

23101

Extensions DIN 377

Design

- Hardened, ground and zinc-plated
- Square configuration in accordance with DIN 10 and ISO

Applications

For screw taps, reamers and other tools with square configuration.

23101



| Square mm | Total length mm | For screw taps Metric | For screw taps Ww/BSW | 23101 | ... |
|-----------|-----------------|-----------------------|-----------------------|-------|-----|
| 2.1 | 60 | M 1-2.6 | 1/16-3/32 | 101 | |
| 2.4 | 70 | - | - | 102 | |
| 2.7 | 80 | M 3 | 1/8 | 103 | |
| 3.0 | 90 | M 3.5 | - | 104 | |
| 3.4 | 95 | M 4 | 5/32 | 105 | |
| 3.8 | 100 | - | - | 106 | |
| 4.3 | 105 | - | 3/16 | 107 | |
| 4.9 | 110 | M 4.5-8 | 3/16-5/16 | 108 | |
| 5.5 | 115 | M 9-10 | 3/8 | 109 | |
| 6.2 | 120 | M 11 | 7/16 | 110 | |

| Square mm | Total length mm | For screw taps Metric | For screw taps Ww/BSW | 23101 | ... |
|-----------|-----------------|-----------------------|-----------------------|-------|-----|
| 7.0 | 125 | M 12 | 1/2 | 111 | |
| 8.0 | 125 | - | - | 112 | |
| 9.0 | 130 | M 13-16 | 9/16-5/8 | 113 | |
| 10.0 | 140 | - | - | 114 | |
| 11.0 | 150 | M 18 | 11/16-3/4 | 115 | |
| 12.0 | 155 | M 20 | - | 116 | |
| 14.5 | 175 | M 22-24 | 7/8-15/16 | 118 | |
| 16.0 | 180 | M 27 | 1. | 119 | |
| 18.0 | 200 | M 30 | 1 1/8 | 120 | |

23103

Adjustable extensions

Design

- With replaceable hardened clamping jaws

Applications

For screw taps, reamers and other tools with square configuration.

23103



| For square mm | Total length mm | Shank Ø mm | Square mm | Chuck Ø mm | For screw taps metric | For screw taps Ww/BSW | 23103 | ... |
|---------------|-----------------|------------|-----------|------------|-----------------------|-----------------------|-------|-----|
| 2.0-5.0 | 175 | 10 | 5.0 | 20.1 | M 3-8 | 1/8-3/8 | 101 | |
| 4.6-8.0 | 250 | 13 | 7.0 | 25.3 | M 5-12 | 3/16-1/2 | 102 | |

23125

Ball-type tap wrenches

Design

- With four square holes, case-hardened
- One arm can be unscrewed
- For square configurations in accordance with DIN 10

23125



| Size | Square dimensions mm | For screw taps metric | For screw taps Ww/BSW | Total length mm | 23125 | ... |
|------|----------------------|-----------------------|-----------------------|-----------------|-------|-----|
| 0 | 2.1-2.7/3.0-3.4 | M 1-4 | 1/16-5/32 | 200 | 201 | |
| 1 | 3.0-3.4/4.3-4.9 | M 3.5-8 | 5/32-5/16 | 200 | 202 | |
| 2 | 3.4-4.3/4.9-5.5 | M 4-10 | 5/32-3/8 | 250 | 203 | |
| 3 | 4.9-5.5/6.2-7.0 | M 5-12 | 3/16-1/2 | 295 | 204 | |
| 4 | 5.5-6.2/7.0-9.0 | M 10-16 | 3/8-5/8 | 340 | 205 | |
| 5 | 7.0-9.0/11.0-12.0 | M 12-20 | 1/2-3/4 | 450 | 206 | |
| 6 | 11.0-12.0/14.5-16.0 | M 18-27 | 3/4-1 | 645 | 207 | |

23130

Adjustable tap wrenches DIN 1814

Design

- Made of die-cast zinc, from size 6 made of ST37 steel, welded construction
- Clamping jaws case-hardened and bronzed
- Zinc-plated-steel handles

Applications

For clamping tools with square configurations.

23130 202-209

Note:

Size 00 is round (not standardised).



| Size | For square mm | For screw taps metric | For screw taps Ww/BSW | For hand reamers | Total length mm | 23130 | ... |
|-------|---------------|-----------------------|-----------------------|------------------|-----------------|-------|-----|
| 00 | 1.5-2.4 | M 1-2.6 | 1/16-3/32 | 2-3 | 40 | 201 | |
| 0 | 2.0-5.0 | M 1-8 | 1/16-1/4 | 3-6 | 125 | 202 | |
| 1 | 2.0-6.0 | M 1-10 | 1/16-3/8 | 3-7 | 180 | 203 | |
| 1 1/2 | 2.0-8.0 | M 1-12 | 1/16-1/2 | 3-9 | 200 | 204 | |
| 2 | 4.0-9.0 | M 4-12 | 3/16-1/2 | 5-9 | 280 | 205 | |
| 3 | 4.9-12.0 | M 5-20 | 7/32-3/4 | 7-1 | 375 | 206 | |
| 4 | 5.5-16.0 | M 9-27 | 3/8-1. | 7-21 | 480 | 207 | |
| 5 | 7.0-20.0 | M 12-33 | 1/2-1.1/4 | 9-26 | 700 | 208 | |
| 6 | 11.0-24.0 | M 18-42 | 9/16-1.5/8 | 16-30 | 960 | 209 | |

