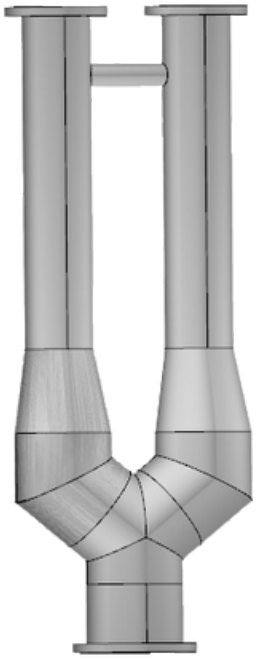
2023

Y – Type Pipe Spool





Spool Design

Customized Solutions



Y – Spool:

YTM Pipe Company introduces the meticulously engineered Y-Type Pipe Spool, crafted from premium-grade carbon steel, serving as a quintessential component in advanced fluid dynamics and flow management within complex piping systems. This specialized pipe spool, characterized by its geometrically precise 'Y' configuration, is designed to adeptly bifurcate a singular fluid flow into two streamlined paths, ensuring optimal flow distribution and management across industrial and commercial piping infrastructures.

Applications

Petrochemical Industry: Ensuring precise and safe management of chemical flow within intricate processing networks.

HVAC Systems: Facilitating optimal distribution of heating and cooling mediums within integrated HVAC networks.

Oil & Gas Sector: Ensuring safe and efficient distribution and management of hydrocarbon flows within extraction, refining, and processing units.

Product Specification

Pipe Fabrication

○ **Size**	From 2” – 72”
○ **Thickness**	From 10 Sch to XXS

Fitting Fabrication

○ **Size**	From 2” – 72”
○ **Thickness**	From 10 Sch to XXS

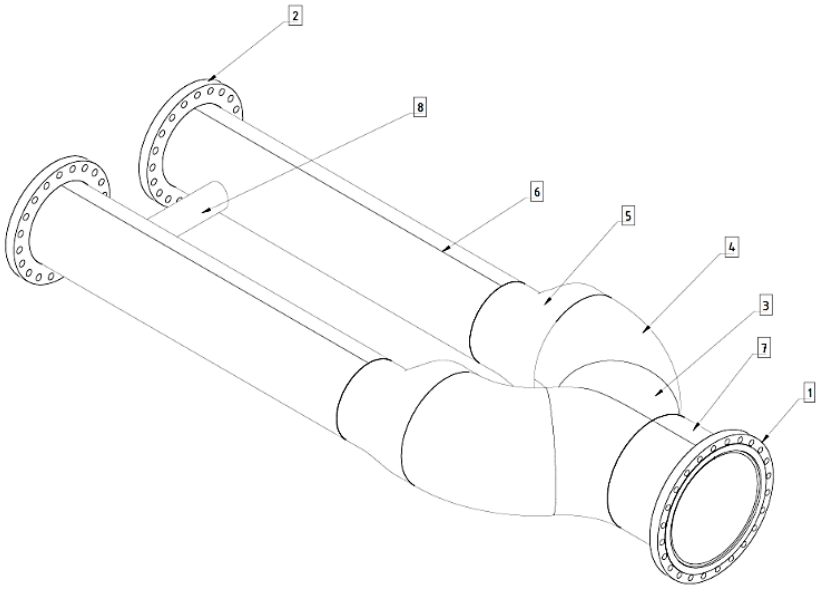
Working Pressure **12 to 50 bars**

Materials **Carbon & Steel Aloy**

Customization & Fabrication

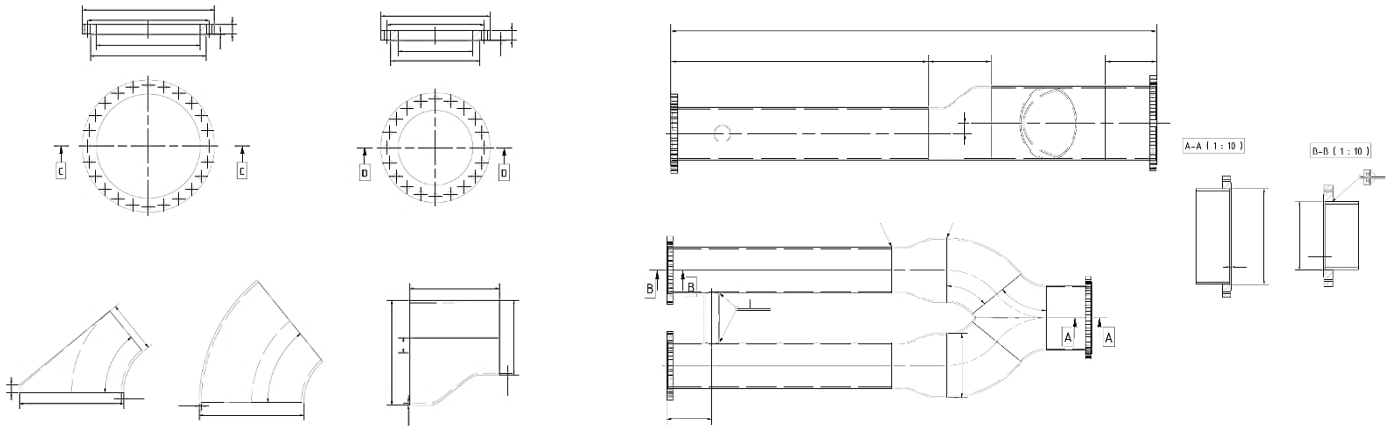
YTM Pipe tailors each Y-Spool precisely for the customer's application needs and specifications, ensuring a custom, optimal solution.

