

CM **ÇALISKAN**[®]
M E K A N İ K
SANAYİ VE TİCARET LİMİTED ŞİRKETİ

PHARMA - CHEMICAL - FOOD
INDUSTRIAL CATALOG

INDUSTRIAL SOLUTIONS

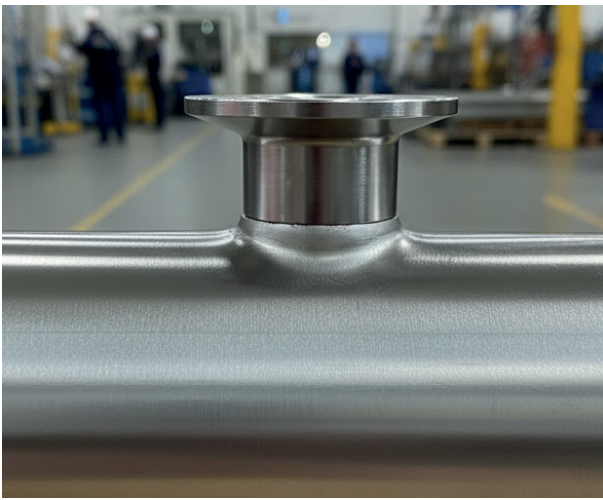


BRU YAKA
PipeCollar

RELIABLE, HIGH-QUALITY, AND HYGIENIC SOLUTIONS

Çalışkan Mekanik is a company operating in the field of mechanical installations with extensive field experience. Utilizing high-quality materials, professional workmanship, and years of accumulated knowledge, Çalışkan Mekanik has implemented numerous projects in the pharmaceutical, chemical, and food industries.

All products can be manufactured in compliance with hygienic design principles, suitable for CIP processes and pharmaceutical applications.



PHARMA INDUSTRY

Short reducing and equal tees manufactured by Çalışkan Mekanik are produced with precise tolerances and high surface quality, in accordance with the hygienic design criteria required by pharmaceutical processes.



CHEMICAL INDUSTRY

Short tees, equal tees, and manifold systems used in chemical plants provide safe and leak-tight solutions against high pressure and aggressive fluids. Thanks to their optimized designs, flow continuity is maintained and process safety is enhanced.

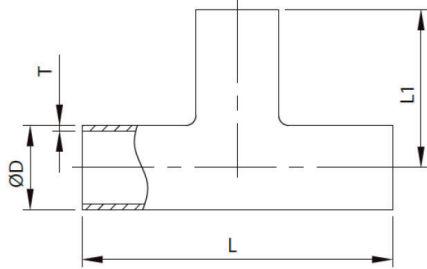


FOOD INDUSTRY

Short tees, equal tees, and manifold systems used in food processing increase product safety thanks to their hygienic designs and smooth internal surfaces. Their CIP-compliant structures facilitate cleaning processes and reduce the risk of contamination.

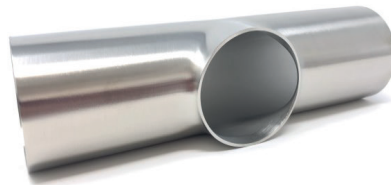
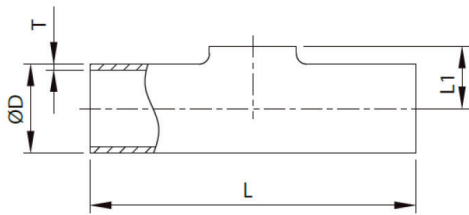
FULL EQUAL TEE

304 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT
316 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT



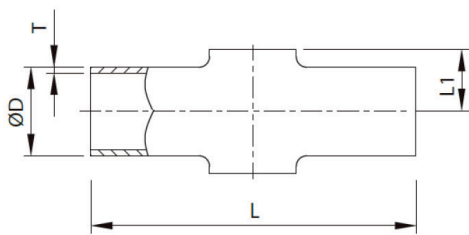
SHORT EQUAL TEE

304 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT
316 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT



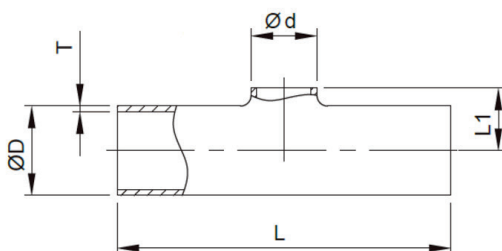
CROSS TEE

304 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT
316 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT



