



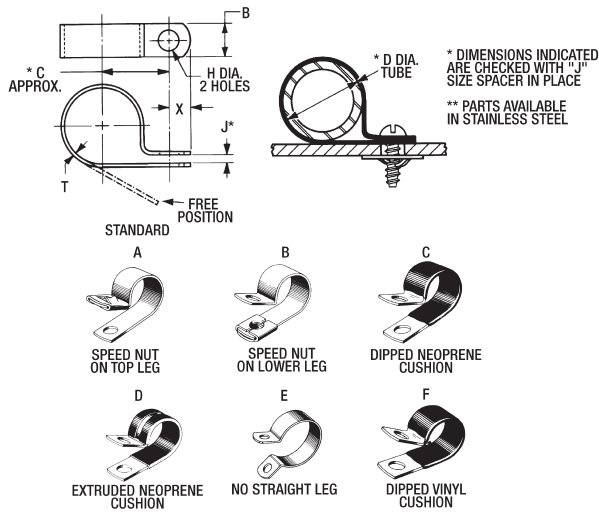
**Material:** All parts are **Spring Steel**, heat treated, unless otherwise specified.  
 The only variations available are those shown with suffix letters in the part number.  
 SS – Stainless Steel BE – Beryllium Copper P – Phosphor Bronze

## Tube, Harness & Hose Clamps

Tinnerman **Tube Clamps** for mounting tube, conduit, cable, wire or other cylindrically shaped objects are available for a wide range of diameters. Standard sizes range from .062" to 2.000" diameters. Larger sizes are available on special order. Made of top quality materials, Tinnerman **Tube-Type Clamps** provide strong, reliable retention and assure dimensional stability.

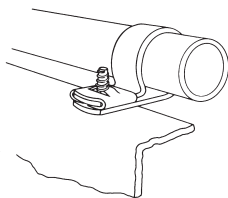
Available with dipped or extruded flame-resistant neoprene cushion to protect against abrasion or chafing, they can also be supplied with a self-retaining **Speed Nut Fastener** on one leg for easier, vibration-resistant installations. This feature offers a tremendous advantage in close quarters where loose or separate parts, such as nuts and lockwashers, create excessive small parts handling and unnecessary delays.

Special designs can be developed to meet special requirements. Many examples of such are shown here and on the following pages.



D Tube Dia.	Des. Var.	H Hole Dia.	B Width	Speed Nut Size	C Ctr. to Ctr.	*J Spacer Thick.	X	T Mat'l. Alum.	Thick. Steel	Part Number
.062	Std.	.173	.380	—	.260	.031	.187	.020	.020	C2980-00**
.093	Std.	.173	.380	—	.290	.031	.187	.032	.031	C2980-0**
.125	Std.	.173	.380	—	.270	.031	.187	.032	.031	C2980-1**
.156	A	.173	.380	8Z	.310	.031	.187	.032	.031	C2981-2
.187	Std.	.199	.380	—	.330	.031	.187	.032	.031	C4886-3**
.250	Std.	.173	.380	—	.360	.031	.187	.032	.031	C2980-4**
	Std.	.199	.380	—	.360	.031	.187	.032	.031	C4886-4**
	A	.173	.380	8Z	.360	.031	.187	.032	.031	C2981-4
	C	.199	.380	—	.380	.031	.187	.032	.031	C4983-4
	F	.199	.380	—	.380	.031	.187	.032	.031	C32607-4
.312	Std.	.173	.380	—	.380	.031	.187	.032	.031	C2980-5**
	Std.	.199	.380	—	.380	.031	.187	.032	.031	C4886-5**
	A	.173	.380	8Z	.380	.031	.187	.032	.031	C2981-5
	C	.199	.380	—	.410	.031	.187	.032	.031	C4983-5
	AD	.173	.380	8Z	.410	.031	.187	.032	.031	C3047-5
.375	Std.	.173	.380	—	.410	.031	.187	.032	.031	C2980-6*
	Std.	.199	.380	—	.410	.031	.187	.032	.031	C4886-6*
	A	.173	.380	8Z	.410	.031	.187	.032	.031	C2981-6
	D	.173	.380	—	.430	.031	.187	.032	.031	C3046-6
	AC	.173	.380	8Z	.430	.031	.187	.032	.031	C3050-6
	AF	.173	.380	8Z	.430	.031	.187	.032	.031	C32601-6
.437	Std.	.173	.380	—	.430	.031	.187	.032	.031	C2980-7
.500	Std.	.173	.380	—	.470	.031	.187	.032	.031	C2980-8
	Std.	.199	.380	—	.470	.031	.187	.032	.031	C4886-8
	A	.173	.380	8Z	.470	.031	.187	.032	.031	C2981-8
	D	.173	.380	—	.480	.031	.187	.032	.031	C3046-8
	AD	.173	.380	8Z	.480	.031	.187	.032	.031	C3047-8
.562	AE	.173	.380	8Z	.530	.050	.187	.032	.031	C3053-9
.625	Std.	.203	.500	—	.640	.062	.250	—	.031	C41434-10
	A	.173	.380	8Z	.500	.062	.187	.032	.031	C2981-10
	AE	.173	.380	8Z	.580	.050	.187	.032	.031	C3053-10
	F	.199	.380	—	.550	.062	.187	.032	.031	C32607-10
.687	A	.173	.380	8Z	.540	.062	.250	.064	.031	C2981-11
	AC	.199	.500	10Z	.720	.062	.250	.064	.031	C3050-11
.750	Std.	.199	.500	—	.720	.062	.250	.064	.031	C2980-12
	BD	.199	.500	10Z	.720	.062	.250	.064	.031	C3048-12

### How to apply Tube-Type Clamps



The standard **Tube-Type Clamp** is formed to allow application over its prescribed tube diameter at any desired location without undue distortion. Once positioned on the tube, the screw is driven and the clamp legs draw together for a tight assembly. The **Speed Nut Fastener** shown in place on this clamp reduces parts handling and accelerates assembly. Tinnerman **Tube-Type Clamps** are available with or without the fastener in place.