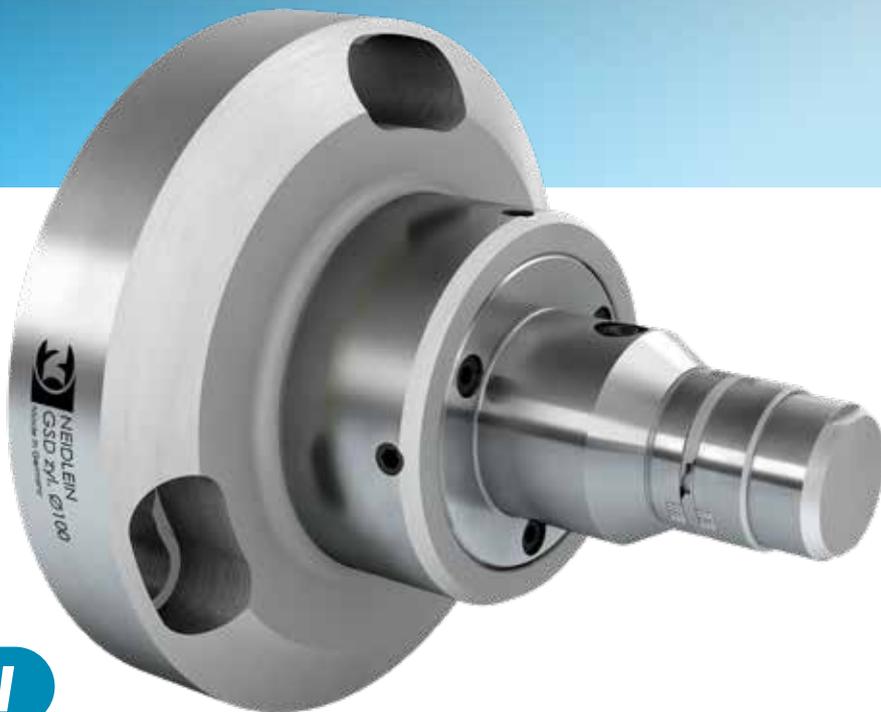


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SPANNZEUGE GmbH



INNOVATION

Sliding jaw mandrel GSD

Centering in the workpiece center

Internal clamping solution for turning and hard turning operations



Turning / Hard turning

Sliding jaw mandrel with fixed center pin and floating clamping elements for internal clamping.



Mandrels type GSD are power operated on the side of the machine spindle as well as the side of the tailstock. The work pieces are clamped centricly by the **fixed centering**, this operation results in high true run accuracy.

For workpieces with a bore hole diameter $\geq \text{Ø } 18$ and very small face side, they are an excellent alternative to the torque transmission by face driver.

INNOVATION

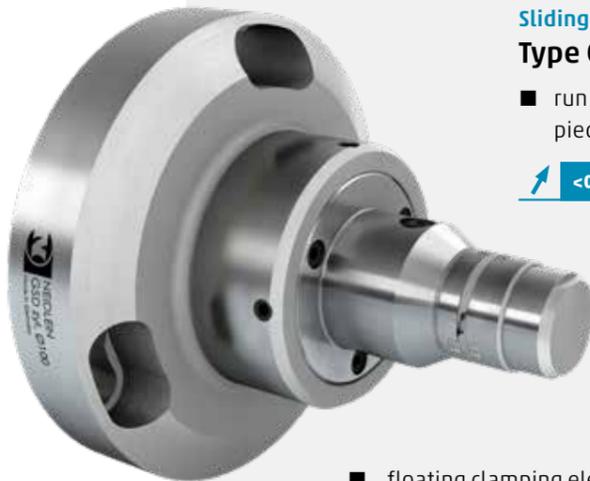
Sliding jaw mandrel

Mounting element



Flange adapter
Type ZFE

- adjustable



Sliding jaw mandrel
Type GSD

- run out deviation on work piece max.

<math><0,01</math>

- floating clamping elements
→ internal clamping with compensation
- available in different sizes for bore hole diameter starting **from Ø 18 mm**



Datum point =
work piece center hole

A clamping cylinder on the machine spindle side is needed
→ clamping cylinder force adjustable 2500N - 15000N

Live center / dead center



Live center
Type RN

0,005



Dead center
Type DIN 807

0,002

with carbide insert



Live center
Type RNH

0,003

with carbide insert

We are glad to be at your service!

You can reach us
by phone at +49 7471 9608-0
or via e-mail to info@neidlein.de

NEIDLEIN-SPANNZEUGE GmbH · Erlenbrunnenstraße 3 · 72411 Bodelshausen
Telefon +49 7471 9608-0 · Fax +49 7471 9608-14 · info@neidlein.de

www.neidlein.de