

progeral
clamp developers



PRODUCT CATALOG

METAL CLAMPS

www.progeral.com.br

progeral
clamp developers



OUR COMPANY

More than CLAMPS, we are specialized in fastening solutions. Our team is composed of specialists committed to solving our customers' connection requirements and offering high quality solutions for a reliable connection.

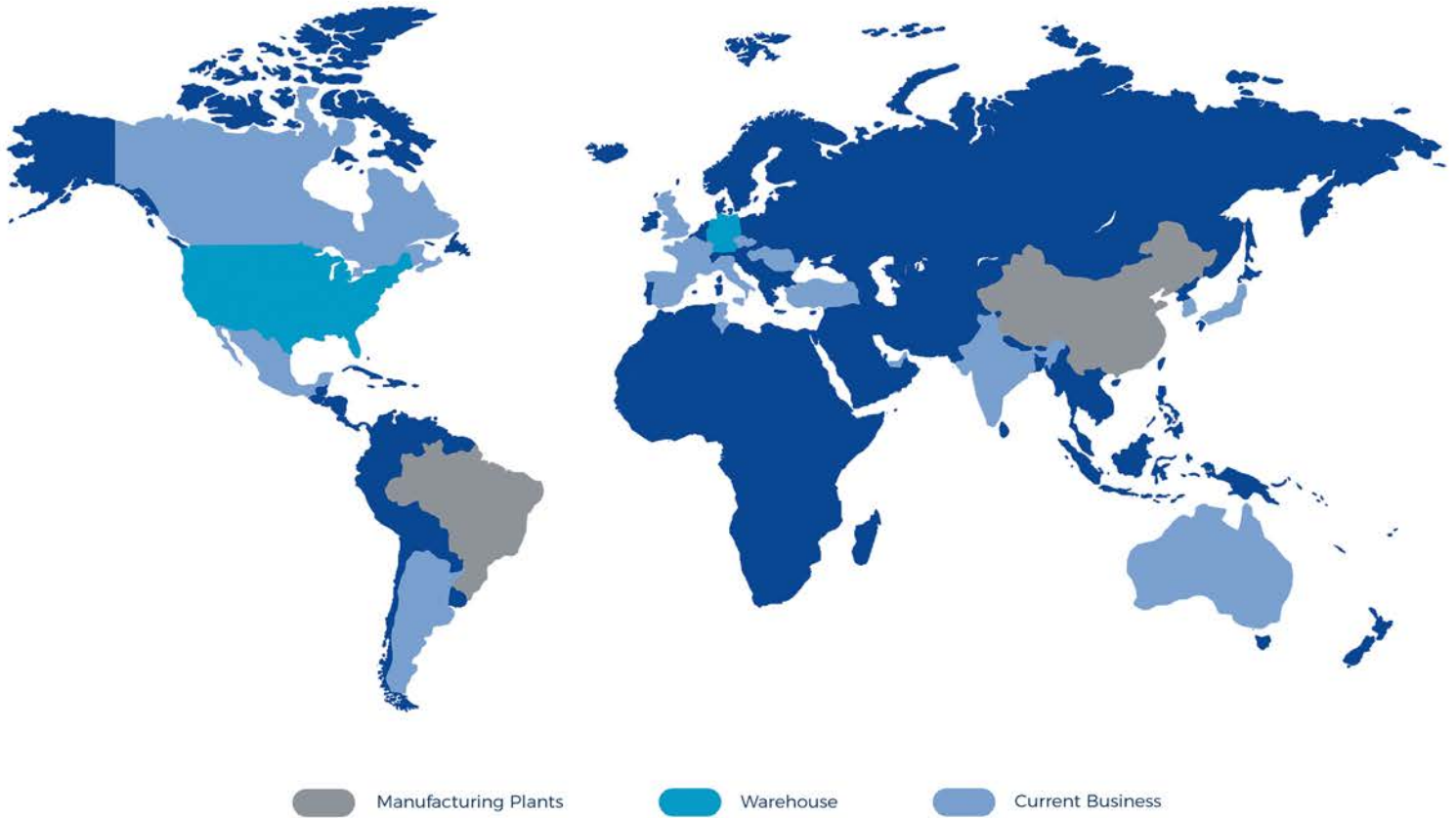
HISTORY

A 100% Brazilian company with 60 years, we operate in the world market producing millions of clamps per year and developed new technologies with respect for the environment. We are committed to the best corporate principles and sustainable development. With manufacturing plants located in Brazil and China, as well as bonded warehouses in North America and Europe, Progeral has a global reach focused on the customer.



