



PRODUCT CATALOG



PROVEN DESIGNS, BILLIONS OF TIMES | IDEALTRIDON.COM



MICRO-GEAR®

Micro-Gear clamps are tiny, tough and precision-engineered to use in small hose applications including emission control, fuel lines and vacuum hoses. Slim, 5/16" bands and low profile housings allow installation in confined areas.

• BEST •



Micro-Gear Ideal-Tridon 62J • Tridon 359

1/4" Hex Head



316 Stainless

Housing



316 Stainless

5/16" Band Width



316 Stainless

• BETTER •



Micro-Gear Ideal-Tridon 62M • Tridon 345/MAH/MAS

1/4" Hex Head



300 Stainless

Housing



300 Stainless

5/16" Band Width



300 Stainless

• GOOD •



Micro-Gear Ideal-Tridon 62P • Tridon 325/MH

1/4" Hex Head



Plated Carbon Steel

Housing



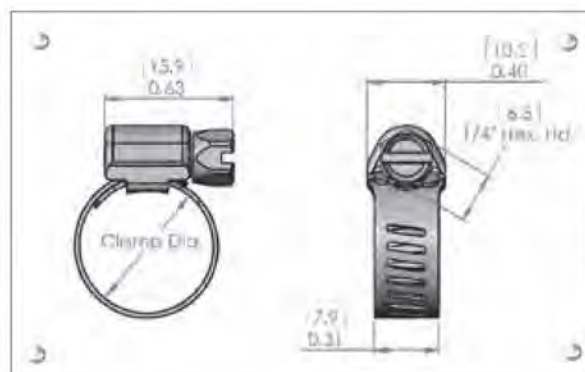
300 Stainless

5/16" Band Width



300 Stainless

PRODUCT DIMENSIONS



10 to 15 in-lbs (1.1 to 1.7 Nm) for most applications



FIND YOUR PART NUMBER

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal-Tridon 62M	Ideal-Tridon 62P
04	1/4	5/8	6	16	62604 ⁽¹⁾	6204 ⁽³⁾
05	1/4	3/4	7	19	62M05	
06	5/16	7/8	8	22	62606 ⁽²⁾	6206 ⁽⁴⁾
08	7/16	1	11	25		62P08
10	1/2	1-1/16	13	27		
12	9/16	1-1/4	14	32		62P12
20	3/4	1-3/4	19	44	62M20	62P20
24	1	2	26	51		
30	1-3/8	2-3/8	35	60		62P30

⁽¹⁾ Old part no. 62602 ⁽²⁾ Old part no. 62603 ⁽³⁾ Old part no. 6202 ⁽⁴⁾ Old part no. 6203



1/2" HY-GEAR®

1/2" Hy-Gear clamps are suitable for most common household and automotive applications. The bands have clean punched rectangular perforations that hold strong and connect easily.

