



**Backenanschluß: Spitzverzahnung V=1,5mm\*60° Nutbreite N=21mm**  
Jaw connection: serration V=1.5mm\*60° slot width N=21mm

#### Weiche Aufsatzbacken

soft top-jaws

**Nutenstein: GP13**

t-nut: GP13

#### Ausführung: angeschragt Design: pointed

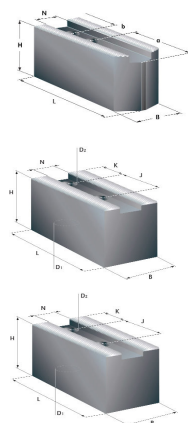
| B  | H  | L   | Gewicht weight | Typ type    | Id.Nr. Id.no. | Werkst. mat. |
|----|----|-----|----------------|-------------|---------------|--------------|
| 48 | 60 | 126 | 8,5            | <b>VS21</b> | 853121        | 16MnCr5      |

#### Ausführung: gerade Design: straight

| B  | H  | L   | Gewicht weight | Typ type      | Id.Nr. Id.no. | Werkst. mat. |
|----|----|-----|----------------|---------------|---------------|--------------|
| 50 | 50 | 130 | 10,1           | <b>BR13-4</b> | 215223        | C15          |
| 50 | 80 | 130 | 15,4           | <b>DJ13-4</b> | 215515        | C15          |

#### Ausführung: Rohlinge ungebohrt Design: blanks undrilled

| B  | H   | L   | Gewicht weight | Typ type    | Id.Nr. Id.no. | Werkst. mat. |
|----|-----|-----|----------------|-------------|---------------|--------------|
| 50 | 50  | 130 | 10,1           | <b>HS01</b> | 200847        | C15          |
| 50 | 80  | 130 | 15,4           | <b>HS02</b> | 200849        | C15          |
| 50 | 100 | 130 | 20,7           | <b>HS03</b> | 200851        | C15          |
| 50 | 125 | 130 | 26,0           | <b>HS04</b> | 200853        | C15          |
| 50 | 50  | 130 | 3,4            | <b>HP25</b> | 200350        | Aluminium    |
| 50 | 75  | 130 | 5,4            | <b>HP26</b> | 200351        | Aluminium    |
| 50 | 100 | 130 | 7,0            | <b>HP27</b> | 200352        | Aluminium    |



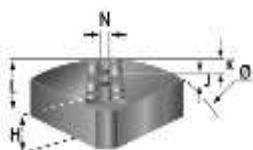
#### Segmentbacken - weich

segment-jaws soft

**Nutenstein: GP13**

t-nut: GP13

| Ø   | H  | L   | Gewicht weight | Typ type     | Id.Nr. Id.no. | Werkst. mat. |
|-----|----|-----|----------------|--------------|---------------|--------------|
| 400 | 76 | 157 | 59,2 kg        | <b>VQ21</b>  | 853221        | 16MnCr5      |
| 400 | 76 | 157 | 20,8 kg        | <b>VQA21</b> | 853421        | AlZnMgCu1.5  |



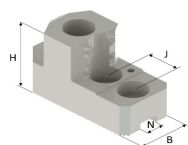
#### Gehärtete Greiferspannbacken für Außen- und Innenspannung

hard reversible Gripper-Jaws for outside- and inside-clamping

**Nutenstein: GP13**

t-nut: GP13

| B                    | H  | T  | Gewicht weight | Typ type          | Id.Nr. Id.no.        | Werkst. mat. |
|----------------------|----|----|----------------|-------------------|----------------------|--------------|
| 60                   | 60 | 30 | 4,8            | <b>VG21</b>       | 852121               | 16MnCr5      |
| <b>Spannbereiche</b> |    |    |                | <b>rund/round</b> | <b>4-kant/square</b> |              |
| Außenspannung        |    |    |                | ø68-400mm         | 65-400mm             |              |
| Innenspannung        |    |    |                | ø158-400mm        | 156-400mm            |              |