www.progeral.com.br

GLOBAL ACTIVITIES



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SUMMARY

5	Worm Drive Clamp MR
5	Worm Drive Key CLamp
6	Worm Drive Clamp AR
7	Worm Drive Clamp BR
8	Worm Drive Clamp SX 9mm
8	Worm Drive Clamp SX 12mm
9	Ear Clamp
10	Crimpring
11	Spring Clamp Standard
12	Spring Clamp Space Saver
13	Spring Clamp Clipless
13	Spring Clamp MAO
14	Springring Clamp
15	MG 32 clamp
16	MG 20 clamp
17	Simple Retaining Clamp
18	Reinforcement retaining clamp
19	Deep-draw retaining clamp
19	Retaining clamp with locking device
20	Double diameter retaining clamp
20	Retaining clamp with nut
21	Double L retaining clamp
21	LS retaining clamp
22	Simplex
23	T-Bolt Standard Clamp
24	T-Bolt Bridge Clamp
25	T-Bolt Spring Clamp
26	V-Band Clamp
27	Manual Pliers
29	Pneumatic Pliers

WORM DRIVE CLAMP MR



Nominal Diameter	Ø Minimum (mm)	Ø Maximum (mm)	Ø Minimum (in)	Ø Maximum (in)
10	08	10	5/16"	3/8"
13	10	13	3/8"	1/2"
16	13	16	1/2"	5/8"
19	16	19	5/8"	3/4"
22	16	22	5/8"	7/8"
27	16	27	5/8"	1 1/16"

OTHERS SIZES AVAILABLE UPON REQUEST



TIGHTENING TORQUE: 2.0 + 0.5 Nm



SCREW: Slotted hex head 6mm



MATERIAL: Carbon Steel SAE 1010/1020



FINISHING: White electrolytic galvanized



BAND WIDTH: 9mm

WORM DRIVE KEY CLAMP

Nominal Diameter	Ø Minimum (mm)	Ø Maximum (mm)	Ø Minimum (in)	Ø Maximum (in)
10	08	10	5/16"	3/8"
13	10	13	3/8"	1/2"
16	10	16	3/8"	5/8"
19	13	19	1/2"	3/4"
22	16	22	5/8"	7/8"
27	16	27	5/8"	1 1/16"

OTHERS SIZES AVAILABLE UPON REQUEST



TIGHTENING TORQUE: 2.0 + 0.5 Nm



MATERIAL: Carbon Steel SAE 1010/1020



FINISHING: White electrolytic galvanized



BAND WIDTH: 9mm

WORM DRIVE CLAMP AR



Nominal Diameter	Ø minimum (mm)	Ø maximum (mm)	Ø minimum (in)	Ø maximum (in)
19	13	19	1/2"	3/4"
22	13	22	1/2"	7/8"
27	16	27	5/8"	1 1/16"
32	19	32	3/4"	1 1/4"
38	25	38	1"	1 1/2"
44	32	44	1 1/4"	1 3/4"
51	38	51	1 1/2"	2"
57	44	57	1 3/4"	2 1/4"
64	51	64	2"	2 1/2"
70	57	70	2 1/4"	2 3/4"
76	64	76	2 1/2"	3"
83	70	83	2 3/4"	3 1/4"
89	76	89	3"	3 1/2"
95	83	95	3 1/4"	3 3/4"
101	89	101	3 1/2"	4"
108	95	108	3 3/4"	4 1/4"
114	101	114	4"	4 1/2"
121	108	121	4 1/4"	4 3/4"
127	114	127	4 1/2"	5"
133	121	133	4 3/4"	5 1/4"
140	127	140	5"	5 1/2"
146	133	146	5 1/4"	5 3/4"
152	140	152	5 1/2"	6"
159	146	159	5 3/4"	6 1/4"
165	152	165	6"	6 1/2"
171	159	171	6 1/4"	6 3/4"
178	165	178	6 1/2"	7"
191	178	191	7"	7 1/2"
203	178	203	7"	8"
216	191	216	7 1/2"	8 1/2"
229	203	229	8"	9"
241	216	241	8 1/2"	9 1/2"
254	229	254	9"	10"
292	254	292	10"	11 1/2"

