



TRIDON ▶

Product Catalog



***Trust the Clamp
Professionals***

Automotive • Hardware • Industrial • Marine • M.R.O. • O.E.M. • Plumbing



For Quality, Service & Selection, Trust the Clamp Professionals

Founded in 1913, IDEAL, A Tomkins Company, is the largest and most-trusted clamp manufacturer in North America, and is expanding their Aftermarket and OE clamp business around the globe. As the leading clamp designer and manufacturer, we at IDEAL invite you to explore our IDEAL® and TRIDON® clamps catalog for automotive, industrial, hardware, plumbing, marine, heavy equipment and specialty hose clamps.

We are headquartered in St. Augustine, Florida, with manufacturing operations in St. Augustine, Florida; Smyrna, Tennessee; Matamoros, Mexico; and Suzhou, China. Together, our facilities manufacture worm drive hose clamps, high-torque clamps, constant tension clamps, T-Bolts, V-Inserts, no-hub couplings, and a host of specialty and custom clamp products. We provide superior quality clamping and sealing products, selling to an ever-growing list of distributors, warehouses, retailers, M.R.O. and O.E. businesses.

Our products and services promote engineering ingenuity, market driving initiatives, and a commitment to excellence. Customers benefit from our:

- Wide selection of bands, screws, housings and special features
- Design, engineering and manufacturing expertise
- Material and metallurgical science specialists
- Automated assembly processes
- Advanced screw manufacturing technology
- High-speed stamping
- Sensors and visual control systems
- Attractive and marketable packaging
- Established distribution channels
- Testing and analysis
- Performance and specifications documentation
- Inventory control options

Quality & Engineering

Our commitment to superior quality, environmental responsibility, and process integrity has allowed us to earn and maintain facility certifications for ISO 9001 and 14001, as well as TS16949.

Our facilities use only the finest quality AISI-certified steel and best manufacturing practices for clamp products you can trust.

We operate using the latest manufacturing equipment and facilities, from networked manufacturing complexes to advanced laboratory analysis. Our diversified team of engineers and operators are equipped with the most sophisticated testing labs and machine-tuning capabilities. We test and certify our clamp performance to stringent industry standards and real-life conditions resulting in the ultimate product satisfaction.

Our labs and technicians perform temperature tests, salt spray tests, band load and tension tests, calibration tests, and often develop custom procedures to fit customer requirements. We can develop custom designs for any application, from band notching and slotting to special finishes and screw head designs. Using 3-D modeling that includes stress and finite elemental analysis, we can help determine the best materials and configuration for your application.

Partnership

Let us help you create a clamp mix for your distribution or supply your next order for a production line. We can connect you with our sales representatives, and welcome you to partner with us as you plan your next clamp program.

Both IDEAL® and TRIDON® brands offer:

- Excellent customer service
- Experienced industry engineering talent
- A broad range of high quality clamp products

Our collaborative techniques set global standards and reflect excellence in everything we do. Whether you need a standardized product or specialized attention, we have the team, the facilities and the knowledge to deliver. For Quality, Service and Selection, Trust the Clamp Professionals.

Stay current on our services and product offerings at www.idealclamps.com.

IDEAL® and TRIDON® clamp brands are registered trademarks of IDEAL, A Tomkins Company. IDEAL is parented by Tomkins, plc.

Headquartered in London, Tomkins is a world-class global engineering and manufacturing group with market and technical leadership across two businesses: Industrial & Automotive and Building Products. Its products are sold into a wide variety of end-markets. Tomkins ordinary shares are listed on the London Stock Exchange under the symbol TOMK, and also trade in ADR form on the New York Stock Exchange under the symbol TKS. For further information, go to www.tomkins.co.uk.

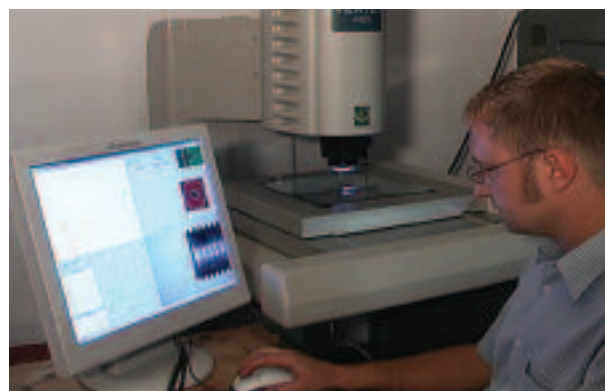
Geographical Markets:

- | | |
|-------------------|---------------------------|
| • U.S.A./Canada | • Europe |
| • Mexico | • Asia |
| • Central America | • Africa |
| • South America | • Australia & New Zealand |

Industry Markets:

- | | |
|---|-------------------------|
| • General Aftermarket & Replacement | • Marine |
| • OEM: Original Equipment Manufacturing | • Hardware |
| • Automotive | • Plumbing |
| • Heavy Equipment | • Government & Military |
| • Industrial | • Truck & Engine |
| • Food Processing and Sanitation | • Telecommunications |

For more about the markets we serve, visit us at: www.idealclamps.com.





**50/150
Series**



**68
Series**



**64
Series**



**63/225
Series**



**63-4
Series**

Hy-Gear® 9/16" Worm Drive Clamps

Full-size industry-standard worm drive 9/16" band clamps have a wide range of applications, from simple home and auto repair to heavy industrial uses. The bands have clean punched rectangular perforations that hold strong and connect easily.

