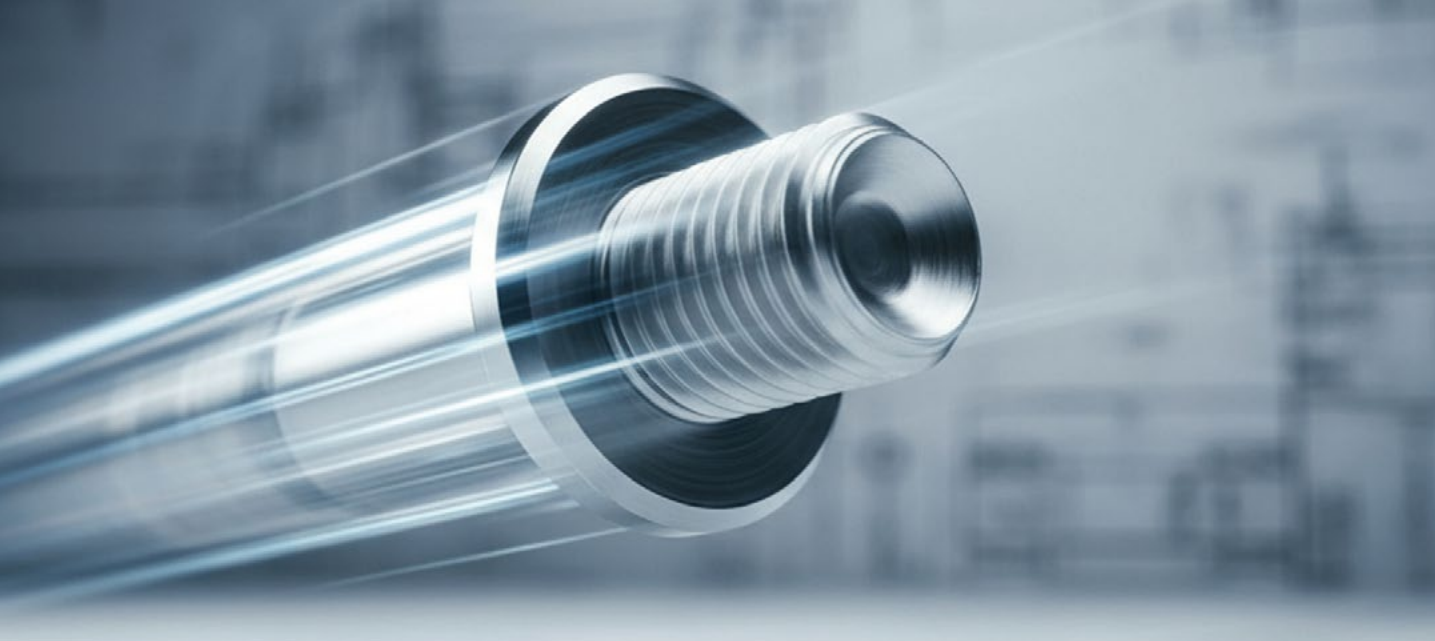




ARNOLD[®]



Fastener Express

Series & Functional Samples in Record Time

The market's demands

- + Demand for series-equivalent prototypes
- + Ever-shorter development cycles
- + Small batch sizes
- + High cost pressure
- + Minimal time-to-market

ARNOLD Provides the Solution

Fastener Express
Series-equivalent
prototype and small-
batch production with
short lead times and
maximum flexibility.



ARNOLD UMFORMTECHNIK offers a comprehensive selection of videos and animations. Simply scan the QR code above, or visit our website and click on our ARNOLD TV YouTube channel.

www.arnold-fastening.com

Our Solution is Fastener Express

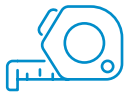
Technical advantages of Fastener Express

- + Series-equivalent production
- + Short lead times – even for special parts
- + Broad range of parts and material options
- + Product testing at the ARNOLD Fastener Testing Center
- + Tailored support from our engineering team

Commercial advantages of Fastener Express

- + Cost certainty without investment in serial production tooling
- + Avoidance of rework through series-equivalent quality
- + Demand-driven procurement – from a single piece to small batches
- + Early optimization for series production readiness

→ I. Part Spectrum



Dimensions

Up to approx.
Ø 50 mm / 200 mm
length



Corrosion Protection

All common systems
and standards can be
implemented



Heat Treatment

Series-equivalent
processing in our
production facilities

→ Implementation Process From Inquiry to Delivery

DEVELOPMENT PROCESS

- + New project and resulting technical challenge
- + Requirements specification

ARNOLD Fastener Express
Consulting, large-scale pro-
duction review, optimization

ARNOLD Fastener Express
Prototype production under
series-equivalent conditions

- + In-house development /
engineering office / analyses
- + Preparation of the functional
specification

- + Concept development /
design engineering

- + Cost- and process-optimized
product

- + Sample phase

- + Validation
- + Design freeze

- + RFQ phase
- + Project purchasing
- + Suppliers

→ **Cost-optimized product**

→ II. Part Spectrum



Part Types:

Bolts, nuts, rivets,
retaining elements,
quick-connect fas-
teners, special parts
(e.g. CONFORM®),
assemblies



Materials:

Carbon steels,
tempered steels,
case-hardening steels,
high-strength steels,
aluminum, copper,
magnesium, special
materials



Find out more

about Fastener Express Series &
Functional Samples in Record Time
www.arnold-fastening.com