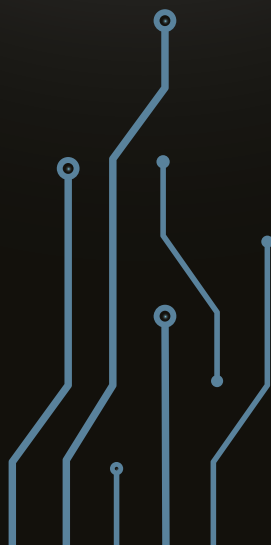


PRECISION  
—  
TUBES



# CONTENTS



Milestones	2
<b>Borusan Holding at a Glance</b>	<b>4</b>
Borusan Group Sustainability Strategy	5
<b>Borusan Pipe in Brief</b>	<b>6</b>
Borusan Pipe's Sustainability Strategy	7
<b>Beyond Borders Beyond Expectations</b>	<b>8</b>
Your Total Solution Provider	10
<b>QEHS Management</b>	<b>12</b>
Standards & Certificates	14
<b>Automotive Tubes</b>	<b>16</b>
Hydraulic Applications	18
<b>Industrial Applications</b>	<b>20</b>
Production Ranges	22
<b>Further Processing</b>	<b>26</b>



## MILESTONES

1958

Borusan Boru A.Ş. began its journey under the leadership of its founder, the late Asım Kocabıyık with 27 employees and five product varieties

1968

Halkalı ERW Pipe Plant started production, İstanbul, Türkiye

1969

First exports

1976

Gemlik ERW Pipe Plant started production, Bursa, Türkiye

1994

Borusan Pipe quoted on İstanbul Stock Exchange

2001

First investment abroad, acquisition cold drawn tube plant in Vobarno, Italy

2011

Gemlik HSAW Pipe Plant started production, Bursa, Türkiye

2012

Our founder Asım Kocabıyık passed away

2014

Baytown ERW started its operations, Texas, USA

2016

Bursa Service Center started its operations, Bursa, Türkiye

2019

Gemlik Cold Drawn Tube Plant started production, Bursa, Türkiye

2023

Acquisition LSAW pipe plant in Florida, USA and HSAW pipe plant in Alabama, USA

2024

Ploiești Service Center started its operations, Romania. Baytown SRM Plant started production, Texas, USA











# BORUSAN HOLDING AT A GLANCE

**BORUSAN GROUP'S BASIC STRATEGY IS BASED ON A VISION THAT FOCUSES ON DEVELOPING INNOVATIVE PRODUCTS AND SERVICES WHILE CONTINUING TO CREATE ADDED VALUE FOR THE TURKISH ECONOMY, WITH A GLOBAL PERSPECTIVE.**

Celebrating its 80<sup>th</sup> anniversary in 2024, Borusan Group continues its steady growth across the manufacturing, machinery, and power systems, automotive, logistics, and energy sectors in different markets worldwide, especially in Türkiye.

<p><b>PRODUCTION GROUP</b></p> <p>Borusan Pipe    Borçelik    Supsan</p> 	<p><b>LOGISTICS GROUP</b></p> <p>Borusan Logistics    Borusan Port</p> 
<p><b>AUTOMOTIVE GROUP</b></p> <p>Borusan Otomotiv Group    Parcapazari.com</p> 	<p><b>ENERGY GROUP</b></p> <p>Borusan EnBW Enerji</p> 
<p><b>MACHINERY AND POWER SYSTEMS GROUP</b></p> <p>Borusan CAT</p> 	<p><b>CORPORATE VENTURE CAPITAL</b></p> <p>Borusan Ventures</p> 

**BUSINESS PARTNERS**




# BORUSAN GROUP SUSTAINABILITY STRATEGY

## A BETTER LIFE AND SUSTAINABLE FUTURE

At Borusan, we view sustainability as a crucial strategic element that not only shapes our future existence but also plays a central role in our operations through an integrated management approach.

With our “Inspiring Future” approach, we inspire a brand new future by being inspired by innovative ideas. We are aware of our responsibilities to our planet and society. We effectively manage our Environmental, Social and Governance (ESG) risks through our investments in sustainability, focus on long-term value creation, and shape our future existence by earning the trust of all stakeholders in our value chain.

