

Material type

Metal

Material name

Carbon steel EN8/C45 | 1.0503 | 1045H | Fe

Alternative names

Steel 1.0503

Process compatibility

CNC machining**Mechanical properties**

Ultimate tensile strength	530-580 MPa
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Yield strength	230-275 MPa
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Elongation at break	16 %
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Post treatments

Anodizing compatibility	Not suitable
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