OTHERS SIZES AVAILABLE UPON REQUEST



TIGHTENING TORQUE: 2.5 + 0,5 Nm



SCREW: Slotted hex head 7mm



MATERIAL: Carbon Steel SAE 1010/1020



FINISHING: White electrolytic galvanized



BAND WIDTH: 9.5mm

WORM DRIVE CLAMP BR



Nominal Diameter	Ø minimum (mm)	Ø maximum (mm)	Ø minimum (in)	Ø maximum (in)
19	13	19	1/2"	3/4"
22	16	22	5/8"	7/8"
27	16	27	5/8"	1 1/16"
32	19	32	3/4"	1 1/4"
38	25	38	1"	1 1/2"
44	32	44	1 1/4"	1 3/4"
51	38	51	1 1/2"	2"
57	44	57	1 3/4"	2 1/4"
64	51	64	2"	2 1/2"
70	57	70	2 1/4"	2 3/4"
76	64	76	2 1/2"	3"
83	70	83	2 3/4"	3 1/4"
89	76	89	3"	3 1/2"
95	83	95	3 1/4"	3 3/4"
101	89	101	3 1/2"	4"
108	95	108	3 3/4"	4 1/4"
114	101	114	4"	4 1/2"
121	108	121	4 1/4"	4 3/4"
127	114	127	4 1/2"	5"
133	121	133	4 3/4"	5 1/4"
140	127	140	5"	5 1/2"
146	133	146	5 1/4"	5 3/4"
152	140	152	5 1/2"	6"
159	146	159	5 3/4"	6 1/4"
165	152	165	6"	6 1/2"
171	159	171	6 1/4"	6 3/4"
178	165	178	6 1/2"	7"
185	171	185	6 3/4"	7 1/4"
191	178	191	7"	7 1/2"
197	185	197	7 1/4"	7 3/4"
203	191	203	7 1/2"	8"
210	203	210	8"	8 1/4"
216	210	216	8 1/4"	8 1/2"
222	216	222	8 1/2"	8 3/4"
254	222	254	8 3/4"	10"
280	267	280	10 1/2"	11"

OTHERS SIZES AVAILABLE UPON REQUEST



TIGHTENING TORQUE: 3,5 + 0,5 Nm



SCREW: Slotted hex head 7mm



MATERIAL: Carbon Steel SAE 1010/1020



FINISHING: White electrolytic galvanized



BAND WIDTH: 13,5mm

WORM DRIVE CLAMP SX 9mm



Nominal Diameter	∅ minimum (mm)	∅ maximum (mm)	∅ minimum (in)	∅ maximum (in)	Tightening torque
16	10	16	3/8"	5/8"	2,5+0,5 Nm
20	12	20	1/2"	3/4"	
22	12	22	1/2"	7/8"	
27	16	27	5/8"	1 1/16"	
40	25	40	1"	1 5/8"	
45	30	45	1 3/16"	1 3/4"	
50	32	50	1 1/4"	2"	3,0+0,5 Nm
60	40	60	1 5/8"	2 3/8"	
70	50	70	2"	2 3/4"	
80	60	80	2 3/8"	3 1/8"	
90	70	90	2 3/4"	3 1/2"	
100	80	100	3 1/8"	4"	
110	90	110	3 1/2"	4 3/8"	
120	100	120	4"	4 3/4"	
130	110	130	4 3/8"	5 1/8"	
140	120	140	4 3/4"	5 1/2"	
150	130	150	5 1/8"	5 7/8"	
160	140	160	5 1/2"	6 1/4"	

OTHERS SIZES AVAILABLE UPON REQUEST



SCREW: Slotted hex head 6mm or 7mm



FINISHING: White electrolytic galvanized to Carbon Steel SAE 1010/1020



BAND WIDTH: 9mm

MATERIAL

W2	Stainless Steel band AISI 430	Stainless Steel housing AISI 430	Carbon Steel screw SAE 1010/1020
W3	Stainless Steel band AISI 430	Stainless Steel housing AISI 430	Stainless Steel screw AISI 430
W4	Stainless Steel band AISI 304	Stainless Steel housing AISI 304	Stainless Steel screw AISI 304

WORM DRIVE CLAMP SX 12mm

Nominal Diameter	∅ minimum (mm)	∅ maximum (mm)	∅ minimum (in)	∅ maximum (in)
27	16	27	5/8"	1 1/16"
32	20	32	3/4"	1 1/4"
40	25	40	1"	1 5/8"
45	30	45	1 3/16"	1 3/4"
50	32	50	1 1/4"	2"
60	40	60	1 5/8"	2 3/8"
70	50	70	2 3/4"	3 1/2"
80	60	80	2 3/8"	3 1/8"
90	70	90	2 3/4"	3 1/2"
100	80	110	3 1/8"	4"
110	90	110	3 1/2"	4 3/8"
120	100	120	4"	4 3/4"
130	110	130	4 3/8"	5 1/8"
140	120	140	4 3/4"	5 1/2"
150	130	150	5 1/8"	5 7/8"
160	140	160	5 1/2"	6 1/4"

OTHERS SIZES AVAILABLE UPON REQUEST



TIGHTENING TORQUE: 5.0 + 0.5 Nm



SCREW: Slotted hex head 6mm or 7mm



FINISHING: White electrolytic galvanized to Carbon Steel SAE 1010/1020



BAND WIDTH: 12mm

MATERIAL

W2	Stainless Steel band AISI 430	Stainless Steel housing AISI 430	Carbon Steel screw SAE 1010/1020
W3	Stainless Steel band AISI 430	Stainless Steel housing AISI 430	Stainless Steel screw AISI 430
W4	Stainless Steel band AISI 304	Stainless Steel housing AISI 304	Stainless Steel screw AISI 304