Based on this approach, we address our sustainability strategy within the framework of Climate, People, and Innovation (i<sup>3</sup>) value areas (first letters of the Turkish words for climate, human, and innovation). Our “i<sup>3</sup>” approach, which supports the United Nations Sustainable Development Goals on the one hand and overlaps with the strategies and material issues of our Group companies on the other, has guided us in setting our medium- and long-term sustainability goals. As we take firm steps towards the future we envision, we have also determined our performance indicators for these goals. Our group companies plan and implement the roadmaps they will follow to achieve these goals and monitor their progress.



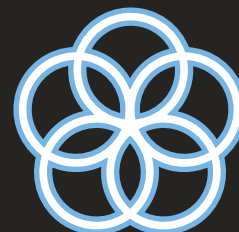
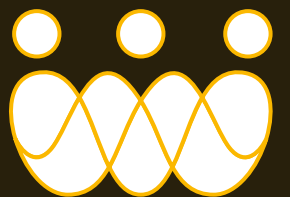
### CLIMATE

We dream, design, and produce for a healthy climate. We use our innovative ideas, manufacturing skills, competencies, and creativity to overcome the climate crisis. Our goal is to help heal the disruptions in the climate system. With all of our resources, we dream of building, designing, and realizing healthier systems for a healthier climate, both in our own operations and throughout our value chain.



### HUMAN

We dream, design, and bring to life a human-oriented corporate culture and drive social development. We work with our colleagues and stakeholders to create a bright future. We design innovative relationship models for the benefit of our society. Our goal is to inspire a refreshing and sustainable future for all. With our human resources, we dream of, design, and bring a bright future to life.



### INNOVATION

We dream, design, and produce for a new era. We are inspired by innovative ideas, and in turn, inspire a brand-new future. Our priority is to implement innovative and sustainable business models that are fit for the future. With our corporate resources and innovative capacities, we dream, design, and bring an innovative future to life.





# BORUSAN PIPE IN BRIEF

## BORUSAN PIPE IS ONE OF THE WORLD'S LEADING MANUFACTURERS OF STEEL PIPES

Borusan Pipe, the first industrial enterprise of Borusan Group—one of Türkiye's leading business conglomerates—celebrated its 65<sup>th</sup> anniversary in 2023. Since its establishment, Borusan Pipe has continuously invested in innovative solutions that create value for its partners, always with a global vision.

Today, Borusan Pipe operates globally with over 2,500 employees and offers more than 4,000 product varieties. With ten plants across three continents and a strong sales volume, it has positioned itself as a leading manufacturer in the global steel pipe industry.

Drawing on its experience, expertise, and commitment to excellence, Borusan Pipe delivers state-of-the-art products to a wide range of industries, including automotive, construction, energy, and machinery manufacturing. The company has pursued investments with a global perspective, adapting to market dynamics. Its first international investment was in 2001 with the acquisition of a plants in Vobarno, Italy, which led to the establishment of Borusan Vobarno Tubi S.p.A. In 2014, Borusan Pipe US Inc. was founded to manage its Houston Baytown plant in the United States. Thanks to its advanced technology and innovative products, Borusan Pipe US Inc. quickly gained recognition and was awarded "Best Pipe Manufacturer" by the prestigious American Metal Market in 2016, 2017, and 2020. As part of its strategy to become a local player in global markets, Borusan Pipe acquired Berg Pipe in 2023, a company known for its high-quality and large-scale production capacity in the United States.

Borusan Pipe continues to strengthen its global presence through new investments. The SRM investment at the Houston Baytown facility in the United States marks an important step in advanced manufacturing and operational excellence. In 2024, Borusan Pipe expanded its European operations with the establishment of the Ploiești Service Center in Romania, featuring a 4,800 m<sup>2</sup> production and storage area with an annual capacity of over 10,000 tons of short-cut shock absorber tubes.

As one of Türkiye's pioneering international investors, Borusan Pipe continues to explore new investment opportunities worldwide, strengthening Türkiye's global competitiveness. In addition to contributing to the national economy through exports to the Americas, Europe, Africa, and Asia, Borusan Pipe plays a key role in driving Türkiye's economic development, ensuring sustainable growth for the future.

Recognized as one of Türkiye's top 100 industrial enterprises for over 50 years, Borusan Pipe is not only a manufacturer but also a pioneer in shaping Türkiye's industrial future. With its diverse product range, reliable service, and industry-leading innovations, it is shaping Türkiye's future. Committed to responsible management, strategic investments, and sustainability, Borusan Pipe is shaping a stronger, more resilient, and forward-looking future.



