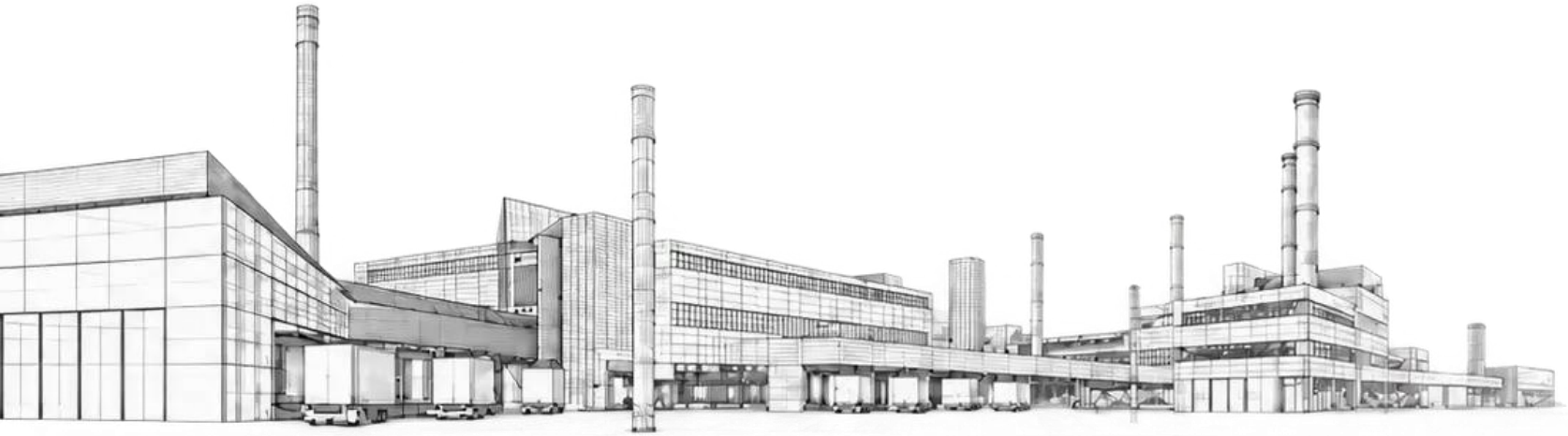
VIETNAM PIPE FITTINGS MANUFACTURING INSIGHT

Common fitting types: Connectors, Elbows, Tees, Flanges, Couplings & Nipples
Key materials: Carbon Steel, Brass & Stainless Steel





Key Insight

Manufacturing Capability Insights
Supplier Recommendations & Profiles.

Prepared by
Vietnam Factory Insight
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www.vietnamfactoryinsight.com