REDUCTION TEE

304 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT
316 STAINLESS STEEL	CUSTOM PRODUCTION IN UNLIMITED DIMENSIONS SUITABLE FOR THE PROJECT



STAINLESS STEEL MANIFOLD

Stainless steel manifolds are essential components for ensuring the transmission of liquids or gases in industrial processes. Properly designed and manufactured manifolds help increase process efficiency and reliability. Stainless steel manifolds also contribute to achieving sustainability goals, such as energy efficiency and environmental protection. By ensuring the uniform distribution of fluids, they enhance process productivity while reducing energy and resource waste.



Uniform Fluid Distribution and Process Reliability

Through advanced engineering and precision welding techniques, stainless steel manifolds merge collector ensure that incoming fluids are distributed equally and balanced across all outlet points. This uniform distribution maintains homogeneous temperatures within reactions and processes; consequently, while product quality becomes consistent, process efficiency and reliability reach their peak.

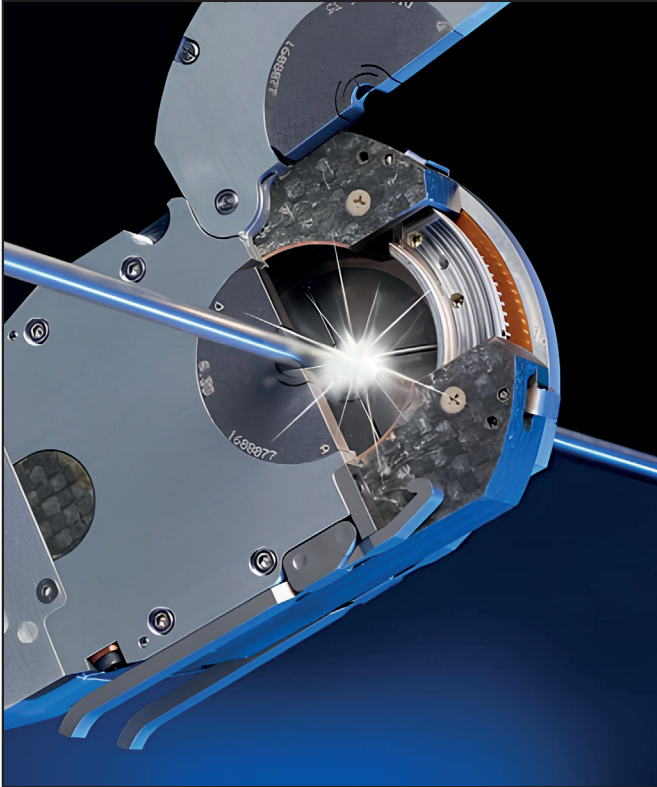
Advantages of Stainless Steel Manifold Collectors

- Ensures even distribution of the fluid.
- Increases the efficiency and reliability of the process.
- Easy to maintain and repair.
- Long-lasting.
- Provides energy savings.
- Uninterrupted and sustainable production.



Discover Flow And Hygiene With Modern Technology!

We prioritize quality at every stage, from the materials we use in our projects to our workmanship. We offer customized solutions for our projects. We use our experience to develop effective and sustainable mechanical engineering solutions tailored to your needs.



Orbital Welding

Orbital welding is a flawless method used to weld pipes together. In this method, the ends of the pipes are closed using a collar and welded using a welding machine. The welding process is performed in a circular manner around the pipes.

Orbital welding combined with extruded outlets (pipe collar technology) ensures strong, hygienic and repeatable weld quality. This method allows pipes to be used in various industries.

