



turned parts, axles,
special screws

INNOVATIVE &
HIGH-QUALITY

RUMPEL
metalparts

SWISS-MADE first-class workmanship

TRADITIONALLY THE BEST

Rumpel SA is an independent, highly successful SME in the screw machining sector. Founded in 1932, the company currently employs a workforce of around 50 people.

The company regularly invests in the renewal of infrastructure and production machinery, as well as the further training of its personnel. Ongoing optimisation of its services and ISO certification guarantee the high quality of our Swiss-made products.

Rumpel SA is characterised by its commitment and market proximity, and is synonymous with outstanding customer solutions.

METAL & PLASTIC PARTS

What we previously processed in metal in a more traditional production process, you can now obtain from us in plastic – why not test our efficiency in this material?



Turned and milled parts in metal and plastic



we've got the knack

TURNED PARTS, SHAFTS AND AXLES

Using the most up-to-date equipment, we manufacture smaller and larger production runs, turned parts, shafts and special screws for the most varied clientele at home and abroad. We provide customer-specific laser marking, vibratory grinding and individual packaging with brand logos. And when it comes to more specialised jobs, we can depend on local, long-standing, reliable partners.

We produce the required parts according to your specifications, using all current materials, in diameters ranging from 4 to 65 mm and with a maximum length of up to 600 mm. We process predominantly machining steels, as well as various types of stainless steel and aluminium. Depending on the size and complexity of the production run, we produce workpieces on CNC multi-spindle and turning centres and long-part lathes.

For the further machining of blanks and more complex workpieces, Rumpel utilises high-performance automatic thread rolling and rotary indexing machines, universal lathes, high-precision milling and turning centres, as well as centreless grinding machines.

On request, we are able to produce individual parts and mount further components onto assemblies.

We also supply complete assemblies



SPECIFICATIONS

- Machining diameter: - 65 mm
- Max. length: - 600 mm

PROCESSING OPTIONS

- Deep-hole boring
- Cylindrical grinding
- Centerless grinding
- Honing
- CNC milling
- CNC precision turning
- CNC boring
- Thread rolls
- Burnishing
- Hexagon socket head
- Torx® and Torx Plus®
- Laser marking



SPECIAL SCREWS AND TAPPED BUSHINGS

just the ticket!

The different kinds of turned screws we produce can be manufactured with standard metric or American/English threads, with fine-pitch threads or various thread pitches.

- | | | |
|-------------------------|------------------------------|--------------------------|
| • Adjustable elements | • Eccentric screws | • Specialist screws |
| • Adjusting elements | • Eyebolts | • Special-purpose screws |
| • Adjusting screws | • Fillister head screws | • Step screws |
| • Capstan-headed screws | • Fitted screws | • Stop screws |
| • Centring screws | • Fitting screws | • Stud screws |
| • Cheese-head screws | • Fixing pins | • Support screws |
| • Closing screws | • Flat-head screws | • Tapered fitted screws |
| • Collar screws | • Gripper screws | • Tapered screws |
| • Cone screws | • Hexagon socket head screws | • Tapered threaded pins |
| • Countersunk screws | • Hollow screws | • Tensioning wedges |
| • Coupling screws | • Locking screws | • Tension screws |
| • Cross slides | • Pressure pins | • Threaded pins |
| • Differential screws | • Radial screws | • Threaded sleeves |
| • Double thread pins | • Round head screws | • Threaded sockets |
| • Eccentric bolts | • Shoulder screws | • Torx® screws |
| • Eccentric pins | • Solder screws | • Torx Plus® screws |

TORX® AND TORX PLUS®

Rumpel holds a licence to manufacture both of these copyright-protected drive systems. These drives are capable of delivering high levels of torque without damaging the screw head. They reduce assembly times, increase productivity and improve performance on assembly lines.

TORX®

High level of torque transmission, very good power transmission by the screwing tool, easier screwdriving and no contact pressure necessary.