# BORUSAN PIPE'S SUSTAINABILITY STRATEGY

## FROM 1958 TO FUTURE GENERATIONS

Borusan Pipe's value creation strategy includes focusing on climate, people, and innovation while offering products that add value to business processes together with all internal and external stakeholders.

With the responsibility of being a pioneer in the industry, we always embrace more innovative approaches and drive innovation forward.

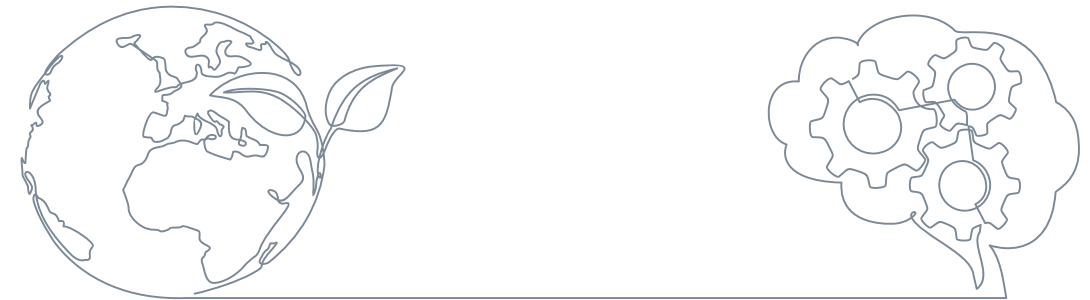
We work with all our might to achieve the zero-waste and zero-emission targets set by the Holding. At the same time, we are progressing with our strategy of contributing to the protection of the ecological balance. We have set our sustainability targets for 2030 in collaboration with the Borusan Holding, taking 2021 as the basis. We share our results with all our stakeholders through our sustainability report, which we publish annually. We regularly track and update our progress by monitoring our priority issues, stakeholder expectations, and national and international developments.

Our company's key strategic focus areas are commercial excellence, operational excellence, sustainability, and new product innovation. Digital technologies and human resources management are structured to support these focus areas.

Borusan Pipe has adopted the mission of offering processes and products that add value to the business processes of all internal and external stakeholders by continuously developing its value-creation strategy focused on climate, people, and innovation. As an organization operating in the international market, Borusan Pipe considers international developments and evolving stakeholder expectations when developing its sustainability strategy.

Our company closely follows developments in international sustainability reporting standards and has also considered the Corporate Sustainability Reporting Directive (CSRD), a new EU reporting directive, in its reporting approach.

Borusan Pipe gives equal weight to financial and sustainability data and regularly receives verification from third parties to ensure the reliability of the data.



## WE ARE OWNING THE CLIMATE BY CREATING BENEFITS FOR THE PLANET

Within the scope of the climate theme, which we have set as our goal of making a difference, we proceed with the inspiration we receive from nature. We focus on protecting the ecological balance in the face of the climate crisis, which is critical for our future, and develop projects that help reduce our environmental footprint by paying attention to resource consumption. We work for a healthy climate by designing new carbon-free and circular business models.