Ideal® 50 Series / Tridon® 150 Series

Stainless Steel and Plated Parts.
Screw: 5/16" hex-head, plated carbon steel.
Band: 9/16" band width, 201/301 stainless steel.
Housing: 201/301 stainless steel.

Ideal® 68 Series

All Stainless Steel Parts, specially suited for industrial applications.
Screw: 5/16" hex slotted. 410 stainless steel.
Band: 9/16" band width. 201/301 stainless steel.
Housing: 201/301 stainless steel.

Ideal® 64 Series

All Stainless Steel Parts, specially suited for industrial applications.
Screw: 3/8" hex slotted. 410 stainless steel.
Band: 9/16" band width. 201/301 stainless steel.
Housing: 201/301 stainless steel.

Ideal® 63 Series/Tridon® 225 Series

All Hi-Nickel Alloy Stainless Steel Parts for better corrosion resistance.
Screw: 5/16" hex slotted. 305 stainless steel.
Band: 9/16" band width. 201/301 stainless steel.
Housing: 201/301 stainless steel, with UPC shield.

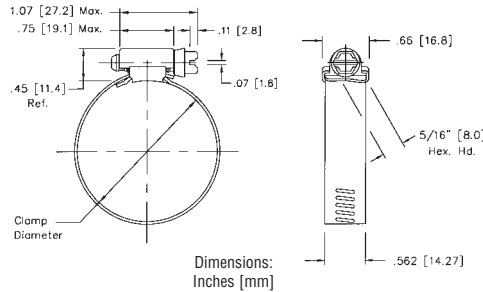


Ideal® 63-4 Series

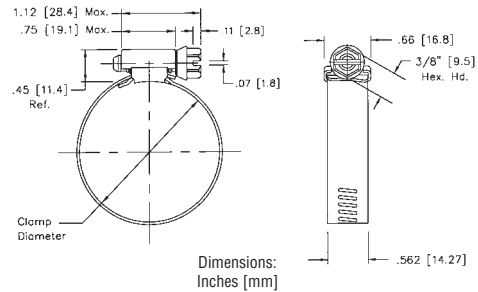
All 300 Series Marine Stainless Steel Parts for better corrosion resistance.
Screw: 5/16" hex slotted. 305 stainless steel.
Band: 9/16" band width. 301 stainless steel.
Housing: 300 stainless steel, with UPC shield.



5/16" Hex Head



3/8" Hex Head



FULL SIZE CLAMPS											CLAMPING RANGE					
SAE Sizes	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Min.Dia. (in.)	Max.Dia. (in.)	Min.Dia. (mm)	Max.Dia. (mm)	Hose I.D. Min. (in.)	Hose I.D. Max. (in.)
	50	150	68	N/A	64	N/A	63	225	63-4	N/A						
6	5006	—	6806	—	6406	—	6306	—	—	—	3/8	7/8	10	22	5/16	3/8
8	5008	—	6808	—	6408	—	6308	—	—	—	7/16	1	11	25	5/16	1/2
10	5010	150-010	6810	—	6410	—	6310	225-010	63004-0010	—	1/2	1 1/16	13	27	3/8	5/8
12	5012	150-012	6812	—	6412	—	6312	225-012	63004-0012	—	1/2	1 1/4	13	32	3/8	3/4
16	5016	150-016	6816	—	6416	—	6316	225-016	63004-0016	—	11/16	1 1/2	18	38	3/4	7/8
20	5020	150-020	6820	—	6420	—	6320	225-020	63004-0020	—	3/4	1 3/4	19	44	3/4	1 1/8
24	5024	150-024	6824	—	6424	—	6324	225-024	63004-0024	—	1	2	25	51	7/8	1 3/8
28	5028	150-028	6828	—	6428	—	6328	225-028	63004-0028	—	1 1/4	2 1/4	32	57	1 1/4	1 5/8
32	5032	150-032	6832	—	6432	—	6332	225-032	63004-0032	—	1 1/2	2 1/2	38	63	1 1/2	1 7/8
36	5036	150-036	6836	—	6436	—	6336	225-036	63004-0036	—	1 3/4	2 3/4	44	70	1 3/4	2
40	5040	150-040	6840	—	6440	—	6340	225-040	63004-0040	—	2	3	51	76	2	2 1/4
44	5044	150-044	6844	—	6444	—	6344	225-044	63004-0044	—	2 1/4	3 1/4	57	82	2 1/4	2 1/2
48	5048	150-048	6848	—	6448	—	6348	225-048	63004-0048	—	2 1/2	3 1/2	64	89	2 1/4	2 3/4
52	5052	150-052	6852	—	6452	—	6352	225-052	63004-0052	—	2 3/4	3 3/4	70	95	2 3/4	3
56	5056	150-056	6856	—	6456	—	6356	225-056	63004-0056	—	3	4	76	101	3	3 1/2
60	5060	150-060	6860	—	6460	—	6360	225-060	63004-0060	—	3 1/4	4 1/4	83	108	3 1/4	3 3/4
64	5064	150-064	6864	—	6464	—	6364	225-064	63004-0064	—	2 1/2	4 1/2	64	114	2 1/2	4
72	5072	150-072	6872	—	6472	—	6372	225-072	63004-0072	—	3	5	76	127	3	4 1/2
80	5080	150-080	6880	—	6480	—	6380	225-080	63004-0080	—	3 1/2	5 1/2	89	140	3 1/2	5
88	5088	150-088	6888	—	6488	—	6388	225-088	63004-0088	—	4	6	102	152	4	5 1/2
96	5096	150-096	6896	—	6496	—	6396	225-096	63004-0096	—	4 1/2	6 1/2	114	165	4 1/2	6
104	50104	150-104	68104	—	64104	—	63104	225-104	63004-0104	—	5	7	127	178	5	6 1/2
116	—	—	68116	—	—	—	63116	225-116	63004-0116	—	5 3/4	7 3/4	146	197	5 1/2	7
128	—	—	—	—	—	—	63128	225-128	63004-0128	—	2 1/2	8 1/2	64	216	3	7 1/2
140	—	—	—	—	—	—	63140	—	63004-0140	—	7 1/4	9 1/4	184	235	7 1/2	8 1/2
152	—	—	—	—	—	—	63152	225-152	63004-0152	—	8	10	51	254	2 1/2	9 1/2
164	—	—	—	—	—	—	63164	—	63004-0164	—	2	10 3/4	51	273	2 1/2	10
176	—	—	—	—	—	—	63176	—	63004-0176	—	9 1/2	11 1/2	241	292	10	11
188	—	—	—	—	—	—	63188	225-188	63004-0188	—	10 1/4	12 1/4	51	311	2 1/2	11 1/2
208	—	—	—	—	—	—	63208	—	63004-0208	—	11 1/2	13 1/2	292	343	12	13
224	—	—	—	—	—	—	63224	—	63004-0224	—	12 1/2	14 1/2	318	368	13	14
236	—	—	—	—	—	—	63236	—	63004-0236	—	13 1/4	15 1/4	337	387	13 1/2	14 1/2
248	—	—	—	—	—	—	63248	—	63004-0248	—	2	16	51	406	2 1/2	15 1/2

