4	17	20	8,4	48	25	10,
18	12	5,3	18	15	6,4	18	20	8,4	50	25	10,
19	12	5.3	19	15	6,4	19	20	8.4	52	25	10,
20	12	5,3	20	15	6,4	20	20	8.4	55	25	10,
21	12	5.3	21	15	6,4	21	20	8.4	56	25	10.
22	12	5.3	22	15	6,4	22	20	8.4	58	25	10.
23	12	5.3	23	15	6,4	23	20	8.4	60	25	10,
24	12	5.3	24	15	6,4	24	20	8.4	62	25	10,4
25	12	5.3	25	15	6,4	25	20	8.4	65	25	10.
			26	15	6.4	26	20	8.4	68	25	10.
			27	15	6.4	27	20	8.4	70	25	10.
			28	15	6.4	28	20	8.4	74	25	10.
			29	15	6.4	29	20	8.4	76	25	10.
			30	15	6.4	30	20	8.4	80	25	10.
			31	15	6.4	31	20	8.4	85	25	10.
			32	15	6.4	32	20	8.4	90	25	10.
			33	15	6.4	33	20	8.4	100	25	10.
			34	15	6.4	34	20	8.4	110	25	10.
			35	15	6.4	35	20	8.4	120	25	10.
			36	15	6,4	36	20	8,4	130	25	10,
			37	15	6,4	37	20	8,4	140	25	10,
			38	15	6,4	38	20	8.4	150	25	10.
			39	15	6,4	39	20	8,4			
			40	15	6,4	40	20	8,4			
						41	20	8.4			
						42	20	8,4			
						43	20	8.4			
						44	20	8.4			



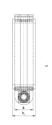
DIN4109 Split Clamp

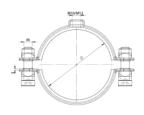
Available in: Zinc Plating, Stainless Steel 304 (1.4301)

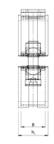












Available Sizes (mm)	Width / Thickness
14 - 18	25 x 2.0
19 - 23	25 x 2.0
24 - 28	30 x 2.5
29 - 33	30 x 2.5
33 - 37	30 x 2.5
40 - 45	30 x 2.5
47 - 52	30 x 2.5
53 - 58	30 x 2.5
60 - 65	30 x 2.5
67 - 72	30 x 3.0
73 - 78	30 x 3.0
79 - 85	30 x 3.0
88 - 93	30 x 3.0
100 - 106	30 x 3.0
108 - 115	30 x 3.0
124 - 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				









ThumbTurnScrewWormDriveHoseClamp

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		





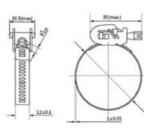


Quick Release Worm Drive Hose Clamp









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

Band Width	Thickness	length	Material	MOQ
Band of 8mm	0.6mm	30m	SS201,SS304,SS316	100rolls
Band of 12.7mm	0.6mm	30m	SS201,SS304,SS316	100rolls
Housing for 8mm			W2&W4/SS201,SS304	1000pcs.
Housing for 12.7mm			W2&W4/SS201,SS304	1000pcs.

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

A vailable Sizes (mm)	Width x Thickness
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

A vailable Sizes (mm)	Width x Thickness
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

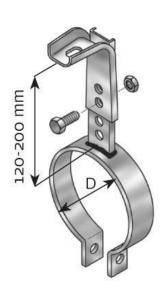




Adjustable Exhaust Clamp

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 1/4")
114.3mm (4 ½")
127mm (5")
155mm (6")
184mm (7")
206mm (8")
249mm (10")
260mm (10 1/4")
284mm (11")
300m (11 ³ / ₄ ")
320mm (12")



Silencer Straps

Available in: Zinc Plating, Stainless Steel 304

Available Sizes (D)
155mm (6")
178mm (7")
184mm (7 1/4")
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)

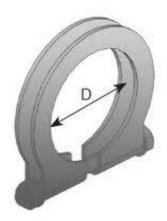
Clamping Range (D)
42mm
46mm
49mm
59.5mm - 62.5mm (2 3/8")
63mm - 66mm (2 ½")
65mm - 68mm (2 ½")
67mm - 70mm (2 ¾")
74mm - 77mm (3")
76mm - 79mm (3")
80mm - 83mm (3 ?")
87.5mm - 90.5mm (3 ½")
92mm - 96mm (3 ¾")
97mm - 100mm (4")
104mm - 107mm(4")



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 1/4")
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

Avai	able Size	s (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	
47mm	59mm	





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).



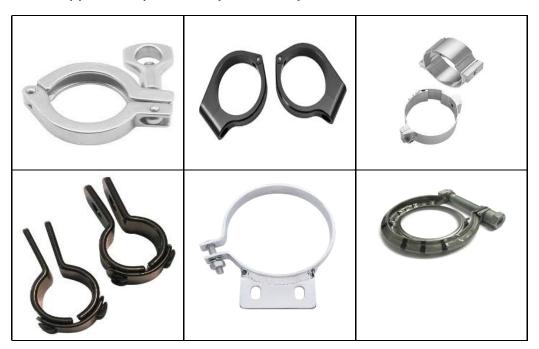
Diameter (mm)	Diameter (inch)	C (mm)	C (inch)	L (mm)	Design
50mm	2	11	1/2	85	Α
60mm	2 3/8"	11	1/2	90	Α
70mm	2 3/4"	11	1/2	100	Α
75mm	3	11	1/2	105	Α
80mm	3 1/8"	11	1/2	122	Α
90mm	3 1/2"	11	1/2	115	В
100mm	3 7/8"	11	1/2	120	В
110mm	4 3/8"	11	1/2	150	А
115mm	4 1/2"	11	1/2	155	Α
120mm	4 3/4"	11	1/2	160	В



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
Туре	Lt Clamp
Material	Stainless Steel
Color	Silver
Thickness	3-5 mm
Surface Treatment	Powder Coated
Width	1-2 Inch





