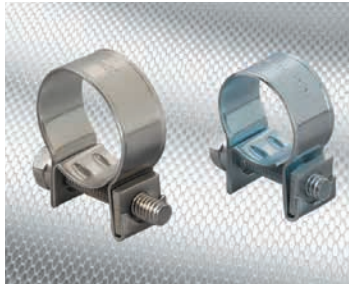
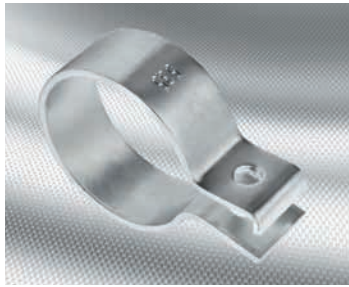




Hose and Retaining Clamps Product Catalog

Superior Clamps for a
Wide Range of Applications



About Us

Big enough to serve you, small enough to know you



With roots dating back to 1903, the IFE Group is a privately owned company built on innovation, quality, and strong customer partnerships. From developing the legendary Penta engine to producing the first engines for Volvo cars, our history is grounded in technical excellence. Since the early 1980s, we've become a trusted global provider of precision-engineered fluid system components—including clamps, couplings, and retaining elements.

Headquartered in Stockholm, Sweden, the IFE Group serves customers worldwide through a responsive, regionally driven structure.

- IFE Americas operates from Brighton, Michigan, serving the U.S., Mexican and Canadian markets with local inventory, engineering support, and customer service.
- IFE Europe supports our European partners from Stockholm and serves customers through our Germany-based warehouse.

All product development and testing is conducted in-house, ensuring that every component meets the highest standards of performance and reliability.

Our global supply chain spans the USA, Germany, France, Thailand, South Korea, and Malaysia—giving us the flexibility to source efficiently while maintaining strict quality control. All products are manufactured under the IFE brand, known for durability and consistency across industries.

At IFE, we pride ourselves on combining the resources of a global manufacturer with the agility and attention of a local partner. Whether you need off-the-shelf components or tailored solutions, we are committed to being your first choice for fluid systems components.

Contact us today to see how we can support your project.



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Members of these professional organizations:



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Hose Clamps

IFE-MC: Mini Clamps



The IFE Mini Clamp features rolled band edges, preventing hose damage. The bridge under the housing optimizes hose protection and creates a more even clamping force distribution. The nut is retained even in cases when the 7 mm hexagon head screw is removed. The screw comes with a hexagon head. Band width 9 mm. This clamp is available in sizes from 6-8 mm up to 24-26 mm. It offers many benefits:

- W1 - Free from chromium VI and will withstand a minimum of 72 hours salt spray
- Available in all 300 series stainless steel
- Made according to DIN 3017
- Clamp is well suited for small diameter joints with thin wall hose like fuel hoses



Material – Code: 4 (304 Stainless)

IFE Part Number	IFE Description	Band Width	Screw Head
12211027040008	MC 6-8 mm	9	7
12211027040009	MC 7-9 mm	9	7
12211027040010	MC 8-10 mm	9	7
12211027040011	MC 9-11 mm	9	7
12211027040012	MC 10-12 mm	9	7
12211027040013	MC 11-13 mm	9	7
12211027040014	MC 12-14 mm	9	7
12211027040015	MC 13-15 mm	9	7
12211027040016	MC 14-16 mm	9	7
12211027040017	MC 15-17 mm	9	7
12211027040018	MC 16-18 mm	9	7
12211027040019	MC 17-19 mm	9	7
12211027040020	MC 18-20 mm	9	7
12211027040021	MC 19-21 mm	9	7
12211027040022	MC 20-22 mm	9	7

Material – Code: 1 (Carbon Steel)

IFE Part Number	IFE Description	Band Width	Screw Head
12211027010008	MC 6-8 mm	9	7
12211027010009	MC 7-9 mm	9	7
12211027010010	MC 8-10 mm	9	7
12211027010011	MC 9-11 mm	9	7
12211027010012	MC 10-12 mm	9	7
12211027010013	MC 11-13 mm	9	7
12211027010014	MC 12-14 mm	9	7
12211027010015	MC 13-15 mm	9	7
12211027010016	MC 14-16 mm	9	7
12211027010017	MC 15-17 mm	9	7
12211027010018	MC 16-18 mm	9	7
12211027010019	MC 17-19 mm	9	7
12211027010020	MC 18-20 mm	9	7
12211027010021	MC 19-21 mm	9	7
12211027010022	MC 20-22 mm	9	7

Due to our program of continuous improvement, specifications may be subject to change.

IFE-AS: American Style Worm Drive Clamps



IFE-AS Clamps embrace the traditional hose clamp design, earning their reputation as the most popular choice in the Americas. With an interlocked construction, these clamps boast unwavering durability without the need for welding.

- Liner version of the clamp is available with an inner liner that protects hoses and soft components from damage due to the slots in the band.
- Excellent design for holding signs, flags, small vessels and filters securely in place.



5/16" (8 mm) Band Width, 1/4" (6.3 mm) Screw Head			
W2 Part No.	W4 Part No.	Clamping Range inch (mm)	SAE Size
122 114 2602 0016	122 114 2604 0016	7/32-5/8 (6-16)	4
122 114 2602 0020	122 114 2604 0020	7/16-25/32 (11-20)	6
122 114 2602 0023	122 114 2604 0023	1/2-7/8 (13-23)	8
122 114 2602 0027	122 114 2604 0027	9/16-1-1/16 (14-27)	10
122 114 2602 0032	122 114 2604 0032	11/16-1-1/4 (17-32)	12
122 114 2602 0038	122 114 2604 0038	1/2-1-1/2 (13-38)	16