VIETNAM FITTINGS: PRODUCT AND MATERIAL OVERVIEW

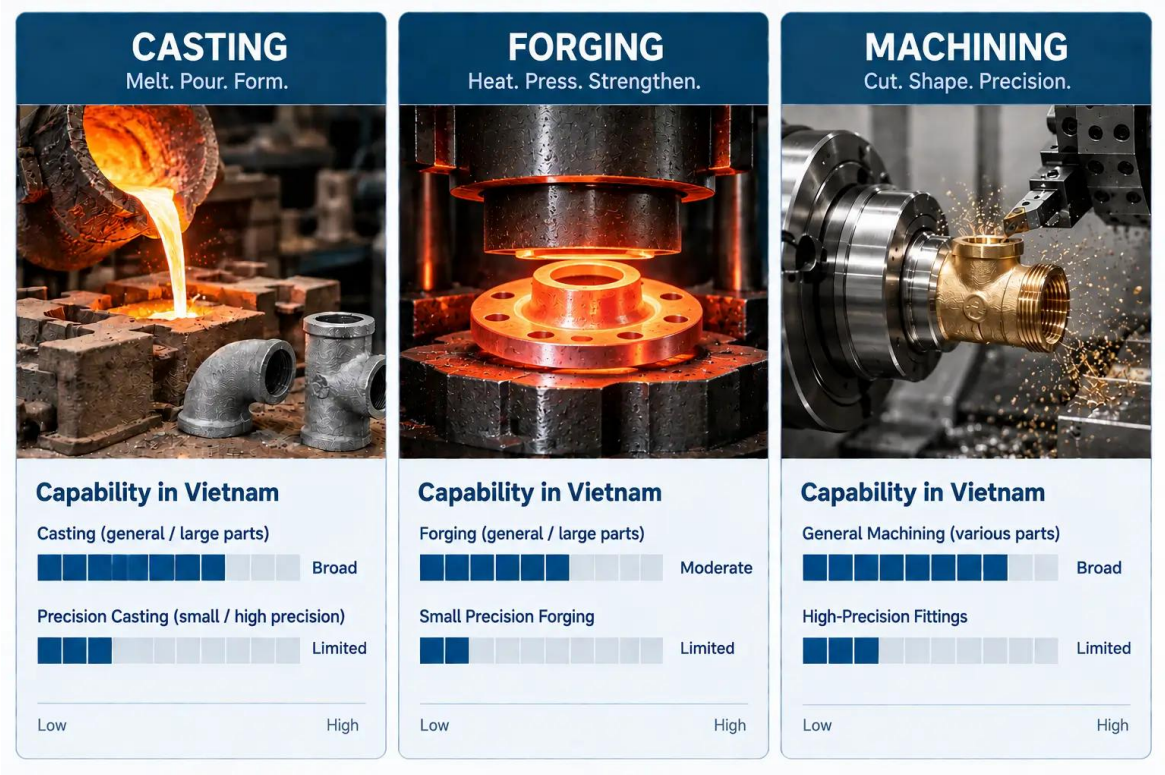
The product landscape is broad, while material selection largely defines manufacturing requirements.



🟧 Key Insight

> Vietnam's fittings market covers a broad product range, with carbon steel, brass and stainless steel forming the core material groups.

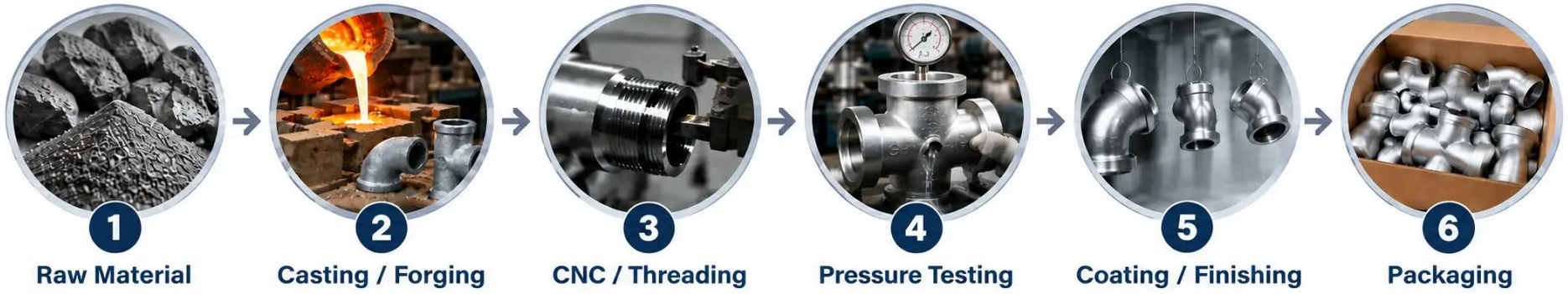
FITTINGS MANUFACTURING CAPABILITIES



Key Insight

Casting: Broad supplier base, but limited precision casting for small fittings.
Forging (hot forging): Suitable for high-end fittings, but small forged components have fewer supplier options.
Machining (from material stock bar): Many CNC suppliers, but few specialize in high-precision fittings.

FITTINGS MANUFACTURING PROCESS



Key Insight

Casting and forging are only the starting points; finished fittings require multiple downstream processes.
The real sourcing challenge is not finding a factory that can make a fitting — it is finding a supply chain that can complete every downstream process to the required standard.