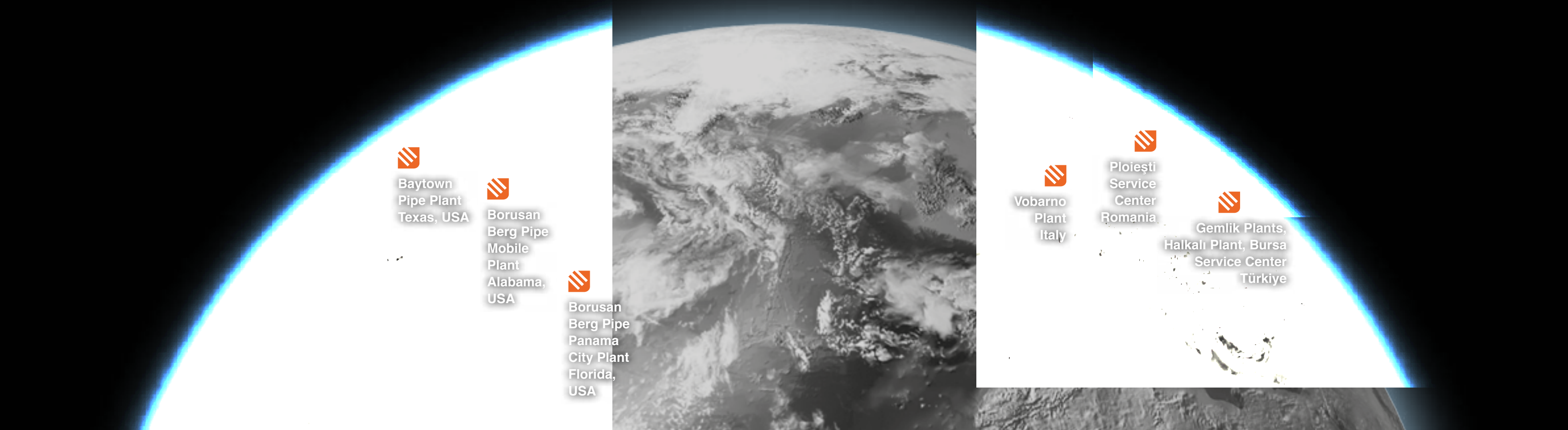
## WE DREAM, WE DESIGN, WE TURN IT INTO REALITY AND WE ARE OWNING OUR PEOPLE

We believe that the difference in business life comes from "People" and we consider it our priority to offer a happy, healthy, safe and transparent work environment to our employees. We dream of the future with them and get inspired by our speed of making it a reality; We design the future.


## WE OWN INNOVATION BY DESIGNING INNOVATIVE IDEAS


We know that maintaining our success depends on investing in the future with an innovative perspective. We work to transform our business model in line with the needs of the future, and we carry forward our new product and innovation processes, which are one of the most important links in achieving this goal, with the high meticulousness brought by our industry experience. In addition to the responsibility of being a pioneer in the sector, we undertake projects, investments and affiliates that nurture the entrepreneurial and innovative spirit with the responsibility we feel towards our nature and our stakeholders.

# BEYOND BORDERS, BEYOND EXPECTATIONS




  
Baytown  
Pipe Plant  
Texas, USA

  
Borusan  
Berg Pipe  
Mobile  
Plant  
Alabama,  
USA

  
Borusan  
Berg Pipe  
Panama  
City Plant  
Florida,  
USA

  
Vobarno  
Plant  
Italy

  
Ploiești  
Service  
Center  
Romania

  
Gemlik Plants,  
Halkalı Plant, Bursa  
Service Center  
Türkiye

## Türkiye / İstanbul

Halkalı Plant

Capacity : 100,000 Tons-Welded  
40,000 Tons-Cold Drawn

Product Portfolio : Industrial & Construction  
Pipes, Automotive Tubes

## Türkiye / Bursa

Gemlik Automotive Tubes Plant

Capacity : 60,000 Tons-Welded  
50,000 Tons-Cold Drawn

Product Portfolio : Automotive Tubes

## Türkiye / Bursa

Bursa Service Center

Capacity : 21,000,000 Units

Product Portfolio : Automotive Tubes

## USA / Texas

Baytown SRM Pipe Plant

Capacity : 100,000 Tons

Product Portfolio : SRM Pipes, API and  
Mechanical Tubes

## USA / Texas

Baytown ERW Pipe Plant

Capacity : 300,000 Tons

Product Portfolio : OCTG Pipes

## Türkiye / Bursa

Gemlik ERW Pipe Plant

Capacity : 550,000 Tons

Product Portfolio : Industrial, Construction &  
OCTG Pipes

## Italy / Vobarno

Vobarno Plant

Capacity : 30,000 Tons

Product Portfolio : Automotive, Hydraulic and  
Mechanical Application Tubes

## Romania / Ploiești

Ploiești Service Center

Capacity : 21,000,000 Units

Product Portfolio : Automotive Tubes

## USA / Alabama

Borusan Berg Pipe Mobile Plant

Capacity : 220,000 Tons

Product Portfolio : HSAW Pipes

## USA / Florida

Borusan Berg Pipe Panama City Plant

Capacity : 330,000 Tons

Product Portfolio : LSAW Pipes



# YOUR TOTAL SOLUTION PROVIDER: BORUSAN PIPE



## EXCEEDING LIMITS WITH CONTINUOUS R&D

Borusan Pipe's research and development philosophy enables us to carry out research activities in all markets and develop new products for our customer's and market needs. As Borusan Pipe, we also conduct joint projects with our raw material suppliers to develop special material qualities for the manufacture of desired products. We collaborate in carrying out trial productions and troubleshooting activities to maintain excellence in product and process design and implementation to the best possible extent.