1/2" (12.7 mm) Band Width, 5/16" (8 mm) Screw Head			
W2 Part No.	W4 Part No.	Clamping Range inch (mm)	SAE Size
122 113 2802 0019	122 113 2804 0019	1/2-13/16 (13-19)	6
122 113 2802 0023	122 113 2804 0023	7/16-7/8 (11-23)	8
122 113 2802 0027	122 113 2804 0027	9/16-1-1/16 (14-27)	10
122 113 2802 0032	122 113 2804 0032	11/16-1-1/4 (18-32)	12
122 113 2802 0038	122 113 2804 0038	11/16-1-1/2 (19-38)	16
122 113 2802 0044	122 113 2804 0044	13/16-1-3/4 (21-44)	20
122 113 2802 0051	122 113 2804 0051	1-1/16-2 (27-51)	24
122 113 2802 0057	122 113 2804 0057	1-5/16-2-1/4 (33-57)	28
122 113 2802 0064	122 113 2804 0064	1-9/16-2-1/2 (40-64)	32
122 113 2802 0070	122 113 2804 0070	1-13/16-2-3/4 (46-70)	36
122 113 2802 0076	122 113 2804 0076	2-1/16-3 (52-76)	40
122 113 2802 0083	122 113 2804 0083	2-5/16-3-1/4 (59-83)	44
122 113 2802 0089	122 113 2804 0089	2-9/16-3-1/2 (65-89)	48
122 113 2802 0095	122 113 2804 0095	2-13/16-3-3/4 (71-95)	52
122 113 2802 0102	122 113 2804 0102	3-1/16-4 (78-102)	56
122 113 2802 0108	122 113 2804 0108	3-5/16-4-1/4 (84-108)	60
122 113 2802 0114	122 113 2804 0114	3-9/16-4-1/2 (90-114)	64
122 113 2802 0127	122 113 2804 0127	4-1/8-5 (103-127)	72
122 113 2802 0140	122 113 2804 0140	4-5/8-5-1/2 (118-140)	80
122 113 2802 0152	122 113 2804 0152	5-1/8-6 (130-152)	88
122 113 2802 0165	122 113 2804 0165	5-5/8-6-1/2 (143-165)	96
122 113 2802 0178	122 113 2804 0178	6-1/8-7 (154-178)	104



Due to our program of continuous improvement, specifications may be subject to change.

Hose Clamps

IFE-AS2: American Style 2-Piece Housing Worm Drive Clamps



Worm drive hose clamps from IFE provide strong clamping force and are easy to install. They are widely used in a variety of applications, including heavy machinery, recreational vehicles (ATVs, boats, snowmobiles), and lawn and garden equipment.

- 2-piece housing for extra strength
- Exceeds SAE requirements
- Liner version of the clamp is available with an inner liner that protects hoses and soft components from damage due to the slots in the band.



9/16" (14.2mm) Band Width, 5/16" (8mm) Screw Hex Head

W4 Part No.	Clamping Range inches (mm)	W4 Part No.	Clamping Range inches (mm)	W4 Part No.	Clamping Range inches (mm)
122 105 2804 0020	7/16-13/16 (11-20)	122 105 2804 0089	2 9/16- 3 1/2 (65-89)	122 105 2804 0200	7 1/16- 7 7/8 (180-200)
122 105 2804 0023	1/2-7/8 (13-23)	122 105 2804 0095	2 13/16 - 3 3/4 (71-95)	122 105 2804 0210	7 7/16- 8 1/4 (190-210)
122 105 2804 0027	9/16- 1 1/16 (14-27)	122 105 2804 0102	3 1/16 - 4 (78-102)	122 105 2804 0220	7 7/8 - 8 5/8 (200-220)
122 105 2804 0032	11/16-1 1/4 (17-32)	122 105 2804 0108	3 5/16 - 4 1/4 (84-108)	122 105 2804 0230	8 1/4-9 1/16 (210-230)
122 105 2804 0038	13/16- 1 1/2 (21-38)	122 105 2804 0114	3 9/16 - 4 1/2 (90-114)	122 105 2804 0240	8 5/8-9 7/16 (220-240)
122 105 2804 0044	13/16- 1 3/4 (21-44)	122 105 2804 0127	4 1/8 - 5 (103-127)	122 105 2804 0250	9 1/16-9 7/8 (230-250)
122 105 2804 0051	1 1/16- 2 (27-51)	122 105 2804 0140	4 5/8 - 5 1/2 (117-140)	122 105 2804 0260	9 7/16-10 1/4 (240-260)
122 105 2804 0057	1 5/16- 2 1/4 (33-57)	122 105 2804 0152	5 1/8 - 6 (130-152)	122 105 2804 0270	9 7/8- 10 5/8 (250-270)
122 105 2804 0064	1 9/16- 2 1/2 (40-64)	122 105 2804 0165	5 5/8 - 6 1/2 (141-165)	122 105 2804 0280	10 1/4-11 (260-280)
122 105 2804 0070	1 13/16 - 2 3/4 (46-70)	122 105 2804 0178	6 1/8 - 7 (157-178)	122 105 2804 0290	10 5/8-11 3/8 (270-290)
122 105 2804 0076	2 1/16- 3 (52-76)	122 105 2804 0180	6 1/4 - 7 1/16 (160-180)	122 105 2804 0300	11 -11 7/8 (280-300)
122 105 2804 0083	2 5/16 - 3 1/4 (59-83)	122 105 2804 0190	6 11/16 - 7 7/16 (170-190)	122 105 2804 0310	11 3/8 - 12 3/16 (290-310)

**1/2" (12.5mm) Band Width
5/16" (8mm) Screw Hex Head**

W4 Part No.	Clamping Range inches (mm)
122 104 2804 0020	7/16-13/16 (11-20)
122 104 2804 0023	1/2-7/8 (13-23)
122 104 2804 0027	9/16- 1 1/16 (14-27)
122 104 2804 0032	11/16-1 1/4 (17-32)
122 104 2804 0038	13/16- 1 1/2 (21-38)
122 104 2804 0044	13/16- 1 3/4 (21-44)
122 104 2804 0051	1 1/16- 2 (27-51)
122 104 2804 0057	1 5/16- 2 1/4 (33-57)
122 104 2804 0064	1 9/16- 2 1/2 (40-64)
122 104 2804 0070	1 13/16 - 2 3/4 (46-70)
122 104 2804 0076	2 1/16- 3 (52-76)
122 104 2804 0083	2 5/16 - 3 1/4 (59-83)
122 104 2804 0095	2 13/16 - 3 3/4 (71-95)

Due to our program of continuous improvement, specifications may be subject to change.

