PRECISION HYDRAULIC FITTINGS & CUSTOM MACHINED COMPONENTS

G.S. ENTERPRISES

Product Catalog | Direct Manufacturer OEM & Bulk Supply

DIRECT INQUIRY
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> **Direct Workshop Manufacturing:** G.S. Enterprises manufactures precision hydraulic T-adapters, brass hex nipples, and custom-machined industrial fittings. We partner directly with OEMs, machinery builders, and fluid-power distributors to deliver factory-direct pricing, consistent dimensional accuracy, and dependable batch turnaround without middleman markups.

CORE PRODUCT LINEUP

1. Hydraulic T-Adapters

3-way branch and run tee connectors engineered for hydraulic circuits and fluid distribution manifolds.

- Equal & reducing tee configurations
- Male-Male-Female & All-Male ends
- Clean internal bore & burr-free seats

2. Brass Hex Nipples

Precision-turned hexagonal male-to-male nipples for hydraulic, pneumatic, and industrial fluid connections.

- Equal & reducing step-down sizes
- Crisp wrench flats & clean chamfers
- Smooth parallel & tapered threading

3. Custom Machined Fittings

Turned and milled fluid-power components manufactured directly to customer technical drawings or physical samples.

- Elbows, bulkhead unions & reducers
- Hose ferrules, weld nipples & bushes
- Non-standard thread & hex profiles

PRODUCT CONFIGURATION & THREADING MATRIX

Product Category	Available Configurations	Thread Standards	
Hydraulic T-Adapters	Equal Tee, Reducing Tee, Branch Tee, Run Tee, Swivel Nut Tee	BSP (BSPT / BSPP), NPT/NPTF, JIC (37° Flare), Metric	
Brass Hex Nipples	Equal Hex Nipple, Reducing Hex Nipple, Long Barrel Hex Nipple	BSP (BSPT / BSPP), NPT, Metric Parallel & Tapered	

Product Category	Available Configurations	Thread Standards	Primary Materials
Custom Machined Fittings	90°/45° Elbows, Straight Unions, Bulkhead Adapters, Hose Ends, Caps & Plugs	BSP, NPT, JIC, Metric (Custom pitches & tolerances on request)	Brass, SS304, SS316, MS / EN8

TECHNICAL SPECIFICATIONS & WORKSHOP CAPACITY

Capability Parameter	Technical Standards & Production Scope
Supported Material Grades	Brass, Stainless Steel, and Mild / Carbon Stee with optional zinc or nickel plating.
Thread Standards	BSP (BSPT / BSPP), NPT / NPTF, JIC (37° Flare), and Metric (DIN / ISO parallel & tapered threads) machined with sharp crests and clean root profiles for reliable sealing.
Workshop Machinery	Configured for continuous bar turning, precision threading, deep-hole drilling, hexagonal milling, and deburring operations.
Batch Sizes & Production Runs	Structured to handle small-to-medium custom batches as well as recurring bulk production schedules with predictable dispatch timelines.
Custom Drawing Capability	Build-to-print manufacturing from 2D PDF blueprints, CAD drawings, or physical reference samples, including custom wrench flats, bore diameters, and port combinations.

INDUSTRIAL APPLICATIONS & BUYER SECTORS

Buyer Sector	Product Supply & Application Scope
Agricultural & Tractor Hydraulics	Durable brass and steel connectors for hydraulic lifts, power steering lines, and farm implements.
Industrial Machinery & Presses	Custom-machined fluid-power fittings for hydraulic power packs, injection molding machines, and factory automation.
Hydraulic Hose & Hardware Distributors	Consistent bulk replenishment of standard BSP, NPT, JIC, and Metric nipples and tees at direct workshop rates.

REQUEST A QUOTE (RFQ)

Send your part list or drawing for direct factory pricing.
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