EAR CLAMP

AISI 304

Nominal Diameter	Minimum Diameter (mm)	Width (mm)	Thickness (mm)
7,0	5,8	5,0	0,5
8,0	6,8	5,0	0,5
8,7	7,0	5,0	0,5
9,0	7,3	5,0	0,5
9,5	7,8	5,0	0,5
10,0	8,3	5,0	0,5
10,5	8,8	5,0	0,5
10,9	9,2	5,0	0,5
11,3	9,6	5,0	0,5
11,8	10,1	5,0	0,5
11,9	9,4	7,0	0,6
12,3	9,8	7,0	0,6
12,8	10,3	7,0	0,6
13,3	10,8	7,0	0,6
13,8	11,3	7,0	0,6
14,0	11,5	7,0	0,6
14,5	12,0	7,0	0,6
14,8	12,3	7,0	0,6
15,3	12,8	7,0	0,6
15,7	13,2	7,0	0,6
16,2	13,7	7,0	0,6
16,6	14,1	7,0	0,6
17,0	14,5	7,0	0,6
17,5	15,0	7,0	0,6
18,0	14,8	7,0	0,6
18,5	15,3	7,0	0,6
19,2	16,0	7,0	0,6
19,8	16,6	7,0	0,6
21,0	17,8	7,0	0,6
21,0	17,8	10,0	0,8
22,6	19,4	7,0	0,6
24,1	20,9	7,0	0,6
25,6	22,4	7,0	0,6
27,1	23,9	7,0	0,6
28,0	24,8	10,0	0,8
28,5	25,3	10,0	0,8
28,6	25,4	7,0	0,6
30,1	26,9	7,0	0,6
31,6	28,4	7,0	0,6
33,1	29,9	7,0	0,6
33,7	30,5	10,0	0,8
34,5	31,3	10,0	0,8



35,4	32,2	10,0	0,8
37,6	34,4	7,0	0,6
42,5	39,3	10,0	0,8
42,5	39,3	7,0	0,6
45,5	42,3	7,0	0,6
52,0	48,8	10,0	0,8
53,0	49,8	7,0	0,6
58,5	55,3	7,0	0,6
61,3	58,1	7,0	0,6
62,5	59,3	9,0	0,6
66,5	63,3	7,0	0,6
80,0	76,8	10,0	1,0
87,0	83,8	10,0	1,0
87,7	84,5	10,0	1,0
90,5	87,3	7,0	0,6
90,6	87,4	10,0	1,0
93,9	90,7	10,0	1,0
97,9	94,7	10,0	1,0

OTHERS SIZES AVAILABLE UPON REQUEST

SAE 1010/1020

Nominal Diameter	Minimum Diameter (mm)	Width (mm)	Thickness (mm)
28,6	25,4	7,0	0,8
33,0	27,3	7,0	0,8
31,6	28,4	7,0	0,8
34,6	31,4	7,0	0,8
47,0	43,8	7,0	0,8
53,0	49,8	7,0	0,8
55,5	52,3	7,0	0,8
61,5	58,3	7,0	0,8
65,0	62,3	7,0	0,8
90,5	87,3	7,0	0,8

OTHERS SIZES AVAILABLE UPON REQUEST

CRIMPRING



Diameter	Maximum Reduction
16,0 - 19,0 mm	2,0 mm
19,5 - 30,0 mm	20%
30,5 - 40,0 mm	15%
40,5 - 50,0 mm	5,0 mm
50,5 - 80,0 mm	6,0 mm

OTHERS SIZES AVAILABLE UPON REQUEST



MATERIAL: ST37, 304L



THICKNESS: 0,80mm to 1,50mm



CORROSION RESISTANCE: ≥ 720 hours

- ✓ Maximum Durability.
- ✓ Excellent seal, no leaks.
- ✓ Efficient and reliable installation.