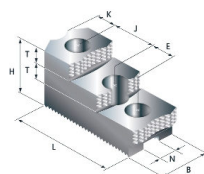
#### Gehärtete umkehrbare Aufsatzbacken

hard reversible top-jaws

**Nutenstein: GP13**

t-nut: GP13

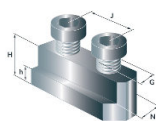
| B  | H  | L  | T  | Typ type     | Id.Nr. Id.no. | Werkst. mat. |
|----|----|----|----|--------------|---------------|--------------|
| 50 | 60 | 98 | 22 | <b>VU221</b> | 852221        | 16MnCr5      |



#### Nutensteine

t-nuts

| H  | h    | J  | G   | Typ type    | Id.Nr. Id.no. | Werkst. mat. |
|----|------|----|-----|-------------|---------------|--------------|
| 28 | 11,5 | 30 | M16 | <b>GP13</b> | 292009        | 40NiCrMo6    |



#### Auflagebolzen

height-pins

| G  | H  | SW | Typ type    | Id.Nr. Id.no. | Werkst. mat. |
|----|----|----|-------------|---------------|--------------|
| M8 | 5  | 13 | <b>IU05</b> | 229008        | C15          |
| M8 | 10 | 13 | <b>IU10</b> | 229009        | C15          |
| M8 | 15 | 13 | <b>IU15</b> | 229010        | C15          |
| M8 | 20 | 13 | <b>IU20</b> | 229011        | C15          |





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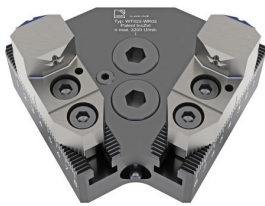
Jaw connection: serration V=1.5mm\*60° slot width N=21mm

#### InoZet® 8-punkt Pendelbrücken

InoZet® 8-point pendulum bridges

**Nutenstein: WN30**

t-nut: WN30



| B                                        | H  | L                              | Gewicht weight | Typ type             | Id.Nr. Id.no. |
|------------------------------------------|----|--------------------------------|----------------|----------------------|---------------|
| 196                                      | 50 | 161                            | 22,8 kg        | <b>WT040-4-WV14</b>  | 750169        |
| <b>Spannbereiche</b>                     |    | <b>grip-ranges</b>             |                |                      |               |
| Außenspannung                            |    | outside clamping               |                | ø 90-400mm           |               |
| Innenspannung                            |    | inside clamping                |                | ø134-400mm           |               |
| <b>max. Drehzahl</b>                     |    | <b>max. speed</b>              |                | 1.100 1/min          |               |
| <b>Schwingkreis</b>                      |    | <b>swing</b>                   |                | ø 440mm              |               |
| <b>Backenanschluss für Aufsatzbacken</b> |    | <b>Connection for top-jaws</b> |                | V=3,5mm x 60° N=16mm |               |

#### Aufsatzbacken und Nutensteine für InoZet®

top-jaws and t-nuts for InoZet®

|                                                     | Typ type      | Id.Nr. Id.no. |
|-----------------------------------------------------|---------------|---------------|
| <b>Greiferbacken für Außen- und Innenspannung</b>   | <b>WR16-8</b> | 760162        |
| Adjustagrip-jaws for external and internal clamping |               |               |
| <b>Weiche Aufsatzbacken</b>                         | <b>WP16-8</b> | 770117        |
| soft top-jaws                                       |               |               |
| <b>Nutensteine zur Backenmontage auf InoZet®</b>    | <b>GP11</b>   | 292007        |
| t-nuts for mounting top-jaws on InoZet®             |               |               |

#### InoTop-Hybridspannbacken®

InoTop® hybrid clamping jaws

**Nutenstein: TT60**

t-nut: TT60



| B                        | H  | L                                  | Gewicht weight | Typ type       | Id.Nr. Id.no. |
|--------------------------|----|------------------------------------|----------------|----------------|---------------|
| 66                       | 84 | 160                                | 16,1 kg        | <b>TM062-4</b> | 813162        |
| <b>Spannbereich</b>      |    | <b>grip-range</b>                  |                |                |               |
| Außenspannung            |    | outside clamping                   |                | ø280-400mm     |               |
| <b>Bauteilwandstärke</b> |    | <b>wall thickness of workpiece</b> |                | 6-50mm         |               |
| <b>Schwingkreis</b>      |    | <b>swing</b>                       |                | ø 566mm        |               |