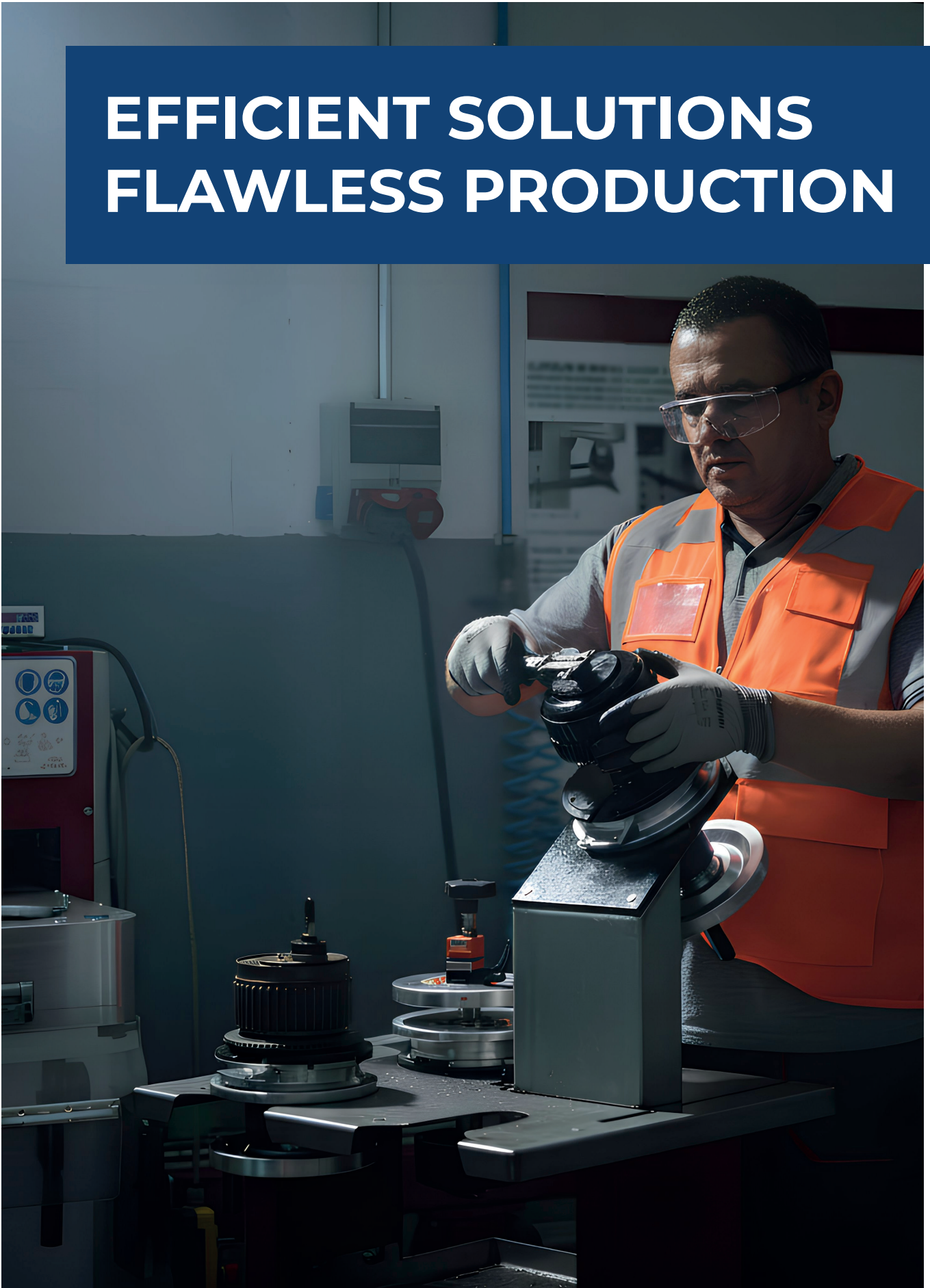
Orbital Pipe Cutting

Our pipe cutting machine park cuts stainless steel pipes with diameters ranging from 21mm to 325mm using our orbital cutting machines, leaving no burrs. Thanks to concentric clamping jaws, it can cut pipes without deforming them, making it ideal for thin-walled stainless steel pipes and tubes. It leaves you with a perfect, burr-free surface in a short time.

Çalışkan Mekanik performs pipe cutting operations with modern machinery, offering its customers faster, more efficient, precise, and high-quality service.



EFFICIENT SOLUTIONS FLAWLESS PRODUCTION



CERTIFICATES

We base all the products and services we offer to our customers on the highest quality and safety standards. By acting in accordance with national and international norms at every stage of our work, we aim to maintain our leading position in the sector.

Our manufacturing and quality processes are carried out in accordance with internationally recognized standards.



TECHNOLOGY AND ENERGY DISCOVER EFFICIENCY!

Çalışkan Mekanik has been a leading company in the mechanical installation sector since 1991. We offer solutions for all your mechanical installation needs with our experience and expert staff.



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