SPRING CLAMP STANDARD



WIDTH 10

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)
17,0	15,6	18,7

OTHERS SIZES AVAILABLE UPON REQUEST

WIDTH 15

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)
17,0	15,6	18,5
20,0	18,4	21,6
24,0	22,0	26,0
27,0	25,2	29,0
29,0	27,0	31,5
32,0	29,3	34,5
34,0	30,6	36,4
35,0	31,5	38,0
39,0	35,0	42,5
40,0	35,5	42,5
42,0	40,5	48,5
47,0	41,5	50,0
49,0	42,5	52,0
51,0	44,0	54,0
53,0	46,0	55,8
55,0	46,8	58,0
58,0	50,0	61,0
61,0	53,5	65,5

OTHERS SIZES AVAILABLE UPON REQUEST

T-Clip optional

WIDTH 12

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)
13,0	12,0	14,2
14,0	13,3	15,8
15,0	14,0	16,5
16,0	14,9	17,5
17,0	15,6	18,5
18,0	16,0	19,0
19,0	17,8	20,2
20,0	18,4	21,6
21,0	19,4	22,5
22,0	20,5	24,2
23,0	21,0	24,7
24,0	22,0	26,0
25,0	23,5	26,8
26,0	24,3	28,0
27,0	25,2	29,0
28,0	26,1	30,2
29,0	27,0	31,5
30,0	28,0	32,5
32,0	29,5	34,5
35,0	31,5	38,0
36,0	32,5	39,0
38,0	34,5	41,5
40,0	35,5	42,5
42,0	37,5	44,5
43,0	37,9	45,5
44,0	38,5	46,5
47,0	41,5	50,0
49,0	42,5	52,0
55,0	47,0	58,0
60,0	51,5	63,0
65,0	57,5	68,0
70,0	61,5	73,0
75,0	66,0	78,0
80,0	70,0	83,0
85,0	74,0	88,0

OTHERS SIZES AVAILABLE UPON REQUEST

Handy Clip and T-Clip optional



T-Clip



Handy Clip

 **MATERIAL:** Steel 51CrV4

 **SURFACE TREATMENT:** Organometallic coating

 **CORROSION RESISTANCE:** 720 hours

SPRING CLAMP SPACE SAVER



WIDTH 10

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)
27,0	25,2	29,0

OTHERS SIZES AVAILABLE UPON REQUEST

WIDTH 15

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)
42,0	37,5	44,5

OTHERS SIZES AVAILABLE UPON REQUEST

WIDTH 12

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)
14,0	13,3	15,8
14,5	13,3	15,3
15,0	14,0	16,5
16,0	14,9	17,5
17,0	15,6	18,5
18,0	16,0	19,0
19,0	17,8	20,2
21,0	19,4	22,5
22,0	20,5	24,2
23,0	21,0	24,7
24,0	22,0	26,0
25,0	23,5	26,3
26,0	24,3	28,0
27,0	25,2	29,0
29,0	27,0	31,5
30,0	28,0	32,5
32,0	29,5	34,5
36,0	32,5	39,0
38,0	34,5	41,5
40,0	35,5	42,5
41,0	36,3	43,5
42,0	37,5	44,5
44,0	38,5	46,5
47,0	41,4	50,0
49,0	42,5	51,4
51,0	44,0	54,0

OTHERS SIZES AVAILABLE UPON REQUEST

Handy Clip optional



MATERIAL: Steel 51CrV4



SURFACE TREATMENT: Organometallic coating



CORROSION RESISTANCE: 720 hours

SPRING CLAMP CLIPLESS



WIDTH 12

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter PO min. (mm)
14,0	13,6	15,3
16,0	14,9	17,0
23,0	21,2	24,2
25,0	23,5	26,3
26,0	24,3	27,5
27,0	25,2	28,5
28,0	26,1	29,7
32,0	29,3	34,0
40,0	35,5	42,0

OTHERS SIZES AVAILABLE UPON REQUEST

WIDTH 15

Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter PO min. (mm)
35,0	32,5	37,5
42,0	38,2	44,0

OTHERS SIZES AVAILABLE UPON REQUEST

-  **MATERIAL:** Steel 51CrV4
-  **SURFACE TREATMENT:** Organometallic coating
-  **CORROSION RESISTANCE:** 720 hours

SPRING CLAMP MAO



Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)	Width (mm)
11,0	9,8	11,6	8,0
14,0	13,3	15,8	12,0
21,0	19,05	22,86	9,5

OTHERS SIZES AVAILABLE UPON REQUEST

-  **MATERIAL:** Steel 51CrV4
-  **SURFACE TREATMENT:** Organometallic coating
-  **CORROSION RESISTANCE:** 720 hours

SPRINGRING CLAMP



Nominal Diameter	Supply Diameter D1 max. (mm)	Full Open Diameter D2 min. (mm)	Width (mm)
23,0	21,0	21,4	12,0
27,0	25,2	28,0	12,0

OTHERS SIZES AVAILABLE UPON REQUEST



-  **MATERIAL:** Steel 51CrV4
-  **SURFACE TREATMENT:** Organometallic coating
-  **CORROSION RESISTANCE:** 720 hours

