



SUPPORT CATALOG

INDUSTRIAL PIPE
SUPPORT SYSTEMS



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About Flowio

Flowio Engineering is dedicated to delivering high-quality engineering solutions with a commitment to innovation, efficiency, and global competitiveness. Specializing in sectors such as oil and gas, petrochemicals, energy, and industrial manufacturing, we combine advanced engineering practices with state-of-the-art technology to meet the evolving needs of heavy industry. Our goal is to provide clients with reliable, efficient, and cost-effective solutions that drive operational excellence and sustainability.

Our Mission

Flowio's core mission is to bridge traditional engineering expertise with pioneering technology, setting new standards for efficiency and precision.



Piping Engineering Expertise

Flowio provides comprehensive piping solutions, from conceptual design to detailed engineering. Our engineers perform in-depth piping stress analysis, 3D modeling, and construction isometrics drawings.

Now, we condensed our strong piping experience into pipe support products to ensure the reliability of your industrial piping system.

Hakkımızda

Flowio Mühendislik, inovasyon, verimlilik ve küresel rekabetçiliğe olan bağlılığı ile yüksek kaliteli mühendislik çözümleri sunmaya kendini adanmış bir mühendislik şirketidir. Petrol ve gaz, petrokimya, enerji ve endüstriyel üretim gibi sektörlerde uzmanlaşarak, ağır sanayinin gelişen ihtiyaçlarını karşılamak için ileri mühendislik uygulamalarını en son teknoloji ile birleştiriyoruz. Hedefimiz, müşterilerimize operasyonel mükemmellik ve sürdürülebilirlik sağlayan güvenilir, verimli ve uygun maliyetli çözümler sunmaktır.

Misyonumuz

Flowio'nun temel misyonu, geleneksel mühendislik uzmanlığımız ile öncü teknolojiler arasında köprü kurarak kaliteli mühendisliğin yeni standartlarını belirlemektir.

Borulama Mühendisliği Uzmanlığı

Flowio, temel tasarımdan detaylı mühendisliğe kadar kapsamlı borulama çözümleri sunar. Uzman mühendislerimiz ile boru gerilme analizi, 3D modelleme ve imalat izometrisi çizimlerini yapabilmekteyiz.

Şimdi ise endüstriyel boru sisteminlerinizin güvenilirliğini sağlamak için güçlü borulama deneyimimizi boru mesnet ürünlerine yoğunlaştırdık.

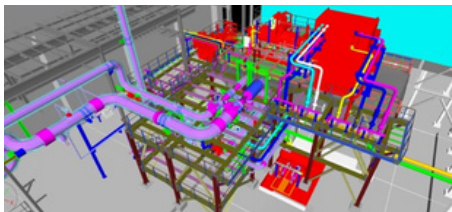


3

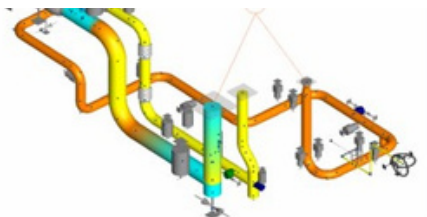
End-to-End Piping System Reliability

Flowio pipe engineering expertise provides end-to-end reliability for your piping system from 3D Piping Design to Piping Stress Analysis and Pipe Support Product.

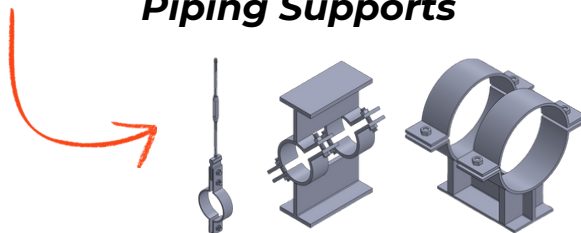
Piping Design



Piping Stress Analyze



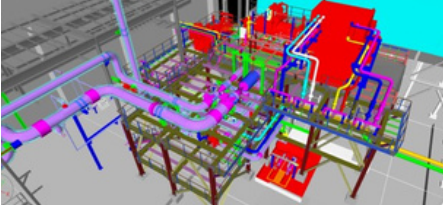
Piping Supports



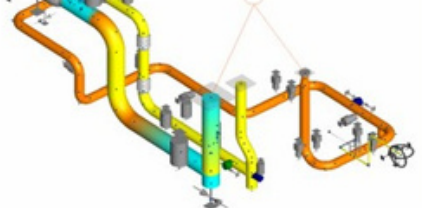
Uçtan Uca Borulama Sistemi Güveni

Flowio borulama mühendisliği uzmanlığı, 3D Borulama Tasarımından, Borulama Stres Analizine ve Boru Mesnetlerine kadar borulama sisteminiz için uçtan uca güvenilirlik sağlar.

