



PRODUCTION CAPABILITIES
SCREWS



SPECIAL SCREWS

We develop and manufacture special screws according to your requirements. All drive types, sizes, strength classes, coatings, and finishes can be freely combined.

STANDARD SCREWS

High-quality standard screws according to DIN and ISO. Large selection available from stock with fast delivery. Precisely manufactured, certified, and reliable for your applications.



SAMPLE SCREWS

We develop screw prototypes and provide advice on material, coating, finishing, and packaging. Even small batch sizes are manufactured with precision and flexibility.

CUSTOM SCREWS

We manufacture screws according to drawings and individual specifications - including special tolerances, customized head geometry, modified drives, diameters, and threads.



COMPLETE SOLUTIONS

Our all-in-one screw solution: manufacturing, finishing, and coating from a single source. From wire to custom packaging - everything precisely tailored to your requirements.



MANUFACTURING EXPERTISE AT FREY SCHRAUBEN

The following criteria provide a precise overview of the manufacturing capabilities of FREY Schrauben GmbH. All fasteners are produced at our facility in Boxberg and tested and certified in our in-house DAkkS-accredited testing laboratory. Special screws and bolts are manufactured after a successful feasibility assessment. Our in-house toolmaking department enables us to create screw designs in a wide variety of variations.

SCREW DRIVES

- Slotted
- Hexagon Socket (ISK)
- Hexalobular (ISR, TORX, TORX-Plus, 5-Lobe, 6-Lobe)
- Cross Recess (KS-H = Phillips, KS-Z = Pozidriv)
- Spline Drive
- Hexagon (with/without flange)
- TRIWING
- Safety Drives
- Combination Drives
- Locking gears
- Bolts and Rivets
- Standard Screws (DIN / ISO) – also available with modified head dimensions, length, shank, or drive form.

NOTE

ALL SCREW CRITERIA CAN BE FREELY COMBINED!

SCREW HEADS

- Flat Round Head
- Functional Head
- Domed Head
- Countersunk Lens Head
- Pan Head
- Countersunk Head
- Hexagon Head
- Cylinder Head
- Custom Shapes on Request

DIMENSIONS

- M2.5 to M3.5 – up to a length of 60mm
- M4 to M10 – up to a length of 100mm

THREAD TYPES

- ISO Thread
- Fine Thread
- Self-Tapping Thread

PROPERTY CLASSES

- Steel Wire according to DIN 898-1
- Brass Wire (lead-free)



FINISHES

- Zinc
- Thick-Layer Zinc
- Zinc-Iron
- Zinc-Nickel
- Zinc-Flake Coating
- Zinc Phosphating
- Manganese Phosphating
- Bluing (Black Oxide Coating)
- Nickel Plating (Electrolytic / Chemical)

COATINGS

- Adhesive Coating (DIN 267, Part 27)
- Clamping Coating (DIN 267, Part 28) based on PRECOTE
- 3M
- TUFLOK
- Additional coatings available upon request

OUR EXPERTISE - WE SPECIALIZE IN THE PRODUCTION OF SMALL BATCHES.

DIN-STANDARD

63, 84, 85, 87, 88, 558, 603, 912, 920, 921, 923, 931, 933, 963, 964, 965, 966, 967, 1665, 6912, 6921, 7500, 7984, 7985, 7991, 34805-1, 34805-2, 34821

DIN EN ISO-STANDARD

1207, 1580, 1662, 1665, 2009, 2010, 4014, 4017, 4762, 7045, 7046, 7047, 7048, 7380-1, 7380-2, 10642, 12474, 14579, 14580, 14581, 14582, 14583, 14584

INITIAL SAMPLE TEST

VDA Levels 0-3, PPAP Levels 1-5, and APZ 3.1. Additional versions and special requirements are available upon request. All (initial sample) measuring instruments are DAkkS-certified.

CLEANLINESS AND SORTING

Technical cleanliness can be provided according to customer specifications and ISO 16232. Internal roller sorting and external camera sorting are possible up to 10 ppm.

CONTACT

We look forward to your inquiry! Our experienced sales team will be happy to help. To the [contact form](#) or to the [sales team](#).