MG 32 CLAMP



Nominal Diameter (in)	Diameter Range (mm)	Thickness (mm)
1 1/4"	29 x 32	1,5
1 1/2"	35 x 40	1,5
1 7/8"	39 x 47	1,5
2 1/4"	48 x 56	1,5
2 1/2"	54 x 62	2,0
2 3/4"	61 x 69	2,0
3"	67 x 75	2,0
3 1/4"	73 x 81	2,0
3 1/2"	79 x 87	2,0
3 3/4"	86 x 94	2,0
4"	92 x 100	2,0
4 1/4"	99 x 107	2,0
4 5/8"	105 x 117	2,0
4 7/8"	111 x 123	2,0
5 1/16"	117 x 129	2,0
5 1/2"	124 x 136	2,0
5 5/8"	130 x 142	2,0
5 7/8"	137 x 149	2,0
6 1/8"	143 x 155	2,0
6 3/8"	149 x 161	2,0
6 7/8"	162 x 174	2,0
7 1/2"	175 x 188	2,0
7 7/8"	187 x 199	2,0
8 3/8"	200 x 212	2,0
8 7/8"	213 x 225	2,0
9 1/4"	226 x 238	2,0
9 7/8"	238 x 250	2,0
10 3/8"	251 x 263	2,0
10 7/8"	264 x 276	2,0

OTHERS SIZES AVAILABLE UPON REQUEST

 **TIGHTENING TORQUE:** 15 Nm Carbon Steel | 30 Nm Stainless Steel

 **SCREW:** M12

 **MATERIAL:** Carbon Steel SAE 1006/1020 (W1) | Stainless Steel AISI 304 (W4)

 **FINISHING:** White galvanized for W1 material

 **BAND WIDTH:** 32mm

MG 20 CLAMP



Nominal Diameter (in)	Diameter Range (mm)	Thickness (mm)
3/4"	15 x 20	1,5
1"	20 x 25	1,5
1 1/4"	29 x 32	1,5
1 5/8"	35 x 40	1,5
1 7/8"	39 x 47	1,5
2 1/4"	48 x 56	1,5
2 1/2"	54 x 62	1,5
2 3/4"	61 x 69	1,5
3"	67 x 75	1,5
3 1/4"	73 x 81	1,5
3 1/2"	79 x 87	1,5
3 3/4"	86 x 94	1,5
4"	92 x 100	1,5
4 1/4"	99 x 107	1,5
4 5/8"	105 x 117	1,5
4 7/8"	111 x 123	1,5
5 1/16"	117 x 129	1,5
5 3/8"	124 x 136	1,5
5 5/8"	130 x 142	1,5
5 7/8"	137 x 149	1,5
6 1/8"	143 x 155	1,5
6 3/8"	149 x 161	1,5
6 7/8"	162 x 174	1,5

OTHERS SIZES AVAILABLE UPON REQUEST

 **TIGHTENING TORQUE:** 10Nm Carbon Steel | 15 Nm Stainless Steel

 **SCREW:** M8

 **MATERIAL:** Carbon Steel SAE 1006/1020 (W1) | Stainless Steel AISI 304 (W4)

 **FINISHING:** White galvanized for W1 material

 **BAND WIDTH:** 20mm

SIMPLE RETAINING CLAMP



Nominal Diameter (mm)	Width (mm)	Hole (mm)
6,0 a 76,0	12,7	7,0
	16,0	7,0 - 9,0 - 10,4
	20,0	8,4 - 12,0

OTHERS SIZES AVAILABLE UPON REQUEST



-  **MATERIAL:** Carbon Steel SAE 1010/1020 | EPDM Rubber (other materials upon request)
-  **FINISHING:** White electrolytic galvanized

REINFORCEMENT RETAINING CLAMP

with rubber



Nominal Diameter (mm)	Width (mm)	Hole (mm)
6,0 à 50,0	12,0	6,4
	15,0	6,4
	20,0	8,4

OTHERS SIZES AVAILABLE UPON REQUEST

without rubber



MATERIAL: Carbon Steel SAE 1010/1020 | Stainless Steel AISI 304 | Stainless Steel AISI 430 | EPDM Rubber (other materials upon request)

FINISHING: White electrolytic galvanized to Carbon Steel SAE 1010/1020

DEEP-DRAW RETAINING CLAMP



with rubber

Nominal Diameter (mm)	Width (mm)	Hole (mm)
6,4 à 50,8	12,7	6,8 - 7,0 - 9,0
	16,0	9,0 - 10,4

