Metric screws manufactured for standard-compliant applications according to DIN and ISO.

Technical information

Metric screws from OEB stand for standard-compliant connection technology with precision and variety – manufactured according to ISO thread profile with a 60° flank angle. We supply standard and fine threads in all common DIN versions as well as special formats according to drawings or samples – also available in large quantities at short notice. Whether steel, stainless steel, brass or aluminum: Our metric screws are produced as cold-formed parts or turned parts – exactly adapted to your requirements in mechanical engineering, automotive or electrical industry.

Areas of application

Metric screws from OEB are used wherever standard-compliant connections with defined strengths and dimensional accuracy are required. Whether in series production, in the assembly of technical modules or in demanding special constructions – we supply screw solutions that are precisely matched to the application, material and load profile. Our customers appreciate the combination of standard-compliant production, short-term availability and the possibility of implementing special formats according to samples or drawings.

Materials

Steel, Tool and free-cutting steels, Stainless steels, Brass, Aluminum, other non-ferrous metals.

Thread forms

All common.

Head shapes

All common.

Drive types

All common: PZ – PH – TX – Slotted, Combination Slot, Special solutions such as security drives.

Additional processing

Machining post-processing, End Machining.

Surfaces

All common: Galvanized (CrVI-free, RoHS compliant), nickel-plated, chromated, Delta Tone and Seal, Dacromet, Geomet etc. according to the specifications of the automotive and electrical industry (VDA standard).

Coatings

Thread locks, Thread sealants (e.g. Tuflok, ScotchGrip, Precote, Loctite, wax coatings).

Heat treatment

All common: Tempering, Carbonitriding, Annealing, Case hardening. More upon request.

Target groups

Mechanical and plant engineering, Automotive industry, Electrical and appliance technology, Telecommunications industry, Precision engineering, Consumer goods and household industry, Steel and metal construction, Medical technology (for stainless steel versions), Research and development, Medical technology, Defense industry, Agriculture/Farming.

Documentation

All possible documentation for initial sampling is available: Standard EMPB as cover sheet sample, VDA Volume 2 Level 0-3, PPAP Level 1-3.

All technical specifications are provided without guarantee. Changes, errors and omissions are expressly reserved.

Otto Eichhoff GmbH & Co. KG

www.oeb-fasteners.com

O/E/B

Screws
Fasteners
Turned and milled parts
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