Additional sizes available upon request.

N/A - Not Available



**57/611
Series**



**67-1/625
Series**



**67-5/620
Series**



**67-4/620P
Series**

1/2" Worm Drive Clamps

Standard worm drive band clamps are suitable for most common home and automotive repairs. The bands have clean punched rectangular perforations that hold strong and connect easily.

Ideal® 57 Series / Tridon® 611 Series

Stainless Steel and Plated Parts.
Screw: 5/16" hex slotted, plated carbon steel.
Band: 1/2" band width, 201/301 stainless steel.
Housing: 201/301 stainless steel.

Ideal® 67-1 Series / Tridon® 625 Series

All Stainless Steel Parts.
Screw: 5/16" hex slotted, 410 stainless steel (Ideal), 305 stainless steel (Tridon).
Band: 1/2" band width, 201/301 stainless steel.
Housing: 201/301 stainless steel.
HSS Automotive Series.

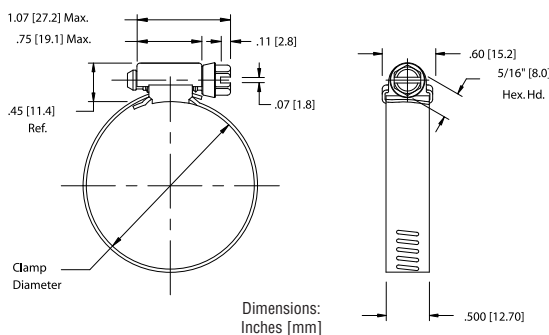
Ideal® 67-5 Series / Tridon® 620 Series

All High-Nickel Grade Stainless Steel.
Screw: 5/16" hex slotted, 305 stainless steel.
Band: 1/2" band width, 201/301 stainless steel.
Housing: 201/301 stainless steel with UPC shield.



Ideal® 67-4 Series / Tridon® 620P Series

All 300 Series Marine Grade Stainless Steel.
Screw: 5/16" hex slotted, 305 stainless steel.
Band: 1/2" band width, 300 stainless steel.
Housing: 300 stainless steel with UPC shield.



Ideal® 67-6 Series / Tridon® 665 Series

All 316 Series Marine Grade Stainless Steel Parts.
Screw: 5/16" hex slotted, 316 stainless steel.
Band: 1/2" band width, 316 stainless steel.
Housing: 316 stainless steel.