5/8" (15.8mm) Band Width, 5/16" (8mm) Screw Hex Head

W4 Part No.	Clamping Range inches (mm)	W4 Part No.	Clamping Range inches (mm)
122 106 2804 0045	1-1 3/4 (25-45)	122 106 2804 0143	4 3/4-5 5/8 (121-143)
122 106 2804 0051	1 1/16-2 (27-51)	122 106 2804 0156	5 1/4-6 1/8 (134-156)
122 106 2804 0054	1 1/4-2 1/8 (32-54)	122 106 2804 0168	5 3/4-6 5/8 (146-168)
122 106 2804 0067	1 3/4-2 5/8 (45-67)	122 106 2804 0181	6 1/4-7 1/8 (159-181)
122 106 2804 0079	2 1/4-3 1/8 (57-79)	122 106 2804 0194	6 3/4-7 5/8 (172-194)
122 106 2804 0092	2 3/4-3 5/8 (70-92)	122 106 2804 0206	7 1/4-8 1/8 (184-206)
122 106 2804 0105	3 1/4-4 1/8 (83-105)	122 106 2804 0219	7 3/4-8 5/8 (197-219)
122 106 2804 0118	3 3/4-4 5/8 (96-118)	122 106 2804 0232	8 1/4-9 1/8 (210-232)
122 106 2804 0130	4 1/4-5 1/8 (108-130)		

- 3 band widths available: 9/16", 1/2" (both in stock), 5/8"
- 5/16" hex head screw
- Custom sizes with shorter or extended thread patterns are also available.
- Clamps meet SAE J1508 Type F hose clamp specification
- Stock material options include W4 301 stainless steel throughout for corrosion resistance (other materials available)
- Other material options exist including W5 all 316 stainless steel and W3 (all economy stainless steel screw, band and housing)

IFE-AS2WS: American Style 2-Piece Housing With Spring Worm Drive Clamps



IFE-AS2WS clamps are used in heavy truck, bus, heavy equipment, and marine applications that require a dynamic clamp that compensates for thermal expansion and contractions.

- 2 band widths available 9/16" (14.2 mm) and 5/8" (15.8 mm)
- Band and housing are 304 stainless steel for corrosion resistance
- 2-piece housing for extra strength
- American Style 2 pcs housing with conical spring washers and liner



9/16" (14.2mm) Band Width, 5/16" (8mm) Screw Hex Head			
Size		Part Numbers	
mm	inch	Screw and Spring Washers Zinc Plated Carbon Steel (W2)	Screw and Spring Washers 410 Stainless (W4)
16-27	5/8-1 1/16	12210328020027	12210328040027
20-32	13/16-1 1/4	12210328020032	12210328040032
25-40	1-1 9/16	12210328020040	12210328040040
30-45	1 3/16-1 3/4	12210328020045	12210328040045
35-50	1 3/8-1 15/16	12210328020050	12210328040050
38-57	1 1/2-2 1/4	12210328020057	12210328040057
47-63	1 7/8-2 1/2	12210328020063	12210328040063
57-79	2 3/4-3 1/8	12210328020079	12210328040079

5/8" (14.2mm), 3/8" (10mm) Screw Hex Head			
Size		Part Numbers	
mm	inch	Screw and Spring Washers Zinc Plated Carbon Steel (W2)	Screw and Spring Washers 410 Stainless (W4)
26-45	1-1 3/4	12210721020045	12210721040045
32-54	1 1/4-2 1/8	12210721020054	12210721040054
45-67	1 3/4-2 5/8	12210721020067	12210721040067
57-80	2 1/4-3 1/8	12210721020080	12210721040080
70-92	2 3/4-3 5/8	12210721020092	12210721040092
83-105	3 1/4-4 1/8	12210721020105	12210721040105
96-118	3 3/4-4 5/8	12210721020118	12210721040118
108-131	4 1/4-5 3/16	12210721020131	12210721040131
121-143	4 3/4-5 5/8	12210721020143	12210721040143
134-156	5 1/4-6 1/8	12210721020156	12210721040156
146-169	5 3/4-6 5/8	12210721020169	12210721040169
159-181	6 1/4-7 1/8	12210721020181	12210721040181
172-194	6 3/4-7 5/8	12210721020194	12210721040194
184-207	7 1/4-8 1/8	12210721020207	12210721040207
197-219	7 3/4-8 5/8	12210721020219	12210721040219
210-232	8 1/4-9 1/8	12210721020232	12210721040232
264-286	10 3/8-11 1/4	12210721020286	12210721040286
313-335	12 1/4-13 3/16	12210721020335	12210721040335

- All stainless (stock) version has 410 stainless screw and spring washers
- Optional version with zinc plated carbon steel spring washers and screw available



Due to our program of continuous improvement, specifications may be subject to change.

Hose Clamps

IFE-GS: German Style Worm Drive Clamps



IFE German style worm drive clamps deliver higher clamping force than American style clamps at less torque. That means heavy equipment, recreational vehicles, and lawn and garden equipment can often use one of these 9 mm band width clamps instead of a 1/2" American style clamp at substantial savings. Discover the advantage of IFE German style worm drive clamps today!

