



Clamp Catalog

Flexible Fastening Solutions since 1982

WARNCO

1021 Dillard Drive, Forest, VA 24551

Toll Free: 877-472-7748

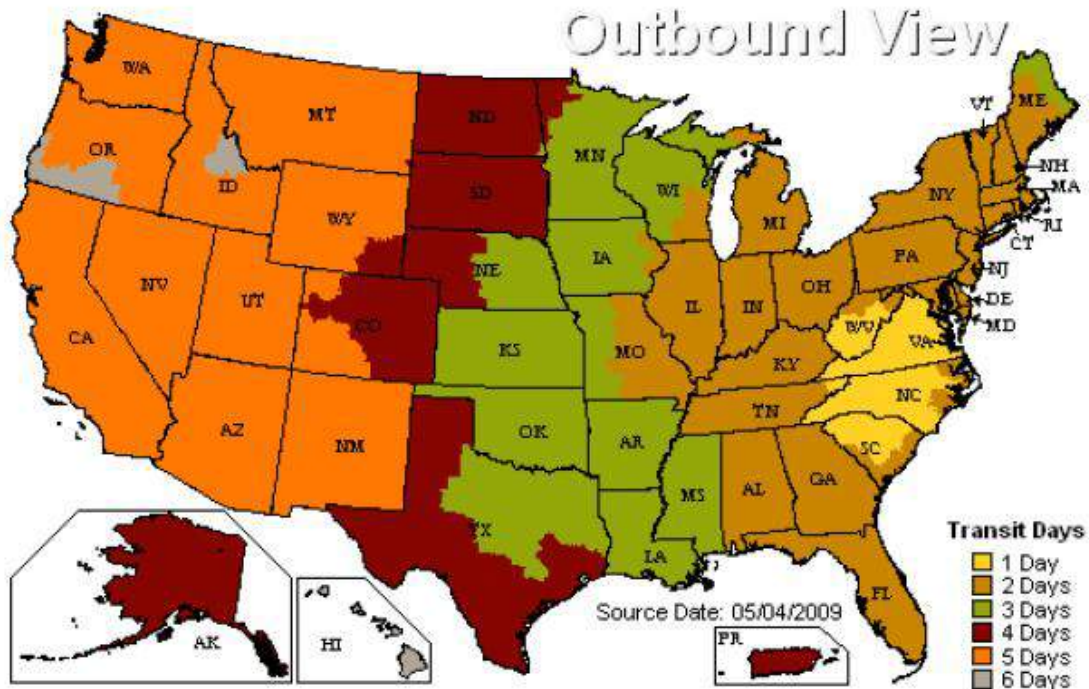
sales@warnco.com



sales@warnco.com

Business days in transit from: FOREST, VA 24551

2013



Terms NET 30 days € Minimum Order \$50.00

F.O.B. & REMIT to Address:

WARNCO
1021 Dillard Drive
Forest, VA 24551
P# 1-877-472-7748
F# 1-800-300-4940

Major Credit Cards Accepted



Large Inventory € Knowledgeable Staff € Quick Delivery € Competitive Pricing

HOW TO USE THIS CATALOG

Part Number Explanation

IDEAL-TRIDON uses both **12-digit and 7-digit part numbers** with Tridon part numbers listed for reference only. Putting your part number together is an easy two-step process.

1. **Select the Ideal-Tridon part number by series and size** listed in the tables throughout the catalog
2. **Add the appropriate pack code to the end.** 7-digit part numbers use a 2-digit pack code and 12-digit part numbers use a 3-digit pack code.

Pack Type	7-Digit Pack Code Suffix	12-Digit Pack Code
10-Pack <i>(up to size 104)</i>	51	051
Bulk	52	052
10-Pack Individually Barcoded <i>(up to size 104)</i>	53	053
* Not every product available in 10-Pack configuration		

Products are Color-Coded for Easy Identification

FIND YOUR PART NUMBER												
Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal-Tridon 67-4	Tridon 620P	Ideal-Tridon 67-1	Tridon 625/HAS	Ideal-Tridon 57-0	Tridon 611/HS	Ideal-Tridon 67-6	Tridon 665
6	3/8	7/8	10	22	67004-0006	620-P06	6706-1	625-006	57060	611-006	6706-6	665-006
8	7/16	1	11	25	67004-0008	620-P08	6708-1	625-008	57080	611-008	6708-6	665-008

Clamp Sizing Information: Min-Max Diameter

Order with Ideal-Tridon No.

