

Catalogue Valve Handles

Sterling Tools

Press tools, Sheet metal components and Sub-assemblies.

Sterling Tools has been serving the high precision sheet metal component industry since 1988. With an experience of over three decades in the industry, we have established our footprint by serving our customers in various industries by producing durable and cost-effective products. We have designed and produced press tools, sheet metal components and sub-assemblies for various sectors such as agriculture, automotive, chemical valve, food, railway and many more.

Our experienced engineers and workers are committed to satisfying our customers every requirement. Besides producing our own standard products, we are more than happy to develop custom solutions and products for your requirements – or in a structured manner bring your specifications to series production. We believe that virtually nothing is impossible: Years of experience in this sector has helped us create the most eccentric and cost-effective solutions for large range of products.

We tailor all your high-volume productions to your needs. Our team carefully develops the design and production processes to achieve this. Where others solely depend upon conventional techniques of production, we test and devise alternative modes of production to either reduce the production time or cost of the product or to satisfy any other requirements our customers might have. In that way our customers obtain extremely precise and ready to process products cost-effectively and reliably.

Ours is a second-generation family owned business. We have a culture of reliability, tolerance, open-mindedness and a sense of accountability within our company and that can always be expected from us. Locally grown – expanding worldwide: our customers across India, Asia and Europe appreciate it!



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**Our Standard Hand Levers for
Valve Industry!**



1381-ST

Notch Plate Specifications




- >> Size: $\varnothing 64$ mm x 3 mm thickness
- >> 7 notches and open - shut marking through a sweep angle of 90° .
- >> Available mounting configurations.
 - a. F05, two holes of $\varnothing 6.80$ mm on 50 mm pitch circle diameter, 180° apart.
- >> Limit stoppers.
Head of cap screws used for mounting the notch plate restrict the lever travel beyond 90° .
- >> 10-15 μm thick electro-galvanized glossy surface (yellow or chrome shaded)



Hand Lever Specifications

- >> Hand Lever Length: 176 mm
- >> Lever suitable for water type butterfly valves with a diameter of up to 50 mm (1"-2" valves) or working pressure of 1.6 MPa.
- >> Knock fit the hand lever on the stem shaft and to be locked with a M8x10 set screw.
- >> Surface finishing done by hard epoxy coating of 50-60-micron thickness.

Standard Hand Lever Inner Bush Profiles (in mm)

		
Circular $\varnothing 12.72$ (1/2")	Square 11x11	Double-D $\varnothing 12 \times 9$

1372-ST

Notch Plate Specifications




- >> Size: $\varnothing 90$ mm x 3 mm thickness
- >> 10 notches and open - shut marking available through a sweep angle of 90° .
- >> Available mounting configurations
 - a. F07, two oval holes of $\varnothing 10 \times L15$ on 180 mm pitch circle diameter and 180° apart.
 - b. F07, four holes of $\varnothing 9$ mm on 70 mm pitch circle diameter and 90° apart.
- >> Limit stoppers in built in the design.
- >> 10-15 μm thick electro-galvanized glossy surface (yellow or blue)



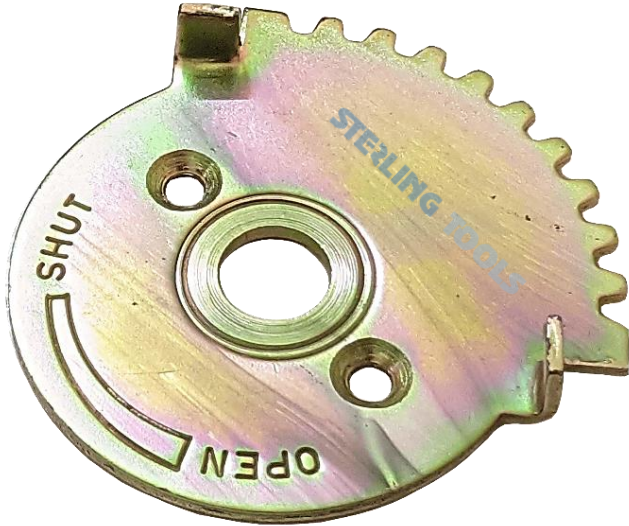
Hand Lever Specifications

- >> Hand Lever Length: 260 mm
- >> Lever suitable for water type butterfly valves with a diameter of up to 150 mm (3" - 6" valves) or working pressure of 1.6 MPa.
- >> Knock fit the hand lever on the stem shaft and to be locked with a M8x16 bolt or M8x10 set screw.
- >> Surface finishing done by hard epoxy coating of 60-80 micron thickness.

