



THINK PARTS THINK TORNOS



ELECTRONICS

Proven solutions in the electric and electronic field since 50 years.



Serge Villard
Segment Manager Electronic
T +41 32 494 44 44
F +41 32 494 49 03
villard.s@tornos.com

Automation and miniaturisation

Connectivity is everywhere in our lives, whether it's connecting our electrical devices to power sockets or connecting the different components of our computer or electronic entertainment systems. Just like the automotive and medical industries, the electronics industry benefits from technological advances in bar turning. Ever greater customisation of each connector, the standardisation of mass-market products and changing needs in terms of miniaturisation are all challenges faced every day by our customers, and these lead to very specific technical requirements. The electronics industry needs to make a sustained effort in terms of

productivity. Reducing costs and mass production are the cornerstones of your industry. The connectivity business requires a highly automated industrial tool in order to produce ever more sophisticated components on a large scale. Today's connectors require advanced machining knowledge which is increasingly targeted and precise. The materials used in these industries also require advanced knowledge of machining, aluminium, PEEK, the toughest stainless steels, titanium and cobalt-chrome. The production techniques must be innovative and responsive in order to respond immediately to market demands. Tornos provides specialised solutions with a proven track record in this very demanding sector. We invite you to discover more about us in this prospectus. If you require further information, please do not hesitate to contact your usual representative.

Serge Villard
Segment Manager Electronic

DIVERSE APPLICATIONS



There is no industry bigger than the electronics industry. Each of the listed sectors has its own characteristics and requirements. Our specialists are on hand to analyse your real requirements and expectations and give you the best advice on purchasing one of our products.

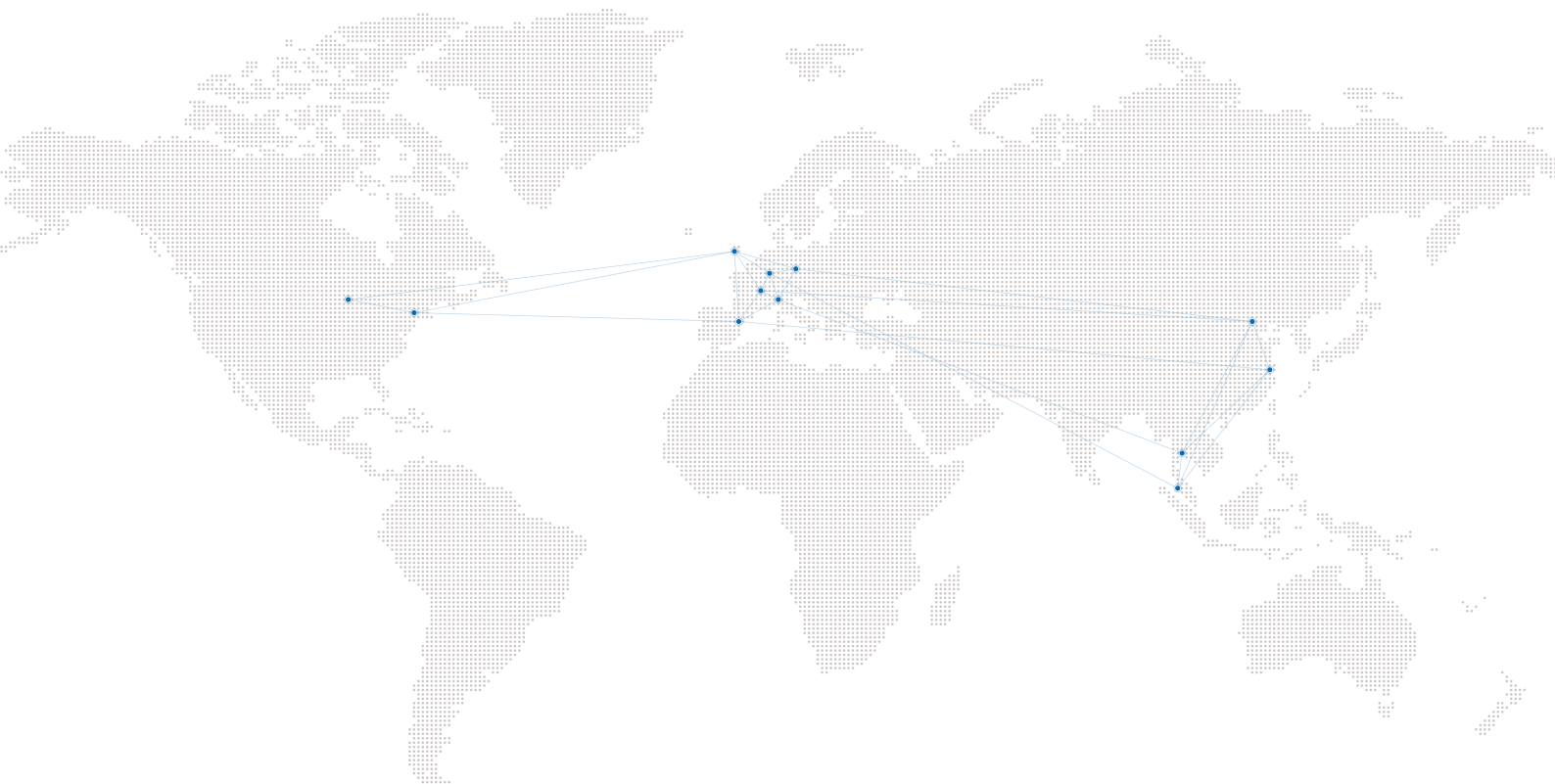
- Medical
- Instrumentation
- Industry
- Energy
- Pharmaceuticals
- Transport
- Safety
- Vacuum technology
- Oil and gas
- Audiovisual
- Automotive
- Extreme sports
- Food
- Nuclear
- Measurement