As a company that embraces Lean 6 Sigma methodology; launching breakthrough technologies, improving production and process control steps is a part of our daily life.

## VOC - MOST VALUABLE DRIVING FORCE

Borusan Pipe has been gathering the requirements and feedback from our customers to provide the best product and service quality. We have been applying the VOC (Voice of the Customer) process since 2003. Serving to our customers and delivering synergistic solutions in the most cost-effective way is a consistent discipline in Borusan Pipe. We aim to create tailored solutions for specific market needs. This approach drives us to exceed our own limits and provide valuable services to our customers.

## WELL ESTABLISHED SALES ORGANIZATION

Borusan Pipe's sales experts provide rapid response and reliable technical consultation in close cooperation with our customers before and after the sales process. Our sales organization consists of professional local representatives who speak the language of our customers in their market and always provide the best solutions for the business. The company's representatives are carefully picked from the best of highly qualified distributors in the local market. We provide the best solutions—in your country, in your language, with highly skilled professionals.

# QEHS MANAGEMENT



Borusan Group companies all share a common set of guiding principles, which help this vast enterprise operate in complete harmony. These principles reflect our commitment to productivity, innovation, and environmental responsibility.

From raw material to finished product, Borusan Pipe assesses its environmental impact and implements measures to minimize it at every stage of the process. Our Environmental Management System Certificate (ISO 14001) demonstrates our commitment to environmental sustainability.

Strong performance is driven by a healthy workforce. In compliance with ISO 45001, Borusan Pipe is committed to protecting the health and safety of its employees and service providers.

Borusan Pipe is exemplary not only for its modern management approach but also for its investments. Since 2002, we have been implementing the Lean Six Sigma methodology, and since 2003, we have been implementing the Voice of Customer (VOC) process.

The Lean Six Sigma methodology is a highly disciplined business management strategy aimed at eliminating the root causes of defects in production and business processes, to continuously improve productivity, profitability, and customer satisfaction. Additionally, through the VOC process, we gather customer requirements and feedback to ensure the highest level of product and service quality.

Our continuous efforts to enhance customer satisfaction have earned Borusan Pipe the Complaints Handling Management Systems Certificate (ISO 10002), making us the first company in the global steel pipe industry to achieve this certification.

## Quality Management Certificates

- IATF 16949 Quality Management Systems Standard for the Automotive Industry
- ISO 9001 Quality Management Systems
- ISO 14001 Environmental Management Systems
- ISO 10002 Quality Management Systems for Customer Satisfaction
- ISO 45001 Occupational Health and Safety Management Systems

## Quality System Certificates





# STANDARDS & CERTIFICATES



## PRODUCTION STANDARDS

Welded Cold Sized Tubes : EN 10305-3  
Welded Cold Drawn Tubes : EN 10305-2  
Welded Cold Sized Square and Rectangular Tubes : EN 10305-5

*Note: Other standards such as ASTM A513, JIS G 3445 etc. upon request*

## STEEL GRADES

Structural Steels : S235, S275, S355  
DQ Steels : DC01, DC03, DC04  
HSLA Steels : HC260LA, HC300LA, HC340LA, HC380LA, HC420LA S315MC, S355MC, S420MC, S460MC, S500MC, S550MC, S600MC, S700MC  
Dual Phase Steels : DP500, DP600, DP800, DP1000  
Heat Treatable Steels : 20MnB5, 22MnB5, 26MnB5, 30MnB5, 34MnB5  
Coated (Galvanized, aluminized) Steels : DX51, DX52, DX53, S220, S350, DX54, HX300LAD, HX340LAD

*Note: Other grades upon request*

## TESTS & INSPECTIONS

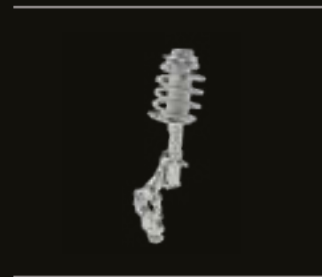
- Visual Examination
- Dimensional Inspection
- Metallographic Inspection
- Tensile Testing
- Drift Expanding / Flaring Test
- Flattening Testing
- Hardness Testing (HV, HRB, HRC)
- Ultrasonic Testing
- Flanging Testing
- Chemical Analysis
- Eddy Current Testing
- Surface Roughness Measurement