• BEST •



1/2" Hy-Gear Ideal-Tridon 67-4 • Tridon 620P

5/16" Hex Head



300 Stainless

UPC Shield



300 Stainless

1/2" Band Width



300 Stainless

• BETTER •



1/2" Hy-Gear Ideal-Tridon 67-1 • Tridon 625/HAS*

5/16" Hex Head



410 Stainless*

Housing



200 Stainless

1/2" Band Width



200 Stainless

*Tridon 625 Screw Material is 300/200 Stainless

• GOOD •



1/2" Hy-Gear Ideal-Tridon 57-0 • Tridon 611/HS

5/16" Hex Head



Plated Carbon Steel

Housing



200 Stainless

1/2" Band Width



200 Stainless

• SPECIALTY •



1/2" Hy-Gear Ideal-Tridon 67-6 • Tridon 665

5/16" Hex Head



316 Stainless

Housing



316 Stainless

1/2" Band Width



316 Stainless



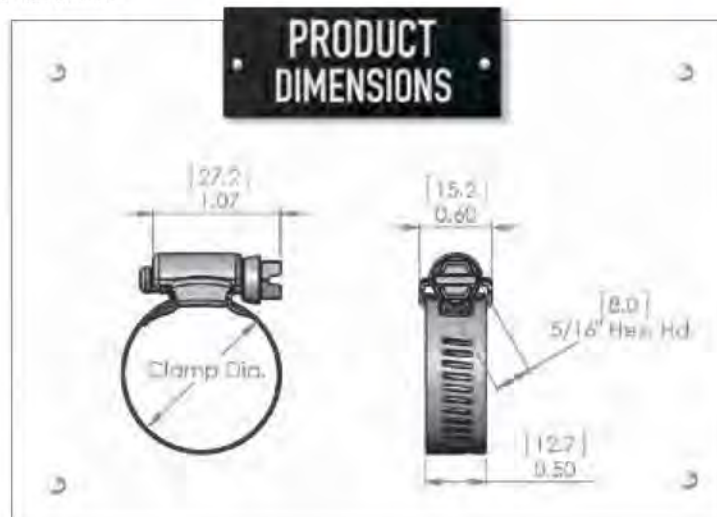
35 in-lbs (4 Nm) for most applications



FIND YOUR PART NUMBER

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal-Tridon 67-4	Ideal-Tridon 67-1	Ideal-Tridon 57-0	Ideal-Tridon 67-6
6	3/8	7/8	10	22	6706		5706	
8	7/16	1	11	25		6708-1	5708	
12	1/2	1-1/4	13	32		6712-1		
16	11/16	1-1/2	18	38		6716-1		
20	3/4	1-3/4	19	44		6720-1	5720	
24	1	2	25	51				6724-6
28	1-1/4	2-1/4	32	57		6728-1	5728	
40	1	3	26	76		6740-1	5740	
44	1-1/4	3-1/4	32	82			5744	
48	1-1/2	3-1/2	38	89			5748	
72	3	5	76	127			5772	
80	3-1/2	5-1/2	89	140	6780			
88	4	6	102	152		6788-1		

Additional sizes available





9/16" HY-GEAR®

9/16" Hy-Gear clamps have a wide range of applications, from simple home and auto repair to heavy industrial. The bands have clean punched rectangular perforations that hold strong and connect easily.