67-6/665 Series



1/2" BAND CLAMPS											CLAMPING RANGE					
SAE Sizes	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Min. Dia. (in.)	Max. Dia. (in.)	Min. Dia. (mm)	Max. Dia. (mm)	Hose I.D. Min. (in.)	Hose I.D. Max. (in.)
	57	611	67-1	625	67-5	620	67-4	620P	67-6	665						
6	5706	611-006	6706-1	625-006	6706-5	620-006	67004-0006	620-P06	6706-6*	665-006*	3/8	7/8	10	22	5/16	3/8
8	5708	611-008	6708-1	625-008	6708-5	620-008	67004-0008	620-P08	6708-6*	665-008*	7/16	1	11	25	5/16	1/2
10	5710	611-010	6710-1	625-010	6710-5	620-010	67004-0010	620-P010	6710-6*	665-010*	1/2	1 1/16	13	27	3/8	5/8
12	5712	611-012	6712-1	625-012	6712-5	620-012	67004-0012	620-P012	6712-6*	665-012*	1/2	1 1/4	13	32	3/8	3/4
16	5716	611-016	6716-1	625-016	6716-5	620-016	67004-0016	620-P016	6716-6*	665-016*	11/16	1 1/2	18	38	3/4	7/8
20	5720	611-020	6720-1	625-020	6720-5	620-020	67004-0020	620-P020	6720-6*	665-020*	3/4	1 3/4	19	44	3/4	1 1/8
24	5724	611-024	6724-1	625-024	6724-5	620-024	67004-0024	620-P024	6724-6*	665-024*	1	2	25	51	7/8	1 3/8
28	5728	611-028	6728-1	625-028	6728-5	620-028	67004-0028	620-P028	6728-6*	665-028*	1 1/4	2 1/4	32	57	1 1/4	1 5/8
32	5732	611-032	6732-1	625-032	6732-5	620-032	67004-0032	620-P032	6732-6*	665-032*	1 1/2	2 1/2	38	63	1 1/2	1 7/8
36	5736	611-036	6736-1	625-036	6736-5	620-036	67004-0036	620-P036	6736-6*	665-036*	1 3/4	2 3/4	44	70	1 3/4	2
40	5740	611-040	6740-1	625-040	6740-5	620-040	67004-0040	620-P040	6740-6*	665-040*	2	3	51	76	2	2 1/4
44	5744	611-044	6744-1	625-044	6744-5	620-044	67004-0044	620-P044	6744-6*	665-044*	2 1/4	3 1/4	57	82	2 1/4	2 1/2
48	5748	611-048	6748-1	625-048	6748-5	620-048	67004-0048	620-P048	6748-6*	665-048*	2 1/2	3 1/2	64	89	2 1/2	2 3/4
52	5752	611-052	6752-1	625-052	6752-5	620-052	67004-0052	620-P052	6752-6*	665-052*	2 3/4	3 3/4	70	95	2 3/4	3
56	5756	611-056	6756-1	625-056	6756-5	620-056	67004-0056	620-P056	6756-6*	665-056*	3	4	76	101	3	3 1/2
60	5760	611-060	6760-1	625-060	6760-5	620-060	67004-0060	620-P060	—	665-060*	3 1/4	4 1/4	83	108	3 1/4	3 1/2
64	5764	611-064	6764-1	625-064	6764-5	620-064	67004-0064	620-P064	6764-6*	665-064*	2 1/2	4 1/2	64	114	2 1/2	4
72	5772	611-072	6772-1	625-072	6772-5	620-072	67004-0072	620-P072	6772-6*	665-072*	3	5	76	127	3	4 1/2
80	5780	611-080	6780-1	625-080	6780-5	620-080	67004-0080	620-P080	6780-6*	665-080*	3 1/2	5 1/2	89	140	3 1/2	5
88	5788	611-088	6788-1	625-088	6788-5	620-088	67004-0088	620-P088	6788-6*	665-088*	4	6	102	152	4	5 1/2
96	5796	611-096	6796-1	625-096	6796-5	620-096	67004-0096	620-P096	6796-6*	665-096*	4 1/2	6 1/2	114	165	4 1/2	6
104	57104	611-104	67104-1	625-104	67104-5	620-104	67004-0104	620-P104	67104-6*	665-104*	5	7	127	178	5	6 1/2

Additional sizes available upon request. *Lead times vary.



**62P / 325
Series**



**350
Series**



**62M / 345
Series**



**62J / 359
Series**

Miniature Micro-Gear® Clamps

Micro-Gear® clamps are tiny, tough and precision engineered for use in such small hose applications as emission control, fuel lines and vacuum hoses. Their slim, 5/16" band and low profile housing make them easy to install in confined areas.

Ideal® 62P Series / Tridon® 325 Series

Screw: 1/4" hex-head, plated carbon steel.
Band: 5/16" band width, 201/301 stainless steel.
Housing: Low profile, 201/301 stainless steel.

Tridon® 350 Series

Screw: 1/4" hex-head, 410 plated steel.
Band: 5/16" band width, 201/301 stainless steel.
Housing: Low profile, 201/301 stainless steel.
MAH Automotive Series.

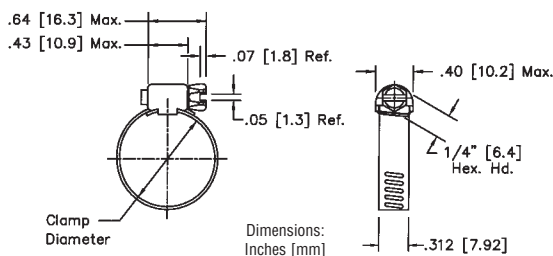
Ideal® 62M Series / Tridon® 345 Series

Screw: 1/4" hex slotted, 300 stainless steel.
Band: 5/16" band width, 300 stainless steel.
Housing: Low profile, 300 stainless steel.

Ideal® 62J Series / Tridon® 359 Series

Screw: 1/4" hex slotted, 316 stainless steel.
Band: 5/16" band width, 316 stainless steel.
Housing: Low profile, 316 stainless steel.

