

HOSE & CLAMPS



**NEBRASKA-IOWA
INDUSTRIAL
FASTENERS CORP.**

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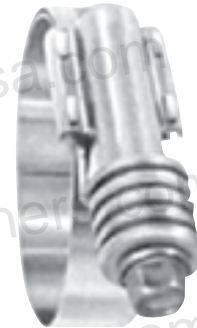
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NOTES

Silicone Hose Clamps

Constant Torque Clamps

- "Active" clamping mechanism, which monitors and then compensates for the changes by actually changing diameter through a unique worm gear "Bellevilles" assembly.
- The "Constant Torque" clamping mechanism is the answer for any system experiencing leakage or rupture problems because of "cold flow" or changes in environment or operational temperatures.



Applications

- Can be used on sealed systems where clamps cannot be retightened or are difficult to get to.
- Where higher torque applications are required.
- Where temperature extremes (hot or cold) cause expansion or contraction in the system.

Part No.	Industry Clamp No.	Diameter Range
40610	CT9410	13/16" to 1-1/16"
40624	CT9424	1-1/16" to 2"
40625	CT250L	1-3/4" to 2-5/8"
40630	CT300L	2-1/4" to 3-1/8"
40635	CT350L	2-3/4" to 3-5/8"
40640	CT400L	3-1/4" to 4-1/8"
40645	CT450L	3-3/4" to 4-5/8"
40650	CT500L	4-1/4" to 5-1/8"
40655	CT550L	4-3/4" to 5-5/8"

Spring loaded T-Bolt Hose Clamps

Part No.	Industry Clamp No.	Diameter Range
48306	306	3-1/16 to 3-3/8"
48356	356	3-9/16 to 3-7/8"
48406	406	4-1/16 to 4-3/8"
48413	413	4-1/8 to 4-7/16"
48425	425	4-1/4 to 4-9/16"
48525	525	5-1/4 to 5-9/16"



- 3/4" Band made from 300 series stainless steel.
- T-Bolt, nut and spring are zinc plated steel.
- T-bolt clamps provide uniform sealing pressure for a positive, reliable seal.
- Specifically designed for use in high vibration and large diameter applications.
- Helical spring design provides a continuous load to prevent leaks from temperature fluctuations.
- Typical installations include truck air inlet and water hoses, marine applications, irrigation system hoses, water pump hoses and filter bags.

NOTE: Coil springs should not be compressed to solid when installing. Make sure the nut is positioned 1 to 2 turns from solid. This allows the clamp to expand and contract.

HOSE CLAMPS

Standard Clamp

- 1/2" wide 201 Stainless Steel band.
- Plated carbon steel screw housing.
- 5/16" plated carbon steel screw.
- Features unique interlocking design between the one piece housing and band. This strengthens under tension for maximum torque application and sealing efficiency.
- A general purpose clamp for radiator repairs, fuel and heater hoses, general maintenance repairs and secure clamping on plastic piping or metal conduit.
- Packed 10 per box.

Standard Part No.	Liner Part No.	Industry Clamp No.	Clamping Diameter	
			Minimum	Maximum
40006		6-H	7/16"	25/32"
40008	40508	8-H	1/2"	29/32"
40010	40510	10-H	9/16"	1-1/16"
40012	40512	12-H	11/16"	1-1/4"
40016	40516	16-H	13/16"	1-1/2"
40020	40520	20-H	13/16"	1-3/4"
40024	40524	24-H	1-1/16"	2"
40028	40528	28-H	1-5/16"	2-1/4"
40032	40532	32-H	1-9/16"	2-1/2"
40036	40536	36-H	1-13/16"	2-3/4"
40040	40540	40-H	2-1/16"	3"
40044	40544	44-H	2-5/16"	3-1/4"
40048	40548	48-H	2-9/16"	3-1/2"
40052	40552	52-H	2-13/16"	3-3/4"
40056		56-H	3-1/16"	4"
40060		60-H	3-5/16"	4-1/4"
40064		64-H	3-9/16"	4-1/2"
40072		72-H	4-1/16"	5"
40080		80-H	4-5/8"	5-1/2"
40088		88-H	5-1/8"	6"
40096		96-H	5-9/16"	6-1/2"
40104		104-H	6-1/8"	7"



Miniature Clamp

Standard Part No.	Industry Clamp No.	Clamping Diameter	
		Minimum	Maximum
40002	U-4	1/4"	5/8"
40004	U-6	1/4"	7/8"



CLAMPS & CLAMP RACK

**Empty
Hose Clamp Rack
Part No. 40999**



**Hose Clamp Assortment w/Rack
Part No. 02058
(Ref. catalog page XII-58)**

**Double Ear Zinc
Crimp Clamps**



Part #	Nominal Size	Inches	
		Close	Open
40696	5/16"	0.276	0.354
40697	3/8"	0.319	0.433
40699	1/2"	0.425	0.512
40700	9/16"	0.492	0.591
40702	5/8"	0.591	0.709
40703	3/4"	0.638	0.787
40705	7/8"	0.748	0.906
40706	15/16"	0.827	0.984
40707	1"	0.886	1.063

- Double ear clamps are widely used in maintenance and OEM medium pressure applications. Their single piece construction assures a positive, tamperproof seal without damaging the hose or tubing. "Double ear" design permits compensations for tolerance variations in hose sizes.