NO HUB COUPLING

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





U-CLIP

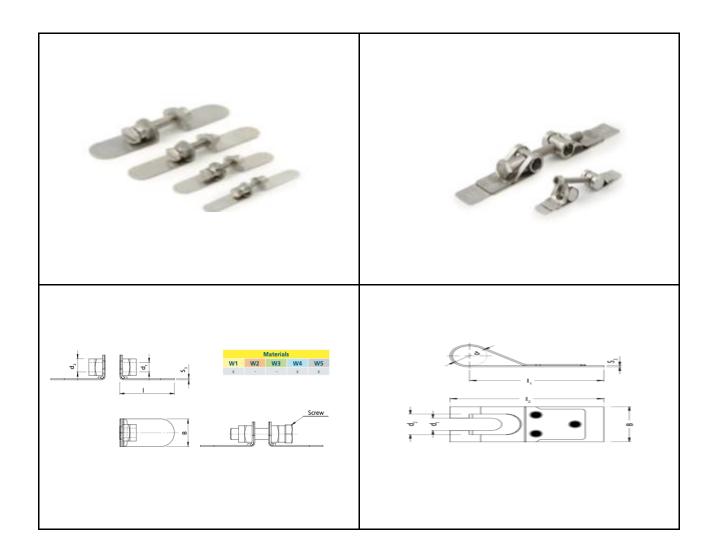
Available In: Zinc Plating

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



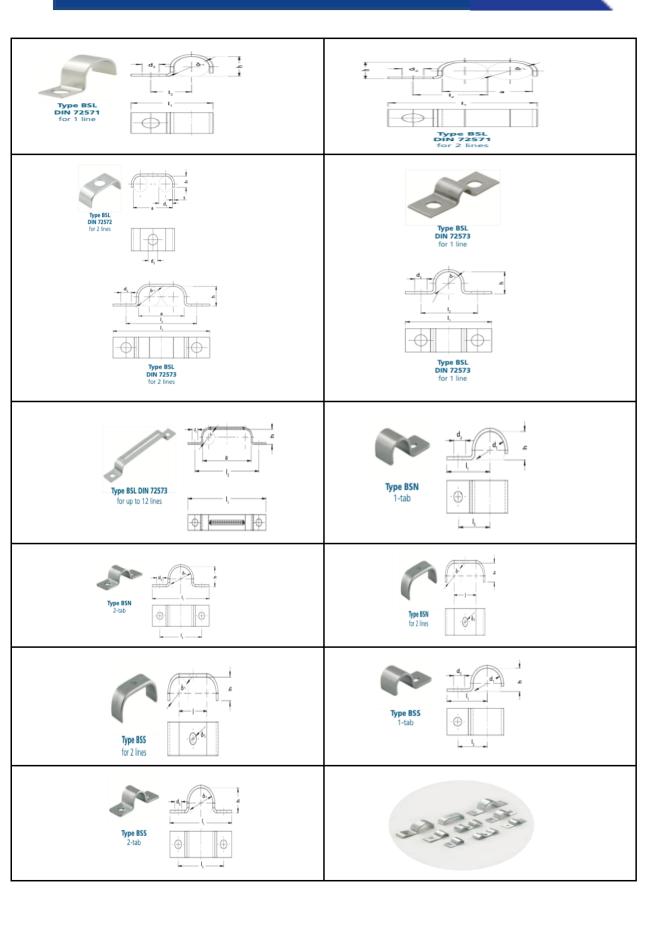


TURN BUCKLES





LIGHT FASTENING CLAMPS

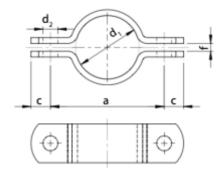




DIN3567 CLAMP

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,	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						19			
0.22			59						20			
25	20		62						21			
27		34"	66						22			
30	25		68						23			
34		1"	72	15	11,5	7	30 x 5	M 10 x 30 Mu	24			
38	32		76		, .				26			
43		134"	82						27			
45	40		84						28			
49		135"	88						30			
57	50	2*	104						54			
61			108						55			
77	65	21/2"	122	18	14	9	40 x 6	M 12 x 35 Mu	60			
89	80	3*	136						70			
108	100	4*	172						140			
115			178						145			
133	125		196						168			
140			204	24	24	24	24	18	11	50 x 8	M 16 x 45 Mu	180
159	150		222									200
169			232				10				205	
194	175		258									240
216	200		280						255			
220			284						260			
267	250		342						360			
273			348	20					390			
318	300		392	30	23	14	60 x 8	M 20 x 50 Mu	435			
324			398						445			
368	350		444						520			
407	400		498						840			
419			510	36	27	18	70 x 10	M 24 x 60 Mu	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



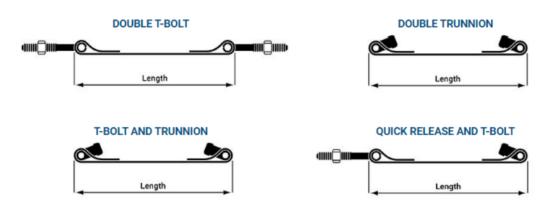




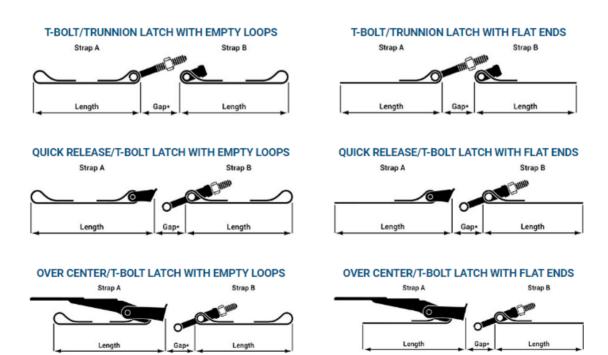
STRAPS & STRAP ASSEMBLIES

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.