OUR SUBSIDIARIES



Our subsidiaries

Tornos has a worldwide sales and services network. This global presence is one of the keys to our leadership. Thanks to local Tornos offices worldwide, which enable us to provide technical support in our customers' languages and in keeping with their customs, we help improve their quality, increase their productivity and reduce their operating costs. Our network enables us to follow your business activities across the globe.



CONNECTORS



Copper



Brass



Brass



C11 BE



Brass



Brass



Brass



MS 58



Brass



Aluminium



Stainless steel 303



Stainless steel 303



Stainless steel 303



Stainless steel 303



Stainless steel 303



Stainless steel 303

CONNECTORS



Bronze



Brass



C97



Brass



Brass



Brass



C97



C97



Brass



Brass



Bronze



Cu Be



Zn 39PB3



Bronze



BZ4



Cu Zn 39PB3



Brass



Brass



Brass



Brass

CONNECTORS



Stainless steel 303



Alpaca



Bronze



Brass



Free cutting steel



Free cutting steel



Stainless steel 303



Peek



Brass



Brass



Brass



Brass



Brass



Brass



Brass



Brass

PRECISION PARTS



Stainless steel 303



Stainless steel 303



Stainless steel 303



Stainless steel 430



Stainless steel 416



Stainless steel 430



Stainless steel 303

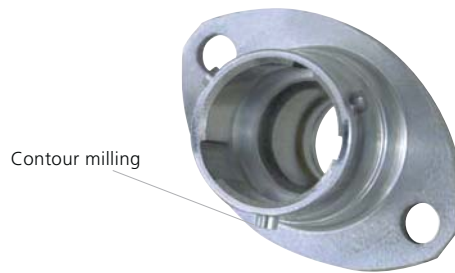


Stainless steel 303

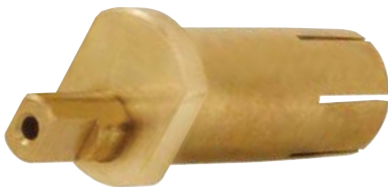
REMARKABLE OPERATIONS



Teeth milling
Real size 35 mm



Polar coordinate milling
Real size 23 mm



Eccentric machining
Real size 20 mm



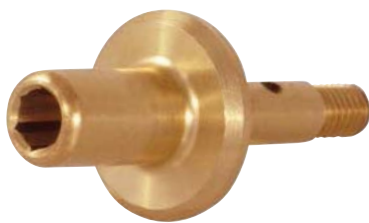
Form material
Real size 14 mm



Special slots squeezing
Real size 18 mm

REMARKABLE OPERATIONS

Do you need further information concerning specific operations?
Do not hesitate to contact your Tornos specialist!



