

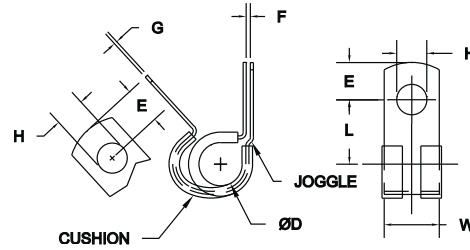


Clip Specifications

Diameter: 1/4" - 4"
Bolt Size: 1/2"
Position: Furnished Open
Notes: Medium duty clip that can be slipped over a tube or wire and closed with a bolt at assembly, one round hole and one slot for ease of alignment, and a developed shape for proper closing.

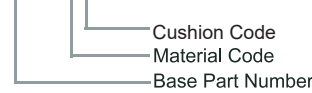
Material Code: A - ASTM A653 CS Type B G90 Galvanized Steel
 B - ASTM A1008 CS Type B Low Carbon Steel Zinc Plate per ASTM B633 Fe/Zn 8 Type VI Yellow
 C - SAE 301/304 Stainless Steel
 D - SAE 5052-H32 Aluminium
 E - SAE 316 Stainless Steel

Cushion Code: A - EPDM Per SAE J200 Color: Black
 B - Neoprene Per AMS 3209 Color: Black
 C - Silicone Per AMS 3303 Color: Red/Orange



Part Number Call Out

F535-008 AA Clamp, Galv, EPDM Cush, 1/2" Dia, 1/2" Bolt



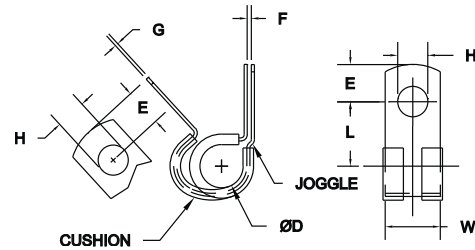
Different sizes, materials and/or finishes not shown can be manufactured to your specifications

| Base Part Number | D | H | L | W | E | F | G | S |
|------------------|-------------------|---------------|------------------|--------|-------------------------|--------|--------------------|-------------|
| | Clamping Diameter | Hole Diameter | Center to Center | Width | Hole/Slot Center to End | Gap | Material Thickness | Slot Length |
| | ± .015 | ± .005 | ± .031 | ± .010 | ± .015 | ± .032 | ± .002 | ± .020 |
| F535-004 | 0.250 | 0.593 | 0.798 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-005 | 0.313 | 0.593 | 0.829 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-006 | 0.375 | 0.593 | 0.861 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-007 | 0.438 | 0.593 | 0.892 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-008 | 0.500 | 0.593 | 0.923 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-009 | 0.563 | 0.593 | 0.954 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-010 | 0.625 | 0.593 | 0.986 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-011 | 0.688 | 0.593 | 1.017 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-012 | 0.750 | 0.593 | 1.048 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-013 | 0.813 | 0.593 | 1.079 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-014 | 0.875 | 0.593 | 1.111 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-015 | 0.938 | 0.593 | 1.142 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-016 | 1.000 | 0.593 | 1.173 | 1.000 | 0.440 | 0.125 | 0.032 | 0.688 |
| F535-017 | 1.063 | 0.593 | 1.224 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-018 | 1.125 | 0.593 | 1.256 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-019 | 1.188 | 0.593 | 1.287 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-020 | 1.250 | 0.593 | 1.318 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-021 | 1.313 | 0.593 | 1.349 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-022 | 1.375 | 0.593 | 1.381 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-023 | 1.438 | 0.593 | 1.412 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-024 | 1.500 | 0.593 | 1.443 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-025 | 1.563 | 0.593 | 1.474 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-026 | 1.625 | 0.593 | 1.506 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-027 | 1.688 | 0.593 | 1.537 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-028 | 1.750 | 0.593 | 1.568 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-029 | 1.813 | 0.593 | 1.599 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-030 | 1.875 | 0.593 | 1.631 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-031 | 1.938 | 0.593 | 1.662 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-032 | 2.000 | 0.593 | 1.693 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-033 | 2.063 | 0.593 | 1.724 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |



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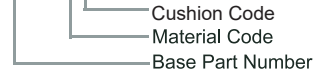