Reference Only

EXAMPLE USING 12-DIGIT PART NUMBERS (Ordering a Size 06 1/2" Hy-Gear 67-4 in a 10-Pack)

Series (First 5 Digits)	+	Size (Next 4 Digits)	+	Pack Code (Last 3 Digits)	=	Complete Part Number
67004 (Series 67-4)	+	0006 (4-Digit Size)	+	051 (3-Digit Pack Code)	=	67004-0006-051

EXAMPLE USING 7-DIGIT PART NUMBERS (Ordering a Size 06 1/2" Hy-Gear 67-1 in 10-Pack)

Series & Size (First 5 Digits)	+	Pack Code (Last 2 Digits)	=	Complete Part Number
6706-1 (Series 67-1 in Size 06)	+	51 (10-Pack)	=	6706-1-51

About Our Clamps (3 Piece Design)

ONE-PIECE HOUSING

One piece mechanically interlocked housings are made from a single stamping with no tabs or stakes that can fail under higher tightening torques



MULTIPLE BAND WIDTHS

Our three piece clamps are produced in a multitude of band widths in a large variety of sizes, traditionally sized in increments of 1/16"

RECTANGULAR SHAPED NOTCHES

The rectangular notch design utilizes a radius at each corner which minimizes stress cracking under higher band loads and enhances the overall strength of the band













MORE CORROSION RESISTANCE

FIND YOUR MATERIAL

		Plated Carbon Steel	400 Stainless	200 Stainless	300 Stainless	316 Stainless
Markets	Automobile	•	•	•	•	•
	Farm	•		•	•	•
	Food				•	•
	Garden			•	•	•
	Heavy Duty		•		•	•
	Home	•	•	•	•	•
	Industrial/MRO	•		•	•	•
	Marine				•	•
	Medical					•
	Plumbing/Watersystems		•	•	•	•
	Turbo/Forced Air		•		•	•
Characteristics	Highest Corrosion Resistance					•
	Best Corrosion Resistance				•	
	Better Corrosion Resistance			•		
	Good Corrosion Resistance		•			
Properties*	Material is "Non-Magnetic"			•	•	•
	Material is "Magnetic"	•	•			
Certifications	IAPMO Listed Product Applications			•	•	

*Materials may exhibit relatively small amounts of residual magnetism as a result of the manufacturing process

Icon Key

					
BAND Width & Material	BOLT Size & Material	BRIDGE Width & Material	HOUSING Size & Material	LINER Width & Material	NUT Size & Material
					
SCREW Size & Material	SPRING Size & Material	SPRING LINER Width & Material	T-BOLT Size & Material	TRUNNION Material	RIT* In-lbs & Nm






***RECOMMENDED INSTALLATION TORQUE**
Overtightening your clamp can damage your hose and decrease clamping efficiency.

T-BOLTS

T-Bolt clamps provide uniform sealing pressure for a positive, reliable seal. Designed for use in high vibration and large diameter applications common in heavy trucks, industrial machinery, off-road equipment, agricultural irrigation and machinery. Features a 3/4" or 7/8" wide stainless steel band, depending upon size ordered, and welded construction for reliability.