Broaching
Real size 26 mm



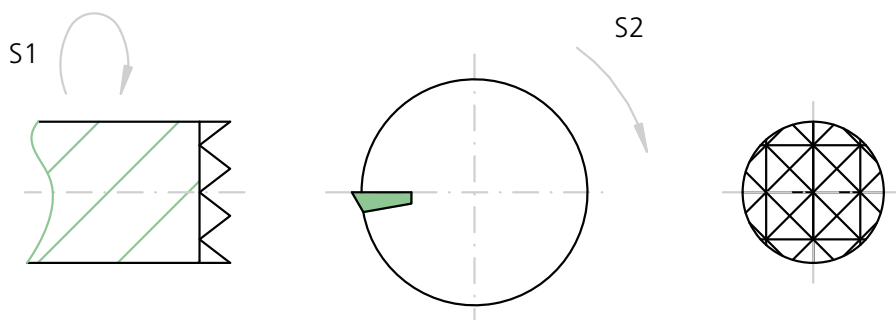
C Axis
Real size 29 mm



Bending
Real size 24 mm



Front polygon milling
Real size 18 mm



TORNOS SA

Rue Industrielle 111
CH - 2740 Moutier
T +41 (0)32 494 44 44
F +41 (0)32 494 49 03
contact@tornos.com
www.tornos.com

TORNOS TECHNOLOGIES

DEUTSCHLAND GmbH

Karlsruher Str. 38
D - 75179 Pforzheim
T +49 (0)7231 / 910 70
F +49 (0)7231 / 910 750
contact-ttd@tornos.com

TORNOS TECHNOLOGIES

FRANCE

Boîte postale 330
St-Pierre en Faucigny
F - 74807 La Roche
s / Foron Cedex
T +33 (0)4 50 038 333
F +33 (0)4 50 038 907
france.contact@tornos.com

TORNOS TECHNOLOGIES

IBÉRICA

Pol. Ind. El Congost
Avda. St Julià, 206 Nave 8
E - 08403 Granollers
T +34 93 846 59 43
F +34 93 849 66 00
comercial.tti@tornos.com

TORNOS TECHNOLOGIES

ITALIA SRL

Via Cesare Pavese 21
I - 20090 Opera / MI
T +39 02 57 68 15 01
F +39 02 57 68 15 230
italia.contact@tornos.com

TORNOS TECHNOLOGIES

US CORPORATION

840 Parkview Boulevard
US - Lombard, IL 60148
T +1 630 812 2040
F +1 630 812 2039
info-us@tornos.com
www.tornos.us

TORNOS TECHNOLOGIES

UK LTD

Tornos House
Whitwick Business Park
Coalville
UK - Leicestershire LE67 4JQ
T +44 (0) 1530 513100
F +44 (0) 1530 814212
sales@tornos.co.uk

TORNOS TECHNOLOGIES

POLAND Sp. z o.o.

Ul. Spółdzielcza 37-39
55-080 Kąty Wrocławskie
Poland
T +48 71 33 85 618
F +48 71 33 85 617
poland.contact@tornos.com

TORNOS TECHNOLOGIES

(Shanghai) LTD

Hui Feng Creativity Garden
Feng Yu Building, 1-2F
No. 239, Xitai Rd, Xu Hui District
CN - Shanghai 200232
T +86 21 6235 1235
F +86 21 6235 1938
china.contact@tornos.com

TORNOS DONGGUAN OFFICE

SE1-29, Changrong International
Machinery Hardware Square, No.56
Middle ZhenAn Road, Wusha,
ChangAn Town, Dongguan City,
Guandong Province, 523859
T +86-769-8533 7266
F +86-769-8533 7265
china.contact@tornos.com

TORNOS BEIJING OFFICE

Rm.1706, Tower A
Dongyu Office Building
Jia #1 Shuguang Xili
Chaoyang District
CN - Beijing 100028
T +86 10 5979 8583
F +86 10 5822 0483
beijing.contact@tornos.com

TORNOS SA THAILAND

REPRESENTATIVE OFFICE

7th Floor, 19, Bangna -Trad Soi 34,
Bangna -Trad KM. 3 Road.
Bangna, Bangkok, 10260
Thailand
T +66 2746 8840-1
F +66 2746 8842
thailand.contact@tornos.com

TORNOS TECHNOLOGIES ASIA LTD

MALAYSIA

REPRESENTATIVE OFFICE

No. 1-1-11, Ground Floor & 1-2-11,
First Floor, One Terrace Plus,
Tingkat Mahsuri 4, 11900 Bayan Lepas,
PENANG, MALAYSIA
T +60 4 642 6562 / 4 642 6563
F +60 4 642 6561
malaysia.contact@tornos.com

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