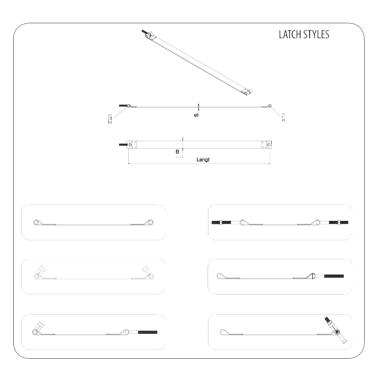
Invicta Straps



Invicta Strap Assemblies







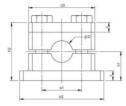
Band Thickness	Material	Во	lt	Bolt Material	
(mm)	inch.		Metric	Doit Material	
1 - 1,2 mm					
1 - 1,5 mm	1.0347	1/4 inc. M6 1/4 - 5/16 inc. 5/16 inc. 3/8 inc.			
1,2 - 1,5 mm	(Plated) AISI 430		M6 M8 M10	AISI 410 AISI 304 Steel 8.8 (Plated)	
1,2 - 1,5 - 2 mm	AISI 304				
1,2 - 1,5 - 2 mm	AISI 301 AISI 316		WITO	steer o.o (r latea)	
1,5 - 2 - 2,5 - 3 mm	7131310				



DIN3015 CLAMP

LIGHT DUTY CLAMP





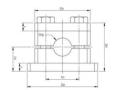


Group	Tube O.D	Model No.	a2	a3	a1	ş	h2	Bolt Size
	4.0	LPC4M						
	6.0	LPC6M						
	6.4	LPC6.4M						
A	8.0	LPC8M	43	37	20	3	33	M6 x 30
	9.5	LPC9.5M				147		
	10.0	LPC10M						
	12.0	LPC12M						
	12.7	LPC12.7M						
В	13.5	LPC13.5M						
	14.0	LPC14M						
	15.0	LPC15M	48	42	26	3	39	M6 x 35
	16.0	LPC16M						
	17.2	LPC17.2M						
	18.0	LPC18M						
	19.0	LPC19M		50 59			42	
С	20.0	LPC20M						
	21.3	LPC21.3M	56		33	3		M6 x 40
	22.0	LPC22M						
	25.0	LPC25M						
	26.9	LPC26.9M			40	3	48	M6 x 45
D	28.0	LPC28M	65					
	30.0	LPC30M						
	32.0	LPC32M						110 00
	33.7	LPC33.7M			50			
г	35.0	LPC35M	77	74				
E	38.0	LPC38M	77	71	52	3	64	M6 x 60
	40.0	LPC40M						
	42.0	LPC42M						
	44.5	LPC44.5M						
F	48.3	LPC48.3M	92	86	66	3	72	M6 x 70
	50.8	LPC50.8M		2000	3850	189		
	57.2	LPC57.2M						
	60.3	LPC60.3M						
0	63.5	LPC63.5M	400	440	0.1	_	400	140 400
G	70.0	LPC70M	122	118	94	5	103	M6 x 100
	73.0	LPC73M						
	76.1	LPC76.1M						

HEAVY DUTY CLAMP







Group	Tube O.D	Model No.	a3	a1	h2	b1	a2	S	Bolt Size
	6.0	HPC6M							
	6.4	HPC6.4M							
	8.0	HPC8M							
	9.5	HPC9.5M							
	10.0	HPC10M							
	12.0	HPC12M	NAME OF THE PARTY.	725.6	90.50	1.575	10000	1500	000000 110000
Α	12.7	HPC12.7M	55	33	48	30	70	8	M10 x 45
	13.5	HPC13.5M			100				
	14.0	HPC14M							
	15.0	HPC15M							
	16.0	HPC16M							
	17.2	HPC17.2M							
	18.0	HPC18M							
	19.0	HPC19M							
	20.0	HPC20M						8	M10 x 60
	21.3	HPC21.3M		45			85		
В	22.0	HPC22M	70		64	30			
D	25.0	HPC25M	70		04	30			
	26.9	HPC26.9M							
	28.0	HPC28M							
	30.0	HPC30M							
	30.0	HPC30MC	85	60	76				M10 x 70
	33.7	HPC33.7M				Um			
C	35.0	HPC35M				30	100	8	
	38.0	HPC38M	11/06/20					3/912	
	42.0	HPC42M							
	42.0	HPC42MD							
	48.3	HPC48.3M					45 140	10	M12 x 100
D	50.8	HPC50.8M	44.5	90	107	45			
U	60.3	HPC60.3M	115	90	107				
	63.5	HPC63.5M							
	65.0	HPC65M							
	70.0	HPC70M							
E	73.0	HPC73M	152	122	140	60	180	10	M16 x 130
-	76.1	HPC76.1M	132	122	140	00	100	10	WIO X 130
	88.9	HPC88.9M							
	102.0	HPC102M							
F	114.0	HPC114M	206	168	197	80	226	15	M20 x 190
I.	127.0	HPC127M	200	100	197	00	220	15	W20 x 190
	133.0	HPC133M							
	141.0	HPC141M							
G	152.0	HPC152M	251	205	230	91	270	15	M24 x 225
1100	168.0	HPC168M	(7/2)923	(00000)	15009100	88	450.00	14	11127 A 220
u	168.0	HPC168MH	200	005	900	(00	240	05	M04 005
Н	193.7	HPC193.7M	320	265	320	120	340	25	M24 x 225

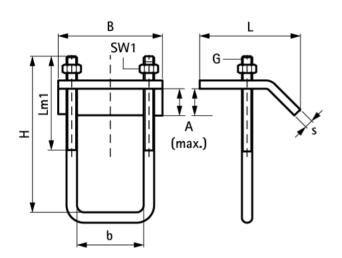


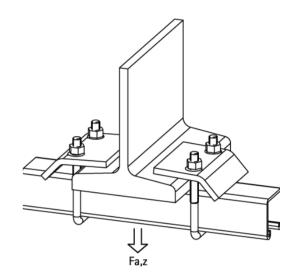
BIS STRUT STAINLESS STEEL BEAM CLAMP

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





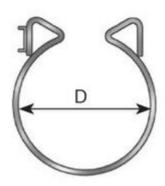


A (mm)	G	L	B (mm)	H (mm)	s (mm)	Lm1 (mm)	FOR RAII		Fa,z (N)
17.5	M10	69 mm	80	90	6	60	17	Strut 41x21 + 41x41	5,700
20	M10	69 mm	80	130	6	75	17	Strut 41x41D	5,700



SCANIA CLAMP

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





TWIST CLAMP

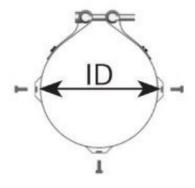
	Size
	76,2
I	88,9
I	101,6
I	114.3

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

s.NO.	MATERIAL	DIAMETER RANGE	DIMENSIONS		
	250 Stainless Steel,		10.0 x 0.8 mm		
1	material no. 1.4307/UNS	15.0 – 120.5 mm		10.0 x 1.0 mm	
	\$30403		10.0 x 1.2 mm		
2	150 Stainless Steel, m 1.4307/UNS S30		5.0 – 50.0 mm		
3	150 Aluminum, Material	EN AW-5754	24.5 – 120.0 mm	0	