## INSPECTION DOCUMENTS

MTC (Mill Test Certificates) acc. to EN 10204 3.1; 2.2



# AUTOMOTIVE TUBES



SHOCK  
ABSORBER  
TUBES



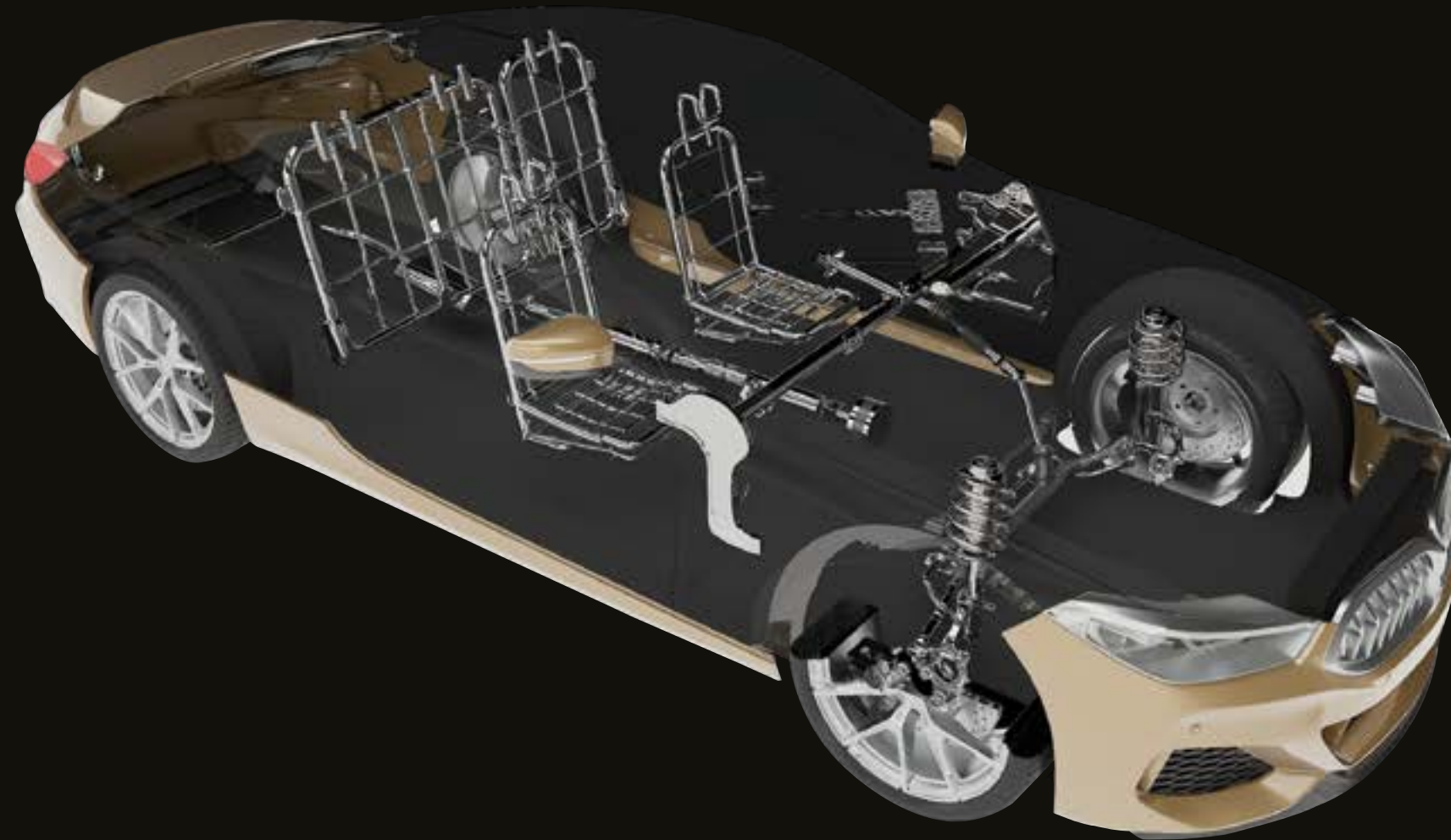
STABILIZER



STEERING  
COLUMN  
TUBES



TIE  
ROD  
TUBES



AXLE



TRUNK  
HINGE



CARDAN  
SHAFT  
TUBES



CROSS CAR  
BEAMS



DOOR  
IMPACT  
BEAMS



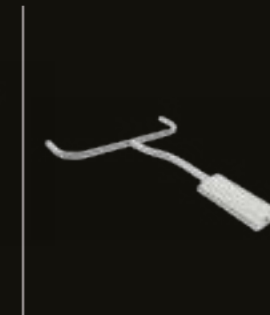
**BORUSAN PIPE IS A HIGHLY RECOGNIZED MANUFACTURER FOR ITS PRODUCT AND SERVICE QUALITY IN THE AUTOMOTIVE INDUSTRY.**

