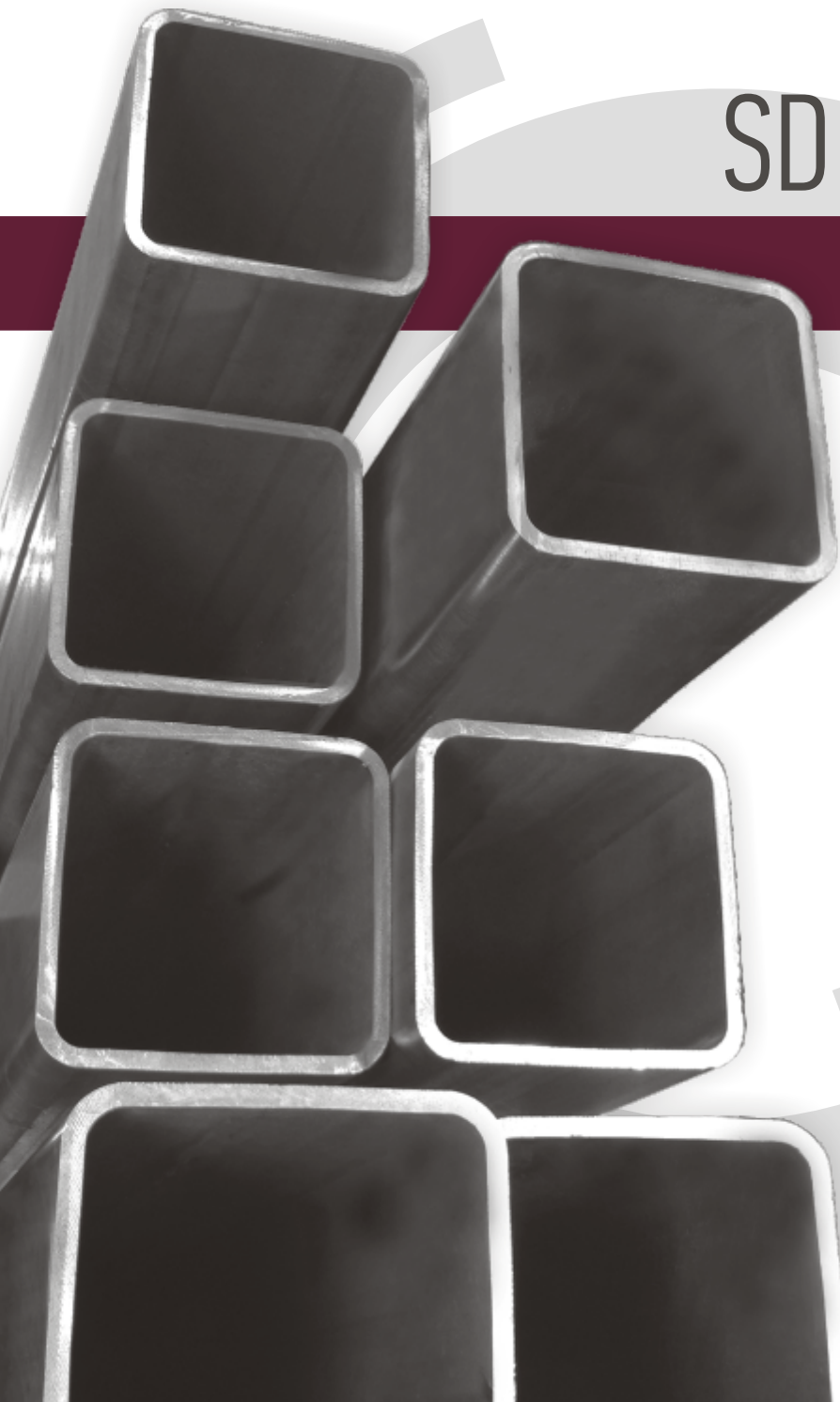




# SD Hollow Sections

**THE HIGH-GRADE RANGE**

of cold-formed HSS of Corinth Pipeworks



# SD Hollow Sections

## THE HIGH-GRADE RANGE

of cold-formed HSS of Corinth Pipeworks

The SD family of hollow sections is produced from high-strength S355J2H and S460MH Steel in Corinth Pipeworks factory in Thisvi, Greece.

The SD HSS family is pushing the envelope in steel construction, by providing high strength hollow sections at lower unit weight, suitable for very demanding, highly-stressed structures such as:

- Road and pedestrian bridges
- Roofs, hangars and various superstructures such as airports, stadiums, shopping malls etc.
- Long - span and slender steel structures
- Cranes, booms and masts
- Earth moving and agricultural equipment frames
- Machinery and process equipment frameworks
- Road, railway car and trailer frames
- Lighting and traffic sign poles, road sign frameworks
- Pile foundations





## Advantages of SD HSS

- **High strength**
  - > Higher load bearing capacity
- **High elongation and low carbon content**
  - > High formatibility - weldability
- **Less unit weight for same load-bearing need, leading to:**
  - > Economy
  - > Improved sustainability
  - > Slender design

## Marking

SD 355 Extra SD 460 Ultra  
EN 10219 - S460MH - S355J2H  
Product Size: <       >  
<month/year>  
CERT No <       > CE

## Certification

Det Norske Veritas (DNV)  
CERT No: 1162-CPD-0471 REV1  
STEEL QUALITY:  
S460MH / S355J2H

## Technical Support

PR.A.K.SY.S., a subsidiary company of SIDENOR GROUP, staffed with experienced structural engineers provides complete technical support on the design and application of the structural sections.

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