OTHERS SIZES AVAILABLE UPON REQUEST
WHITHOUT RUBBER UPON REQUEST

 **MATERIAL:** Carbon Steel SAE 1010/1020 | EPDM Rubber (other materials upon request)

 **FINISHING:** White electrolytic galvanized

RETAINING CLAMP WITH LOCKING DEVICE

with rubber



Nominal Diameter (mm)	Width (mm)	Hole (mm)
8,5 à 41,0	23,0	9,0

OTHERS SIZES AVAILABLE UPON REQUEST
WHITHOUT RUBBER UPON REQUEST

 **MATERIAL:** Carbon Steel SAE 1010/1020 | Stainless Steel AISI 304 | EPDM Rubber (other materials upon request)

 **FINISHING:** White electrolytic galvanized to Carbon Steel SAE 1010/1020

DOUBLE DIAMETER RETAINING CLAMP

Nominal Diameter (mm)	Width (mm)	Hole (mm)
6,0 à 41,2	12,7	7,0 - 9,0
	16,0	7,0 - 9,0 - 10,4
	20,0	8,4 - 12,0

OTHERS SIZES AVAILABLE UPON REQUEST
WITHOUT RUBBER UPON REQUEST



 **MATERIAL:** Carbon Steel SAE 1010/1020 | EPDM Rubber (other materials upon request)

 **FINISHING:** White electrolytic galvanized

RETAINING CLAMP WITH NUT



Nominal Diameter (mm)	Width (mm)	Hole (mm)
10,0	15,0	9,0

OTHERS SIZES AVAILABLE UPON REQUEST
WITHOUT RUBBER UPON REQUEST

 **MATERIAL:** Carbon Steel SAE 1010/1020 | EPDM Rubber (other materials upon request)

 **FINISHING:** White electrolytic galvanized

DOUBLE L RETAINING CLAMP

Diameter (mm)	Width (mm)	Hole (mm)
30,0	15,0	7,4

OTHERS SIZES AVAILABLE UPON REQUEST
WITH RUBBER UPON REQUEST



MATERIAL: Carbon Steel SAE 1010/1020 | Stainless Steel AISI 304 | EPDM Rubber (other materials upon request)

FINISHING: White electrolytic galvanized to Carbon Steel SAE 1010/1020

LS RETAINING CLAMP



Diameter (mm)	Width (mm)	Hole (mm)
11,6	19,0	6,6

OTHERS SIZES AVAILABLE UPON REQUEST
WITHOUT RUBBER UPON REQUEST

MATERIAL: Carbon Steel SAE 1010/1020 | Stainless Steel AISI 304
EPDM Rubber (other materials upon request)

FINISHING: White electrolytic galvanized to
Carbon Steel SAE 1010/1020

SIMPLEX



Nominal Diameter	Minimum Diameter (mm)	Maximum Diameter (mm)	Width (mm)
10,0	8	10	9,0
11,0	9	11	9,0
12,0	10	12	9,0
13,0	11	13	9,0
14,0	12	14	9,0
15,0	13	15	9,0
16,0	14	16	9,0
17,0	15	17	9,0

OTHERS SIZES AVAILABLE UPON REQUEST



TIGHTENING TORQUE: 1,2 Nm



MATERIAL: Carbon Steel SAE 1010/1020



SCREW: PHILIPS M4



FINISHING: White electrolytic galvanized

THE SIMPLEX CLAMPS, DUE TO THEIR SIMPLE AND EFFICIENT DESIGN ARE SUITABLE FOR USE IN LOW PRESSURE LOCATIONS.

T-BOLT STANDARD CLAMP



Nominal Diameter (mm)	Ø Minimum (mm)	Ø Maximum (mm)
30,0	24	30
34,0	28	34
38,0	32	38
42,0	36	42
46,0	40	46
50,0	44	50
54,0	48	54
58,0	52	58
65,0	57	65
71,0	63	71
77,0	68	77
83,0	74	83
89,0	80	89
95,0	86	95
101,0	92	101
108,0	96	108
116,0	104	116
124,0	112	124
132,0	120	132
140,0	128	140

OTHERS SIZES AVAILABLE UPON REQUEST

Material	Band	Screw
W1	Carbon Steel SAE 1010/1020	Carbon Steel SAE 1010/1020
W2	Stainlees Steel AISI 430	Carbon Steel SAE 1010/1020
W4	Stainlees Steel AISI 304	Stainless Steel AISI 304

 **TIGHTENING TORQUE:** 10 Nm Carbon Steel | 15 Nm Stainless Steel

 **SCREW:** 1/4"

 **BAND THICKNESS:** 0.8mm

 **BAND WIDTH:** 20mm

T-BOLT BRIDGE CLAMP



Nominal Diameter (mm)	Ø Minimum (mm)	Ø Maximum (mm)
50,0	44	50
54,0	48	54
58,0	52	58
65,0	57	65
71,0	63	71
74,0	65	74
77,0	68	77
83,0	74	83
89,0	80	89
90,0	81	90
92,0	83	92
95,0	86	95
101,0	92	101
108,0	96	108
113,0	102	113
116,0	104	116
120,0	108	120
140,0	128	140
156,0	144	156