- High clamping force
- Rolled edges minimize hose abrasion
- Non-slotted band eliminates hose extrusion
- Best option for performance versus price



9 mm Band Width, 7mm Screw Head		
W3 Part No.	W4 Part No.	Clamping Range mm
122 101 2703 0016	122 101 2704 0016	8-16
122 101 2703 0020	122 101 2704 0020	12-20
122 101 2703 0025	122 101 2704 0025	16-25
122 101 2703 0027	122 101 2704 0027	16-27
122 101 2703 0032	122 101 2704 0032	20-32
122 101 2703 0040	122 101 2704 0040	25-40
122 101 2703 0045	122 101 2704 0045	30-45
122 101 2703 0050	122 101 2704 0050	35-50
122 101 2703 0057	122 101 2704 0057	33-57
122 101 2703 0060	122 101 2704 0060	40-60
122 101 2703 0065	122 101 2704 0065	45-65
122 101 2703 0070	122 101 2704 0070	50-70
122 101 2703 0080	122 101 2704 0080	60-80
122 101 2703 0090	122 101 2704 0090	70-90
122 101 2703 0100	122 101 2704 0100	80-100
122 101 2703 0110	122 101 2704 0110	90-110
122 101 2703 0120	122 101 2704 0120	100-120

12 mm Band Width, 7mm Screw Head		
W3 Part No.	W4 Part No.	Clamping Range mm
122 102 2703 0027	122 102 2704 0027	16-27
122 102 2703 0032	122 102 2704 0032	20-32
122 102 2703 0040	122 102 2704 0040	25-40
122 102 2703 0045	122 102 2704 0045	30-45
122 102 2703 0050	122 102 2704 0050	35-50
122 102 2703 0060	122 102 2704 0060	40-60
122 102 2703 0070	122 102 2704 0070	50-70
122 102 2703 0080	122 102 2704 0080	60-80
122 102 2703 0090	122 102 2704 0090	70-90
122 102 2703 0100	122 102 2704 0100	80-100
122 102 2703 0110	122 102 2704 0110	90-110
122 102 2703 0120	122 102 2704 0120	100-120
122 102 2703 0130	122 102 2704 0130	110-130
122 102 2703 0140	122 102 2704 0140	120-140
122 102 2703 0150	122 102 2704 0150	130-150
122 102 2703 0160	122 102 2704 0160	140-160
122 102 2703 0170	122 102 2704 0170	150-170
122 102 2703 0180	122 102 2704 0180	160-180
122 102 2703 0190	122 102 2704 0190	170-190
122 102 2703 0200	122 102 2704 0200	180-200
122 102 2703 0210	122 102 2704 0210	190-210
122 102 2703 0220	122 102 2704 0220	200-220

- All sizes are available in 9mm and 12mm bandwidth and 7mm screw head.
- Special sizes and other materials are available for high-volume orders. Custom sizes with shorter or extended thread patterns are also available.
- Other material options exist including W1 (all zinc plated carbon steel screw, band and housing) and W5 (all 316 stainless steel screw, band and housing)
- Clamps meet SAE J1508 Type F hose clamp specification

- Stock material options include W3 (all economy stainless steel screw, band and housing) and W4 (all 300 series stainless steel screw, band and housing).
- Other material options exist including W5 all 316 stainless steel and W3 (all economy stainless steel screw, band and housing)

Due to our program of continuous improvement, specifications may be subject to change.

IFE-GSWS: German Style With Spring Worm Drive Clamps



The IFE German-style clamp with a spring insert is a dynamic clamp that delivers higher clamping force at lower torque compared to the American style with a spring. This design is ideal for applications experiencing extreme temperature variations, ensuring consistent tension and reliability.

- High Clamping force
- Rolled edges eliminate hose abrasion
- Non-Perforated band eliminates hose extrusion
- Spring insert on the clamp band compensates for thermal expansion and contraction as well as compression set of rubber hose
- Lightweight and compact compared to other dynamic clamp designs



9 mm Band Width			
W3 Part No.	Size in mm	W4 Part No.	Size in mm
12212127030016	8-16	12212127040016	8-16
12212127030020	12-20	12212127040020	12-20
12212127030023	13-23	12212127040023	13-23
12212127030027	16-27	12212127040027	16-27
12212127030032	20-32	12212127040032	20-32
12212127030040	25-40	12212127040040	25-40
12212127030045	30-45	12212127040045	30-45
12212127030050	35-50	12212127040050	35-50
12212127030057	33-57	12212127040057	33-57
12212127030060	40-60	12212127040060	40-60
12212127030065	45-65	12212127040065	45-65
12212127030070	50-70	12212127040070	50-70
12212127030080	60-80	12212127040080	60-80
12212127030090	70-90	12212127040090	70-90
12212127030100	80-100	12212127040100	80-100
12212127030110	90-110	12212127040110	90-110
12212127030120	100-120	12212127040120	100-120

All screws have 7 mm hex head

All sizes are available in the more economical W3 ferritic stainless steel. W4 austenitic stainless steel can be provided for special requests.

Special sizes and other materials are available for high-volume orders.

12 mm Band Width			
W3 Part No.	Size in mm	W4 Part No.	Size in mm
19912227030027	16-27	19912227040027	16-27
19912227030032	20-32	19912227040032	20-32
19912227030040	25-40	19912227040040	25-40
19912227030045	30-45	19912227040045	30-45
19912227030050	35-50	19912227040050	35-50
19912227030060	40-60	19912227040060	40-60
19912227030070	50-70	19912227040070	50-70
19912227030080	60-80	19912227040080	60-80
19912227030090	70-90	19912227040090	70-90
19912227030100	80-100	19912227040100	80-100
19912227030110	90-110	19912227040110	90-110
19912227030120	100-120	19912227040120	100-120
19912227030130	110-130	19912227040130	110-130
19912227030140	120-140	19912227040140	120-140
19912227030150	130-150	19912227040150	130-150
19912227030160	140-160	19912227040160	140-160
19912227030170	150-170	19912227040170	150-170
19912227030180	160-180	19912227040180	160-180
19912227030190	170-190	19912227040190	170-190
19912227030200	180-200	19912227040200	180-200
19912227030210	190-210	19912227040210	190-210
19912227030220	200-220	19912227040220	200-220

All screws have 7 mm hex head

- All sizes available in 9mm and 12mm bandwidth with a 7mm screw head.
- Special sizes are available for high-volume orders. Custom sizes with shorter or extended thread patterns are also available.