Standard T-Bolt Ideal-Tridon 30010



1/4" T-Bolt  Plated Carbon Steel	7/16" Hex Nut  Plated Carbon Steel Nylon Insert	3/4" Band  300 Stainless	3/4" Bridge  300 Stainless	Trunnion  Plated Carbon Steel
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Standard T-Bolt Ideal-Tridon 30011






1/4" T-Bolt  300 Stainless	7/16" Hex Nut  300 Stainless Nylon Insert	3/4" Band  300 Stainless	3/4" Bridge  300 Stainless	Trunnion  300 Stainless
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Channel Bridge T-Bolt Ideal-Tridon 30020



1/4" T-Bolt  300 Stainless	7/16" Hex Nut  Plated Carbon Steel Nylon Insert	3/4" Band  300 Stainless	3/4" Bridge  300 Stainless	Trunnion  Plated Carbon Steel
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Channel Bridge T-Bolt Ideal-Tridon 30021

1/4" T-Bolt  300 Stainless	7/16" Hex Nut  300 Stainless Nylon Insert	3/4" Band  300 Stainless	3/4" Bridge  300 Stainless	Trunnion  300 Stainless
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Note: 7/8" wide bands and custom options by request



75 in-lbs (8.5 Nm) for most applications

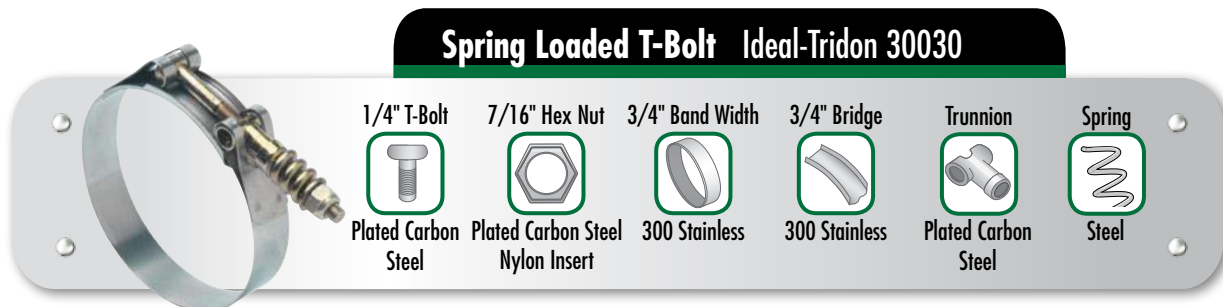
FIND YOUR PART NUMBER

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Standard T-Bolt		Channel Bridge	
					Ideal-Tridon 30010	Ideal-Tridon 30011	Ideal-Tridon 30020	Ideal-Tridon 30021
138	1.38	1.57	35.1	39.9	30010-0138	30011-0138	30020-0138	30021-0138
150	1.50	1.69	38.1	42.9	30010-0150	30011-0150	30020-0150	30021-0150
163	1.63	1.88	41.3	47.8	30010-0163	30011-0163	30020-0163	30021-0163
175	1.75	2.00	44.5	50.8	30010-0175	30011-0175	30020-0175	30021-0175
188	1.88	2.19	47.6	55.6	30010-0188	30011-0188	30020-0188	30021-0188
200	2.00	2.31	50.8	58.7	30010-0200	30011-0200	30020-0200	30021-0200
213	2.13	2.44	54.1	62.0	30010-0213	30011-0213	30020-0213	30021-0213
225	2.25	2.56	57.2	65.0	30010-0225	30011-0225	30020-0225	30021-0225
238	2.38	2.69	60.3	68.3	30010-0238	30011-0238	30020-0238	30021-0238
250	2.50	2.81	63.5	71.4	30010-0250	30011-0250	30020-0250	30021-0250
263	2.63	2.94	66.7	74.7	30010-0263	30011-0263	30020-0263	30021-0263
275	2.75	3.06	69.9	77.7	30010-0275	30011-0275	30020-0275	30021-0275
288	2.88	3.19	73.0	81.0	30010-0288	30011-0288	30020-0288	30021-0288
300	3.00	3.31	76.2	84.1	30010-0300	30011-0300	30020-0300	30021-0300
313	3.13	3.44	79.4	87.4	30010-0313	30011-0313	30020-0313	30021-0313
325	3.25	3.56	82.6	90.4	30010-0325	30011-0325	30020-0325	30021-0325
338	3.38	3.69	85.7	93.7	30010-0338	30011-0338	30020-0338	30021-0338
350	3.50	3.81	88.9	96.8	30010-0350	30011-0350	30020-0350	30021-0350
363	3.63	3.94	92.1	100.1	30010-0363	30011-0363	30020-0363	30021-0363
375	3.75	4.06	95.3	103.1	30010-0375	30011-0375	30020-0375	30021-0375
400	4.00	4.31	101.6	109.5	30010-0400	30011-0400	30020-0400	30021-0400
425	4.25	4.56	108.0	115.8	30010-0425	30011-0425	30020-0425	30021-0425
450	4.50	4.81	114.3	122.2	30010-0450	30011-0450	30020-0450	30021-0450
475	4.75	5.06	120.7	128.5	30010-0475	30011-0475	30020-0475	30021-0475