316
STAINLESS STEEL



Miniature Micro-Gear® Clamps

MICRO-GEAR CLAMPS									CLAMPING RANGE					
SAE Sizes	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Min. Dia. (in.)	Max. Dia. (in.)	Min. Dia. (mm)	Max. Dia. (mm)	Hose I.D. Min. (in.)	Hose I.D. Max. (in.)
	62P	325	N/A	350	62M	345	62J	359						
04	6204 ⁽¹⁾	325-004	—	350-004	62604 ⁽³⁾	345-004	62J04	359-004*	1/4	5/8	6	16	1/8	5/16
05	62P05	325-005	—	350-005	62M05	345-005	—	—	7/16	11/16	7	17	1/8	3/8
06	6206 ⁽²⁾	325-006	—	350-006	62606	345-006	62J06	359-006*	5/16	7/8	8	22	1/4	7/16
08	62P08	325-008	—	350-008	62M08	345-008	62J08	—	3/8	1	10	25	5/16	1/2
10	62P10	325-010	—	350-010	62M10	345-010	62J10	—	3/8	1 1/16	10	27	5/16	5/8
12	62P12	325-012	—	350-012	62M12	345-012	—	—	1/2	1 1/4	13	32	5/8	3/4
16	62P16	325-016	—	350-016	62M16	345-016	—	—	1/2	1 1/2	13	38	5/8	1
20	62P20	325-020	—	350-020	62M20	345-020	—	—	3/4	1 3/4	19	44	1	1 1/4
24	62P24	325-024	—	350-024	62M24	345-024	—	—	1	2	26	51	1 1/4	1 1/2
28	62P28	325-028	—	350-028	62M28	345-028	—	—	1 1/4	2 1/4	32	57	1 1/2	1 3/4
30	62P30	325-030	—	350-030	62M30	345-030	—	—	1 3/8	2 3/8	35	60	1 5/8	1 7/8
32	62P32	325-032	—	350-032	62M32	345-032	—	—	1 1/2	2 1/2	38	63	1 3/4	2
36	62P36	325-036	—	350-036	62M36	345-036	—	—	1 3/4	2 3/4	45	70	2	2 1/4
44	62P44	325-044	—	350-044	62M44	345-044	—	—	2 1/4	3 1/4	57	82	2 1/4	2 3/4
48	62P48	325-048	—	350-048	62M48	345-048	—	—	2 1/2	3 1/2	64	89	2 1/2	3

(1) Old part no. 6202 (2) Old part no. 6203 (3) Old part no. 62602 * Lead times vary Additional sizes available upon request.

N/A - Not Available

Fuel Injection Clamps

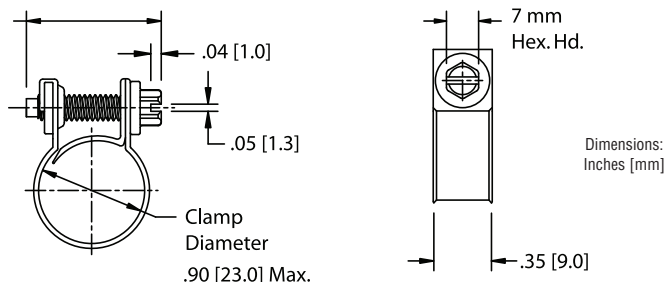
Fuel injection clamps are designed to provide the uniform sealing pressure required on fuel injection hoses. They feature a solid band with rolled edges and a special nut and bolt design.

Ideal® 52F Series / Tridon® Automotive F.I. 905 Series

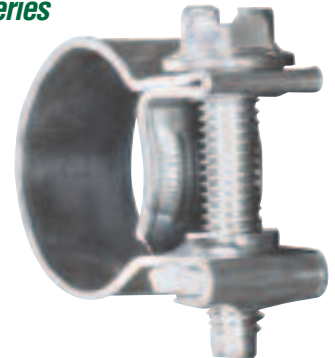
Screw: 7mm hex slotted, clear zinc-plated carbon steel.

Band: 9mm band width, clear zinc-plated carbon steel.

SIZE			CLAMPING RANGE				
SAE Sizes	Ideal Part No.	Tridon Part No.	Min. Dia. (mm)	Max. Dia. (mm)	Min. Dia. (in.)	Max. Dia. (in.)	Hose I.D.
4	52F13	905-004	11	13	7/16	1/2	1/4
6	52F15	905-006	13	15	1/2	9/16	5/16
8	52F16	905-008	14	16	9/16	5/8	3/8



52F / 905 Series



Non-Perforated Worm Drive Clamps

IDEAL Series	TRIDON Series	Band Width	Material Composition	Screw Size and Description
53402	142	12 mm Band Width	W2	7 mm screw hex-head combo slotted
53403	143	12 mm Band Width	W3	7 mm screw hex-head slotted
53404	144	12 mm Band Width	W4	7 mm screw hex-head slotted
53406	145	12 mm Band Width	W5	7 mm screw hex-head slotted
53302	132	9 mm Band Width	W2	7 mm screw hex-head combo slotted
53303	133	9 mm Band Width	W3	7 mm screw hex-head slotted
53304	134	9 mm Band Width	W4	7 mm screw hex-head slotted
53305	135	9 mm Band Width	W5	7 mm screw hex-head slotted
53202	122	7.5 mm Band Width	W2	6 mm screw hex-head combo slotted