**Standard Jaw Pincers
Part No. 40749**



For Crimp style clamps

**Double Ear Stainless Steel Clamp Kit
Part No. 40750**

- Kit contains 15 each of 9mm (5/16"), 11mm (3/8"), 13mm (1/2"), 15mm (9/16"), 18mm (5/8") and 12 each of 20mm (3/4") 23mm (7/8"), 25mm (15/16"), 27mm (1") Clamps, and 1 pair of pincers.



HOSE CONNECTORS

Polyethylene Reducer Connector



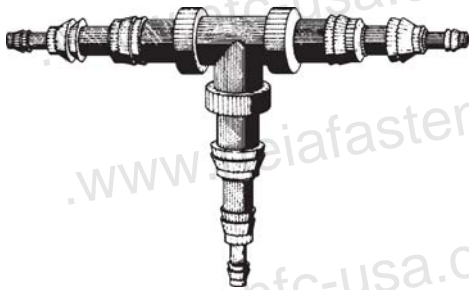
Part No.	Size
41050	1/4 X 3/16
41060	3/8 X 1/4

Polyethylene Hose Connector



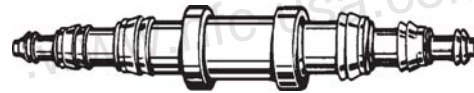
Part No.	Size
41000	1/8 X 1/8
41010	3/16 X 3/16
41020	1/4 X 1/4
41030	5/16 X 5/16
41040	3/8 X 3/8

Universal Break-Off Tee



Part No.	Size
41300	For 1/8, 1/4 or 3/8
41310	For 1/8, 3/16, or 1/8

Universal Tubing Connector



Part No.	Size
41100	For 1/8, 1/4 3/8 tubing

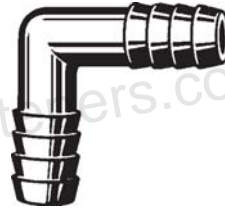
HOSE CONNECTORS

**Polyethylene
Hose Tee Connector**



Part No.	Size
41200	1/8 X 1/8 X 1/8
Following are Barbed on all sides	
41150	5/32 X 5/32 X 5/32
41160	3/16 X 3/16 X 3/16
41170	1/4 X 1/4 X 1/4
41180	3/8 X 3/8 X 3/8
41190	1/2 X 1/2 X 1/2

**Polyethylene
& Hose Elbow**



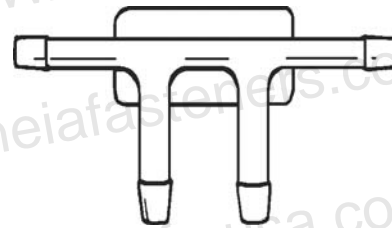
Part No.	Size
41430	1/2 X 1/2 (I.D.)

5 Way Tee Connector



Part No.	Size
41420	All 3/16"

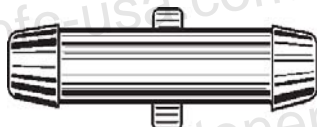
4 Way Tee Connector



Part No.	Size
41400	All 3/16"

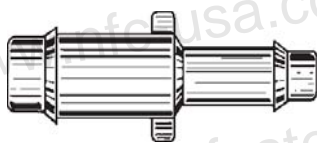
NYLON CONNECTORS

Straight Connector



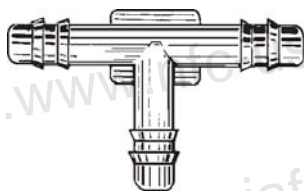
Part No.	Size
42000	1/8" Both Ends
42002	3/16" Both Ends
42004	1/4" Both Ends
42006	5/16" Both Ends
42008	3/8" Both Ends

Straight Reducer



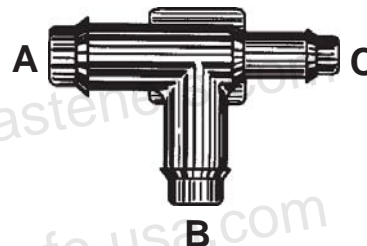
Part No.	Size	
42100	1/8"	3/16"
42102	1/8"	1/4"
42104	1/4"	3/16"
42112	3/8"	1/4"

Tee Connector



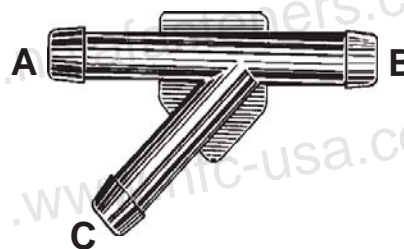
Part No.	Size
42200	1/8" All Ends
42202	3/16" All Ends
42204	1/4" All Ends
42206	5/16" All Ends
42208	3/8" All Ends

