Guangzhou Merforge Trading Co., Ltd.
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Swivel Coupler

Drop-forged 360° coupler for connecting two scaffold tubes at any angle.



Material	Q235 / 45# Carbon Steel
Surface Finish	Hot-dip galvanized 45–70 µm / Electro-zinc / Painted
Minimum Order	500 pcs
Packing	25 pcs per carton, or 50 pcs per woven bag, on steel pallets
Delivery	15–25 days after deposit and sample approval

Product Overview

The swivel coupler uses a riveted central hinge between two bolted jaws, so the two tubes it holds can be set at any angle from 0° to 180°. It is the fitting behind diagonal bracing, rakers and splayed frames — anywhere the scaffold has to change direction.

Core Features

360° Adjustable	A riveted swivel plate lets both jaws rotate freely, locking at any angle the design requires.
Drop-Forged Jaws	Both clamping bodies are die-forged for consistent strength under repeated cyclic loading.
Rivet & Bolt Construction	Solid steel rivet plus two M12 T-bolts deliver high slip resistance without distortion.
Bracing Ready	Specified for ledgers-to-standard bracing and for tying scaffolds back into the structure.
Galvanized or Painted	Hot-dip galvanized for permanent outdoor work, painted for colour-coded rental stock.

Standard Specifications

Process	Drop-forged and pressed sheet-steel versions both available
Product Type	Swivel coupler / 360° adjustable double coupler
Manufacturing Process	Drop forged (heavy duty) / pressed steel available
Material	Q235 carbon steel / 45# steel rivet
Compatible Tube	48.3 × 3.2 mm scaffold tube (EN 74 Class A)
Fastener	M12 T-bolt with hex nut or wing nut

Surface Finish	Hot-dip galvanized 45–70 µm / electro-galvanized / painted
Unit Weight	Approx. 1.30 kg (forged), 0.95 kg (pressed)
Standard Reference	EN 74-1 / BS 1139-2.2

Recommended Applications

Diagonal Bracing	Fixing ledger-to-standard bracing on every bay of a facade scaffold.
Rakers & Bridging	Connecting raking shores and bridging bays where the scaffold changes direction.
Complex Frame Geometry	Any node where two tubes must meet at an angle other than 90°.

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.