- Available in W3 (all economy grade of stainless steel screw, band and housing, with a 300 series stainless steel spring insert) and W4 (all 300 series stainless steel screw, band, housing and spring insert)



Due to our program of continuous improvement, specifications may be subject to change.

Hose Clamps

IFE-SS: Swedish Style Worm Drive Clamps



For unparalleled performance in critical applications, look no further than IFE's Swedish-style worm-drive hose clamps. Renowned for their exceptional quality, these premium clamps are trusted globally, both on land and at sea, for their unmatched strength, dependability, and extended service life. When reliability matters most, IFE's Swedish-style worm-drive hose clamps deliver superior results you can count on.



- 1-piece tubular housing (non-welded) for maximum strength
- Smooth I.D. reduces hose damage and maximizes conversion of torque to clamping force
- Rolled edges protect hose from abrasion
- The choice of major yacht-makers in North America, Europe and Asia

13/32" (10mm) Band Width, 9/32" (7mm) Screw Head

W5 Part No.	Clamping Range inch (mm)	SAE Size	W5 Part No.	Clamping Range inch (mm)	SAE Size
122 111 2705 0014	5/16-9/16 (8-14)	3	122 111 2705 0038	1 1/32-1 1/2 (26-38)	16
122 111 2705 0017	7/16-21/32 (11-17)	4	122 111 2705 0044	1 1/4-1 23/32 (32-44)	20
122 111 2705 0020	1/2-25/32 (13-20)	6	122 111 2705 0050	1 1/2-1 31/32 (38-50)	24
122 111 2705 0024	19/32-15/16 (15-24)	8	122 111 2705 0056	1 23/32-2 7/32 (44-56)	28
122 111 2705 0028	3/4-1 3/32 (19-28)	10	122 111 2705 0065	1 31/32-2 9/16 (50-65)	32
122 111 2705 0032	7/8-1 1/4 (22-32)	12			

15/32" (12mm) Band Width, 9/32" (7mm) Screw Head

W5 Part No.	Clamping Range inch (mm)	SAE Size	W5 Part No.	Clamping Range inch (mm)	SAE Size
122 112 27050024	19/32-15/16 (15-24)	8	122 112 2705 0120	3 1/32-4 23/32 (77-120)	68
122 112 2705 0028	3/4-1 3/32 (19-28)	10	122 112 2705 0130	4 11/32-5 1/8 (110-130)	74
122 112 2705 0032	7/8-1 1/4 (22-32)	12	122 112 2705 0138	4 3/32-5 7/16 (104-138)	80
122 112 2705 0038	1 1/32-1 1/2 (26-38)	16	122 112 2705 0150	4 27/32-5 29/32 (123-150)	80
122 112 2705 0044	1 1/4-1 23/32 (32-44)	20	122 112 2705 0155	4 29/32-6 3/32 (125-155)	84
122 112 2705 0050	1 1/2-1 31/32 (38-50)	24	122 112 2705 0165	5 1/8-6 1/2 (130-165)	96
122 112 2705 0056	1 23/32-2 7/32 (44-56)	28	122 112 2705 0180	5 29/32-7 3/32 (150-180)	104
122 112 2705 0063	1 3/4-2 1/2 (46-63)	30	122 112 2705 0190	6 11/16-7 15/32 (170-190)	110
122 112 2705 0065	1 31/32-2 9/16 (50-65)	32	122 112 2705 0205	6 7/8-8 1/16 (175-205)	122
122 112 2705 0075	2 9/32-2 15/16 (58-75)	40	122 112 2705 0220	7 7/8-8 21/32 (200-220)	138
122 112 2705 0085	2 3/8-3 11/32 (68-85)	44	122 112 2705 0231	7 7/8-9 3/32 (200-231)	138
122 112 2705 0095	3 1/32-3 3/4 (77-95)	52	122 112 2705 0256	8 29/32-10 3/32 (226-256)	154
122 112 2705 0101	3 3/4-3 31/32 (95-101)	60	122 112 2705 0282	9 7/8-11 3/32 (251-282)	170
122 112 2705 0112	3 7/16-4 13/32 (87-112)	64	122 112 2705 0307	10 29/32-1' 0 3/32 (277-307)	186

Due to our program of continuous improvement, specifications may be subject to change.

- All AISI 316 stainless steel (band, housing and screw) for marine applications
- Available in 10mm and 12mm bandwidth and 7mm screw head
- Special sizes and other materials are available for high-volume orders. Custom sizes with shorter or extended thread patterns are also available.
- Stock material options include W5 (all 316 stainless steel screw, band and housing)
- Other material options exist, including W1 (all zinc plated carbon steel screw, band and housing)
- All sizes are stock items

IFE-HD: Heavy-Duty Euro Style Clamps



IFE's heavy-duty pipe clamps combine strength and versatility, making them a top choice for various applications. With exceptional clamping force, they also serve

as excellent pipe hangers, perfect for exhaust applications and more. Offering a wide range of options, you can select from over 30 diameters and 3 band widths to suit your specific needs.

- Stronger than traditional T-bolt designs, with solid trunnions
- Available with bridge for 360° hose clamping force
- Available without bridge for pipe clamping or non-sealing applications
- Available in 301 stainless steel, 316 stainless steel, or zinc-plated carbon steel
- 2-bolt versions for large-diameter applications requiring maximum force (e.g. ships)
- Rolled edges to avoid hose damage



- Special designs can be developed when justified by volume

Single-Bolt, 18mm Band

IFE Part Number	Clamp Range	Bolt
122108250 __ 0019	17-19	M5x40
122108250 __ 0021	19-21	M5x40
122108250 __ 0022	20-22	M5x40
122108250 __ 0023	21-23	M5x40
122108250 __ 0025	23-25	M5x40
122108250 __ 0028	26-28	M5x40

Single-Bolt, 20mm Band

122108260 __ 0031	29-31	M6x50
122108260 __ 0033	30-33	M6x50
122108260 __ 0035	32-35	M6x50
122108260 __ 0037	34-37	M6x50
122108260 __ 0039	36-39	M6x50
122108260 __ 0041	38-41	M6x50
122108260 __ 0043	40-43	M6x50
122108260 __ 0046	43-46	M6x50