500	5.00	5.31	127.0	134.9	30010-0500	30011-0500	30020-0500	30021-0500
525	5.25	5.56	133.4	141.2	30010-0525	30011-0525	30020-0525	30021-0525
550	5.50	5.81	139.7	147.6	30010-0550	30011-0550	30020-0550	30021-0550
575	5.75	6.06	146.1	153.9	30010-0575	30011-0575	30020-0575	30021-0575
600	6.00	6.31	152.4	160.3	30010-0600	30011-0600	30020-0600	30021-0600
625	6.25	6.56	158.8	166.6	30010-0625	30011-0625	30020-0625	30021-0625
650	6.50	6.81	165.1	173.0	30010-0650	30011-0650	30020-0650	30021-0650
675	6.75	7.06	171.5	179.3	30010-0675	30011-0675	30020-0675	30021-0675
700	7.00	7.31	177.8	185.7	30010-0700	30011-0700	30020-0700	30021-0700
725	7.25	7.56	184.2	192.0	30010-0725	30011-0725	30020-0725	30021-0725
750	7.50	7.81	190.5	198.4	30010-0750	30011-0750	30020-0750	30021-0750
775	7.75	8.06	196.9	204.7	30010-0775	30011-0775	30020-0775	30021-0775
800	8.00	8.31	203.2	211.1	30010-0800	30011-0800	30020-0800	30021-0800
825	8.25	8.56	209.6	217.4	30010-0825	30011-0825	30020-0825	30021-0825
850	8.50	8.81	215.9	223.8	30010-0850	30011-0850	30020-0850	30021-0850

Additional sizes available

SPRING LOADED T-BOLTS

Spring Loaded T-Bolt clamps provide uniform sealing pressure for a positive, reliable seal. Designed for use in high vibration and large diameter applications common in heavy trucks, industrial machinery, off-road equipment, agricultural irrigation and machinery. Features a spring-loaded t-bolt assembly, a 3/4" wide stainless steel band and welded construction for reliability.



FIND YOUR PART NUMBER


Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal-Tridon 30030
225	2.250	2.563	57.2	65.1	30030-0225
275	2.750	3.063	69.9	77.8	30030-0275
300	3.000	3.313	76.2	84.1	30030-0300
306	3.063	3.375	77.8	85.7	30030-0306
313	3.125	3.438	79.4	87.3	30030-0313
325	3.250	3.563	82.6	90.5	30030-0325
338	3.375	3.688	85.7	93.7	30030-0338
350	3.500	3.813	88.9	96.8	30030-0350
356	3.563	3.875	90.5	98.4	30030-0356
363	3.625	3.938	92.1	100.0	30030-0363
375	3.750	4.063	95.3	103.2	30030-0375
400	4.000	4.313	101.6	109.5	30030-0400
406	4.063	4.375	103.2	111.1	30030-0406
425	4.250	4.563	108.0	115.9	30030-0425
450	4.500	4.813	114.3	122.2	30030-0450
456	4.563	4.875	115.9	123.8	30030-0456
475	4.750	5.063	120.7	128.6	30030-0475
500	5.000	5.313	127.0	134.9	30030-0500
506	5.063	5.375	128.6	136.5	30030-0506
525	5.250	5.563	133.4	141.3	30030-0525
550	5.500	5.813	139.7	147.6	30030-0550
575	5.750	6.063	146.1	154.0	30030-0575
625	6.250	6.563	158.8	166.7	30030-0625
650	6.500	6.813	165.1	173.0	30030-0650
750	7.500	7.813	190.5	198.4	30030-0750




75 in-lbs (8.5 Nm) for most applications

V-BANDS


V-Bands seal connections for flanged joints. Typical applications include filter housings, turbocharger systems, exhaust systems and industrial applications where a flanged connection is required. V-inserts can be manufactured to OE specifications and are made to order. Additional alloys are available for severe environments.