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|------------------|-------------------|---------------|------------------|--------|-------------------------|--------|--------------------|-------------|
| | Clamping Diameter | Hole Diameter | Center to Center | Width | Hole/Slot Center to End | Gap | Material Thickness | Slot Length |
| | ± .015 | ± .005 | ± .031 | ± .010 | ± .015 | ± .032 | ± .002 | ± .020 |
| F535-034 | 2.125 | 0.593 | 1.756 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-035 | 2.188 | 0.593 | 1.787 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-036 | 2.250 | 0.593 | 1.818 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-037 | 2.313 | 0.593 | 1.849 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-038 | 2.375 | 0.593 | 1.881 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-039 | 2.438 | 0.593 | 1.912 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-040 | 2.500 | 0.593 | 1.943 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-041 | 2.563 | 0.593 | 1.974 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-042 | 2.625 | 0.593 | 2.006 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-043 | 2.688 | 0.593 | 2.037 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-044 | 2.750 | 0.593 | 2.068 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-045 | 2.813 | 0.593 | 2.099 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-046 | 2.875 | 0.593 | 2.131 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-047 | 2.938 | 0.593 | 2.162 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-048 | 3.000 | 0.593 | 2.193 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-049 | 3.063 | 0.593 | 2.224 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-050 | 3.125 | 0.593 | 2.256 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-051 | 3.188 | 0.593 | 2.287 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-052 | 3.250 | 0.593 | 2.318 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-053 | 3.313 | 0.593 | 2.349 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-054 | 3.375 | 0.593 | 2.381 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-055 | 3.438 | 0.593 | 2.412 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-056 | 3.500 | 0.593 | 2.443 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-057 | 3.563 | 0.593 | 2.474 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-058 | 3.625 | 0.593 | 2.506 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-059 | 3.688 | 0.593 | 2.537 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-060 | 3.750 | 0.593 | 2.568 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-061 | 3.813 | 0.593 | 2.599 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-062 | 3.875 | 0.593 | 2.631 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-063 | 3.938 | 0.593 | 2.662 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |
| F535-064 | 4.000 | 0.593 | 2.693 | 1.000 | 0.440 | 0.125 | 0.048 | 0.688 |



COMPARISON GUIDE TO ELASTOMER PROPERTIES

| | Natural Rubber | SBR | EPDM | Neoprene | Nitrile | Silicone | Fluorocarbon |
|---------------------------------------|----------------|-------------------|--------------------|---------------|------------------------|----------------|-------------------------|
| Chemical Name | Polyisoprene | Styrene Butadiene | Ethylene Propylene | Chloroprene | Acrylonirile Butadiene | Polysioxane | Fluorinated Hydrocarbon |
| SAE 200ASTM D-2000 Classification | AA | AA, BA | BA,CA,DA | BC, BE | BF,BG,BK | FC,FE,GE | HK |
| ASTM Designation (D-1418) | NR | SBR | EPDM,EPR | CR | NBR | Psi,Pvsi,Si | FKM |
| Physical Properties | | | | | | | |
| Specific Gravity | 0.93 | 0.94 | 0.86 | 1.23 | 1.00 | 0.95 to 1.20 | 1.4 TO 1.95 |
| Durometer Range | 30-100 | 40-100 | 30-90 | 40-95 | 30-90 | 25-90 | 55-90 |
| Tensile Strength | E | F-G | VG | VG | VG | F-G | VG |
| Elongation | VG-E | G | G | G | G | VG-E | F-G |
| Compression Set | G | G | G | F-G | G | G-E | G-E |
| Heat Resistance | F | F-G | VG-E | F-G | G | E | E |
| Resilience or Rebound | E | F-G | G | VG | F-G | G-E | F |
| Impact Resistance | E | E | G | G | F-G | P-G | E |
| Abrasion Resistance | E | G-E | G-E | G-E | G-E | P-F | F-G |
| Tear Resistance | E | F-G | F-G | F-G | F-G | P-F | F |
| Cut Growth | E | G | G | G | G | P-F | P-F |
| Flame Resistance | P | P | P | G | P | F-G | VG-E |
| Impermeability Gas | F | F-G | F-G | F-G | G | F-G | E |
| Weathering Resistance | P-F | F-G | E | VG | F-G | E | E |
| Low Temperature Limit | -10° to -50° F | 0° to -50°F | -20° to -60°F | -10° to -50°F | -30° to -40°F | -65° to -150°F | +10° to -40°F |
| High Temperature Limit | 158° to 225°F | 158° to 225°F | 158° to 225°F | 225°F | 275°F | 400° to 550°F | 400° to 450°F |
| Chemical Resistance Properties | | | | | | | |
| Acid | F-G | F-G | F-G | G | G | F-G | G |
| Alcohols | G | G | G | VG | F-G | G-E | F-E |
| Aliphatic Hydrocarbon Solvents | P | P | P | G | E | P-F | E |
| Alkali | F | F | F-G | E | VG | P | F-G |
| Animal & Vegetable Oils | F | F | F-G | G | VG | G-E | E |
| Aromatic Hydrocarbon Solvents | P | P | P | P-F | F-G | P-F | E |
| Oil & Gasoline | P | P | P | F-G | G-E | P-F | E |
| Oxygenated Solvents | G | G | G | P-F | P | F-G | P-F |
| Water | E | G-E | G-E | G | G-E | G-E | G |

Key E=Excellent VG=Very Good G=Good F=Fair P=Poor

The above information is to be used as a guide and is not intended as a recommendation. Testing should be performed on a particular elastomer before use. Franklin Fastener cannot guarantee the accuracy or be held responsible for the information's end use. It is recommended that each elastomer be tested for its specific application.



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