12mm

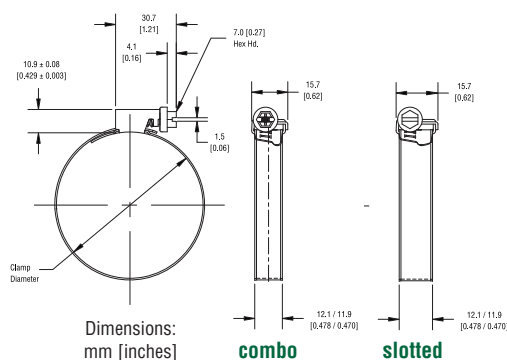


9mm

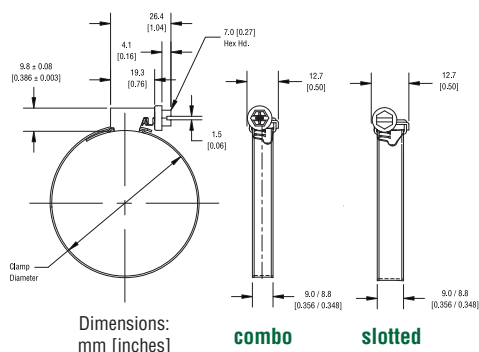


7.5mm

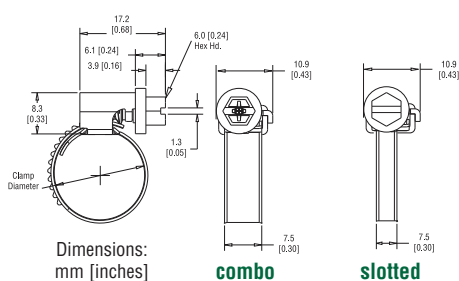
12mm Band



9mm Band



7.5mm Band



	Corrosion Resistance	Common Uses	Band	Screw	Housing
W2	Average requirements	Cars, trucks, some mechanical engineering	AISI 430 Stainless Steel, Chrome-Steel	Plated Mild Steel or Plated Carbon Steel	AISI 430 Stainless Steel, Chrome-Steel
W3	Medium requirements	Automotive OE	AISI 430 Stainless Steel, Chrome-Steel	AISI 430 Stainless Steel, Chrome-Steel	AISI 430 Stainless Steel, Chrome-Steel
W4	High requirements. Low magnetic permeability	For critical connections in cars such as petrol pipes, close to critical and electronic circuits, top grade mechanical engineering, agricultural machinery, motorbikes, signs, general outdoors, stainless steel chimneys	AISI 304 Stainless Steel, Nickel-Chrome Steel, Austenitic Steel, Shiny and Durable	AISI 304 Stainless Steel, Nickel-Chrome Steel, Austenitic Steel, Shiny and Durable	AISI 304 Stainless Steel, Nickel-Chrome Steel, Austenitic Steel, Shiny and Durable
W5	Maximum requirements. Salt water resistant. Low magnetic permeability	Close to critical and electronic circuits, shipbuilding, defense technology, food processing, sewage treatment facilities, chemical and mechanical engineering	AISI 316 Stainless Steel, Chrome-Molybdenum Steel, Austenitic	AISI 316 Stainless Steel, Chrome-Molybdenum Steel, Austenitic	AISI 316 Stainless Steel, Chrome-Molybdenum Steel, Austenitic

Features & Benefits*

IDEAL stamp on housing for a name you can trust

Cross saddle for more even support on installation and long-term band tension

Smooth inside band protects soft hoses against shearing and fray



Unique screw design and asymmetric housing provides improved housing roll-resistance and uniform sealing strength