With facilities in Vobarno, Italy; Halkalı, Bursa, Gemlik, Türkiye and Ploiești, Romania, it specializes in the production of value-added precision tubes used in critical vehicle components. Our sales, quality, and design teams work together to manage various technical and schematic inquiries, providing our customers with custom-made solutions.

Its products are commonly used in passenger cars, light and heavy commercial vehicles which are traveling the globe.



GAS  
SPRING



EXHAUST  
TUBES



FRONT SEAT  
FRAME TUBES



HEAD REST  
TUBES

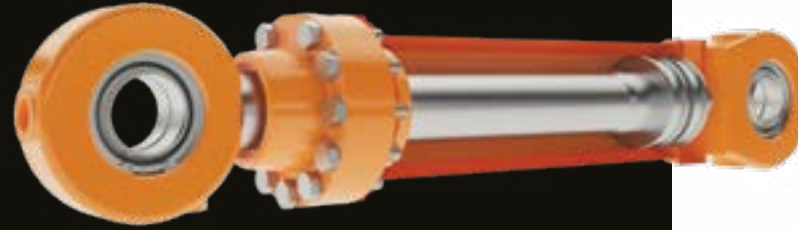


REAR SEAT  
FRAME TUBES

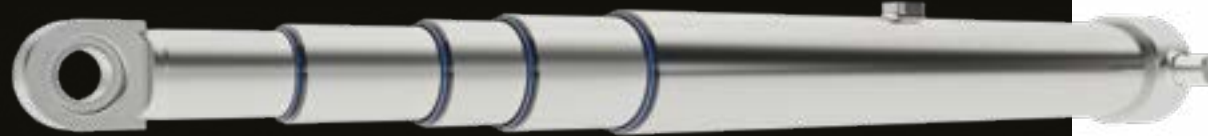


Borusan Pipe's wide product range in the precision business enables the company to serve various industries, ranging from hydraulic-pneumatic and drilling to mechanical applications. We take pride in being a preferred supplier of the industry for many years thanks to our meticulous approach to meeting the most stringent customer requirements.

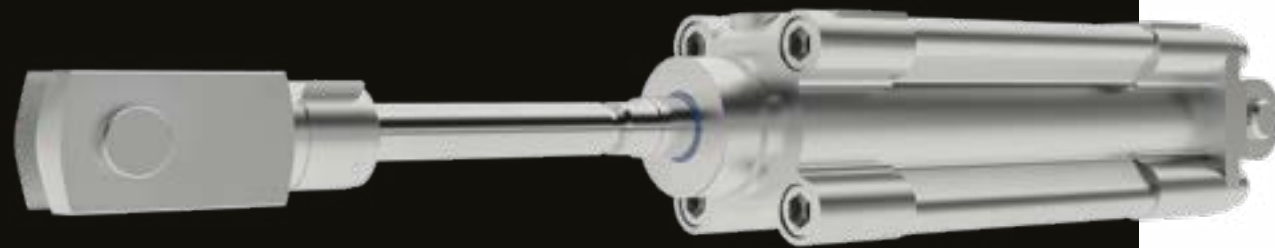
## HYDRAULIC APPLICATIONS



HYDRAULIC CYLINDERS



TELESCOPIC CYLINDERS



PNEUMATIC CYLINDERS

# INDUSTRIAL APPLICATIONS CUSTOM SHAPED STEEL PROFILES



Borusan Pipe manufactures custom-shaped profiles with the highest level of functionality according to customer expectations. Custom-designed profiles are used in a wide variety of applications for different sectors such as automotive, construction, agricultural machinery, towel rails, furniture, etc. We supply profiles with the most accurate tolerances to meet customers' requirements and drawings. Borusan Pipe has the knowledge to select the most suitable forming technologies to meet specific needs.

## TECHNOLOGIES FOR SPECIAL SHAPED PROFILES

- Direct Roll Forming
- HFW + Cold Forming
- Forming by Cold Drawing

We are ready to produce according to different standards and/or customers' specialized technical requirements.

