

Improved Stainless Steel T-Bolt Clamps

- Loop designed for rugged & reliable service
- Heavy-duty channel bridge with sides (saddle) welded to clamp for precise alignment when tensioned, creating a 360° seal

Engineered for Dependability!

Apache P/N	Hose I.D.	T Bolt Clamp Description	UT#	Min. Dia (inches)	Max. Dia (inches)	Min. Dia (mm)	Max Dia (mm)
43081998	1"	1-5/16" - 1-11/16" UT-130 (10 Per Bag)	UT-130	1.30"	1.70"	38.1	41.7
43082000	1-1/4"	1-5/8" - 1-7/8" UT-162 (10 Per Bag)	UT-162	1.62"	1.87"	41.2	47.5
43082002	1-1/2"	1-13/16" - 2-1/16" UT-181 (10 Per Bag)	UT-181	1.81"	2.06"	46.0	52.3
43082004	1-1/2"	1-15/16" - 2-3/16" UT-193 (10 Per Bag)	UT-193	1.93"	2.18"	49.0	55.4
43082008	2"	2-3/16" - 2-1/2" UT-218 (10 Per Bag)	UT-218	2.18"	2.50"	55.4	63.5
43082012	2"	2-5/16" - 2-5/8" UT-231 (10 Per Bag)	UT-231	2.31"	2.62"	58.7	66.6
43082016	2"	2-1/2" - 2-13/16" UT-250 (10 Per Bag)	UT-250	2.50"	2.81"	63.5	71.4
43082020	2"	2-7/8" - 3-3/16" UT-287 (10 Per Bag)	UT-287	2.87"	3.18"	72.9	80.8
43082022	3"	3-1/8" - 3-7/16" UT-313 (10 Per Bag)	UT-313	3.13"	3.44"	79.5	87.4
43082024	3"	3-5/16" - 3-5/8" UT-331 (10 Per Bag)	UT-331	3.31"	3.62"	84.1	92.0
43082026	3"	3-7/16" - 3-3/4" UT-343 (10 Per Bag)	UT-343	3.43"	3.75"	87.1	95.3
43082028	3"	3-1/2" - 3-13/16" UT-350 (10 Per Bag)	UT-350	3.50"	3.85"	89.0	97.0
43082030	4"	4-1/4" - 4-9/16" UT-425 (10 Per Bag)	UT-425	4.25"	4.56"	108.0	115.8
43082031	4"	4-3/8" - 4-3/4" UT-438 (10 Per Bag)	UT-438	4.38"	4.76"	111.3	120.9
43082032	4"	4-9/16" - 4-15/16" UT-456 (10 Per Bag)	UT-456	4.56"	4.94"	115.8	125.5

Clamp UT-313 (#43082022) is a new size to better fit the 3" ID PVC Suction K (clear with gray helix) and 3" ID PVC Suction G (green). Currently recommended clamp UT-331 is at the large end of the size range and will likely result in excess bolt exposed after clamp.



Ultra T-Bolt Clamp Specifications:

- Band & Saddle: 3/4" wide 304 Stainless Steel
- T-Bolt & Nut: 304 stainless steel bolt with 7/16" (1/4-20) nickel plated carbon steel nut (with nylon locking insert)
- 4 spot welds on ends of clamp for extra strength (clamps are rated to 75.0 in lbs. applied torque)
- Bands are stamped with the size range in inches



Toll Free: 800-422-1981

Fax: 319-365-5969

Email: agprogram@apache-inc.com

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Ultra T-Bolt Clamp Size Recommendations

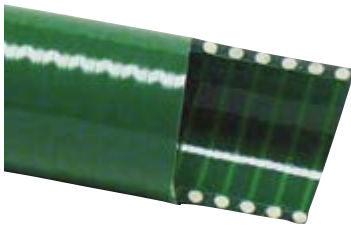


PVC Suction Hose - Clear with Gray Helix



Hose PN	I.D.	Clamp #	Clamp PN
12016506	1-1/4"	UT-130	43081998
12017006	1-1/2"	UT-162	43082000
12017502	2"	UT-218	43082008
12017515	3"	UT-313 / 331	43082022 / 2024
12017516	4"	UT-425	43082030