Material spec and clamping range stamped on band to aid identification

***Meets or exceeds
DIN 3017 standard**

See chart on pg. 12 for specs and dimension information

Non-Perforated Worm Drive Clamps

Band Width	IDEAL Part No. W2	TRIDON Part No. W2	IDEAL Part No. W3	TRIDON Part No. W3	IDEAL Part No. W4	TRIDON Part No. W4	IDEAL Part No. W5	TRIDON Part No. W5	Clamping Range		Torque Performance			
	Series-Size	Series-Size	Series-Size	Series-Size	Series-Size	Series-Size	Series-Size	Series-Size	Diameter Min-Max (mm)	Diameter Min-Max (in.)	Installation (in-lbs) (NM)	Ultimate (Min) (in-lbs) (NM)		
7.5mm	53202-0012	122-012	—	—	—	—	—	—	8-12	5/16 - 15/32	15	1.7	28	3.2
	53202-0016	122-016	—	—	—	—	—	—	10-16	13/32 - 5/8	15	1.7	28	3.2
	53202-0018	122-018	—	—	—	—	—	—	12-18	15/32 - 11/16	15	1.7	28	3.2
9mm	53302-0012	132-012	53303-0012	133-012	53304-0012	134-012	53305-0012	135-012	8-12	5/16 - 15/32	18.0	2.0	35	4.0
	53302-0016	132-016	53303-0016	133-016	53304-0016	134-016	53305-0016	135-016	8-16	5/16 - 5/8	18.0	2.0	35	4.0
	53302-0020	132-020	53303-0020	133-020	53304-0020	134-020	53305-0020	135-020	12-20	15/32 - 25/32	26.0	3.0	40	4.5
	53302-0022	132-022	53303-0022	133-022	53304-0022	134-022	53305-0022	135-022	12-22	15/32 - 7/8	26.0	3.0	40	4.5
	53302-0027	132-027	53303-0027	133-027	53304-0027	134-027	53305-0027	135-027	16-27	5/8 - 1 1/16	26.0	3.0	40	4.5
	53302-0032	132-032	53303-0032	133-032	53304-0032	134-032	53305-0032	135-032	20-32	25/32 - 1 1/4	26.0	3.0	40	4.5
	53302-0040	132-040	53303-0040	133-040	53304-0040	134-040	53305-0040	135-040	25-40	1 - 1 9/16	26.0	3.0	40	4.5
	53302-0045	132-045	53303-0045	133-045	53304-0045	134-045	53305-0045	135-045	30-45	1 3/16 - 1 3/4	26.0	3.0	40	4.5
	53302-0050	132-050	53303-0050	133-050	53304-0050	134-050	53305-0050	135-050	32-50	1 1/4 - 1 31/32	26.0	3.0	40	4.5
	53302-0060	132-060	53303-0060	133-060	53304-0060	134-060	53305-0060	135-060	40-60	1 9/16 - 2 3/8	26.0	3.0	40	4.5
	53302-0070	132-070	53303-0070	133-070	53304-0070	134-070	53305-0070	135-070	50-70	1 31/32 - 2 3/4	26.0	3.0	40	4.5
	53302-0080	132-080	53303-0080	133-080	53304-0080	134-080	53305-0080	135-080	60-80	2 3/8 - 3 1/8	26.0	3.0	40	4.5
	53302-0090	132-090	53303-0090	133-090	53304-0090	134-090	53305-0090	135-090	70-90	2 3/4 - 3 1/2	26.0	3.0	40	4.5
	53302-0100	132-100	53303-0100	133-100	53304-0100	134-100	53305-0100	135-100	80-100	3 1/8 - 3 15/16	26.0	3.0	40	4.5
	53302-0110	132-110	53303-0110	133-110	53304-0110	134-110	53305-0110	135-110	90-110	3 1/2 - 4 5/16	26.0	3.0	40	4.5
	53302-0120	132-120	53303-0120	133-120	53304-0120	134-120	53305-0120	135-120	100-120	3 5/16 - 4 23/32	26.0	3.0	40	4.5
	53302-0130	132-130	53303-0130	133-130	53304-0130	134-130	53305-0130	135-130	110-130	4 5/16 - 5 1/8	26.0	3.0	40	4.5
	53302-0140	132-140	53303-0140	133-140	53304-0140	134-140	53305-0140	135-140	120-140	4 23/32 - 5 1/2	26.0	3.0	40	4.5
	53302-0150	132-150	53303-0150	133-150	53304-0150	134-150	53305-0150	135-150	130-150	5 1/8 - 5 29/32	26.0	3.0	40	4.5
	53302-0160	132-160	53303-0160	133-160	53304-0160	134-160	53305-0160	135-160	140-160	5 1/2 - 6 5/16	26.0	3.0	40	4.5
12mm	53402-0027	142-027	53403-0027	143-027	53404-0027	144-027	53405-0027	145-027	16-27	5/8 - 1 1/16	44	5.0	71	8.0
	53402-0032	142-032	53403-0032	143-032	53404-0032	144-032	53405-0032	145-032	20-32	25/32 - 1 1/4	44	5.0	73	8.3
	53402-0040	142-040	53403-0040	143-040	53404-0040	144-040	53405-0040	145-040	25-40	1 - 1 9/16	44	5.0	73	8.3
	53402-0045	142-045	53403-0045	143-045	53404-0045	144-045	53405-0045	145-045	30-45	1 3/16 - 1 3/4	44	5.0	73	8.3
	53402-0050	142-050	53403-0050	143-050	53404-0050	144-050	53405-0050	145-050	32-50	1 1/4 - 1 31/32	44	5.0	73	8.3
	53402-0060	142-060	53403-0060	143-060	53404-0060	144-060	53405-0060	145-060	40-60	1 9/16 - 2 3/8	44	5.0	73	8.3
	53402-0065	142-065	53403-0065	143-065	53404-0065	—	53405-0065	145-065	45-65	1 3/4 - 2 1/2	44	5.0	73	8.3
	53402-0070	142-070	53403-0070	143-070	53404-0070	144-070	53405-0070	145-070	50-70	1 31/32 - 2 3/4	44	5.0	73	8.3
	53402-0075	142-075	53403-0075	143-075	53404-0075	144-075	53405-0075	145-075	55-75	2 3/16 - 2 15/16	44	5.0	73	8.3
	53402-0080	142-080	53403-0080	143-080	53404-0080	144-080	53405-0080	145-080	60-80	2 3/8 - 3 1/8	44	5.0	73	8.3
	53402-0090	142-090	53403-0090	143-090	53404-0090	144-090	53405-0090	145-090	70-90	2 3/4 - 3 1/2	44	5.0	73	8.3
	53402-0100	142-100	53403-0100	143-100	53404-0100	144-100	53405-0100	145-100	80-100	3 1/8 - 3 15/16	44	5.0	73	8.3
	53402-0110	142-110	53403-0110	143-110	53404-0110	144-110	53405-0110	145-110	90-110	3 1/2 - 4 5/16	44	5.0	73	8.3
	53402-0120	142-120	53403-0120	143-120	53404-0120	144-120	53405-0120	145-120	100-120	3 5/16 - 4 23/32	44	5.0	73	8.3
	53402-0130	142-130	53403-0130	143-130	53404-0130	144-130	53405-0130	145-130	110-130	4 5/16 - 5 1/8	44	5.0	73	8.3
	53402-0140	142-140	53403-0140	143-140	53404-0140	144-140	53405-0140	145-140	120-140	4 23/32 - 5 1/2	44	5.0	73	8.3
	53402-0150	142-150	53403-0150	143-150	53404-0150	144-150	53405-0150	145-150	130-150	5 1/8 - 5 29/32	44	5.0	73	8.3
	53402-0160	142-160	53403-0160	143-160	53404-0160	144-160	53405-0160	145-160	140-160	5 1/2 - 6 5/16	44	5.0	73	8.3
	53402-0170	142-170	53403-0170	143-170	—	—	—	—	150-170	5 29/32 - 6 11/16	N/A	N/A	N/A	N/A
	53402-0180	142-180	53403-0180	143-180	—	—	—	—	160-180	6 5/16 - 7 3/32	N/A	N/A	N/A	N/A
	53402-0200	142-200	53403-0200	143-200	—	—	—	—	180-200	7 3/32 - 7 7/8	N/A	N/A	N/A	N/A

Lined Clamps

Lined clamps are designed for use with silicone rubber and other soft hose applications. The liner protects the hose surface and prevents it from extruding or shearing through the band notches as the clamp is tightened.