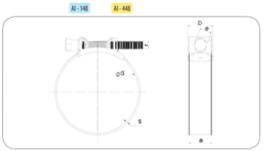


HEAVY DUTY HOSE CLAMP

	SIZE		EM CO	DE	r	e	a	b	s	Max.	Value
mm	INCH	W1	W2	W4	(mm)	(mm)	(mm)	(mm)	(mm)	torque /nm	pres- sure /bar
17*19	11/16 - 3/4	AI - 113	AI - 213	AI - 413							50
19*21	3/4 - 13/16	AI - 114	AI - 214	AI - 414							30
21*23	13/16 - 29/32	AI - 115	AI - 215	AI - 415	M6	8	10	19,8	0,8	7	48
23*25	29/32 - 1	AI - 116	AI - 216	AI - 416	IMO	0	18	19,8	0,8	_ ′	48
25*27	1 - 1 1/16	AI - 117	AI - 217	AI - 417							45
27*29	11/16-15/32	AI - 118	AI - 218	AI - 418							45
29*31	15/32 - 17/32	AI - 119	AI - 219	AI - 419							
31*34	17/32 - 15/16	AI - 120	AI - 220	AI - 420		10	20				46
34*37	15/16 - 17/16	AI - 121	AI - 221	AI - 421							
37*40	17/16 - 19/16	AI - 122	AI - 222	AI - 422				22	1	16	\Box
40*43	19/16 - 111/16	AI - 123	AI - 223	AI - 423							٠
43*47	111/16-17/8	AI - 124	AI - 224	AI - 424	M7						44
47*51	17/8 - 2	AI - 125	AI - 225	AI - 425							
51*55	2 - 25/32	AI - 126	AI - 226	AI - 426							
55*59	25/32-25/16	AI - 127	AI - 227	AI - 427							40
59*63	25/16-21/2	AI - 128	AI - 228	AI - 428							
63*68	2 1/2 - 2 11/16	AI - 129	AI - 229	AI - 429							30
68*73	211/16-27/8	AI - 130	AI - 230	AI - 430			25	27,5	1.2		
73*79	27/8-31/8	AI - 131	AI - 231	AI - 431							28
79*85	3 1/8 - 3 11/32	AI - 132	AI - 232	AI - 432							
85*91	3 11/32 - 3 9/16	AI - 133	AI - 233	AI - 433							
91*97	3 9/16 - 3 13/16	AI - 134	AI - 234	AI - 434	M8	13				25	20
97*104	3 13 /16 - 4 3/32	AI - 135	AI - 235	AI - 435							
104*112	43/32-43/8	AI - 136	AI - 236	AI - 436							
112*121	43/8-43/4	AI - 137	AI - 237	AI - 437							12
121*130	43/4-51/8	AI - 138	AI - 238	AI - 438							
130*140	5 1/8 - 5 1/2	AI - 139	AI - 239	AI - 439							
140*150	51/2-57/8	AI - 140	AI - 240	AI - 440							9
150*162	57/8-63/8	Al - 141	AI - 241	AI - 441							
162*174	63/8-67/8	AI - 142	AI - 242	AI - 442							
174*187	67/8-73/8	AI - 143	AI - 243	AI - 443	M10						6
187*200	7 3/8 - 7 7/8	AI - 144	AI - 244	AI - 444		15	28	31	1,5	50	
200*213	77/8-83/8	AI - 145	AI - 245	AI - 445							
213*226	83/8-87/8	AI - 146	AI - 246	AI - 446							
226*239	87/8-93/8	AI - 147	AI - 247	AI - 447							3
239*252	93/8-97/8	AI - 148	AI - 248	AI - 448							

	W Material										
Symbol	Tape/Band	Bolt									
W1	DIN 1624 Zn Plated	20 MnB4 Zn Plated 20 MnB4 Zn Plated AISI 304 Stainless Steel									
W2	AISI 430 Stainless Steel										
W4	AISI 304 Stainless Steel										





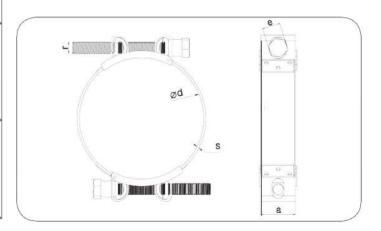


DOUBLE HEAVY DUTY HOSE CLAMPS

	SIZE		OEM CODE			e (mm)	a	b		Max. Value	
mm	INCH	W1	W2	W4	(mm)	(mm)	(mm)	(mm)	(mm)	torque /nm	pres- sure /bar
59*67	23/16-25/8	DAI-111	DAI-211	DAI-311							30
67*75	25/8-215/16	DAI-112	DAI-212	DAI-312	M7		20	22	1	16	30
75*83	2 15/16–3 1/4	DAI-113	DAI-213	DAI-313	WI	10	20	22	'		28
83*91	3 1/4–3 9/16	DAI-114	DAI-214	DAI-314							20
88*100	33/8-4	DAI-115	DAI-215	DAI-315							20
100*116	4-49/16	DAI-116	DAI-216	DAI-316							12
116*136	49/16-53/8	DAI-117	DAI-217	DAI-317	M8	13	25	27,5	1,2	25	12
136*156	5 3/8-6 5/32	DAI-118	DAI-218	DAI-318							9
156*180	65/32-73/32	DAI-119	DAI-219	DAI-319							,
125*145	4 15/16–5 11/16	DAI-120	DAI-220	DAI-320							
145*168	5 11/16-6 5/8	DAI-121	DAI-221	DAI-321							9
168*193	65/8-719/32	DAI-122	DAI-222	DAI-322							
193*220	7 19/32–8 21/32	DAI-123	DAI-223	DAI-323							
220*245	8 21/32–9 21/32	DAI-124	DAI-224	DAI-324	M10	15	28	31	1,5	50	6
245*270	9 21/32-10 3/5	DAI-125	DAI-225	DAI-325							
270*295	10 3/5-11 10/16	DAI-126	DAI-226	DAI-326							
295*320	11 10/16–12 3/5	DAI-127	DAI-227	DAI-327							3
320*345	123/5-137/12	DAI-128	DAI-228	DAI-328							

