Board Retaining Coupler

Pressed or drop-forged clamp that holds timber toe boards and working platforms onto scaffold ledgers.



Material	Q235 / 45# Carbon Steel
Surface Finish	Hot-dip galvanized 45–70 µm / Electro-zinc / Painted
Minimum Order	500 pcs
Packing	100 pcs per carton, or 200 pcs per woven bag, on steel pallets
Delivery	15–25 days after deposit and sample approval

Product Overview

The board retaining coupler traps a timber board against the ledger so toe boards and platform boards cannot slide or lift. MerForge supplies it in two versions from the same line: pressed 2.5 mm sheet steel for cost-effective fleet volume, and a drop-forged body with a thick folded jaw for rough site handling and many hire cycles. Both share the same M12 hand-tightened fixing and the same slim profile that keeps walkways clear.

Core Features

Pressed and Drop-Forged Versions	Pressed 2.5 mm sheet steel for a low unit cost, or a die-forged carbon steel body for heavy-duty, long-life service. State the version you need when ordering.
Board Retaining Lip	A folded lip grips the timber board edge so the board cannot slide out or lift under foot traffic.
Hand-Tightened M12 Fixing	One M12 bolt with a wing nut tightens by hand for board fixing; a hex nut is available where higher, repeatable torque is needed.
Slim and Light Profile	The thin body keeps walkways clear and cuts transport cost, while bulk storage and pallet loading stay simple.
Zinc Plated, Galvanized or Painted	Electro-zinc plated as standard, with hot-dip galvanizing or painting for coastal and long-life sites.

Standard Specifications

Process	Drop-forged and pressed sheet-steel versions both available
Product Type	Board retaining coupler / toe board clamp
Manufacturing Process	Pressed and folded sheet steel, or drop-forged carbon steel body

Material	2.5 mm Q235 sheet steel (pressed) / Q235 and 45# steel (forged)
Compatible Tube	48.3 × 3.2 mm scaffold tube
Fastener	M12 bolt with wing nut or hex nut
Surface Finish	Electro-zinc plated / hot-dip galvanized 45–70 µm / painted
Unit Weight	Approx. 0.35 kg (pressed) / 0.55 kg (forged)
Standard Reference	BS 1139 / EN 12811 practice

Recommended Applications

Toe Boards	Fixing timber toe boards along the edge of every working platform.
Working Platforms	Securing platform boards so they cannot lift or slide during use.
Rental Fleets & Industrial Maintenance	A consumable restocked in bulk by hire companies; the forged version also suits refinery, plant and shipyard access scaffolds.

Request a quotation — email **visitor@merforge.com** or WhatsApp **+8615920592749**. We reply within 24 hours. Dimensions follow EN 74 / BS 1139 series; custom sizes produced to drawing.