

Application of Bending

Shaped Steel Bend



is used for structure, Reinforcement of civil construction, Monument, Sign board pole, Roller coaster, Pedestrian bridge etc.

Bending Application

Material : Carbon Steel, Stainless Steel, Aluminum etc.

Shape : H Beam, Angle, Channel, Square Pipe, Rectangular Pipe, Bar

Example :H beam size : Max.900 H

Bending Radius: H100×100 6/8mm

250mmR H600×200 11/17mm 3500mmR

Bending For Structures

Advances in CAD now allow for the use of many curves in structures. Consequently, DHF's bends support the free design and creation of a wide range of beautiful structures: aqueducts, pedestrian bridges, bridge footing arches, roof beams for stadiums, stations, pavilions, amusement facilities such as jet coast-ers, elevated railway pillars, supports for automotive noise insulation boards, monuments, and many others.



Pipe Bend For Plant & Shipbuilding



Bend pipes can meet various material requirements and adopt any bending radius and angle as well as multiple bends as required for use in applications for various and diverse industries and piping systems.

Bending radius	Industry	Examples	Applicable material
1.5DR~3DR	Petroleum refinery, petrochemical Environmental equipment, area-wide air conditioning Foods, medicines Store Shipbuilding, Floating Production Storage Offloading (FPSO)	Miscellaneous Fertilizer Refuse disposal, sludge disposal LNG, LPG Marine piping **** Cargo oil pipe	Carbon Steel/Stainless steel/Low Alloy Carbon Steel/Low Alloy Carbon Steel/Stainless steel/Low Alloy Stainless Steel Stainless Steel/Aluminum Killed Steel Carbon Steel 1% Cr
3DR~5DR	Petrochemical	Terephthalic acid plant	Titanium
5DR~15DR	Petrochemical	Pellet transport, powder transport	Stainless Steel
Special shape	Petroleum refinery Gas treatment	CCR heating furnace tube Reformer Ethylene/naphtha reaction tube	Inconel, 9 Cr Incolloy, stainless steel Centrifuge-cast pipe Interior-finned tube
Special applications	Petrochemical	Heat-insulation pipe	Duplex tubes with stainless and carbon steels