	W Material			
Symbol	Tape/Band	Bolt		
W1	DIN 1624 Zn Plated	20 MnB4 Zn Plated		
W2	W2 AISI 430 Stainless Steel 20 MnB4 Zn Pl			
W4	AISI 304 Stainless Steel	AISI 304 Stainless Steel		

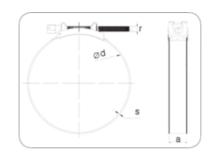






NARROW TYPE HEAVY DUTY HOSE CLAMP

	SIZE	OEM CODE	r (mm)	a (mm)	s (mm
-	mm	W2			
-	16*19	AI - 494			
	18*21	AI - 495			
	20*23	Al - 496			
	22*25	AI - 497			0.6
	24*27	AI - 498			
-	26*30	AI - 499			
	29*33	AI - 500			
	32*36	AI - 501			
-	35*40	AI - 502			
-	38*43	AI - 503			
-	41*48	AI - 504			
-	44*51	AI - 505			
-	48*56	AI - 506			
-	51*59	AI - 507			
-	54*62	AI - 508			
-	57*65	AI - 509			
-	60*68	AI - 510			
-	63*72	AI - 511			
-	67*75	AI - 512			
-	70*78	AI - 513			
ŀ	73*81	AI - 514			
-	76*84	AI - 515	M5	14	0,8
-	78*86	AI - 516	(8.8)		0,0
ŀ	79*87	AI - 517	(0.0)		
ŀ	82*91	AI - 518			
ŀ	86*94 89*97	AI - 519			
ŀ	90*98	AI - 520			
ŀ	92*100	AI - 521 AI - 522			
ŀ	95*103	AI - 523			
ŀ	101*110	AI - 524			
ŀ	103*111	AI - 525			
ŀ	105*113	AI - 526			
ŀ	108*116	AI - 527			
ŀ	114*122	AI - 528			
ŀ	116*124	AI - 529			
ŀ	121*129	AI - 530			
ŀ	127*135	AI - 531			
ŀ	133*141	AI - 532			
ŀ	140*148	AI - 533			
ŀ	146*154	AI - 534			
ı	152*160	AI - 535			
ŀ	159*167	AI - 536			
ŀ	165*173	AI - 537			
ŀ	171*180	AI - 538			
ŀ	178*186	AI - 539			
ľ	184*192	AI - 540			
ľ	190*198	AI - 541			
ľ	197*205	AI - 542			
ľ	203*211	AI - 543			
ľ	210*218	AI - 544			
ľ	216*224	AI - 545			
-					



W Material				
Symbol	Tape/Band	Bolt		
W2	AISI 430 Stainless Steel	20 MnB4 Zn Plated		



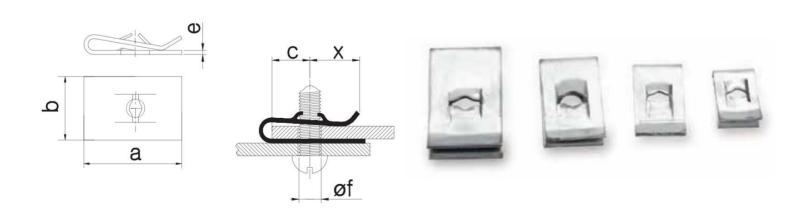




BATTERY TERMINAL



CLIP





COUPLINGS SINGLO/DOUBLO CASSETTE PIPED PATCH

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 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

Type CHA Coupling



Type C Coupling



/ Technical Data-Type C Coupling

1 = 1			
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



SPIRAL BOLT HOSE CLAMP



Technical Data-Spiral Bolt Hose Clamp

	ize	Band Thickness	Bolt Diameter	
Inch	mm	(mm)	(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

Permanent Band Clamps

Invicta Throbbing Clamp are ideal for medium- to heavy-duty industrial hose and strapping applications. Invicta Secure-Strap, available in rolled and self-dispensing totes, and Invicta Secure-Seal, available in preformed J-Series or Center-Punch versions, are offered in 201 stainless steel or high-strength galvanized steel. Invicta also offers a wide variety of manual tools along with innovative power-tool solutions to make installation quick and easy.

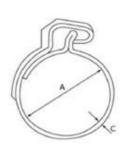


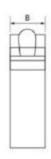


/ Technical Data-Throbbing Clamp Throbbing Clamps 不锈钢扎带 Dimension Dimension Band Width Band Width Band Width (inch) (mm) 1 1/4" 32 6.3 15 1 3/8" 35 6.3 15 1 1/2 15 38 6.3 1 1 3/4" 15 6.3 44 2" 51 6.3 15 19 57 2 1/4 6.3 15 19 2 1/2 15 19 64 2 3/4" 70 15 19 76 3" 15 19 3 1/2 15 89 19 102 4" 15 19 114 4 1/2 15 19 127 5 15 19 152 6" 15 19 15 178 19 8" 203 15 19



CLIC











CLIC / Technical Data-CLIC

Diameter (Inch)	Diameter (mm)	Band Width (mm)	Band Thickness (mm)
0.33-0.37	8.38-9.40		
0.35-0.41	8.89-10.41		
0.37-0.43	9.40-10.92		
0.39-0.45	9.91-11.43		
0.41-0.47	10.41-11.94		
0.43-0.49	10.92-12.45	5.0	
0.45-0.51	11.43-12.95	5.8	
0.47-0.53	11.94-13.46		
0.49-0.55	12.45-13.97		
0.51-0.55	12.95-13.97		
0.53-0.59	13.46-14.99		
0.55-0.60	13.97-15.24		
0.57-0.62	14.48-15.75		0.5
0.59-0.64	14.99-16.26		
0.60-0.66	15.24-16.76		
0.62-0.68	15.75-17.27		
0.64-0.70	16.26-17.78		
0.66-0.72	16.76-18.29		
0.68-0.74	17.27-18.80		
0.70-0.76	17.78-19.30		
0.72-0.76	18.29-19.30		
0.74-0.80	18.80-20.32	7.8	
0.76-0.82	19.30-20.83		
0.78-0.84	19.81-21.34		
0.80-0.86	20.32-21.84		
0.82-0.90	20.83-22.86		
0.84-0.92	21.34-23.37		
0.86-0.94	21.84-23.88		
0.88-0.96	22.35-24.38		
0.92-0.99	23.37-25.15		
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

Normal Situation Dimension (mm)	Working Situation Dimension (mm)
64.4	60
64.9	60.5
65.4	61
65.9	61.5
66.4	62
•••	
	(***)
112.4	108
112.9	108.5
113.4	109
113.9	109.5
114.4	110

Normal Situation Dimension (mm)	Working Situation Dimension (mm)
22	19.5
22.5	20
23	20.5
23.5	21
24	21.5
110.5	108
111	108.5
111.5	109
112	109.5
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.