PVC Suction Hose - Green



Hose PN	I.D.	Clamp #	Clamp PN
12022505	1-1/4"	UT-130	43081998
12022506	1-1/2"	UT-162	43082000
12023006	2"	UT-218	43082008
12024002	3"	UT-313 / 331	43082022 / 2024
12024509	4"	UT-425	43082030

Rubber/Polyethylene Fertilizer Solution Suction & Discharge Hose



Hose PN	I.D.	Clamp #	Clamp PN
12012797	1-1/4"	UT-130	43081998
12012800	1-1/2"	UT-181	43082002
12012805	2"	UT-218 / 231	43082008 / 2012
12012807	2-1/2"	UT-287	43082020
12012810	3"	UT-343	43082026
12012815	4"	UT-438	43082031

ENFORCER - Reinforced Fertilizer Solution Hose



Hose PN	I.D.	Clamp #	Clamp PN
12012960	1-1/4"	UT-162	43082000
12012962	1-1/2"	UT-181	43082002
12012964	2"	UT-231	43082012
12012966	3"	UT-343	43082026
12012968	4"	UT-456	43082032



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PVC - Low Temp Sludge Suction Hose



Hose PN	I.D.	Clamp #	Clamp PN
12026115	1-1/2"	UT-162	43082000
12026116	2"	UT-218	43082008
12026118	3"	UT-331	43082024
12026119	4"	UT-425	43082030

EPDM Rubber Reinforced Suction Hose



Hose PN	I.D.	Clamp #	Clamp PN
12003501	1-1/2"	UT-181	43082002
12004001	2"	UT-231	43082012
12004106	2-1/2"	UT-287	43082020
12004508	3"	UT-331	43082024
12005008	4"	UT-425	43082030

PVC - Lay-flat Discharge Hose (Blue)



Hose PN	I.D.	Clamp #	Clamp PN
13026505	1-1/2"	UT-130	43081998
13027005	2"	UT-193	43082004
13027501	2-1/2"	UT-231	43082012
13028001	3"	UT-287	43082020

PVC - Medium Duty Lay-flat Discharge Hose (Brown)



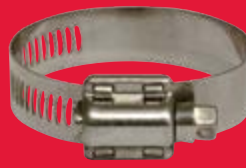
Hose PN	I.D.	Clamp #	Clamp PN
13030014	1-1/2"	UT-130	43081998
13030022	2"	UT-193	43082004
13030030	2-1/2"	UT-231	43082012
13030049	3"	UT-287	43082020

Rubber/Polyester Single Jacket Mill Washdown Hose



Hose PN	I.D.	Clamp #	Clamp PN
16000500	1-1/2"	UT-130	43081998
16000507	2"	UT-193	43082004
16001007	2-1/2"	UT-231	43082012
16001503	3"	UT-287	43082020

Worm Gear Clamp Cross-Reference



5/16" Wide Stainless Steel MICRO Worm Gear Clamps (1/4" slotted hex-head) 10 Per Box

Part Number	UPC	Min. Diameter (inches)	Max Diameter (inches)	Min. Diameter (MM)	Max Diameter (MM)	SAE Size (closest)	TRIDON® 350 Series (closest)	Full Case Quantity
48016998	85093-6	1/4	5/8	6	16	4	350-004	1000
48017000	82584-2	5/16	5/8	8	16	5	350-005	1000
48017001	85094-3	5/16	7/8	8	22	6	350-006	1000
48017002	06433-3	7/16	3/4	11	20	8	350-008	1000
48017004	82585-9	1/2	7/8	12	22	N/A	N/A	1000
48017006	82586-6	1/2	1	12	26	10	350-010	1000