FITTINGS TESTING & INSPECTION



Key Insight

> Manufacturing capability alone is insufficient; testing and traceability determine whether a Vietnamese supplier can serve demanding North American applications.
> Testing verifies pressure integrity, material composition and internal defects before fittings reach the customer.

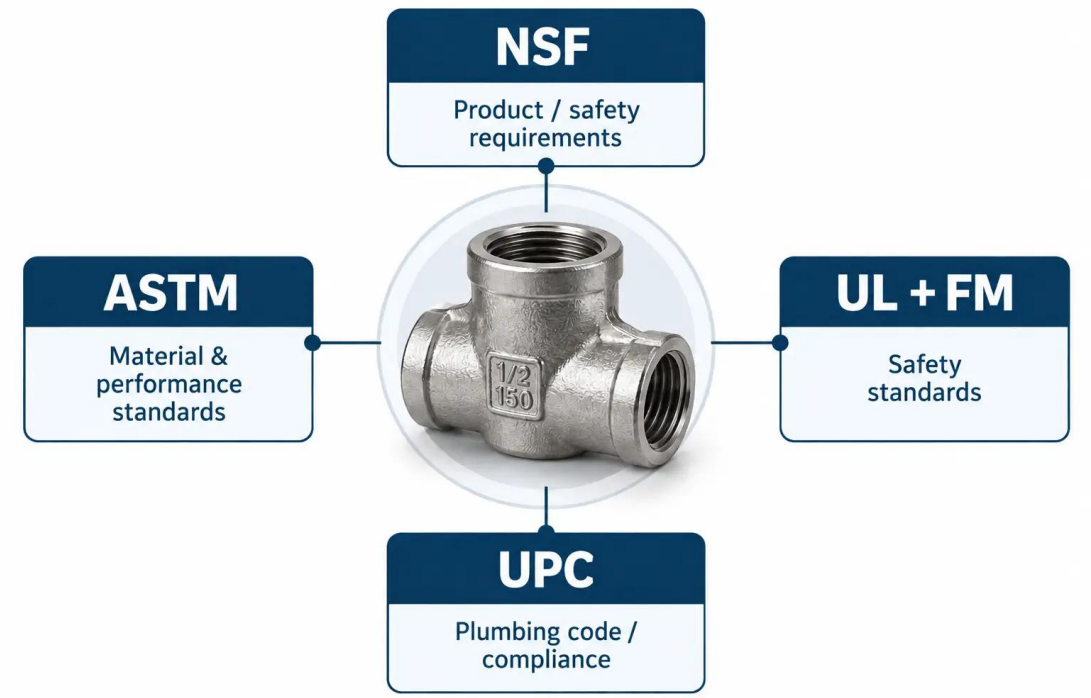
FITTINGS SURFACE FINISHING



Key Insight

Surface finishing provides corrosion protection, appearance and application-specific performance.
Vietnam fittings can support multiple surface finishing options, including plating, black oxide, anodizing and powder coating.

NORTH AMERICAN FITTINGS STANDARDS



Key Insight

Meeting North American standards is a key qualification requirement for fittings suppliers.

FITTINGS: KEY APPLICATIONS



Key Insight

Fittings serve a diverse range of industrial and building applications, from plumbing and HVAC to construction and oil & gas.