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Component Integration

PART	NAME	QTY.
1	Flange EN1092	1
2	Flange EN1092	2
3	Elbow Short Radius	2
4	Elbow Short Radius	2
5	ASME B16.9 Eccentric Reducer	2
6	Carbon Steel Pipe	2
7	Carbon Steel Pipe	1
8	Carbon Steel Pipe	1

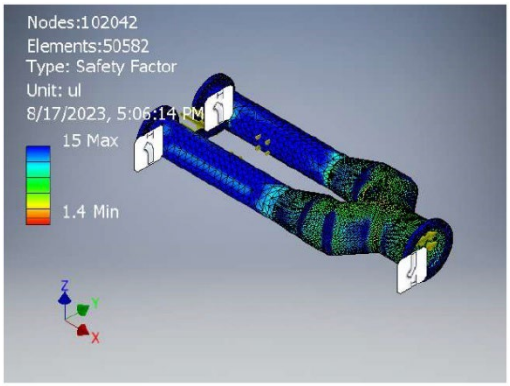


Welding Standards:

- AS4041:2006 Class 1
- ASME IX:2010
- ASME B31.3: 2008

Welding Processes:

- Gas Tungsten Arc Welding (GTAW)
- Metal Inert Gas Welding (MIGW)
- Manual Metal Arc Welding (MMAW)
- Flux Cored Arc Welding (FCAW)



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Metal cutting and Separation Process

- CNC-5 axis simultaneous milling
- Laser cutting
- Plasma cutting
- Water jet cutting

Finish Coatings

- Polyethylene (PE)
- Polypropylene (PP)
- Polyurethane
- Fusion Bonded Epoxy (FBE)

NDT in accordance with EN and ASME requirements

- Pressure test
- Dye-penetrant test
- Magnetic particle inspection test
- 3D dimensional inspection
- PMI
- Ultrasound testing
- Visual inspection

Advantages to the Customers that Will Pay Off:

- Savings in terms of space
- Reduced installation time
- Improved product quality
- Reduced extent of testing
- Reproducibility



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Production Quality Enhancement

Initial Material Inspection:
At YTM Pipe, our journey towards impeccable quality commences with a scrupulous inspection of raw materials, ensuring that only the premium-grade inputs are utilized in our Y-Type Pipe Spool manufacturing processes.

Rigorous Quality Monitoring:
We embed stringent quality control measures at every stage of our production, ensuring each Y-Type Pipe Spool not only meets but exceeds YTM Pipe's esteemed quality benchmarks, safeguarding consistent product excellence.

Environmental Durability Testing:
Our Y-Type Pipe Spools undergo rigorous testing in specialized environmental chambers, ensuring their resilience and optimal performance across a myriad of environmental conditions, validating their durability and reliability.

Post-Manufacturing Assessment:
Each Y-Type Pipe Spool, upon completion, is subjected to an exhaustive functionality test, ensuring only those surpassing our stringent quality and performance criteria are stamped with YTM Pipe's seal of excellence, ensuring our clients receive nothing but the best.

Unwavering Quality Assurance at YTM Pipe

YTM Pipe steadfastly upholds its commitment to excellence across all operational aspects, perpetually striving to exceed our clientele's expectations through a holistic, quality-centric approach. This commitment is meticulously realized by adhering to stringent quality standards in a methodical manner, fortified by the unyielding dedication and expertise of our proficient team, ensuring every Y-Type Pipe Spool that leaves our premises is a testament to unmatched quality and reliability.

TOTALIEN ENDUSTRIYEL URUNLER SAN.TIC.LTD.STI.

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