Standard Hand Lever Inner Bush Profiles (in mm)

		
Circular $\varnothing 12.72$ (1/2") $\varnothing 15.87$ (5/8") $\varnothing 19.05$ (3/4")	Square 11x11 14x14 17x17	Double-D $\varnothing 12 \times 9$ $\varnothing 16 \times 11$ $\varnothing 19 \times 13$

1371-ST



Notch Plate Specifications




- >> Size: $\varnothing 95$ mm x 3 mm thickness
- >> 10 notches and open – shut marking available through a sweep angle of 90°.
- >> Available mounting configurations
 - a. F05, two holes of $\varnothing 6.5$ mm on 50 mm pitch circle diameter and 180° apart.
 - b. F07, four holes of $\varnothing 9$ mm on 70 mm pitch circle diameter and 90° apart.
- >> Limit stoppers in built in the design.
- >> 10-15 μ m thick electro-galvanized glossy surface (yellow or blue)



Hand Lever Specifications

- >> Hand Lever Length: 265 mm
- >> Lever suitable for water type butterfly valves with a diameter of up to 150 mm (3" - 6" valves) or working pressure of 1.6 MPa.
- >> Knock fit the hand lever on the stem shaft and to be locked with a M8x16 bolt or M8x10 set screw.
- >> Surface finishing done by hard epoxy coating of 60-80 micron thickness.

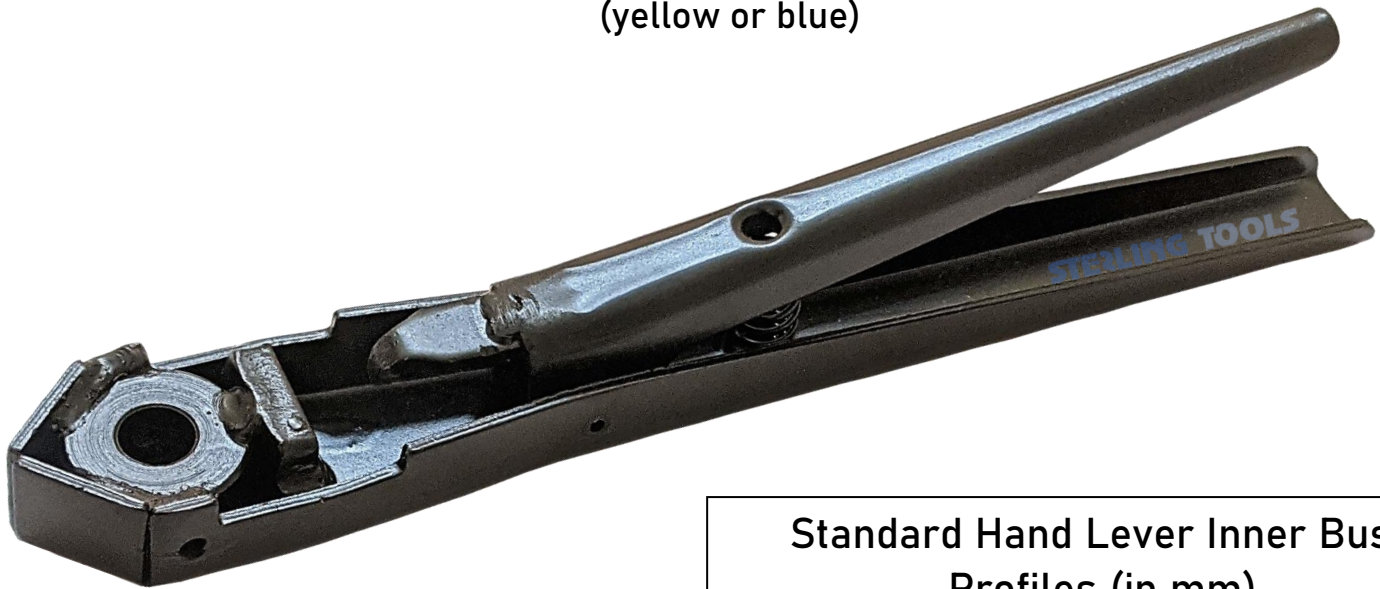
Standard Hand Lever Inner Bush Profiles (in mm)

		
Circular $\varnothing 12.72$ (1/2") $\varnothing 15.87$ (5/8") $\varnothing 19.05$ (3/4")	Square 11x11 14x14 17x17	Double-D $\varnothing 12 \times 9$ $\varnothing 16 \times 11$ $\varnothing 19 \times 13$

1369-ST

Notch Plate Specifications




- >> Size: $\varnothing 64$ mm x 3 mm thickness
 - >> 7 notches and open – shut marking available through a sweep angle of 90° .
 - >> Available mounting configurations
 - a. F05, two holes of $\varnothing 6.5$ mm on 50 mm pitch circle diameter and 180° apart.
 - >> Limit stoppers.
- Head of cap screws used for mounting the notch plate restrict the lever travel beyond 90° .
- >> 10-15 μm thick electro-galvanized glossy surface (yellow or blue)



Hand Lever Specifications

- >> Hand Lever Length: 268 mm
- >> Lever suitable for water type butterfly valves with a diameter of up to 150 mm (3" - 6" valves) or working pressure of 1.6 MPa.
- >> Knock fit the hand lever on the stem shaft and to be locked with a grooved pin of $\varnothing 3/16$ " (4.76 mm) or $\varnothing 1/4$ " (6.35 mm).
- >> Surface finishing done by hard epoxy coating of 60-80 micron thickness.