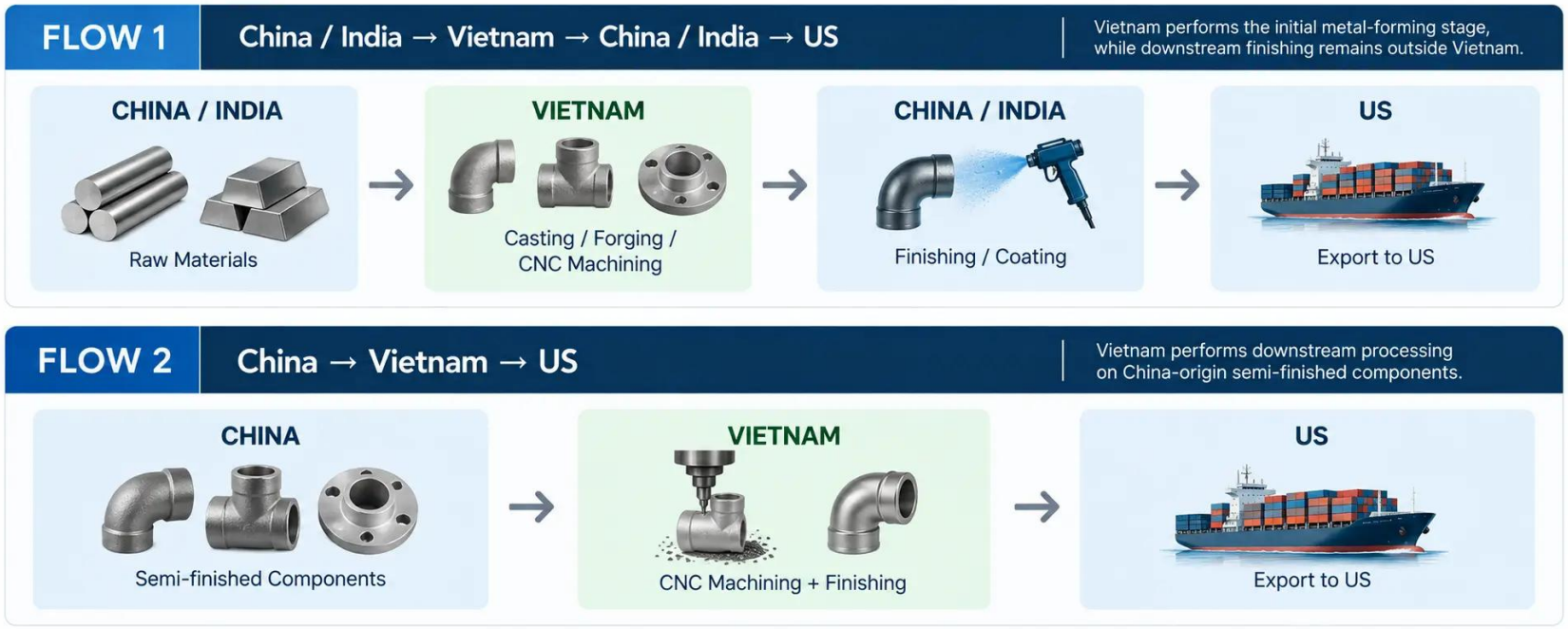
FITTINGS MANUFACTURING: VIETNAM VS. CHINA VS. INDIA



Key Insight

> Each sourcing market offers a different combination of manufacturing capability, supplier depth and supply-chain considerations.
> Vietnam is not always the lowest-cost option. Instead, its main value can come from supply chain diversification, competitive labor costs, and growing manufacturing capabilities.

VIETNAM FITTINGS: SUPPLY CHAIN & ORIGIN RISK



Key Insight

A “Made in Vietnam” fitting may still involve significant upstream or downstream processing outside Vietnam.
Vietnam's fittings supply chain is increasingly integrated with China and India. Products may undergo casting/forging in Vietnam or CNC/finishing in Vietnam, while other stages remain offshore.
Country of origin therefore requires supply-chain mapping, not just supplier location.

FITTINGS WITH NON-CHINA MATERIALS



Key Insight

> Vietnam's Next Opportunity Is Not Just “Made in Vietnam” — It Is Building a Non-China Supply Chain.

VIETNAM SUPPLIER LANDSCAPE

Category	Company	Core Capability	Profile	Contact
Malleable Cast Iron Fittings	Co****sources Vietnam Ltd.	Casting · Machining · Threading	🔗 View Profile	Restricted
Forged fittings	Fe*** Metal Tech Co., Ltd.	Hot Forging · CNC Machining · Threading	🔗 View Profile	Restricted
Machined fittings	Tr*** Machine Technologies	CNC Machining · Threading · Surface Finishing	🔗 View Profile	Restricted

🟧 Key Insight

Highly Recommended Vendors*.

**Detailed supplier profiles and contact information are available upon request.*

THANK YOU

Vietnam Fittings: From Manufacturing to Supply Chain

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