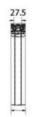


DPF COUPLER CLAMP

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"







	oint Diameter e O.D.)
Inch	mm
10 9/16	267.6
11 13/16	300.75
13 9/16	345.2

Citroen / Peugeot / Mini Clamps



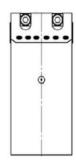
Available Sizes
59 mm
62 mm
67 mm
70 mm
80 mm
83 mm
92 mm
94 mm



Flex joiner Clamp

Inch
3
3 1/8
3 1/2
4 3/8
4 1/3
4 1/2
4 3/4
5 1/16
6 1/5







3 Hole type Exhaust Plate

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

Available Sizes
42mm
48mm
57mm
73mm





Bridge Clamp / Worm Gear Band



Spannbereich	Bandbreite	Artikelnummer	W2	Artikelnummer	W4
40 - 60		BS 40-60 /9W2		SPSG 40-60 /9W4	
50 - 70	Ī	BS 50-70 /9W2		SPSG 50-70 /9W4	
60 - 80		BS 60-80 /9W2		SPSG 60-80 /9W4	
70 - 90	9	BS 70-90 /9W2		SPSG 70-90 /9W4	
80 - 100		BS 80-100 /9W2		SPSG 80-100 /9W4	
90 - 110		BS 90-110 /9W2		SPSG 90-110 /9W4	
40 - 60		BS 40-60 /12W2		SPSG 40-60 /12W4	
50 - 70	1	BS 50-70 /12W2	1	SPSG 50-70 /12W4	

	Werkstoffe
W2	Band und Gehäuse aus Werkstoff 1.4016, Schraube Stahl verzinkt mit Kreuzschlitz
W4	Komplett rostfreier Stahl 1.4301 (=V2A), Schraube mit Schlitz

CUSHION CLAMP

Size & detail of clamp

- 1. Cushion Clamps, SS 304 Size: 5/8" (Pipe OD) Bush should withstand – 50 Deg C to + 110 Deg C
- 2. Cushion Clamps, SS 304 Size: 7/8" (Pipe OD) Bush should withstand – 50 Deg C to + 110 Deg C
- 3. Cushion Clamps, SS 304 Size: 1 1/8" (Pipe OD) Bush should withstand – 50 Deg C to + 110 Deg C
- 4. Cushion Clamps, SS 304 Size: 13/8" (Pipe OD) Bush should withstand – 50 Deg C to + 110 Deg C





TOOTHED CLAMP

Material: stainless steel

Type: toothed

other characteristics: band

AVAILABLE SIZE				
INCH	MM			
2	50			
3-1/2	88			
4	102			
5	127			
6	152			
7	177			
8	203			
9	228			
10	254			
12	305			
14	355			
16	406			
18	457			
20	508			





DG2 PIPE CLAMPS WITH WELDING WOOD SCREW



PRODUCT CODE	SIZE (MM)	SIZE (INCH)	SCREW	WIDTH *THICKNES	CONNECTION SCREW	(A) MM	MAX.RECOM.LOAD.N
BRD5W1-012015- O7EP01	12-15	1/4	7*70	20*1.5	M6*18	57.5	800
BRD5W1-015019- O7EP01	15-19	3/8	7*70	20*1.5	M6*18	61.5	800
BRD5W1-020025- O7EP01	20-25	1/2	7*70	20*1.5	M6*25	67.0	800
BRD5W1-025030- O7EP01	25-30	3/4	7*70	20*1.5	M6*25	72.3	800
BRD5W1-031037- O7EP01	31-37	1	7*70	20*1.5	M6*25	79.3	800
BRD5W1-038044- O7EP01	38-44	11/4	7*70	20*1.5	M6*25	86.0	800
BRD5W1-045052- O7EP01	45-52	11/2	7*70	20*1.5	M6*25	94.3	800
BRD5W1-053058- O7EP01	53-58	-	7*70	20*1.5	M6*25	101.3	800
BRD5W1-059065- O7EP01	59-65	2	7*70	20*1.5	M6*25	108.6	800
BRD5W1-067074- O7EP01	67-74	-	7*70	25*2	M6*25	124.0	800
BRD5W1-074082- O7EP01	74-80	21/2	7*70	25*2	M6*25	130.5	800



DG2 PIPE CLAMPS WITH WELDING WOOD SCREW



PRODUCT	SIZE	SIZE	SCREW	WIDTH	CONNECTION	(A)	MAX.RECOM.LOAD.N
CODE	(MM)	(INCH)		*THICKNES	SCREW	MM	
BRD5W1- 012015-08EP01	12-15	1/4	7*100	20*1.5	M6*18	57.5	800
BRD5W1- 015019- O8EP01	15-19	3/8	7*100	20*1.5	M6*18	61.5	800
BRD5W1- 020025- O8EP01	20-25	1/2	7*100	20*1.5	M6*25	67.0	800
BRD5W1- 025030- 08EP01	25-30	3/4	7*100	20*1.5	M6*25	72.3	800
BRD5W1- 031037- 08EP01	31-37	1	7*100	20*1.5	M6*25	79.3	800
BRD5W1- 038044- 08EP01	38-44	11/4	7*100	20*1.5	M6*25	86.0	800
BRD5W1- 045052- O8EP01	45-52	11/2	7*100	20*1.5	M6*25	94.3	800
BRD5W1- 053058- O8EP01	53-58	-	7*100	20*1.5	M6*25	101.3	800
BRD5W1- 059065- O8EP01	59-65	2	7*100	20*1.5	M6*25	108.6	800
BRD5W1- 067074- O8EP01	67-74	-	7*100	25*2	M6*25	124.0	800
BRD5W1- 074082- O8EP01	74-80	21/2	7*100	25*2	M6*25	130.5	800
BRD5W1- 074082- 08EP01	82-92	3	7*100	25*2	M6*30	141.5	800
BRD5W1- 074082- 08EP01	90-102	-	7*100	25*2	M6*35	151.0	800
BRD5W1- 074082- 08EP01	108-118	4	7*100	25*2	M6*30	168.0	800
BRD5W1- 074082- 08EP01	120-130	-	7*100	25*2	M6*30	181.0	800