V-Band




1/4" T-Bolt
410 Stainless



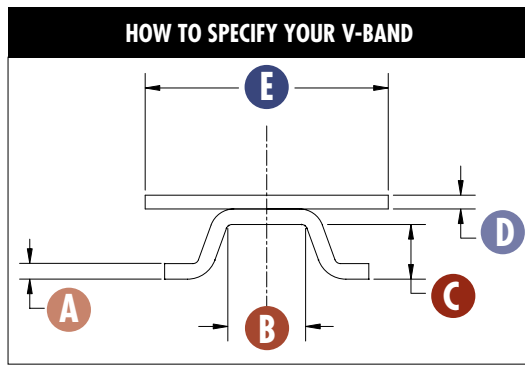
7/16" Hex Nut
300 Stainless



Band with V-Insert
300 Stainless




Trunion
300 Stainless




FIND YOUR PART NUMBER						
Nominal Dia. (in)	V-Insert			Band		Ideal-Tridon 24000
	A	B	C	D	E	
3.21	0.050	0.262	0.141	0.035	0.750	24000-0321
3.88	0.050	0.400	0.281	0.040	0.875	24000-0388
4.25	0.050	0.400	0.281	0.040	0.875	24000-0425
4.61	0.050	0.156	0.218	0.035	0.750	24000-0461
4.75	0.050	0.400	0.281	0.040	0.875	24000-0475
5.25	0.050	0.262	0.141	0.035	0.750	24000-0525
5.88	0.050	0.400	0.281	0.040	0.875	24000-0588


Specialty V-Bands for specific OE applications are available, such as the Univee and the Clam Shell. For information on how we can custom engineer a product for your specific application, contact your IDEAL-TRIDON sales representative.




