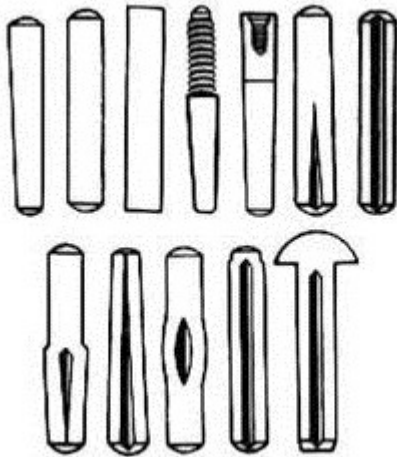




VRE-Dowel Pins



Our organization is engaged in manufacturing and exporting comprehensive range of solid dowel pin in accordance with the industrial standard. Solid dowel pin are available in different material such as mild steel, En-8, silver steel and duly harden as per the specification of our clients.

SPECIFICATION:

Available in different sizes from Dia. 2mm to 25mm

- Grooved Pins
- Dowel Pins
- Internal-External Threaded Taper Pins
- Spring Dowel Pins
- Taper Pins

Dowel Pins is used either to retain parts in a fixed position or to preserve alignment. Dowel pin -soft are manufactured to IS: 2393, DIN – 7, ISO : 2338 for metric series and B5 : 1804 for inch series. Our range of manufacturing is 2 mm to 25 mm in diameter and 5 mm to 150 mm in length, a few of them are illustrated as follows: Dowel pins are UN – hardened and are made from C-40 (EN-8) or hardened from silver steel (EN-31) material. Hardened Dowel Pin are manufactured to IS : 6689, DIN – 6325, ISO : 8734 for metric series and B5 : 1804 for inch series. Internal Threaded Cylindrical (Dowel) Pin Soft ware for easy extraction from blind holes. They are manufactured in soft condition from C – 40 (EN -8) material. Internal Threaded Cylindrical (Dowel) Pin Hard is manufactured from case hardened alloy steel or as per buyer requirement. Air vent is provided for easy entry. Our range of manufacturing for Internal Threaded Cylindrical Pin is 6 mm to 25 mm in diameter and 25 mm to 100 mm in diameter in length. Dowel Pins are industrial fasteners that are used in aerospace, military, construction and other industrial industries. Their primary function is for fastening two components but they are frequently used as an alignment or locating pin for components that are disassembled and reassembled. Frequently they are used as a hinge



pin between pivoting components or as an axle for a rotating element. Dowel Pins can be made out of any rigid material including wood, steel and plastic. The most common materials for industrial applications are hardened alloy steel and stainless steel. Wood and plastic is most frequently used for fastening wooden objects such as furniture. Dowel Pins are available in a wide range of diameters and lengths in both imperial (inch) and metric (mm) sizes. Dowel Pins are made to commercial diameter tolerances of approximately plus or minus 0.005 inch (0.13mm) or to precision diameter tolerances which are normally plus or minus 0.0001 inch (0.0025mm).

TYPES OF DOWEL PINS:

- Parallel dowel pins
- Stepped dowel pins
- Pull dowel pins
- Commercial dowel pins– These are parallel dowel pins that are made to commercial
- Diameter tolerances of approximately plus or minus 0.005 inch (0.13mm).
- Precision dowel pins– These are parallel dowel pins that are made to precision
- Diameter tolerances which are normally plus or minus 0.0001 inch (0.0025mm).
- A precision dowel pin is needed for an interference fit.
- Tapered Dowel pins–The most common taper is $\frac{1}{4}$ " per foot.
- Roll Pins (Spring Pins)
- Spiral Pins
- [Grooved Pins](#)