

Technical Bulletin 87

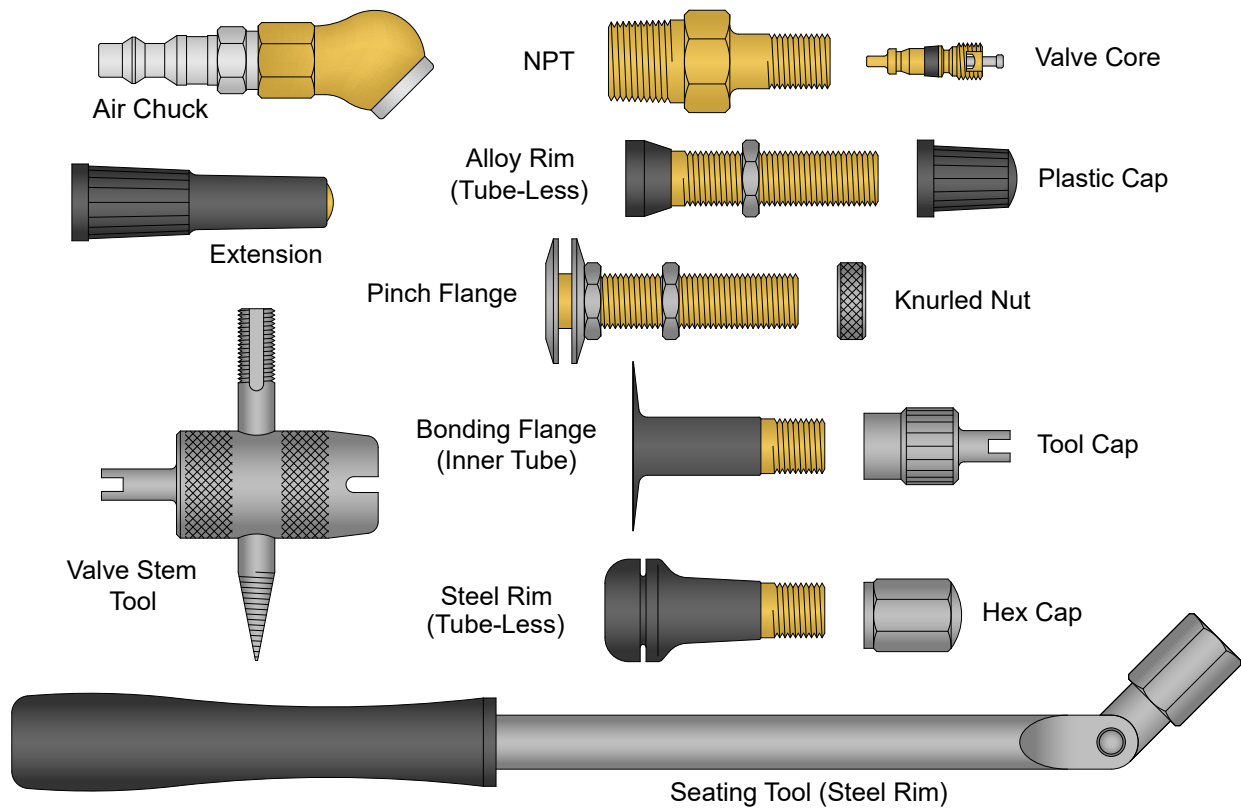
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Schrader Valves

by Brian S. Elliott

Most of us have dealt with the tire valves used on cars, motorcycles and bicycles. These items are referred to as Schrader valves. These little valve are characterized by a brass tube with threads on both the outside and inside diameters. A valve core threads into the inside of the tube and is opened by depressing a small stem that is located on the center of the assembly. When a special air chuck is pressed onto the end of the stem, both the valve core and the air chuck open and compressed air flows into the tire.

While the primary application for Schrader valves are automotive. That being said these valves are used in a number of other industries, the most note worthy is the air conditioning and refrigeration community.



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