Standard Hand Lever Inner Bush Profiles (in mm)

		
Circular $\varnothing 12.72$ (1/2") $\varnothing 15.87$ (5/8") $\varnothing 19.05$ (3/4")	Square 11x11 14x14 17x17	Double-D $\varnothing 12 \times 9$ $\varnothing 16 \times 11$ $\varnothing 19 \times 13$

Hand Lever Specifications

>> Stamped and formed standard sheet metal hand levers suitable for ball valves of various diameters.



- >> Electro-galvanized levers for resistance against corrosion.
- >> Tailor made designs also available.

Pressed Hand Wheels >> Sturdy pressed hand wheels with sheet metal for gate valve applications.



Standard Sizes
 $\Phi = 50-100 \text{ mm}$

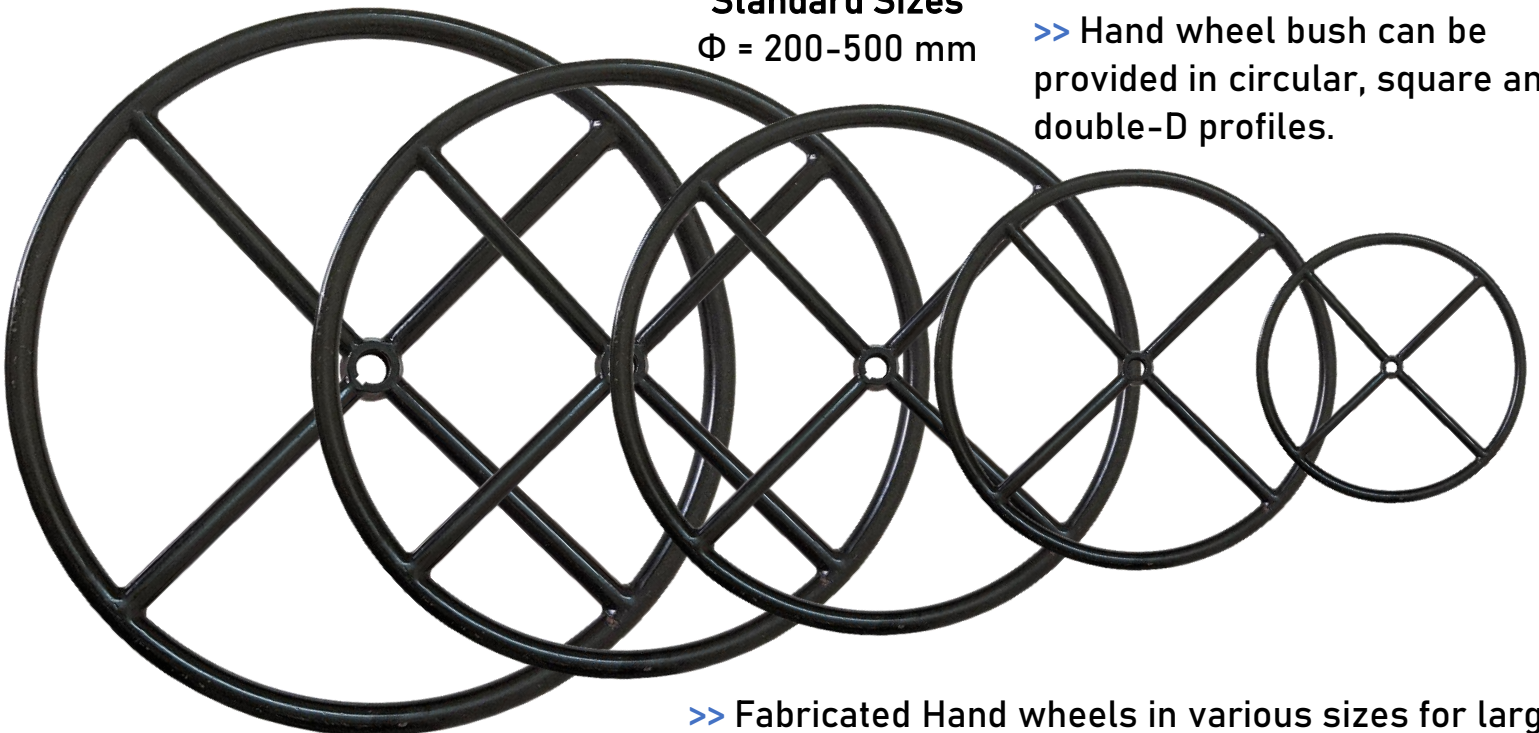


>> Pressed hand wheels with sheet metal thickness of up to 6 mm possible.

Fabricated Hand Wheels

Standard Sizes
 $\Phi = 200-500 \text{ mm}$

>> Hand wheel bush can be provided in circular, square and double-D profiles.



>> Fabricated Hand wheels in various sizes for large torque applications in large gearbox operated valves.



Valve Accessories, Sheet metal components, Steel Pallets.

Contact

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