

The function of tube clamps is the fixing of straight tubes, bent tubes and hoses. Their notable features are re-set capability, high tensile strength, very high abrasion resistance and excellent resistance to cold.

Programme:

Series A tube clamps (according to DIN 3015 Part 1) are available in seven standard sizes for normal mechanical requirements. The clamp body is available in a round/closed version. Other elements are welding plates, rail supports, cover plates and construction types.

Series B tube clamps (according to DIN 3015 Part 3) are available as a twin tube clamp in five standard sizes for normal mechanical requirements. The clamp body is available in a square/open design. Other components are welding plates, rail supports, cover plates and construction types. Clamp halves with different diameters are only possible when used together.

Series C tube clamps (according to DIN 3015 Part 2) are specially designed for high mechanical requirements and are available in eight standard sizes. The clamp body is available in a square/closed design. Other components are welding plates, rail supports, cover plates and construction types. The design is according to DIN 3015 - both upper and lower clamp-halves are identical. Webs inside the bores of the clamps provide an impact and vibration-deadening effect and absorb the forces towards the direction of the tube axis. When using hoses and cables, we recommend the use of clamp halves with a smooth bore.

Technical specifications:

Series A: The outside tube diameters for the metric series are from 6 to 57 mm. The outside tube diameters for the inch-size series R are from 1/8" to R 1". The outside tube diameters for the imperial size series are from 1/4" to 2 1/2".

Series B: The outside tube diameters are from 6 to 42 mm.

Series C: The outside tube diameters are from 6 to 220 mm.

Clamp material: Polypropylene -30°C up to +90°C, colour dark green
Polyamide -40°C up to +120°C, colour black
Rubber -50°C up to +120°C, colour black
Aluminium up to +300°C
All metal parts are also available in stainless steel. Other materials upon request. Stainless steel qualities are to 1.4401/1.4571 (AISI 316/316 Ti), resistant to rust and acid.

Markets: Automotive, Defence, Energy, Environment, Industrial, Infrastructure, Machine Tools, Materials Handling, Mobile, Oil and Gas, Power Generation, Process, Transportation, Water.

Applications: Suitable for general hydraulic applications.

Features/Benefits of EO tube clamps: The function of tube clamps is the fixing of straight tubes, bent tubes and hoses, the broad product range of Parker tube clamps helps to find a solution for all requests and therefore extends the range of applications. Their notable features are re-set capability, high tensile strength, very high abrasion resistance and excellent resistance to cold. This range of features enlarges the number of possible applications and stretches the life-cycle of tube clamps.

Performance Characteristics

Accessories

2 clamp halves, welding plate short, weld/screw plate long, twin welding plate, multiple weld plate, weld plate angled, mounting rail for series A and B, rail nut, cover plate, slot head screw, hexagon head screw, socket head screw, stacking, locking plate, locking washer, 4 clamp halves, double weld plate, weld plate, weld/screw plate, mounting rail, double cover plate, Elastomere Inlay for HSRS, Clamp body, Clamp body with elastomer inlay, Elastomer inlay, Multiple weld plate angled, SLA, RAP, APKA, ISA, RAP, APKA, SSLA, DPA, RAP, APKA, SLA, RAP, APLA, ISA, RAP, APLA, SSLA, DPA, RAP, APLA, SLA, RAP, TMA

Material

Polypropylene, Polypropylene inside smooth, Polyamide 6, Polyamide 6 inside smooth, Rubber, Aluminium, Steel

Type

Tube clamps series A (Light construction series) - Components, Tube clamps series A and B - Components, Tube clamps series B (Twin-tube clamps) - Components, Tube clamps series A (Light construction series) - Complete range, Tube clamps series B - Complete range, Tube clamps series C (Heavy series) - Components, Tube clamps series C (Heavy series) - Complete range, Tube clamps series O, Double-Tube clamps series O, Hydraulic steel clamps, Tube Clamps with Elastomer Inlay Series A, Tube Clamps with Elastomer Inlay Series C, Tube clamps series 2+5 (Light construction series)