Tee Connector Reducing



Part No.	Size		
	A	B	C
42300	1/8"	1/8"	3/16"
42302	3/16"	1/8"	3/16"
42304	3/16"	3/16"	1/8"
42306	3/16"	3/16"	1/4"
42308	1/4"	1/8"	1/8"
42310	3/8"	3/8"	3/16"
42312	3/8"	1/4"	3/8"
42314	3/8"	3/8"	1/4"

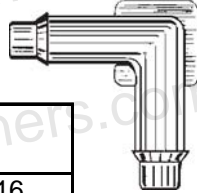
"Y" Connector



Part No.	Size		
	A	B	C
42400	3/16"	3/16"	3/16"
42402	1/4"	1/4"	1/4"
42404	5/16"	5/16"	5/16"
42406	3/8"	3/8"	3/8"
42506	1/4"	1/4"	3/16"

CONNECTORS, PLUGS, & HOSE CUTTER

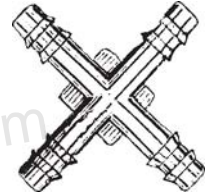
90 Elbow Connector



Part No.	Size
42600	3/16 X 3/16
42602	1/4 X 1/4
42700	1/8 X 3/16
42702	3/16 X 1/4

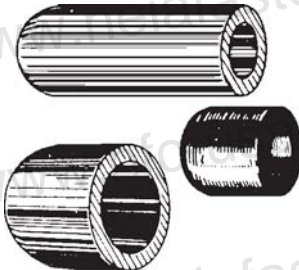
4 Way Connector

Part No.	Size
42800	3/16" All Ends



Rubber Vacuum Cap Special Heat Resistant Material

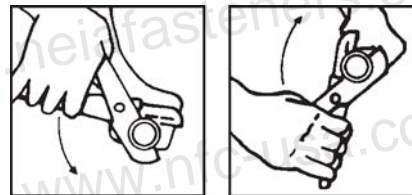
Can be used for capping lines and hoses while testing carburetors, emission control systems, vacuum lines, etc.



Part No.	Fits Tube O.D.	Length
47304	1/8"	
47308	3/16"	
47312	1/4"	5/8"
47320	1/4"	1-1/4"
47322	5/16"	1-1/4"
47325	3/8"	

Hose Cutter Part No. 43000

- Cuts vinyl, rubber, polyethylene, polbutylene and PVC to 1" diameter.
- Cut fuel line, heater hose, silicone hose, vacuum tubing, thinwall PVC, etc.
- Makes clean, professional cut every time.
- Cuts clean, smooth, perpendicular.
- Eliminates ragged edges.
- No more frayed cords hanging out.
- No more loose particles to obstruct line or valves.



Replacement Hose Cutter Blades Part No. 42999

Brake Adjuster Plug Part No. 47300



HOSE

Fuel Line Hose



- Premium fuel line, vapor emission
- SAE J30R7 GM6165M
- Tube: Nitrile
- Cover: Hypalon
- Meets GM6165M. Resistant to extreme temperature ranges.

Part No.	I.D.	Length
43001	3/16"	25 ft.
43002	1/4"	25 ft.
43003	5/16"	25 ft.
43004	3/8"	25 ft.

Wiper & Washer Tubing



- SAE J200 B710
- Tube: EPDM
- Flexible tubing for windshield washers, power antennas and vacuum systems

Part No.	I.D.	Nipple	O.D.	Length
43101	7/64"	1/8"	27/64"	50 ft.
43102	5/32"	3/16"	11/32"	50 ft.
43103	7/32"	1/4"	13/32"	50 ft.
43104	9/32"	5/16"	7/16"	50 ft.

Insulated Heater Hose



- SAE20R3 Class D
- Tube: EPDM
- Cover: EPDM
- 100% EPDM* compound, resists ozone, anti-freeze, high and low temperatures.

Part No.	I.D.	Length
43201	1/2"	50 ft.
43202	5/8"	50 ft.
43203	3/4"	50 ft.
43204	1"	50 ft.

Silicone Heater Hose



- SAE & TMC performance requirements
- Tube: Silicone
- Cover: Silicone
- Color: Blue
- OE truck and heavy duty hose replacement
- Built to handle temperature extremes of -65 to +400 F.

Part No.	I.D.	Length
43210	5/8"	25 ft.

Fuel Injector Hose



- A special hose built to meet and exceed fuel injection requirements for automobiles and light trucks.
- An inner tube of Fluroelastomer (FKM) resists sour gas oxidation.
- Strong polyester reinforcement with a Hypalon cover provides 900 psi burst strength.
- Resistant to temperature ranges of -20 to +302F.
- Exceeds requirements of SAE 30R9 specifications.

Part No.	I.D.	Length
43012	1/4"	25 ft.
43013	5/16"	25 ft.
43014	3/8"	25 ft.