Ideal® 53 Series / Tridon® 613 Series (ET)

Stainless Steel and Plated Parts.

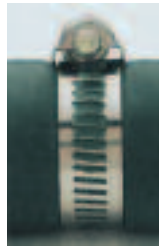
Screw: 5/16" hex slotted, plated carbon steel.

Band: 1/2" band width, 201/301 stainless steel.

Housing: 201/301 stainless steel.

Liner: 201/301 stainless steel.

Hose installed with
unlined clamp



Hose installed with
lined clamp



Ideal® 65E Series / Tridon® 615 Series

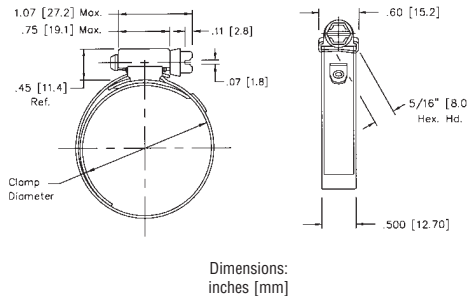
All 300 Stainless Steel Parts. (Ideal)
Marine Grade Stainless Steel. (Ideal)

Screw: 5/16" hex slotted.
300 stainless steel.

Band: 9/16" band width (Ideal)
or 1/2" band width (Tridon),
300 stainless steel.

Housing: 300 stainless steel. (Ideal)
201 Stainless Steel. (Tridon)

Liner: 300 stainless steel.



Ideal® 67M Series

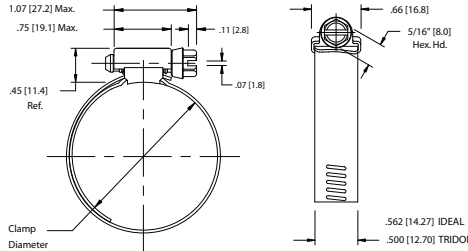
All 316 Stainless Steel Parts.
Marine Grade Stainless Steel.

Screw: 5/16" hex slotted.
316 stainless steel.

Band: 9/16" band width.
316 stainless steel.

Housing: 316 stainless steel.

Liner: 316 stainless steel.



53/613 Series



65E/615 Series



67M Series



LINED CLAMPS							CLAMPING RANGE					
SAE Sizes	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Ideal Part No.	Tridon Part No.	Min. Dia. (in.)	Max. Dia. (in.)	Min. Dia. (mm)	Max. Dia. (mm)	Hose I.D. Min. (in.)	Hose I.D. Max. (in.)
	53	613	65-E	615	67M	N/A						
6	5306	613-006	6506E	615-006*	—	—	5/8	7/8	16	22	—	3/8
8	5308	613-008	6508E	615-008*	6708M	—	5/8	1	16	25	—	1/2
10	5310	613-010	6510E	615-010*	6710M	—	3/4	1 1/16	19	27	—	5/8
12	5312	613-012	6512E	615-012*	6712M	—	7/8	1 1/4	22	32	—	3/4
16	5316	613-016	6516E	615-016*	6716M	—	1	1 1/2	26	38	3/4	1
20	5320	613-020	6520E	615-020*	6720M	—	1 1/8	1 3/4	29	44	7/8	1 1/4
24	5324	613-024	6524E	615-024*	6724M	—	1 1/4	2	32	51	1	1 1/2
28	5328	613-028	6528E	615-028*	6728M	—	1 5/16	2 1/4	33	57	1 1/8	1 3/4
32	5332	613-032	6532E	615-032*	6732M	—	1 9/16	2 1/2	40	63	1 1/4	2
36	5336	613-036	6536E	615-036*	6736M	—	1 13/16	2 3/4	46	70	1 1/2	2 1/4
40	5340	613-040	6540E	615-040*	6740M	—	2 1/16	3	52	76	1 3/4	2 1/2
44	5344	613-044	6544E	615-044*	6744M	—	2 5/16	3 1/4	59	82	2 1/8	2 3/4
48	5348	613-048	6548E	615-048*	6748M	—	2 9/16	3 1/2	65	89	2 1/4	3
52	5352	613-052*	6552E	615-052*	6752M	—	2 13/16	3 3/4	72	95	2 1/2	3 1/4
56	5356	613-056*	6556E	615-056*	6756M	—	3 1/16	4	78	101	2 3/4	3 1/2
60	5360	613-060*	6560E	615-060*	6760M	—	3 9/16	4 1/4	84	108	3 1/8	3 3/4
64	5364	613-064*	6564E	615-064*	6764M	—	4 1/2	4 1/2	91	114	3 1/4	4
72	5372	613-072*	6572E	615-072*	6772M	—	5	5	103	127	3 3/4	4 1/2

Additional sizes available upon request. *Lead times vary.