Single-Bolt, 22mm Band

122108260 __ 0047	44-47	M6x55
122108260 __ 0051	48-51	M6x55
122108260 __ 0055	52-55	M6x55
122108260 __ 0059	56-59	M6x55
122108260 __ 0063	60-63	M6x55
122108280 __ 0067	64-67	M8x70

Single-Bolt, 24mm Band

IFE Part Number	Clamp Range	Bolt
122108280 __ 0073	68-73	M8x70
122108280 __ 0079	74-79	M8x70
122108280 __ 0080	76-80	M8x70
122108280 __ 0085	80-85	M8x70
122108280 __ 0091	86-91	M8x70
122108280 __ 0097	92-97	M8x70
122108280 __ 0103	98-103	M8x70
122108280 __ 0112	104-112	M8x80
122108280 __ 0118	110-118	M8x80
122108280 __ 0121	113-121	M8x80
122108280 __ 0130	122-130	M8x80

Single-Bolt, 26mm Band

122108210 __ 0139	131-139	M10x90
122108210 __ 0148	140-148	M10x90
122108210 __ 0161	149-161	M10x110
122108210 __ 0174	162-174	M10x110
122108210 __ 0187	175-187	M10x110
122108210 __ 0200	188-200	M10x110
122108210 __ 0210	195-210	M10x110
122108210 __ 0123	201-213/26	M10x110
122108210 __ 0226	214-226/26	M10x110
122108210 __ 0239	227-239/26	M10x110
122108210 __ 0252	240-252/26	M10x110

Double-Bolt, 20mm Band

IFE Part Number	Clamp Range	Bolt
122109260 __ 0045	35-45	M6x55
122109260 __ 0050	40-50	M6x55
122109260 __ 0055	45-55	M6x55
122109260 __ 0060	50-60	M6x55
122109260 __ 0065	55-65	M6x55
122109260 __ 0070	60-70	M6x60
122109260 __ 0075	65-75	M6x60
122109260 __ 0080	70-80	M6x60
122109260 __ 0085	75-85	M6x60
122109260 __ 0090	80-90	M6x60
122109260 __ 0095	85-95	M6x60

Double-Bolt, 24mm Band

122109280 __ 0070	60-70	M8x70
122109280 __ 0080	70-80	M8x70
122109280 __ 0090	80-90	M8x70
122109280 __ 0100	90-100	M8x70
122109280 __ 0110	100-110	M8x70
122109280 __ 0120	110-120	M8x70
122109280 __ 0130	120-130	M8x70
122109280 __ 0140	130-140	M8x80
122109280 __ 0150	140-150	M8x80
122109280 __ 0160	150-160	M8x80
122109280 __ 0170	160-170	M8x90
122109280 __ 0180	170-180	M8x90
122109280 __ 0190	180-190	M8x90
122109280 __ 0200	190-200	M8x90
122109280 __ 0210	200-210	M8x90
122109280 __ 0220	210-220	M8x90
122109280 __ 0230	220-230	M8x90
122109280 __ 0240	230-240	M8x90
122109280 __ 0250	240-250	M8x90
122109280 __ 0260	250-260	M8x90
122109280 __ 0270	260-270	M8x90
122109280 __ 0280	270-280	M8x90
122109280 __ 0300	290-300	M8x90

All clamps are available in a choice of materials to suit different applications. To order, fill in the __ in the part number with the number that corresponds to the material you want:

1 - zinc-plated carbon steel 4 - 301 stainless steel 5 - 316 stainless steel

All single-bolt clamps are available with a bridge for 360° clamping force, or without. The part numbers shown are WITH a bridge. To order WITHOUT a bridge, replace **108** in the part number with **117**.

Due to our program of continuous improvement, specifications may be subject to change.

Mounting

IFE-MS: Mounting Straps



IFE-MS are part of IFEs engineered mounting product range. Each mounting strap is custom designed for the customers application. IFE will work to guide the design process toward a solution that will work for the customers application and use existing tooling to avoid or at least minimize tooling costs. The parts can be designed with the following features:

- Parts can be round, flat or custom shaped
- IFE-MS feature solid barrel trunnions for maximum strength
- Parts can be produced with zinc plated carbon steel or stainless steel (band and hardware)
- Many tools are available so low volume parts can be proposed with little or no tooling costs



IFE-MS are NOT stock parts and appropriate lead times are required.

Design Questionnaire

- | | | |
|--|---|--|
| <ul style="list-style-type: none">➤ Does the customer already have a mounting strap design?➤ If yes can a drawing be supplied?➤ Does the customer have flexibility in bandwidth, fastener types or attachment method? <i>(this flexibility could allow IFE to offer a solution from existing tools to save money.)</i> | <ul style="list-style-type: none">➤ What are the dimensions of the component that is being mounted?➤ Is a design with the exterior dimensions available?➤ What is the component being mounted to?➤ Can design details be supplied? | <ul style="list-style-type: none">➤ Does the customer have specific corrosion resistance requirements?➤ What is the temperature for the application?➤ Estimated annual volume?➤ Application name? |
|--|---|--|



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IFE-ASQR: American Style Quick Release Clamps



The American Style Quick Release clamp is perfect for applications where the clamp needs to be fully disengaged before being secured in place. Their pivoting mechanism allows the tightening component to easily engage with the band, making both attachment and detachment significantly more efficient. This design is particularly useful in situations requiring frequent adjustments or maintenance, as it simplifies the process and reduces the time needed for installation and removal.