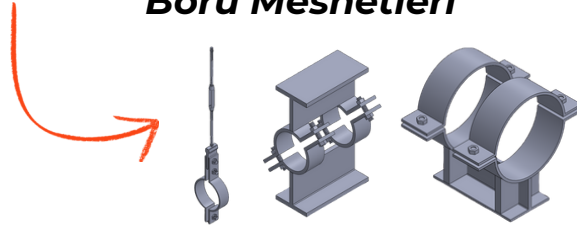
Borulama Tasarımı



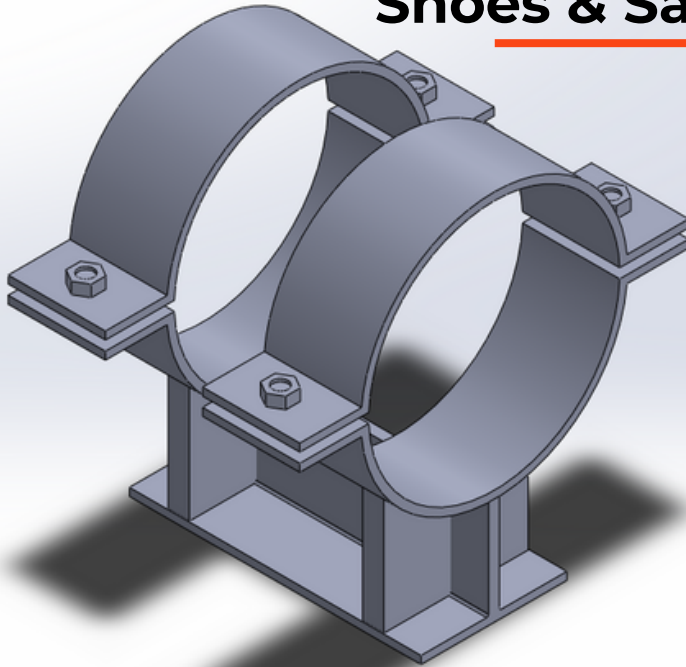
Borulama Stres Analizi



Boru Mesnetleri



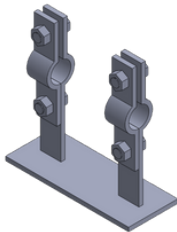
Shoes & Saddles



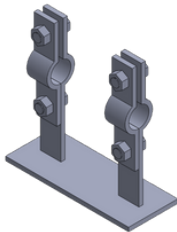
Shoes and saddles are engineered for stability against vertical, horizontal and lateral forces.

Clamp, Shoe and Saddle design are able to be specialized as per pipe size, forces and moments;

< 1 1/2" Pipes
< DN 40 Pipes



FOR PIPE 2" UP TO 4"	FOR PIPE 6" UP TO 12"	FOR PIPE 14" UP TO 24"
TAB DIMENSIONS ACCORDING TO M.C.4 PLATES	TAB DIMENSIONS ACCORDING TO M.C.4 PLATES	
FOR PIPE 26" UP TO 30"	FOR PIPE 32" UP TO 36"	
		ALLOWABLE RANGE FOR SHOE LENGTH
		PIPE SIZE MIN. L" MAX. L" mm
		UP TO 3" 150 350
		4" x 8" 200 500
		10" x 12" 200 500
		14" x 24" 300 600
		20" x 30" 400 600
		32" x 36" 450 600
		DIMENSION "L" RELATED TO INSULATION THK.
		DIMENSION "L" INSULATION mm
		100 UP TO 60
		150 81 x 125
		200 126 x 160
		230 181 x 200
		260 201 x 250



Kelepçe, Pabuç ve Kılavuz
mesnet tasarımı boru
boyutuna, kuvvetlere ve
momentlere göre özelleşebilir;



FOR PIPE 2" UP TO 4"	FOR PIPE 6" UP TO 12"	FOR PIPE 14" UP TO 24"
TAB DIMENSIONS ACCORDING TO MC4 PLATES	TAB DIMENSIONS ACCORDING TO MC4 PLATES	
 R.S.	 R.S.	 R.S.

