

WATER CUTTING OFFER / WATERJET



We provide waterjet cutting services. The waterjet technology consists in cutting materials by a high pressure water jet.

Water contains abrasive additives thanks to which it is possible to cut steel. The advantage of the abrasive treatment is the cutting of materials without changing their structure.

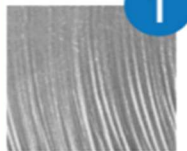
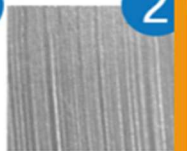
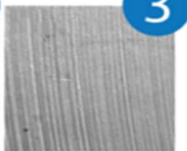

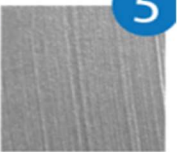
We offer cutting elements according to customer drawings (prefer file :dxf)

Material thickness: up to 100mm

The maximum working range of the table: 1800 x 5700

Species : S355, C45, 41CR4, 40CrMnS8-6, 40CrMnMo7, H400, H500 and others from our wide range.

As standard we cut out in the third roughness class

Roughness determined according to the parametr Ra [μm] only if we do not use surplus allowances. (The customer receives the finished product not subject to further processing)					
Roughness class					
	parametr Ra	4,46 μm	3,91 μm	3,06 μm	2,81 μm

on special request of the client in higher classes.
 The tolerance limit of the dimension for a material thickness.

Range of dimensions (mm)				
Material thickness (mm)	≥ 200	≥ 200 < 500	≥ 500 < 2000	≥ 2000 < 5700
≥ 10	$\pm 0,5$	$\pm 0,6$	$\pm 0,7$	$\pm 1,0$
$> 10 \leq 30$	$\pm 0,6$	$\pm 0,7$	$\pm 0,8$	$\pm 1,0$
$> 30 \leq 50$	$\pm 0,7$	$\pm 0,8$	± 1	$\pm 1,2$
$> 50 \leq 80$	$\pm 0,9$	$\pm 1,0$	$\pm 1,2$	$\pm 1,5$
$> 80 \leq 100$	$\pm 1,0$	$\pm 1,2$	$\pm 1,5$	$\pm 2,0$