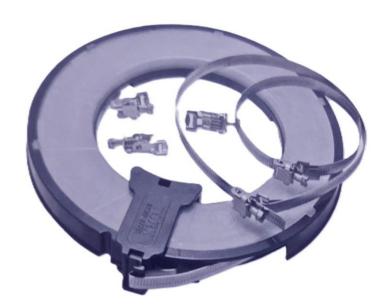
G CLAMPS



F	S	A	D	E	В	C
M8X20	2.5	30	20	12.7	19	7.3



STRIP STEEL & LOCKING DEVICE 9MM



PRODUCT CODE - MR060W1-009-01

DESCRIPTION – STRIP STEEL

BAND WIDTH (B1) - 9MM

BAND THICKNESS (S) - 0.60MM

BAND LENGTH - 30 M

QUANTITY PCS BOX - 10



Custom Clamps

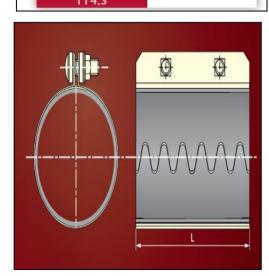
We are perfectly set up to fulfil almost any special request and professionally meet any requirements our clients have regarding versions, materials and surfaces of hose and fastening clamps. High-quality Invicta custom clamps are one of our core manufacturing strengths. We create expert, fast-turnaround solutions to your special product requirements!

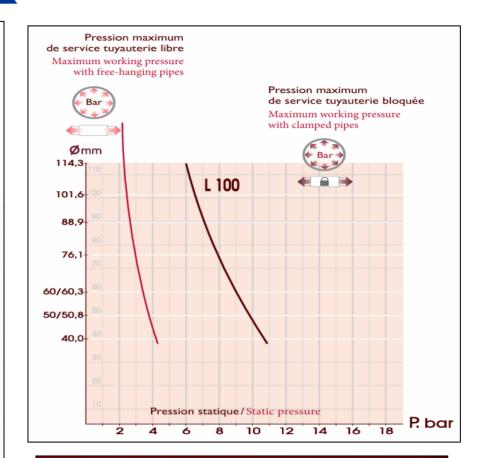






Ø	L100
38,1	
40	
45	
50/50,8	
54	
55	
60/60,3	
63,5	
65	
70	
75	
76,1	
80	
82	
84	
85	
88,9	
95	
100	
101,6	
104	
105	
108	
114.3	





SPECIFICATION OF STANDARD COUPLING

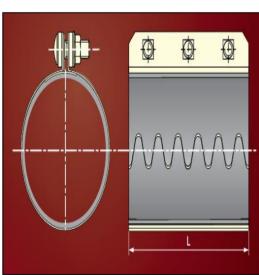
- Outside skin in stainless steel 430
- Black SBR gasket -30°C/+80°C
- Zinc plated bolts
- · Conductivity with eyelet

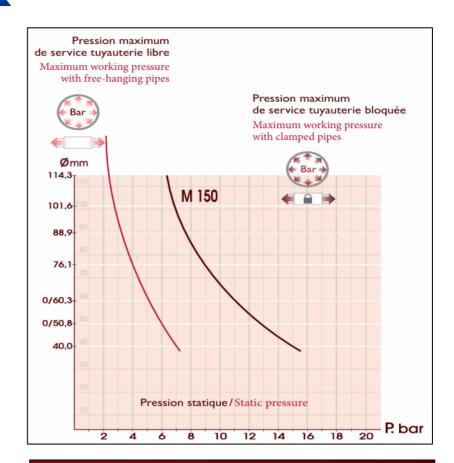
OPTIONS

- All stainless steel 304L version
- White NBR gasket FDA -30°C/+110°C; European Regulation 1935/2004 CE and REACH 1907/2006 CE
- Silicone VMQ gasket –65°C/+225°C
- Blue silicone gasket −40°C/+180°C
- Viton FPM gasket −20°C/+250°C
- Coupling with clamp and side bars (see p. 5)
- Coupling for two tubes with different diameters (see p. 5)
- Conductivity strip in copper CU A1
- Conductive protecting ring in stainless steel 304L (see p. 5)









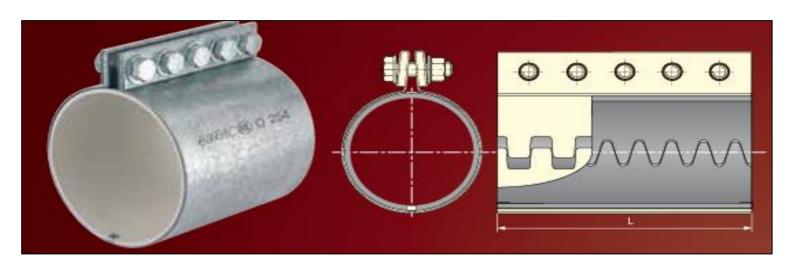
SPECIFICATION OF STANDARD COUPLING

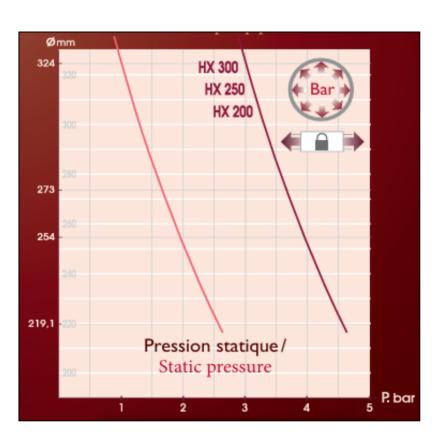
- Outside skin in stainless steel 430
- Black SBR gasket -30°C/+80°C
- Zinc plated bolts
- Conductivity with eyelet

OPTIONS

- All stainless steel 304L version
- White NBR gasket FDA -30°C/+110°C; European Regulation 1935/2004 CE and REACH 1907/2006 CE
- Silicone VMQ gasket –65°C/+225°C
- Blue silicone gasket −40°C/+180°C
- Viton FPM gasket -20°C/+250°C
- Coupling with clamp and side bars (see p. 7)
- Coupling for tubes with different diameters (see p. 7)
- Conductivity strip in copper CU A1
- Conductive protecting ring in stainless steel 304L (see p. 7)