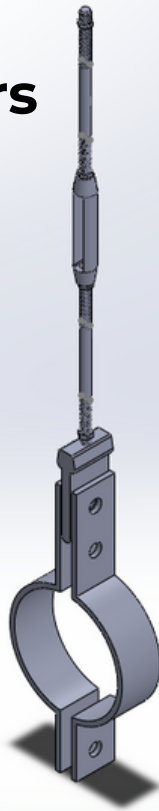
FOR PIPE 26" UP TO 30"	FOR PIPE 32" UP TO 36"
TAB DIMENSIONS ACCORDING TO MC4 PLATES	TAB DIMENSIONS ACCORDING TO MC4 PLATES
 R.S.	 R.S.

PIPE SIZE	MIN. L" mm	MAX. L" mm
UP TO 3"	150	350
4" x 8"	200	500
12" x 12"	200	500
14" x 24"	300	600
26" x 30"	420	600
32" x 36"	450	600

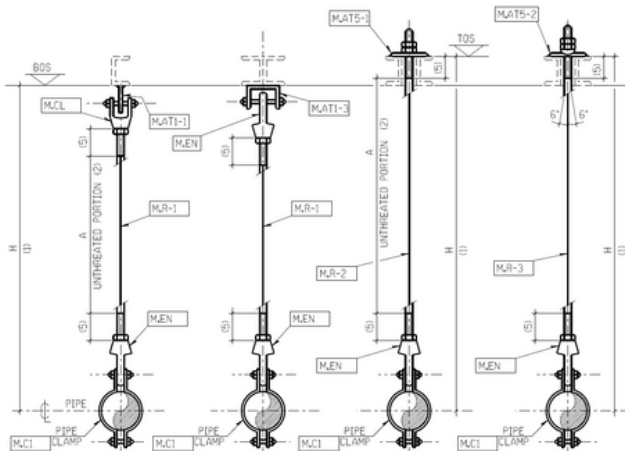
DIMENSION "A"	INSULATION mm
100	UP TO 80
150	81 x 125
200	126 x 160
230	161 x 200
260	201 x 250

Rigid Hangers

7



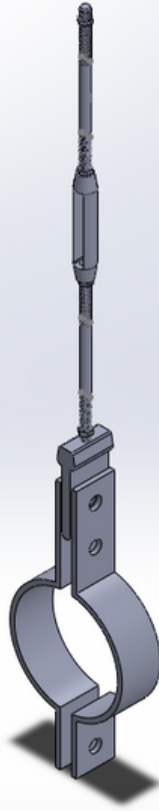
Rigid hangers are best against vertical loads for the piping systems at height.



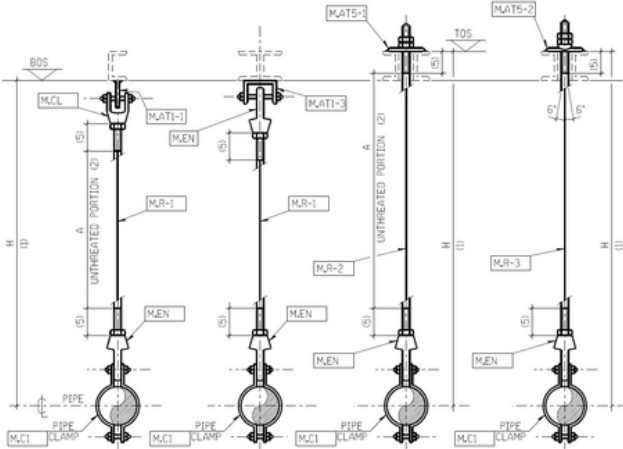
Connection elements of rigid hangers can be specialized for various connection types such as welding to steel, bolted or connection to concrete.

Rijit Askılar

8

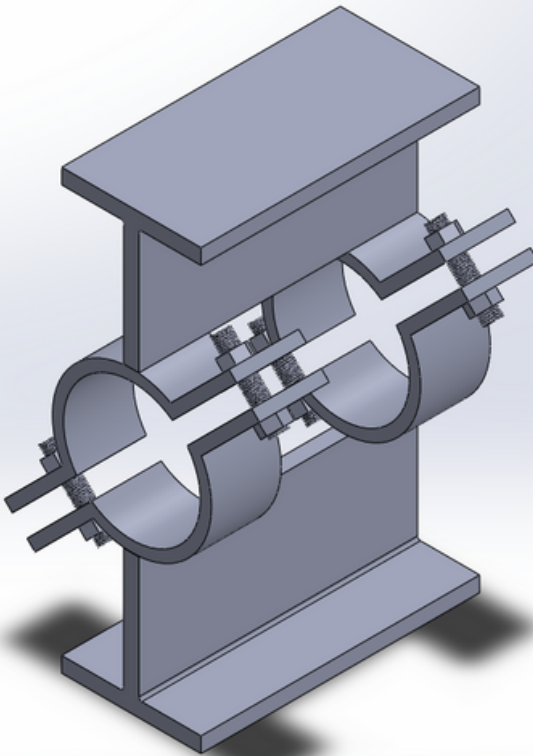


Rijit askılar, yüksekteki boru sistemleri için dikey yüklere karşı en iyisi çözümdür.