OTHERS SIZES AVAILABLE UPON REQUEST

Material	Band	Screw
W1	Carbon Steel SAE 1010/1020	Carbon Steel SAE 1010/1020
W2	Stainless Steel AISI 430	Carbon Steel SAE 1010/1020
W4	Stainless Steel AISI 304	Stainless Steel AISI 304



TIGHTENING TORQUE: 10 Nm Carbon Steel | 15 Nm Stainless Steel



SCREW: 1/4"



BAND THICKNESS: 1,0 mm



BAND WIDTH: 17,7 mm

T-BOLT SPRING CLAMP



Nominal Diameter (mm)	Ø Minimum (mm)	Ø Maximum (mm)
58,0	52	58
64,0	58	64
70,0	64	74
74,0	68	74
80,0	74	80
83,0	77	83
86,0	80	86
89,0	83	89
92,0	83	92
97,0	88	97
98,0	89	98
102,0	96	102
110,0	101	110
115,0	105	115
117,0	108	117
120,0	111	120
122,0	116	122
127,0	118	127
138,0	130	138
140,0	131	140
147,0	138	147
150,0	141	150
152,0	140	152
160,0	151	160
162,0	153	162
170,0	161	170
192,0	183	192

OTHERS SIZES AVAILABLE UPON REQUEST



TIGHTENING TORQUE: 10 Nm Carbon Steel | 15 Nm Stainless Steel



SCREW: 1/4" Stainless Steel



MATERIAL: Stainless Steel Band AISI 304 | Carbon Steel Spring SAE 1010/1020



BAND THICKNESS: 1,0mm



BAND WIDTH: 17,7mm

V-BAND CLAMP



-  **TIGHTENING TORQUE:** 12 Nm | Screw M8 | 5/16"
-  **TIGHTENING TORQUE:** 10 Nm | Screw M6 | 1/4"
-  **MATERIAL:** Stainless Steel AISI 304 (W4)

Nominal Diameter (mm)	Width (mm)	Thickness (mm)	Screw
70,4	20,0	0,8	M6
72,0	17,0	1,5	M6
76,2	17,7	1,0	1/4
81,5	17,7	1,0	1/4
81,8	21,0	1,2	M8
94,5	21,0	2,0	M8
103,0	21,0	1,5	M8
104,0	21,0	2,0	M8
105,0	20,0	0,8	1/4
106,4	21,0	2,0	M8
108,0	21,0	2,0	M8
112,0	17,0	1,5	1/4
114,0	17,0	1,5	1/4
117,0	17,0	1,5	1/4
142,0	17,0	1,5	1/4
243,0	17,0	1,5	1/4

OTHERS SIZES AVAILABLE UPON REQUEST

V-BAND CLAMP QUICK CONNECT

Nominal Diameter (mm)	Width (mm)	Thickness (mm)	Screw
59,0	20,0	0,8	M6
59,0	23,0	1,5	M8
83,0	25,0	1,5	M8
83,5	25,0	1,5	M8
97,0	25,0	1,0	M8
101,5	23,0	1,5	M8
110,0	25,0	1,0	M8
119,6	25,4	1,5	M8
135,0	25,0	1,0	M8
135,2	25,0	1,2	M8
146,0	25,0	1,5	M8
153,0	25,0	1,5	M8
165,0	25,0	1,0	M8

OTHERS SIZES AVAILABLE UPON REQUEST



-  **TIGHTENING TORQUE:** 12 Nm | Screw M8
-  **TIGHTENING TORQUE:** 10 Nm | Screw M6
-  **MATERIAL:** Stainless Steel AISI 304 (W4)

MANUAL PLIERS SPRING CLAMP STANDARD

[P0124 | LENGHT 190mm]



[P0002 - 12mm | LENGHT 280mm]

[P0003 - 15mm | LENGHT 280mm]

MANUAL PLIERS WHIT EXTENSION SPRING CLAMP STANDARD [P0059]

[LENGHT 630mm]



MANUAL PLIERS SPRING CLAMP MAO [P0001]



[LENGTH 190mm]

MANUAL PLIERS SPRING CLAMP SPACE SAVER [P0078]



[LENGTH 280mm]

MANUAL PLIERS EAR CLAMP [P0083]



[LENGTH 235mm]

PNEUMATIC PLIERS

Pneumatic pliers for Ear Clamp



	P0223	P0223.1	P0301
width	7mm	5mm	10mm

Pneumatic pliers for Spring Clamp

P0055 recommended for DN < 60

P0056 recommended for DN > 60



Top Opening

Pneumatic pliers for Spring Clamp



Side Opening

P0054
Recommended for DN < 60

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