• BEST •



Hy-Gear Ideal-Tridon 63-4

5/16" Hex Head



300 Stainless

UPC Shield



300 Stainless

9/16" Band Width



300 Stainless

• BETTER •



Hy-Gear Ideal-Tridon 68-0

5/16" Hex Head



410 Stainless

Housing



200 Stainless

9/16" Band Width



200 Stainless

• GOOD •



Hy-Gear Ideal-Tridon 50-0 • Tridon 150

5/16" Hex Head



Plated Carbon Steel

Housing



200 Stainless

9/16" Band Width



200 Stainless

• SPECIALTY •



Hy-Gear Ideal-Tridon 64-0

3/8" Hex Head



410 Stainless

Housing



200 Stainless

9/16" Band Width



200 Stainless

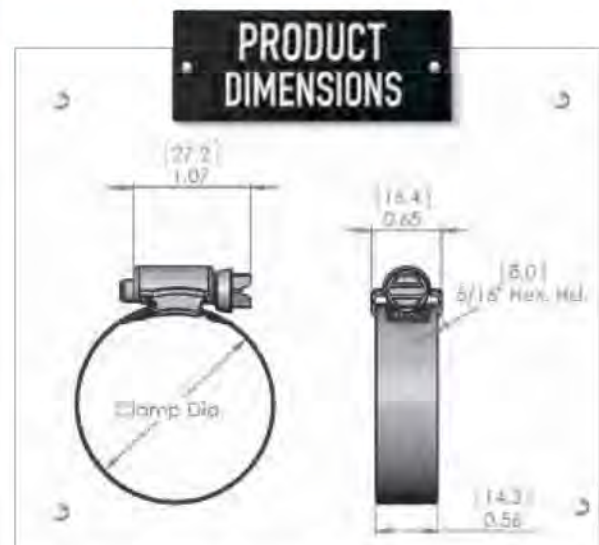


35 in-lbs (4 Nm) for most applications



FIND YOUR PART NUMBER								
Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal-Tridon 63-4	Ideal-Tridon 68-0	Ideal-Tridon 50-0	Ideal-Tridon 64-0
6	3/8	7/8	10	22	6306	6806	5006	6406
8	7/16	1	11	25	6308	6808	5008	6408
10	1/2	1-1/16	13	27		6810	5010	6410
12	1/2	1-1/4	13	32	6312	6812	5012	6412
16	11/16	1-1/2	18	38	6316		5016	6416
20	3/4	1-3/4	19	44	6320		5020	6420
24	1	2	25	51			5024	6424
28	1-1/4	2-1/4	32	57	6328	6828	5028	
32	1-1/2	2-1/2	38	63	6332	6832	5032	6432
36	3/4	2-3/4	19	70	6336	6836	5036	6436
40	1	3	26	76	6340	6840		6440
44	1-1/4	3-1/4	32	83	6344	6844	5044	6444
48	1-1/2	3-1/2	38	89	6348			6448
52	1-3/4	3-3/4	44	95	6352		5520	6452
64	2-1/2	4-1/2	64	114	6364			
72	3	5	76	127	6372	6872		6472
80	3-1/2	5-1/2	89	140	6380			6480
88	4	6	102	152	6388		5088	6488
96	4-1/2	6-1/2	114	165	6396	6896		
104	5	7	127	178	63104			
128	7-1/4	9-1/4	64	216	63128			
140	7-1/4	9-1/4	64	235	63140			
152	2	10	6	254	63152			
164	2	10-3/4	64	273	63164			
236	13-1/4	15-1/4	64	387	63236			

Additional sizes available





COMBO HEX® & MILITARY WORM DRIVE

Combo-Hex clamps are the clamps professional mechanics choose most often. Particularly helpful in hard-to-reach areas, they feature an exclusive, safety-collared, deep-slotted screw design that prevents screwdrivers from slipping and puncturing the hose wall. Combo-Hex clamps can be installed with a screwdriver, nutdriver or socket wrench.



Combo Hex Ideal-Tridon 54-0

3/8" Safety-Collared Hex • Deep-Slotted



Plated Carbon Steel

Housing



200 Stainless

9/16" Band Width



200 Stainless



35 in-lbs (4 Nm) for most applications

Military Worm Drive clamps are manufactured to military specification MS-35842 and AA-52506C.



Military Worm Drive Ideal-Tridon 632 • Tridon 632

5/16" Hex Head



410 Stainless

Housing



201 Stainless

1/2" Band Width



201 Stainless



35 in-lbs (4 Nm) for most applications

FIND YOUR PART NUMBER					
Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal-Tridon 54-0
6	3/8	7/8	10	22	5406
8	7/16	1	11	25	5408
10	1/2	1-1/16	13	27	5410
12	1/2	1-1/4	13	32	5412
16	11/16	1-1/2	18	38	5416
20	3/4	1-3/4	19	44	5420
24	1	2	25	51	5424
28	1-1/4	2-1/4	32	57	5428
32	1-1/2	2-1/2	38	63	5432
36	1-3/4	2-3/4	44	70	5436
40	2	3	51	76	5440
44	2-1/4	3-1/4	57	82	5444
48	2-1/2	3-1/2	64	89	5448
52	1-7/8	3-3/4	48	95	5452
56	2-1/8	4	54	101	5456

*Non-stocking item



SNAPLOCK® QUICK RELEASE

Snaplock Quick Release worm drive clamps are good for closed system applications where the clamp must be disengaged to be applied. The swivel-action locking of screw to band makes installation and removal much faster. All Snaplock housings are 200 stainless steel.

Snaplock Ideal-Tridon 56-0



5/16" Hex Head



Plated Carbon Steel

Bridge



Plated Carbon Steel

9/16" Band Width



200 Stainless

Snaplock Ideal-Tridon 500 • Tridon 500/LS

5/16" Hex Head



Plated Carbon Steel

Bridge



410 Stainless

1/2" Band Width



200 Stainless

Snaplock Ideal-Tridon 58-0 • Tridon 58-0/LAS



3/8" Hex Head



410 Stainless

Bridge



410 Stainless

9/16" Band Width



200 Stainless

Snaplock Ideal-Tridon 550 • Tridon 550/LSS

5/16" Hex Head



410 Stainless

Bridge



410 Stainless

1/2" Band Width



301 Stainless



30 in-lbs (3.4 Nm) for most applications



FIND YOUR PART NUMBER					Ideal-Tridon 56-0	Ideal-Tridon 58-0 Tridon 58-0/LAS
Size	Min (in)	Max (in)	Min (mm)	Max (mm)		
28	1	2-1/4	25	57	5628	
36	1	2-3/4	25	70		5836
48	1-1/2	3-1/2	39	89	5648	5848
56	1	4	25	102	5656	
88	2	6	51	152	5688	
104	2-7/8	7	45	178	56104	
128	1-3/4	8-1/2	45	216	56128	
152	2	10	51	254	56152	
188	2	12-1/4	51	311	56188	58188
258	1-15/16	16-5/8	50	422	56258	
332	2	21-1/4	51	540	56332	



LINED

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.

