



Premium Solid Brass Ball Side Outlet Tee – 38mm Diameter Ø – Polished Brass

Variant code: WBR38090PB

Premium Solid Brass Ball Side Outlet Tee | 38mm Ø | Polished Brass

Engineered for both structural integrity and high-end aesthetics, this 38mm diameter component is the professional choice for luxury handrails, footrails, and decorative shelving systems.

Crafted from high-grade solid brass, this fitting features a smooth, spherical "ball" junction that provides a seamless transition for three-way pipe connections. The **mirror-polished finish** offers a timeless, golden glow that matures beautifully over time or can be maintained for a permanent high-shine look.

Key Features

- **Solid Brass Construction:** Unlike plated zinc or hollow steel alternatives, this is 100% solid brass for superior corrosion resistance and weight.
- **Precision 38mm (1.5") Bore:** Designed specifically to fit standard 38mm OD (Outside Diameter) tubing with a snug, secure fit.
- **Side Outlet Configuration:** Perfect for corner joints where a vertical post meets two horizontal rails at a 90-degree angle.
- **High-Lustre Polished Finish:** Hand-buffed to a mirror finish, suitable for high-end residential and commercial interiors.
- **Industrial Grade Durability:** Built to withstand the high-traffic demands of bars, restaurants, and hotels.

Comparison: Premium Solid Brass vs. Standard Competitor

When sourcing hardware, the "look" can be

deceiving. Here is how our premium fitting stands up against standard market alternatives:

Feature	Our Premium Brass Tee	Standard Competitor (Budget)
Material	100% Solid Extruded Brass	Zinc Alloy or Brass-Plated Steel
Weight	Substantial & Heavy (Durable)	Lightweight (Prone to denting)
Finish	Deep, Mirror-Polished Gold	Thin Electroplated Coating
Longevity	Can be polished indefinitely	Finish flakes/peels over time
Corrosion	Naturally Rust-Proof	Rusts if plating is scratched

Technical Specifications

- **Outer Diameter (Ø):** 38mm
- **Style:** Ball Side Outlet (3-Way)
- **Material:** C27200 / C36000 Grade Brass
- **Finish:** Polished Brass (Unlacquered available on request)
- **Connection Type:** Slip-fit (secured via grub screw or high-strength epoxy)

Frequently Asked Questions (FAQ)

Is this fitting suitable for outdoor use?

Yes. Solid brass is naturally resistant to corrosion and salt air. While it will develop a natural patina (darken) outdoors, its structural integrity will not be compromised. To maintain the shine outdoors, regular polishing or a clear coat lacquer is recommended.

How do I secure the 38mm tubing into the tee?

Our tees are designed for a precision slip-fit. Most installers use a high-strength structural adhesive (like Loctite) for a seamless look, or drill and tap a small grub screw for a mechanical fix.

What is the difference between a "Side Outlet" and a standard Tee?

A standard Tee connects three pipes in a single plane (like a "T" shape). A Side Outlet Tee adds a third dimension, allowing pipes to exit at 90 degrees to one another—essential for the top corners of a railing or a square frame.²

Can I use this for plumbing?

No. This is an architectural component designed for handrails, footrails, and furniture. It is not pressure-rated for water or gas plumbing.

Ideal Applications

- **Commercial Bars:** Luxury footrails and bar-top glass racks.
- **Retail Displays:** High-end garment racking and shelving units.
- **Residential:** Elegant staircase handrails and balustrades.
- **Marine:** Decorative trim in boat interiors (highly salt-resistant).

Pro Tip: To maintain the "brand new" mirror finish, we recommend a quick wipe with a microfiber cloth and a dedicated brass cleaner once a month in high-traffic areas.