Inferior materials are sometimes used to fasten stainless steel panels and components (especially in building and architecture). Galvanic cells are formed if galvanised or aluminium fasteners come into contact with large stainless steel surfaces and an electrolyte (for example, atmospheric humidity) is present. The galvanic reaction makes fasteners corrode quickly. Stainless steel fasteners dramatically reduce this problem.

**LOCATION/ENVIRONMENT**
Spain and throughout the world - outdoor and indoor

**PRODUCT**
Wire

**FABRICATION PROCESS**
Cold drop forging

**GRADE**
AISI 304 (18Cr-8Ni), AISI 316 (17Cr-12Ni-2Mo)

**SURFACE**
2B, BA

**COMPETING MATERIAL**
Carbon steel, aluminium

**DATE OF COMPLETION**
2000

**MANUFACTURING COMPANY**
BRALO, S.A.

**MATERIAL SUPPLIER**
Inoxfil

**SOURCE OF INFORMATION**
Cedinox

**REMARKS**
The prize jury acknowledged the award winner’s commitment to making full stainless steel solutions economically viable.