1/2" Wide Stainless Steel Worm Gear Clamps (5/16" slotted hex-head) 10 Per Box

Part Number	UPC	Min. Diameter (inches)	Max Diameter (inches)	Min. Diameter (MM)	Max Diameter (MM)	SAE Size (closest)	TRIDON® 350 Series (closest)	Full Case Quantity
48000509	06386-2	7/16	29/32	11	23	6	620-006	500
48001009	06387-9	7/16	1	11	25	8	620-008	500
48001505	06388-6	9/16	1-1/16	14	27	10	620-010	500
48002005	06389-3	11/16	1-1/4	17	32	12	620-012	500

9/16" Wide Stainless Steel Worm Gear Clamps (5/16" slotted hex-head) 10 Per Box

Part Number	UPC	Min. Diameter (inches)	Max Diameter (inches)	Min. Diameter (MM)	Max Diameter (MM)	SAE Size (closest)	TRIDON® 350 Series (closest)	Full Case Quantity
48002501	06390-9	3/4	1-1/2	19	39	16	620-016	500
48003001	06391-6	3/4	1-3/4	19	45	20	620-020	500
48003508	06392-3	1	2	25	51	24	620-024	500
48004008	06393-0	1-5/16	1-9/16	33	40	28	620-028	500
48004504	06394-7	1-9/16	2-1/2	39	64	32	620-032	500
48005004	06395-4	7/8	2-3/4	22	70	36	620-036	250
48005500	06396-1	1-1/8	3	28	77	40	620-040	250
48006000	06397-8	1-5/16	3-1/4	33	83	44	620-044	250
48006507	06398-5	1-5/8	3-1/2	41	89	48	620-048	250
48007007	06399-2	1-7/8	3-3/4	47	96	52	620-052	250
48007252	06400-5	2-1/8	4	53	102	56	620-056	250
48008003	06402-9	2-5/8	4-1/2	66	115	64	620-064	250
48008518	06403-6	3-1/8	5	79	127	72	620-072	250
48009018	06404-3	3-5/8	5-1/2	92	140	80	620-080	250
48009506	06405-0	4-1/2	6	107	153	88	620-088	250
48010008	06406-7	4-3/4	6-1/2	120	166	96	620-096	100
48010504	06407-4	4	7	101	178	104	620-104	100



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Worm Gear Clamp Hose & Tubing Recommendations