DESCRIPTIF STANDARDSPECIFICATION OF STANDARD COUPLING

- Enveloppe extérieure acier galvanisé Outside skin in galvanised steel
- Enveloppe intérieure acier galvanisé Inside skin in galvanised steel
- Joint NBR blanc FDA –30°C/+110°C; Règlement Européen 1935/2004 CE et REACH 1907/2006 CE White NBR gasket FDA –30°C/+110°C; European Regulation 1935/2004 CE and REACH 1907/2006 CE
- Boulons zingués
 Zinc plated bolts
- Lamelle de conductivité inox 304 L Stainless steel 304 L, conductivity strip

OPTIONS/OPTIONS

- Version tout inox 304L
 All stainless steel 304L version
- Joint SBR noir -30°C/+80°C Black SBR gasket -30°C/+80°C
- Joint silicone VMQ -65°C/+225°C
 Silicone VMQ gasket -65°C/+225°C
- Joint silicone détectable bleu -40°C/+180°C Blue silicone gasket -40°C/+180°C
- Joint Viton FPM noir -20°C/+250°C Viton FPM gasket -20°C/+250°C
- Raccord pont Coupling with clamp and side bars
- Lamelle de conductivité cuivre CU A1 Conductivity strip in copper CU A1
- Anneau protecteur conductif inox 304L
 Conductive protection ring in stainless steel 304L



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



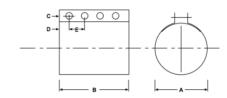
	Thickness			
Size	Shell	Sleeve		
1/2" - 2-7/8" OD	0.052	0.052		
3" OD	0.052	0.052		
3-1/4" - 5" OD	0.062	0.052		
5-1/4" - 8-5/8" OD	0.062	0.052		
9" - 24" OD	0.062	0.062		



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	В	C		_	ogo
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	Cougo	
A	В	Gauge	
3"	4"	16	
4"	5"	16	
5"	6"	16	
6"	3"	16	
6"	6"	16	
8"	3"	16	
8"	6"	16	







CERTIFICATIONS





Contact us:

Invicta India Pvt. Ltd. / Rex Consolidated

CORPORATE OFFICE:

80 DLF Industrial Area, Sector 32, Faridabad, Haryana 121003, India.

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**



+91-11-29247984/ 41635953



+91-011-29243506



kavita@invictaindia.com

rahul@invictaindia.com

© Copyright 2016 Invicta India Pvt. Ltd.

All information and data stated in this Product Range document has been compiled with utmost care.

Nevertheless, victa accepts no liability for any errors, omissions or other inaccuracies contained herein. Subject to change without notice. Reprinting or reproduction, in whole or in part, including of photographs, illustrations or graphics, is not permitted without the prior written consent of Invicta India Pvt. Ltd.. We reserve all rights in connection with this document.

Any similarity or resemblance is unintended and is merely a coincidence.

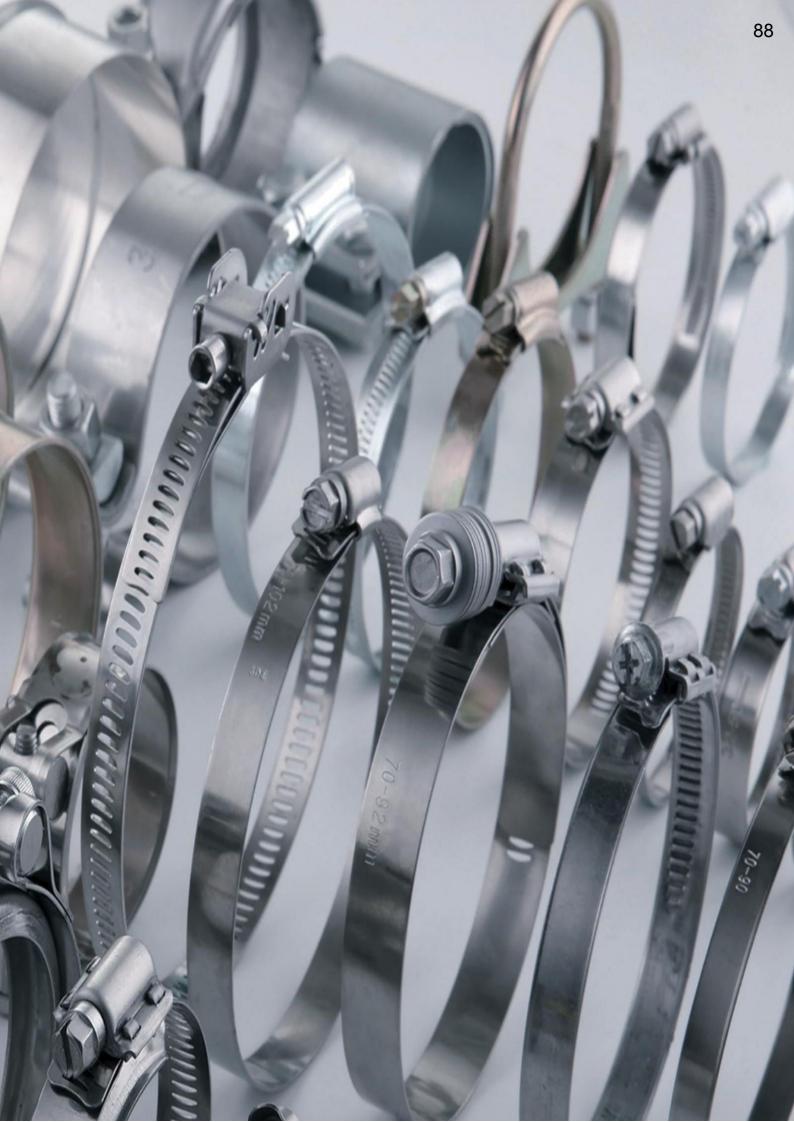
The vehicle applications cited in this Product Range document may possibly be valid only up to the date printed on the last page of the document. All references made in this Product Range document to the item numbers of vehicle manufacturers and/or competitors are provided for the purpose of comparison only. Such information is not allowed to be used in invoices issued to vehicle owners.











INVICTA®