Center Reducer Products & Catalog Descriptions

Center reducer products are categorized by industry, material, and connection style to align two different diameters or widths along a shared centerline. Below is an overview of commercial center reducer products across piping and electrical cable trays, along with ready-to-use product description templates.

Industrial & Plumbing Pipe Reducers

These symmetrical, cone-shaped fittings connect pipes of varying diameters while minimizing fluid turbulence and pressure drop.

GI Buttweld Concentric Reducer Class 'C' Heavy 20X15 — **₹136.00** | amazon.in

- **Material & Class:** Heavy-duty Class 'C' Galvanized Iron (G.I.) for corrosion resistance.
- **Connection:** Beveled buttweld ends for permanent, leak-proof industrial welds.
- **Use Case:** High-pressure process lines, water supply, and vertical piping.

Reducer Concentric 60,3 x 33,7 x 2 Stainless 316L — **₹778.30** | e-Italinox.pl

- **Material & Dimensions:** 316L stainless steel, DN 50/25 (2" x 1"), 79.8 mm height.
- **Connection:** Welded concentric ends for hygienic or corrosive environments.
- **Use Case:** Chemical processing, food-grade lines, and high-purity fluid systems.

Charlotte Pipe Schedule 40 Reducing PVC Coupling 1 in. X 3/4 — **₹1,396.00** | amazon.in (4.7 ★ / 49)

- **Material & Rating:** Lead-free Schedule 40 PVC rated up to 480 psi and 140°F.
- **Connection:** Slip (socket x socket) ends installed with primer and solvent cement.
- **Use Case:** Potable water plumbing and underground pressure systems.

Electrical Cable Tray Center Reducers

Used in commercial and industrial wiring to transition cleanly from a wider tray to a narrower tray with equal taper on both sides.

MS Cable Tray Reducer, Hot Rolled, 10mm Thickness, Galvanized, 300 MPa — **₹1,550.00** | BazarGPT

- **Material & Strength:** Hot-rolled mild steel with galvanized coating and 300 MPa tensile strength.
- **Build:** Heavy-duty 10 mm plate thickness for high-load industrial cable runs.

Perforated Cable Tray Reducer - Material Steel **₹1,30,000.00** | Tradeindia.com

- **Material & Finish:** Powder-coated silver steel with a 200 mm side rail height.
- **Design:** Perforated base for heat dissipation and easy cable tying.

RRP Ladder Cable Tray Straight Transition (50-200 Mm) **₹950.00** | BazarGPT

- **Material:** Corrosion-resistant FRP/RRP composite for indoor or outdoor setups.
- **Dimensions:** Supports side rail heights from 50 mm to 200 mm.

Sample Catalog Product Descriptions

Ready-to-use templates for e-commerce stores, tenders, or product catalogs:

For Piping (Metal/PVC)

Concentric (Center) Pipe Reducer: Precision-engineered symmetrical fitting designed to connect pipes of different diameters along a common central axis. Ideal for vertical pipelines, pump discharge lines, and gas systems where uniform flow reduction and minimal turbulence are required. Available in butt-weld, threaded, and solvent-weld socket configurations.

For Cable Trays

Center Cable Tray Reducer: Symmetrical transition fitting used to join two cable trays of different widths while keeping the cable run aligned along the center. Tapered equally on both sides for balanced load distribution and smooth cable routing without sharp bends. Available in perforated, ladder, and solid-bottom profiles with hot-dip galvanized or powder-coated finishes.

For HVAC Ducting

Concentric Duct Reducer: Double-tapered sheet metal transition piece designed to step down round or rectangular ductwork along the same centerline. Engineered to maintain balanced airflow velocity and reduce static pressure loss in supply and return air systems.