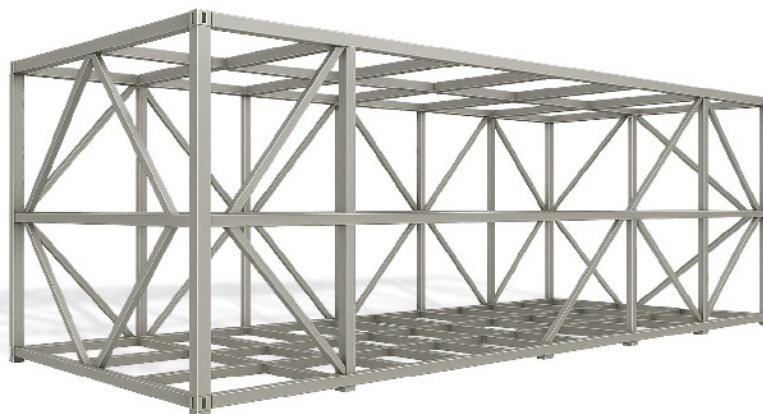


## Structural Components

Due to its superior strength, minimal structural weight enables maximum payload and minimum CO2 emissions during manufacturing and operations.

Superior duplex strength and toughness provide the best possible structural safety in the event of an accident. For this reason, duplex stainless steels are widely used in the transportation industry for critical framing components.

Duplex's excellent corrosion resistance guarantees a practically unlimited service life. After its service life, the duplex is 100% recyclable.



Excellent corrosion resistance | Maximum service life | Maximum structural safety  
Minimal structural weight | Minimal CO2 impact

### Square hollow sections

20 x 20 x 1.2 – 300 x 300 x 12 mm

### Press brake tubes

up to 500 x 500 x 15 mm

### Components

ready laser-cut

### Rectangular hollow sections

30 x 20 x 1.2 – 400 x 200 x 12 mm

### Welded I-beams

up to 600 x 300 mm

### U-profiles, L-profiles and sheets

Material properties				
Grade	0.2% proof strength Rp0.2 Mpa	Tensile strength Rm	Elongation A %	PRE
EN 1.4162   STALA630D	630	750	20	26
EN 1.4162   STANDARD	480	690–900	20	26
EN 1.4307   STALA350	350	600	30	18
EN 1.4318   STALA500	500	750	25	20
EN 1.4003   STALA400F	400	450	10	12

[BROCHURE – HOLLOW SECTIONS, I-BEAMS AND PROFILES >](#)

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