**Spacer and Tubular Components Applications**

**GARAGE DOOR HINGE**
Corrosion-resistant, galvanized steel Spacers cost less than cut-off tubing and plated parts.

**EXPANSION BOLT**
A Spacer is used to vary the distance between the expansion sleeve and the bolt head.

**LEAF SPRING**
Hardened Spacers are force fit into the inside diameters of rubber absorption grommets. They absorb bolt compression force and isolate bolt pressure from the rubber grommet.

**UTILITY CART WHEEL ASSEMBLY**
Headed Spacer is clinched into place to replace a bolt or rivet.

**CASTOR WHEEL SOCKET (CASTOR NIB)**
The rolled Spacer is welded to the leg. Socket stem with locking ring is press fit into the inside diameter of the Spacer.

**WHEEL CHAIR**
Spacers that replace cut-off tubing are used to separate the handrail from the rear wheel.

**CONVEYOR SYSTEMS**
Conveyor Spacers separate the skate wheel rollers from each other and the conveyor walls.
SPIROL Application Engineers will review your application needs and work with you to recommend the optimum solution. One way to start the process is to visit our Optimal Application Engineering portal at SPIROL.com.

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