Steel grades, wall thickness, dimensions, and tolerances may vary according to the requirements of the final product. Various pre-coated raw materials and final coating methods are available upon request.

## FURTHER PROCESSING

- Length Cutting
- Bending
- Hole Drilling
- Online Die Stamping

## TESTS & INSPECTIONS

- Visual Examination
- Dimensional Inspection
- Metallographic Inspection
- Tensile Test
- Chemical Analysis
- Flattening Test
- Hardness Testing (HV, HRB, HRC)
- Eddy Current Testing
- 3D Scanning

## INSPECTION DOCUMENTS

- MTC (Mill Test Certificates) acc. to EN 10204 2.2, 3.1





ASTM A 513 MECHANICAL TUBING (TYPE V-VI)

OD (inch)	Wall Thickness (inch)																								
	0.035	0.049	0.058	0.065	0.083	0.095	0.109	0.120	0.125	0.134	0.156	0.165	0.180	0.188	0.207	0.219	0.238	0.250	0.281	0.284	0.313	0.344	0.375	0.406	
0.625																									
0.688																									
0.750																									
0.813																									
0.875																									
0.938																									
1.000																									
1.063																									
1.125																									
1.188																									
1.250																									
1.313																									
1.375																									
1.500																									
1.563																									
1.625																									
1.688																									
1.750																									
1.768																									
1.875																									
2.000																									
2.125																									
2.250																									
2.375																									
2.438																									
2.500																									
2.563																									
2.625																									
2.750																									
2.875																									
3.000																									
3.063																									
3.125																									
3.250																									
3.375																									
3.500																									
3.555																									
3.625																									
3.688																									
3.750																									
3.875																									
4.000																									
4.022																									
4.062																									
4.095																									
4.125																									
4.250																									
4.375																									
4.500																									
4.562																									
4.593																									
4.625																									
4.750																									
5.000																									
5.125																									

Delivery Conditions: M.D., S.S.I.D.  
 M.D.: Mandrel Drawn  
 S.S.I.D.: Special Smooth Inside Diameter  
 Standard Norms Supplied: ASTM A 513  
 Steel Grades Mainly Used: 1008-1040

Please contact our sales department for any inquiries.

WELDED COLD SIZED SQUARE AND RECTANGULAR TUBES FOR PRECISION APPLICATIONS

Side Length b x h (mm)	Wall Thickness (mm)										
	0.80	0.90	1.00	1.20	1.50	2.00	2.50	3.00	3.50	4.00	5.00
8 x 20											
10 x 10											
10 x 15											
10 x 18											
10 x 20											
10 x 25											
10 x 30											
10 x 33											
10 x 35											
10 x 40											
10 x 50											
12.7 x 12.7											
15 x 15											
15 x 20											
15 x 25											
15 x 30											
15 x 35											
15 x 40											
15 x 50											
16 x 16											
17 x 21											
17 x 35											
18 x 18											
18 x 30											
19 x 19											
20 x 20											
20 x 25											
20 x 30											
20 x 35											
20 x 40											
20 x 45											
20 x 50											
20 x 55											
20 x 60											
20 x 80											
21 x 21											
23 x 30											
25 x 25											
25.4 x 25.4											
25.4 x 50.80											
25 x 30											
25 x 35											
25 x 40											
25 x 45											
25 x 50											
25 x 55											
25 x 60											
27 x 27											
30 x 30											
30 x 35											
30 x 40											
30 x 45											
30 x 50											
30 x 60											
30 x 70											
30 x 80											
30 x 90											
32 x 32											
32 x 60											
33 x 60											
35 x 35											
35 x 40											
35 x 45											
35 x 50											
35 x 75											
38 x 38											
40 x 40											
40 x 50											
40 x 60											
40 x 70											
40 x 80											
44.5 x 44.5											
45 x 45											
50 x 50											
50 x 60											
50 x 80											
50.8 x 50.8											
60 x 60											
70x70											
80x80											
90x90											
100x100											
110x110											
120x120											
120x130											
120x140											
130x130											











[www.borusanpipe.com](http://www.borusanpipe.com)



[pipe@borusan.com](mailto:pipe@borusan.com)



+90 (549) 393 58 00



/Borusanpipe



/Borusanpipe



/Borusanpipe



**BORUSAN  
PIPE**