Hose PN	Hose Description	Clamp PN (5/16" Band)	Size Range (min./max)	Clamp PN (1/2" Band)	Size Range (min./max)	Clamp PN (9/16" Band)	Size Range (min./max)	
10031600	1/4" AG 200 EPDM Spray Hose	48016998	1/4" - 5/8"					
10031620	3/8" AG 200 EPDM Spray Hose	48017000	5/16" - 5/8"					
10031630	1/2" AG 200 EPDM Spray Hose	48017001	5/16" - 7/8"					
10031640	5/8" AG 200 EPDM Spray Hose	48017004	1/2" - 7/8"					
10031650	3/4" AG 200 EPDM Spray Hose	48017006	1/2" - 1"					
10031660	1" AG 200 EPDM Spray Hose	48002501	3/4" - 1-1/2"					
10031700	1/4" AG 300 EPDM Spray Hose	48016998	1/4" - 5/8"					
10031720	3/8" AG 300 EPDM Spray Hose	48017001	5/16" - 7/8"					
10031730	1/2" AG 300 EPDM Spray Hose	48017004	1/2" - 7/8"	48000509	7/16" - 29/32"			
10031740	5/8" AG 300 EPDM Spray Hose			48001505	9/16" - 1-1/16"			
10031750	3/4" AG 300 EPDM Spray Hose			48001505	9/16" - 1-1/16"			
10031760	1" AG 300 EPDM Spray Hose					48002501	3/4" - 1-1/2"	
10040507	1-1/4" 3000 series EPDM Spray Hose					48003508	1" - 2"	
10041007	1-1/2" 3000 series EPDM Spray Hose					48004008	1-5/16" - 1-9/16"	
10041011	2" 3000 series EPDM Spray Hose					48005004	7/8" - 2-3/4"	
15015610	1/4" EVA Tubing (1/8" wall)	48016998	1/4" - 5/8"					
15016000	3/8" EVA Tubing (1/8" wall)	48016998	1/4" - 5/8"					
15016507	7/16" EVA Tubing (1/8" wall)	48017000	5/16" - 5/8"					
15017007	1/2" EVA Tubing (1/8" wall)	48017001	5/16" - 7/8"					
15017252	5/8" EVA Tubing (1/8" wall)	48017002	7/16" - 3/4"					
15017503	3/4" EVA Tubing (1/8" wall)	48017004	1/2" - 7/8"					
15018003	1" EVA Tubing (1/8" wall)			48002005	11/16" - 1-1/4"			
15018559	1/4" Reinforced EVA Tubing	48016998	1/4" - 5/8"					
15018560	3/8" Reinforced EVA Tubing	48016998	1/4" - 5/8"					
15018570	1/2" Reinforced EVA Tubing	48017001	5/16" - 7/8"					
15018572	5/8" Reinforced EVA Tubing	48017004	1/2" - 7/8"	48001009	7/16" - 1"			
15018574	3/4" Reinforced EVA Tubing	48017006	1/2" - 1"	48001009	7/16" - 1"			
15018576	1" Reinforced EVA Tubing			48002005	11/16" - 1-1/4"		48002501	3/4" - 1-1/2"
15005560	1/8" x 1/16" Wall Clear Vinyl	N/A						
15005565	3/16" x 1/16" Wall Clear Vinyl	N/A						
15005570	1/4" x 1/16" Wall Clear Vinyl	N/A						
15005574	5/16" x 1/16" Wall Clear Vinyl	N/A						
15005575	3/8" x 1/16" Wall Clear Vinyl	48016998	1/4" - 5/8"					
15005587	1/2" x 1/16" Wall Clear Vinyl	48017000	5/16" - 5/8"					
15005593	5/8" x 1/16" Wall Clear Vinyl	48017001	5/16" - 7/8"					
15005572	1/4" x 1/8" Wall Clear Vinyl	48016998	1/4" - 5/8"					
15005580	3/8" x 1/8" Wall Clear Vinyl	48016998	1/4" - 5/8"					
15005585	1/2" x 1/8" Wall Clear Vinyl	48017001	5/16" - 7/8"					
15005590	5/8" x 1/8" Wall Clear Vinyl	48017002	7/16" - 3/4"					
15005595	3/4" x 1/8" Wall Clear Vinyl	48017004	1/2" - 7/8"	48001009	7/16" - 1"			
15005600	1" x 1/8" Wall Clear Vinyl			48001505	9/16" - 1-1/16"			
15005610	1/4" x 1/8" Wall Reinforced Clear Vinyl	48016998	1/4" - 5/8"					
15005615	3/8" x 1/8" Wall Reinforced Clear Vinyl	48016998	1/4" - 5/8"					
15005620	1/2" x 1/8" Wall Reinforced Clear Vinyl	48017001	5/16" - 7/8"					
15005625	5/8" x 1/8" Wall Reinforced Clear Vinyl	48017004	1/2" - 7/8"					
15005630	3/4" x 1/8" Wall Reinforced Clear Vinyl	48017006	1/2" - 1"					
15005635	1" x 1/8" Wall Reinforced Clear Vinyl			48002005	11/16" - 1-1/4"			
13026445	1-1/2" Blue Lay-flat PVC Discharge						48002501	3/4" - 1-1/2"
13026465	2" Blue Lay-flat PVC Discharge						48004008	1-5/16" - 1-9/16"
13026480	3" Blue Lay-flat PVC Discharge						48006000	1-5/16" - 3-1/4"

Note: If Using Worm Gear Clamps to Couple or Repair Lay-flat Discharge Hose it is Recommended to Use 2 clamps Minimum Per Connection.