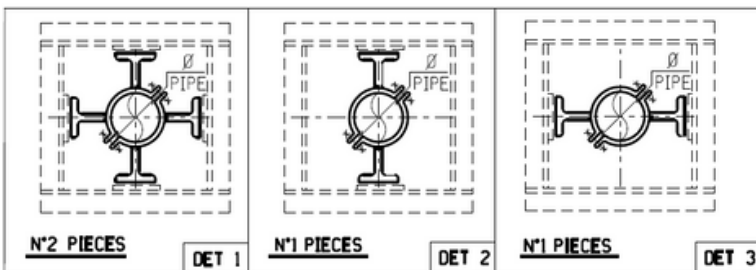
Rijit askıların bağlantı elemanları, çeliğe kaynak, cıvatalı veya betona bağlantı gibi çeşitli bağlantı türleri için özel olarak tasarlanabilir.

Frame Supports

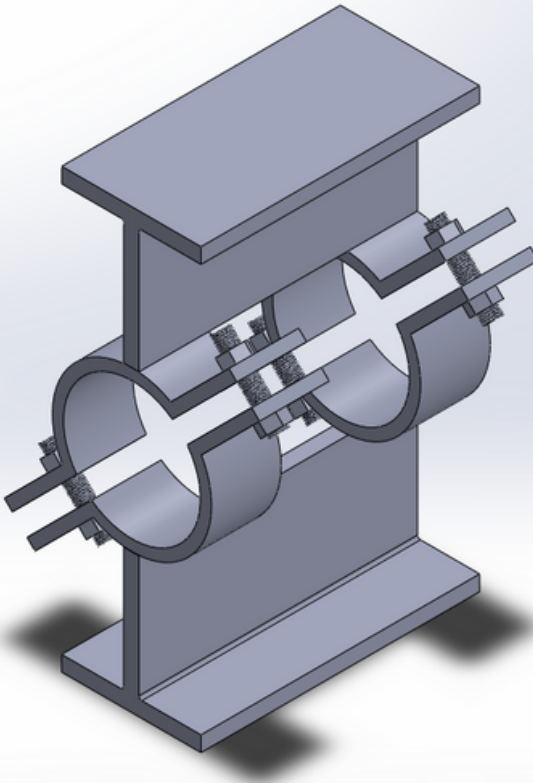


Frame supports are engineered for the pipe routes which goes through in a frame structure.

Frame supports can be modified as per shape pipe route and forces-moments;

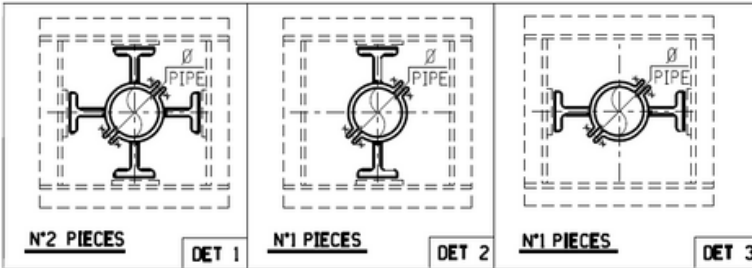


Çerçeve Mesnetler



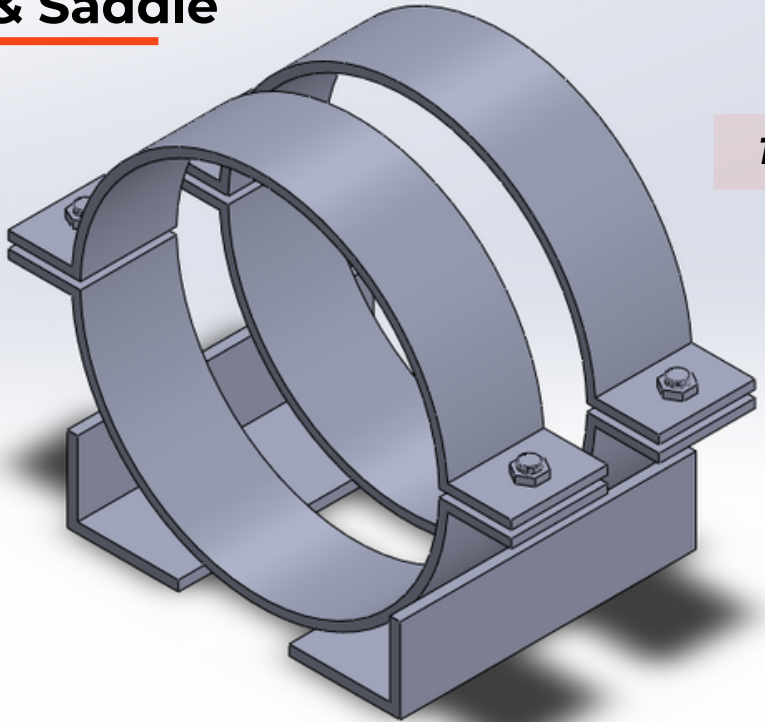
Çerçeve mesnetler, bir çerçeve yapısından geçen boru güzergahları için tasarlanmıştır.