➤ Easy to adjust tightening mechanism

➤ Excellent design for holding signs, flags, fire extinguishers, small vessels and filters securely in place

➤ Quick to lock and release

1/2" (12.7 mm) and 9/16" (14.2 mm) Band Widths						
SAE Size	Size		W4 Part No.		W2 Part No.	
	mm	inch	1/2" (12.7 mm)	9/16" (14.2 mm)	1/2" (12.7 mm)	9/16" (14.2 mm)
12	13-32	1/2-1 1/4	12221328040032	12221528040032	12221328020032	12221528020032
20	19-44	3/4-1 3/4	12221328040044	12221528040044	12221328020044	12221528020044
24	26-51	1 1/16-1 1/16	12221328040051	12221528040051	12221328020051	12221528020051
28	26-57	1 1/16-2 1/4	12221328040057	12221528040057	12221328020057	12221528020057
36	26-70	1 1/16-2 3/4	12221328040070	12221528040070	12221328020070	12221528020070
48	38-89	1 1/2-3 1/2	12221328040089	12221528040089	12221328020089	12221528020089
56	25-101	1-3 5/16	12221328040101	12221528040101	12221328020101	12221528020101
72	51-127	2-5	12221328040127	12221528040127	12221328020127	12221528020127
88	51-152	2-6	12221328040152	12221528040152	12221328020152	12221528020152
104	44-178	1 3/4-7 1/6	12221328040178	12221528040178	12221328020178	12221528020178
116	44-197	1 3/4-7 3/4	12221328040197	12221528040197	12221328020197	12221528020197
128	44-217	1 3/4-8 9/16	12221328040217	12221528040217	12221328020217	12221528020217
136	44-228	1 3/4-8 15/16	12221328040228	12221528040228	12221328020228	12221528020228
152	51-254	2-10	12221328040254	12221528040254	12221328020254	12221528020254
188	52-312	2 1/16-12 5/16	12221328040313	12221528040313	12221328020313	12221528020313

Standard sizes have 5/16" (8mm) hex screw head

Please call for availability



- All sizes available in 1/2" (12.7mm) and 9/16" (14.2mm), bandwidth with the screw head in 5/16" (8mm) and 3/8" (10mm) available as well.
- Available in W2 (all economy grade of stainless steel screw, band and housing)

and W4 (the screw and band are 300 series, the housing is 400 series stainless steel).

- Special sizes and special materials are available for high-volume orders. Custom sizes with shorter or extended thread patterns are also available.

Due to our program of continuous improvement, specifications may be subject to change.

Mounting

IFE-RC: Retaining Clamps



IFE-RC are part of IFEs engineered mounting product range. Retaining clamps are custom designed for the customers application. IFE will guide the design process toward a solution

that will work for the customers application and use existing tooling to avoid or at least minimize tooling costs. The parts can be designed with the following features:

- Ergonomic European style retaining clamps with material doublers where the fastener passes through to allow the part to be as flexible as possible while maximizing strength in the area where it is most needed.
- Slots or holes for the fastener to pass through to allow for adjustments and tolerances in mating components when needed.
- With or without rubber cushion to protect the cable, pipe or element that is retained.



IFE-RC are NOT stock parts and appropriate lead times are required.

Design Questionnaire

Does the application require an "O" type retaining clamp that functions as more of a hanger?



Does the application require a "P" type retaining clamp?



Does the application require a "U" type clamp?



Does the application require an "S" type retaining clamp for a special shape?
Like color or compound?



- If it is round, what is the diameter of the cable, pipe or vessel that needs to be secured?
 - If the item has a different geometry can a sketch or math data be provided that shows the external shape and dimensions?
 - Does the application have vibration or does the item being secured need protection from the metal strap by using a rubber liner in the clamp?
 - For selection of the rubber material is EPDM acceptable? Platisol? Does the customer have a special requirement for the rubber material like color or
 - Is the application in a high volume assembly environment where ease of assembly or ergonomic issues must be considered?
 - Has the type of stud or screw that will secure the retaining clamp already been determined? If yes what type of fastener will be used?
 - Does the application require a special distance from the fastener to the center line of the element that is being retained?
 - What kind of corrosion resistance is required?
 - Will the application be subjected to aggressive chemicals? If so what specifically?
 - Does the customer have a salt spray resistance that they require?
- Specification: _____
- Hours to pass: _____
- What is the pass fail criteria? (for example less than 10% red rust or no red rust is permissible or part must still function and appearance is not important, etc.)
- What is the temperature for the application?
 - Estimated annual volume?

Due to our program of continuous improvement, specifications may be subject to change.

Speciality Products

IFE-TPC: Thumb Plate Clamps



IFE-TPC are for applications where end users need to be able to service a hose clamped joint in the field without access to screw driver or socket tools. The thumb plates for the IFE-TPC clamps are made with glass filled nylon so the clamps can be installed with production assembly tools (within torque and speed limits!). The thumb plate design is symmetrical so it is easy to use a special socket tool to install the clamp.

IFE-TPC are not standard products or stock items. We do produce a number of variations of IFE-TPC today but we work with the customer to design a thumb plate clamp to meet the customers application requirements. Clamps are made to order so appropriate lead time is required.



Features

- IFE-TPC can be fitted on IFE-AS American style (perforated band) in 1/2" bandwidth and IFE-GS German style clamps in 9 mm bandwidth .



IFE-AS
American-Style
Hose Clamp

IFE-GS
German-Style
Hose Clamp



- IFE-TPC can be fitted on clamps with zinc plated carbon steel or stainless steel components depending on corrosion resistance requirements.



- IFE can supply a special production tool so that IFE-TPC can be installed in high volume production environments.



Due to our program of continuous improvement, specifications may be subject to change.

Speciality Products

IFE-PEC: Performance Exhaust Clamp



IFE band clamps with barrel trunnions are engineered to provide reliable, uniform sealing for motorcycle and powersports exhaust systems. Built from premium 304 stainless steel with a 1" (25 mm) wide band, these clamps deliver excellent corrosion resistance, structural stability, and long-term performance in demanding on-road and off-road environments. The integrated barrel trunnion design ensures smooth load distribution, consistent clamp force, and easy installation in both production and service applications.

