

ARCHITECTURE

HOT EXTRUDED SPECIAL STEEL PROFILES FOR FAÇADE AND CONSTRUCTION



+ CREATIVITY

TAILOR MADE PROFILES IN ORDER TO SATISFY THE INDIVIDUAL DESIRE OF STYLE. CREATIVITY IS AN ATTITUDE. IT IS A MINDSET.

IT IS THIS ATTITUDE THAT DRIVES THE DESIRE IN ONE TO PRODUCE SOMETHING NEW RATHER THAN REPRODUCE EXISTING TRIED AND TESTED IDEAS.

+ DIVERSITY

INNOVATIVE SOLUTIONS FOR AMBITIOUS ARCHITECTS. FOR PLANNERS AND ARCHITECTS THE WIDE-RANGING SPECTRUM OF HIGHLY DIFFERENTIATED PROFILE GEOMETRIES OPENS UP AN ALMOST INFINITE NUMBER OF POSSIBLE FORMS.

KEY ADVANTAGES

- Heat resistance
- Durability
- Sustainability
- Appearance
- Finishes



QUICK FACTS

- ✓ Tailor made profiles
- ✓ Seamless and complex shapes
- ✓ Solid and hollow sections
- ✓ Very high design flexibility
- ✓ Small volume production
- ✓ Midsize to large profiles
- ✓ Low tooling cost
- ✓ Prototyping possible

ACHIEVEMENT

- ✓ Different thickness within the same section
- ✓ Integration of grooves
- ✓ Hollow profiles for lighter structures
- ✓ Hollow profiles for water heated curtain walls

MATERIALS

CARBON STEEL
STAINLESS STEEL
DUPLEX STEEL
TITANIUM

DIMENSIONAL CAPABILITIES

- **MATERIAL THICKNESS:** min 4 mm
- **SIZE RANGE:** fit in a circle of max \varnothing 255 mm
- **INSIDE DIAMETER FOR HOLLOW PROFILES:** from 20 mm to 160 mm
- **WEIGHT PER METER:** from 1.5kg/m to 120 kg/m
- **LENGTH:** max. 16.000 mm, depending on profile cross section and weight per meter
- **TOLERANCES:** depending on profile cross section and material

CASE STUDIES



1



2



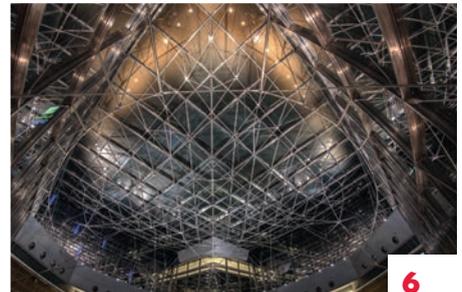
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1 REICHSTAG DOME

Location: Berlin
Year: 1992
Architect: Norman Foster

2 FREEDOM TOWER

Location: New York
Year: 2006-2012
Architect: David Childs Skidmore

3 BIBLIOTHÈQUE DE FRANCE

Location: Paris
Year: 1994
Architect: Dominique Perrault

4 UNIQUA TOWER

Location: Vienna
Year: 2005
Architect: Neumann

5 HANGAR 8, SALZBURG

Location: Salzburg
Year: 2003
Architect: V. Burgstaller

6 ORCHARD ROAD

Location: Singapore
Year: 2015
Architect: Raymond Woo

HOT EXTRUDED
SPECIAL STEEL PROFILE

SIDERVAL
SPECIAL PROFILES IN STEEL

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