Univee V-Band




1/4" T-Bolt
420 Stainless




Band with V-Insert
300 Stainless




Trunion
300 Stainless



Clam Shell V-Band



M6 Carriage Bolt
300 Stainless



Band with V-Insert
300 Stainless



90 in-lbs (10.2 Nm) for most applications

PRODUCT CROSS REFERENCE GUIDE

Product	Ideal-Tridon	Tridon	Product Description	NORMA Breeze RG Ray	Murray	Catalog Page
Turn-Key®	5Y	-	1/2" Band, Consumer Product - No Tools Required	-	-	23
Pow'r-Gear®	6L	M843	5/8" Band, High Performance Lined All SS Worm Drive Clamps	HTM-L SP	-	26
Pow'r-Gear®	6M	-	5/8" Band, High Performance All 300 Marine Worm Drive Clamps	HTS-L	-	26
Pow'r-Gear®	6P	-	5/8" Band, High Performance All 300 Marine Worm Drive Clamps	HTM SP	-	26
Pow'r-Gear®	6X	-	5/8" Band, High Performance Wide Range All SS Worm Drive Clamps	HP	-	26
Pow'r-Gear®	60	M850	5/8" Band, High Performance All SS Worm Drive Clamps	HTM	-	26
Flex-Gear®	41	-	5/8" Band, Constant Tension Clamps	-	-	32
Flex-Gear®	43	-	9/16" Band, Constant Tension Clamps	-	-	32
Flex-Gear®	45	-	5/8" Band, Constant Tension Clamps	CT-LSS	-	32
Flex-Gear®	47	-	9/16" Band, Constant Tension Clamps	CT-94	-	32
Surelock	48	-	9/16" Band, Quick Engage Clamps, 300 SS Marine	-	-	19
Surelock	49	-	9/16" Band, Quick Engage Clamps, 316 SS Marine	-	-	19
9/16" Hy-Gear®	50-0	150	9/16" Band, Partial SS Clamps	100	-	14
Lined	53-0	613/ET	1/2" Band, Lined Partial SS Clamps	92	48	24
Combo-Hex®	54-0	-	9/16" Band, Special Hex Screw Clamps	-	-	18
Snaplock®	56-0	-	9/16" Band, Quick Release Clamps	-	-	20
1/2" Hy-Gear®	57-0	611/HS	1/2" Band, General Purpose Clamps	62	H	12
Snaplock®	58-0	58-0/LAS	9/16" Band, Quick Release Clamps	-	-	20
Wraplock®	59-0	-	1/2" Band, Specialty Clamps	-	-	22
9/16" Hy-Gear®	64-0	-	9/16" Band, Special Hex Screw Clamps	-	-	14
9/16" Hy-Gear®	68-0	-	9/16" Band, General Purpose All SS Clamps	200	-	14
Lox-On®	69-0	-	1/2" Band, Special Purpose All 300 Marine Clamps	-	-	22
Snaplock®	500	500/LS	1/2" Band, Quick Release Clamps	-	-	20
Snaplock®	550	550/LSS	1/2" Band, Quick Release Clamps	-	-	20
Fuel Injection	52F	905/FI	9 mm Band, Special Fuel Injection Clamps	-	-	11
Micro-Gear®	62J	359	5/16" Band, All 316 SS Marine Clamps	-	-	10
Micro-Gear®	62M	345/MAH/MAS	5/16" Band, All SS Clamps	37/67	MMF-SS	10
Micro-Gear®	62P	325/MH	5/16" Band, Partial SS Clamps	35	MM	10
Military	632	632	1/2" Band, Military Spec Clamps	-	-	18
9/16" Hy-Gear®	63-4	-	9/16" Band, All 300 SS Marine Clamps	300	-	14
Lined	65-E	615*	9/16" Band, Lined Clamps, All 300 SS Clamps	94*	48	24
1/2" Hy-Gear®	67-1	625/HAS	1/2" Band, General Purpose All SS Clamps	64	H-SS	12
1/2" Hy-Gear®	67-4	620P	1/2" Band, All 300 SS Marine Clamps	63	-	12
1/2" Hy-Gear®	67-6	665	1/2" Band, All 316 SS Marine Clamps	-	-	12
Lined	67M	-	1/2" Band, All 316 SS Lined Marine Clamps	-	-	24
T-Bolt	30010	813	3/4" Band, T-Bolt Partial SS Clamps	B9200	-	28
T-Bolt	30011	811	3/4" Band, T-Bolt All SS Clamps	B9300	-	28
T-Bolt	30020	814	3/4" Band, T-Bolt w/ Bridge Partial SS Clamps	B9222	-	28
T-Bolt	30021	810	3/4" Band, T-Bolt w/ Bridge ALL SS Clamps	-	-	28
T-Bolt	30030	819	3/4" Band, Spring Loaded T-Bolt Clamps	B9226	-	30
WaveSeal ³⁶⁰ ®	36003	-	9/16" Band, Self-Adjusting Constant Pressure	-	-	8
SmartSeal™	37215	-	1/2" Band, Self-Adjusting Constant Pressure	-	-	8
SmartSeal™ HD	38215	-	5/8" Band, Self-Adjusting Constant Pressure	-	-	8
Non-Perforated	53302	53312	9 mm Band, W2 Non-Perforated Clamps	-	EB9	16
Non-Perforated	53303	53313	9 mm Band, W3 Non-Perforated Clamps	-	-	16
Non-Perforated	53304	53314	9 mm Band, W4 Non-Perforated Clamps	-	-	16
Non-Perforated	53305	53315	9 mm Band, W5 Non-Perforated Clamps	-	-	16
Non-Perforated	53402	53412	12 mm Band, W2 Non-Perforated Clamps	-	EB12	16
Non-Perforated	53403	53413	12 mm Band, W3 Non-Perforated Clamps	-	-	16
Non-Perforated	53404	53414	12 mm Band, W4 Non-Perforated Clamps	-	-	16
Non-Perforated	53405	53415	12 mm Band, W5 Non-Perforated Clamps	-	-	16

*Comparable Product