



# SHARPCUT

STEEL FOR LASER CUTTING



HOT ROLLED STEEL FOR  
LASER PROCESSING

# SHARPCUT

Cut extremely fine contours  
with clean edges

## Sharpcut

We are adding a new product Sharpcut into our portfolio. Sharpcut is a hot rolled steel with special chemical characteristics, reduced internal stress and improved flatness according to EN 10029/10 (S class) suitable for laser cutting.

## Application

Sharpcut is delivered as construction grades, drawing and high strength low alloy grades in form of sheets. It is suitable for wide use, from heavy-loaded elements - such as bridges - to smaller design parts with high level of detail. Also, yellow goods manufacturing and even shipbuilding might take advantage of its characteristics. In addition, you can use Sharpcut for rigid parts of wagons as well as heating equipment.

Clean edges and high level of precision let you cut with maximum utilization

	Grade	Standard
<b>Structural</b>	S185, S235 S275, S355	EN 10025-2/04
<b>Drawing</b>	DD11, DD12 DD13, DD14	EN 10011/08
<b>High-strength low alloy</b>	S315MC, S355MC S420MC, S460MC S500MC, S550MC	EN 10149-2/13

## Laser cutting benefits

Using laser to process steel material comes with many benefits - from cutting difficult shapes and patterns all in one operation, to positional accuracy to maximum utilization of resources.

## Highly protective packaging

Sharpcut comes with better packaging that keeps it clean and protected from weather so your material is always delivered in ready-to-use condition.

## Technical characteristics

### Thickness

3.00 - 12.70 mm

### Width

700 - 1 500 mm

### Length

2 000 - 12 000 mm

### Weight of bundle

1 - 10 mt (max height 400 mm)

### Finish

Mill

### Flatness

Restricted tolerance according to EN 10029/10 (S class)

For more details visit [usske.sk](http://usske.sk)