Key Benefits & Features

- **304 stainless steel band** provides superior corrosion resistance and durability
- **Barrel trunnion assembly** ensures smooth tightening and consistent load retention
- **Zinc-coated carbon steel hardware** offers strong mechanical performance and added corrosion protection
- **Socket head screw** supports precise torque application and easy tool access
- **Smooth, deburred band edges** prevent exhaust pipe marking or deformation
- **High resistance to vibration**, ideal for powersports and off-road applications



IFE Part Number	Clamp Range		Bolt
	(mm)	(in)	
12230828020030	28-30	1 1/8 - 1 3/16	M8x50
12230828020031	29-31	1 1/8 - 1 1/4	M8x50
12230828020033	30-33	1 3/16 - 1 5/16	M8x50
12230828020035	32-35	1 1/4 - 1 3/8	M8x50
12230828020037	34-37	1 5/16 - 1 7/16	M8x50
12230828020039	36-39	1 7/16 - 1 9/16	M8x50
12230828020041	38-41	1 1/2 - 1 5/8	M8x50
12230828020043	40-43	1 9/16 - 1 11/16	M8x50
12230828020046	43-46	1 11/16 - 1 13/16	M8x50
12230828020047	44-47	1 3/4 - 1 7/8	M8x55
12230828020051	48-51	1 7/8 - 2	M8x55
12230828020055	52-55	2 1/16 - 2 3/16	M8x55
12230828020059	56-59	2 3/16 - 2 5/16	M8x55
12230828020063	60-63	2 3/8 - 2 1/2	M8x55
12230828020067	64-67	2 1/2 - 2 5/8	M8x70
12230828020070	67-70	2 5/8 - 2 3/4	M8x70

IFE-PP: Hose Clamp Prepositioner

No-Adhesive Prepositioner

The IFE hose clamp prepositioner is an innovative hose clamp installation tool that eliminates the need for messy liquid adhesives. Designed for automotive hose assembly, industrial applications, and high-volume OEM production. It offers a faster, cleaner, and more precise way to install clamps on hoses and tubes.



Key Benefits & Features

- **Cost-saving solution:** Reduces material costs, energy consumption, and assembly labor time.
- **Precision alignment:** Dual window allows clamp closure access in the right location while the second window insures the clamp is perpendicular on the hose or tube.
- **Damage-free installation:** Designed to protect hoses with minimal impact on insertion force.
- **Serviceable design:** Clamps can be removed if future maintenance is needed.
- **Flexible supply options:** Parts available with pre-applied dry adhesive coating upon request.
- **Multi-clamp compatibility that works with:**



Worm Drive Clamps



Crimp/Ear Type Clamps



Spring Band Clamps

3-Step Hose Clamp Prepositioner Installation is Fast and Easy

1 Place the hose clamp in the prepositioner.



2 Slide the clamp and sleeve onto the hose or tube in the desired orientation.



3 Apply heat for about 5 seconds.



Due to our program of continuous improvement, specifications may be subject to change.

Speciality Products

IFE-CAP: Plastic Protection Caps for ½" or 12 mm bandwidth clamps



- Protects against cutting hand or arm when reaching into tight areas
- Easily slides over the tail after installation
- Protect other hoses and nearby objects from chafing and damage
- Black cap is stock product but other colors can be special ordered (Volume dependant)



Hose clamp is NOT included.



Black IFE-CAP

12mm Bandwith
IFE Part #122999999999991

10mm Bandwith
IFE Part #122888888888881

Red IFE-CAP

12mm Bandwith
IFE Part #122999999999992

10mm Bandwith
IFE Part #122888888888882

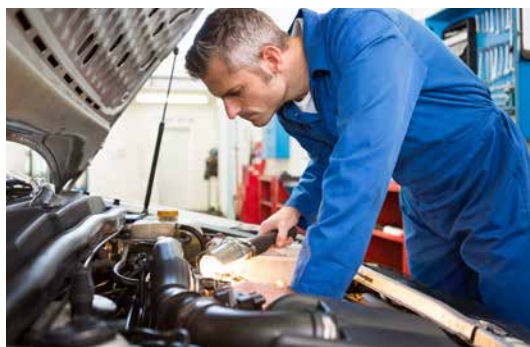
Blue IFE-CAP

12mm Bandwith
IFE Part #122999999999993

10mm Bandwith
IFE Part #122888888888883

Due to our program of continuous improvement, specifications may be subject to change.

IFE-FIT: Flexible Installation Tool



IFE-FIT professional hose clamp installation tool is flexible so that it can get to hard to reach places. The reversible two ended socket (supplied with each tool) can service the

two most commonly used hex head sizes for band clamps. Two versions are available one for American style clamps and another for European style clamps.

- For American style clamps IFE-AS, IFE-AS2 and IFE-AS2WS the reversible socket is 1/4" on one end and 5/16" on the other end
- The ergonomic handle design allows clamps to be installed easily with minimal effort
- For European style clamps IFE-MC, IFE-GS, IFE-SS the reversible socket is 6 mm on one end and 7 mm on the other end



- The flexible shaft is 7" long
- The 1/4"- 5/16" tool can be used on AS2WS, ASQR but it can NOT be used on TPC

Specifications		
IFE Part No.	IFE Description	Can be used with these IFE products
13123602000000	IFE-FIT 1/4"- 5/16"	IFE-AS, IFE-AS2 and IFE-AS2WS
13123603000000	IFE-FIT 6- 7 mm	IFE-MC, IFE-GS and IFE-SS

Due to our program of continuous improvement, specifications may be subject to change.

[Download Product Sheet PDF](#)



IFE-PAK: Pro Assortment Kit



IFE-PAKs are for professionals that do not have time to run to the store for every project that requires a hose clamp. Each IFE-PAK includes the following:

- A rugged carry case made of high strength material that will not rust
- The appropriate IFE-FIT flexible installation tool
- An assortment of clamps according to industry standards





IFE offers a wide variety of connecting, clamping, and protection products. We're here to help you find the perfect solution for your needs, whether it's on a budget or not. Our Regional Sales Reps are in strategic locations to help provide their expertise to recommend the perfect connector for you.



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