Çerçeve destekler, boru güzergahının şekline ve kuvvet-momentlere göre tasarlanabilir;

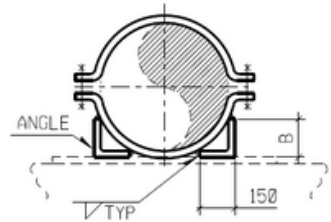
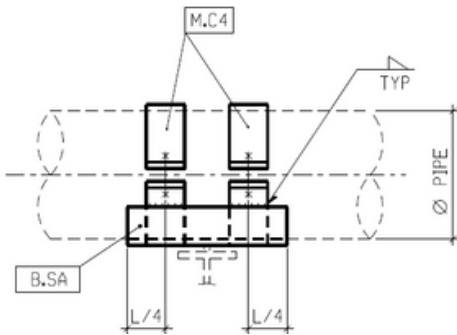


Clamp & Saddle

11

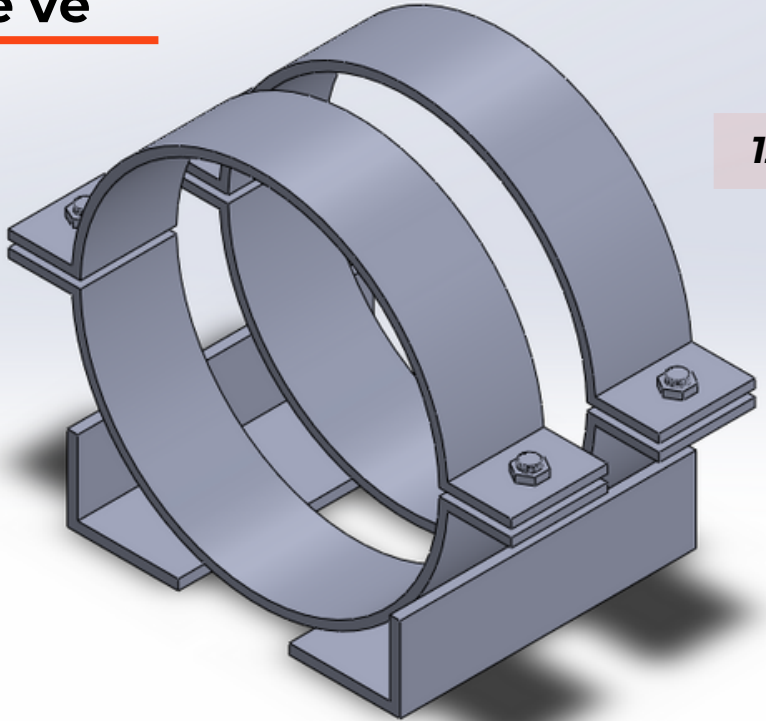


Clamp and saddle supports are engineered for the pipe routes which goes through narrow areas.

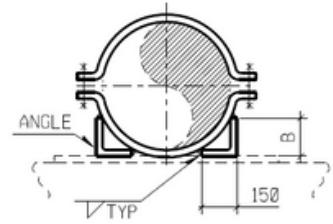
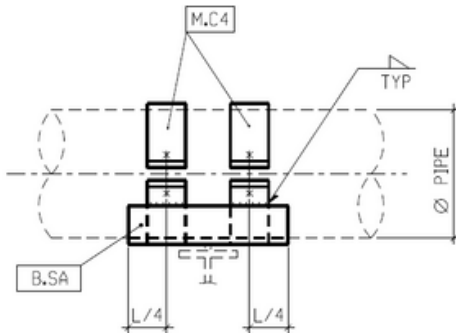


Kelepçe ve Kılavuz

12



Kelepçe ve kılavuz mesnetler, dar alanlardan geçen boru güzergahları için tasarlanmıştır.





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