TORX PLUS®

Higher torque transmission in comparison with Torx®, the screwing tool cannot slip and radial forces are avoided thanks to the wide application of force.



SPECIFICATIONS

- Specialist screws and fixing elements based on customer drawing
- Machining diameter: - 65 mm

PROCESSING OPTIONS

- Qual. 10.9/12.9/14.9
- Heat and surface treatment
- Thread-locking systems
- Hex-socket and Torx®/Torx Plus®
- Wear protection
- Laser marking



**COMPETITIVE AND
CONVINCING** high
quality

We manufacture high-alloy steel fixings for turning and milling tools used in large and small production runs involving turned designs in the carbide tool industry at home and abroad. Depending on the production quantity, WSP clamping screws, tapped bushings, pins or parts are manufactured according to your specifications either on efficient automatic multi-spindle units or CNC lathes.



INITIAL MACHINING

Using our high-performance Index, Tornos and Schütte CNC multi-spindle automatic lathes, we can produce larger quantities ranging from 2,000 to 500,000 pieces and more. We have CNC turning centres to hand for smaller quantities.

FINISHING

For efficient secondary or multiple machining operations, we have at our disposal high-performance machining centres, CNC precision lathes, automatic grinding/honing/thread rolling machines and deep-hole drilling machines.



QUALITY ASSURANCE

Our quality management system (ISO 9001: 2015) is checked regularly with recertification audits. In order to ensure that the measuring and test equipment used delivers the correct values, they are checked and calibrated at regular intervals.

FINISHING

A large number of workpieces require additional finishing, such as heat treatment, electroplating or various thread-locking procedures, which we have carried out by qualified, long-standing partner companies. Vibratory grinding, as well as laser marking and wear and tear, abrasion and corrosion protection, are all handled in-house.

TOOLMAKING

In our mechanical section, lathe tools are manufactured or reground on the highest precision, modern, CNC tool-grinding machines. This ensures perfect-quality manufacturing on mechanically-controlled, automatic, multi-spindle machines.



**AT HOME
WORLDWIDE** global
markets

On request, we can supply electroplated, heat- and surface-treated or laser-marked parts ready for immediate use. Packaging printed with logos and barcodes are options that many of our customers appreciate. As an industrial SME, we do everything possible to personally advise our customers and deliver exemplary quality products to them promptly.

Rumpel precision turned parts are built into the end product of our customers all over the world and used and marketed in the most varied sectors of industry.

Even if your sector of industry is not mentioned here, we are sure we can find the optimal solution for you. Call us on +41 61 956 90 20 or send us an e-mail to: info@rumpel.ch. We would be pleased to offer you relevant advice.

- Automation
- Automobile industry
- Building services
- Cable and wire technology
- Carbide-metal tools industry
- Control/fluid technology
- Conveyor technology
- Diving equipment
- Document processing
- Drive engineering
- Electronics
- Energy systems
- Equipment engineering
- Food industry
- Furniture industry
- Glass fittings
- Household equipment industry
- Hydraulics
- Laboratory equipment
- Machining technology
- Mechanical engineering
- Medical engineering
- Metal and facade construction
- Military and measurement technology
- Packaging industry
- Plastics processing industry
- Pneumatics
- Railway vehicles
- Robotics
- Sealing industry
- Shelving systems
- Signalling/transport technology
- Ski/Alpine touring bindings
- Solar technology
- Stamp/sheet metal manufacturing
- Tooling systems
- Valve industry
- Watchmaking industry

Always here for you
+41 61 956 90 20
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REMARKABLE EXPERTISE

Discerning customers, both local and international, put their trust in the high-tech solutions of Rumpel metalparts. They benefit from dynamic production with the highest level of precision, shortest retooling times and attractive workpiece costs.

But for us, the main things are good communication with yourselves, offering relevant advice and coordinating our mutual expectations.

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