Lined Ideal-Tridon 65E



5/16" Hex Slotted



300 Stainless

Housing



300 Stainless

9/16" Lined Band



300 Stainless

Lined Ideal-Tridon 615 • Tridon 615

5/16" Hex Slotted



300 Stainless

Housing



200 Stainless

1/2" Lined Band



200 Stainless

Lined Ideal-Tridon 53-0 • Tridon 613/ET



5/16" Hex Slotted



Plated Carbon Steel

Housing



200 Stainless

1/2" Lined Band



200 Stainless

Lined Ideal-Tridon 67M



5/16" Hex Slotted



316 Stainless

Housing



316 Stainless

1/2" Lined Band



316 Stainless



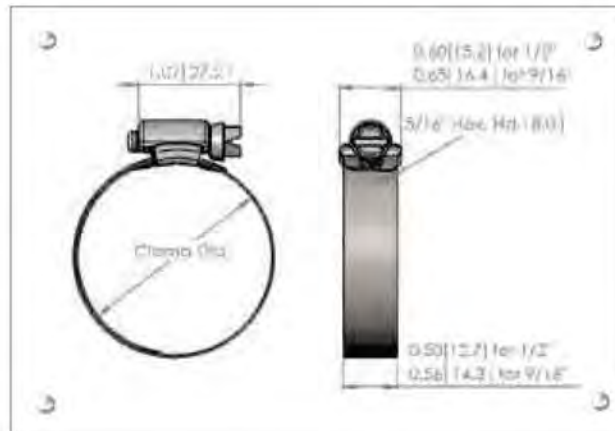
35 in-lbs (4 Nm) for most applications



FIND YOUR PART NUMBER

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal-Tridon 65E	Ideal-Tridon 53-0	Ideal-Tridon 67M
8	5/8	1	16	25			6708M
10	11/16	1-1/16	17	27			6710M
12	11/16	1-1/4	17	32	6512E		6712M
16	3/4	1-1/2	19	38	6516E		6716M
20	1	1-3/4	25	44	6520E		6720M
24	1-1/16	2	27	51	6524E		6724M
28	1-5/16	2-1/4	34	57	6528E		
32	1-9/16	2-1/2	40	64	6532E	5332	
36	1-13/16	2-3/4	46	70	6536E		6736M
40	2-1/16	3	52	76	6540E	5340	6740M
44	2-5/16	3-1/4	59	82			6744M
48	2-9/16	3-1/2	65	89	6548E		
56	3-1/16	4	78	100	6556E		
64	3-9/16	4-1/2	91	114	6564E		
72	4-1/16	5	103	127	6572E	5372	6772M
88	5	6	128	152			6788M

**PRODUCT
DIMENSIONS**





POW'R-GEAR®

Pow'r-Gear high performance clamps are designed for high vibration and stubborn leakage applications such as industrial machinery, heavy truck, farm and off-road equipment engines. Pow'r-Gears feature an extra wide 5/8" heavy gauge band and a wide profile housing that provides maximum engagement of screw threads to band. Engineered to deliver exceptionally high rates of band tension to handle the toughest sealing jobs.

Pow'r-Gear Ideal-Tridon 60 • Tridon M850



5/16" Hex Head	Housing	5/8" Band Width
		
410 Stainless	300 Stainless	300 Stainless

Pow'r-Gear Ideal-Tridon 6P



5/16" Hex Head	Housing	5/8" Band Width
		
305 Stainless	300 Stainless	300 Stainless

Pow'r-Gear Ideal-Tridon 6L • Tridon M843



5/16" Hex Head	Housing	5/8" Lined Band
		
410 Stainless	300 Stainless	300 Stainless

Pow'r-Gear Ideal-Tridon 6M



5/16" Hex Head	Housing	5/8" Lined Band
		
305 Stainless	300 Stainless	300 Stainless

Pow'r-Gear Ideal-Tridon 6X



5/16" Hex Head	Housing	5/8" Band Width
		
410 Stainless	300 Stainless	300 Stainless



75-90 in-lbs (8.5-10 Nm) for most applications



FIND YOUR PART NUMBER					
Size	Min (in)	Max (in)	Min (mm)	Max (mm)	
					Ideal-Tridon 60 Ideal-Tridon 6L
312	2-1/4	3-1/8	57	79	60300
262	1-3/4	2-5/8	45	66	6L250
612	5-1/4	6-1/8	133	155	60600

Additional sizes available