23130 201



23135

Adjustable tap wrenches

Design

- Similar to DIN 1814
- Forged-steel housing
- Jaws are case-hardened and bronzed
- Rotary handles are zinc-plated and can be unscrewed

23135



| Size | For square mm | For screw taps M | For screw taps Ww | Total length mm | 23135 | ... |
|------|---------------|------------------|-------------------|-----------------|-------|-----|
| 1 | 2.0-6.3 | 1-10 | 1/16-3/8 | 180 | | 101 |
| 2 | 3.0-9.0 | 4-12 | 3/16-1/2 | 280 | | 102 |
| 3 | 4.9-12.0 | 5-20 | 7/32-3/4 | 375 | | 103 |
| 6 | 11.0-24.0 | 18-42 | 3/4-1 1/2 | 1000 | | 107 |
| 8 | 16.0-40.0 | 25-64 | 1-2 1/2 | 1250 | | 109 |

23155

Tool holders

Design

- Handle with through hole
- Black plastic handle
- Screw head with 4 clamping jaws

Applications

For mounting tools with square and round shanks.

23155



| Clamping range mm | Total length mm | 23155 | ... |
|-------------------|-----------------|-------|-----|
| 0-1.2 | 105 | | 101 |
| 1.2-2.0 | 110 | | 102 |
| 2.0-3.0 | 115 | | 103 |
| 2.0-3.5 | 135 | | 104 |
| 3.0-4.5 | 160 | | 105 |
| 4.0-6.0 | 170 | | 106 |

23160 - 23161

Twin-chuck tool holder



Design

- All-steel
- With ratchet
- For clockwise and anticlockwise rotation, also lockable
- Adjustable T-handle

Applications

For tools with square shanks, ideal for hard-to-reach places.

23160

23161



| Clamping range square mm | For screw taps M | Total length mm | Short | | Long | |
|--------------------------|------------------|-----------------|-------|-----|-------|-----|
| | | | 23160 | ... | 23161 | ... |
| 2.0-5.0 | 3-8 | 85 | | 201 | | |
| 4.6-8.0 | 5-12 | 110 | | 202 | | |
| 9.0 - 12.5 | 13-20 | 117 | | 203 | | |
| 2.6-5.5 | 3-10 | 250 | | | | 101 |
| 4.6-8.0 | 5-12 | 300 | | | | 102 |

Design

Housing up to size 65 x 25 mm made of fine-zinc high-pressure die casting, from size 75 x 20 mm made of ST37 steel, welded construction, phosphated clamping screws, zinc-plated-steel handles. From size 45 x 14 mm, handles can be unscrewed.

Applications

For dies in accordance with DIN EN 22568.

23502



| Diameter x H mm | For dies Metric | For dies Metric fine | For dies Ww/BSW | Total length mm | 23502 | ... |
|-----------------|-----------------|----------------------|-----------------|-----------------|-------|-----|
| 16 x 5 | M 1- 2.6 | - | 1/16- 3/32 | 160 | | 201 |
| 20 x 5 | M 3- 4 | M 3-4 | 1/8-5/32 | 180 | | 202 |
| 20 x 7 | M 4.5-6 | M 4.5-6 | 3/16-1/4 | 180 | | 203 |
| 25 x 9 | M 7-9 | M 7-9 | 5/16 | 210 | | 204 |
| 30 x 11 | M 10-11 | M 10-11 | 3/8-7/16 | 270 | | 205 |
| 38 x 10 | - | M 12- 15 | - | 310 | | 206 |
| 38 x 14 | M 12-14 | - | 1/2-9/16 | 310 | | 207 |
| 45 x 14 | - | M 16-20 | - | 440 | | 208 |
| 45 x 18 | M 16-20 | - | 5/8-3/4 | 440 | | 209 |
| 55 x 16 | - | M 22-25 | - | 490 | | 210 |
| 55 x 22 | M 22-24 | - | 7/8-1. | 490 | | 211 |
| 65 x 18 | - | M 26-36 | - | 630 | | 212 |
| 65 x 25 | M 27-36 | - | 1.1/8-1.3/8 | 630 | | 213 |
| 75 x 20 | - | M 38-42 | - | 900 | | 214 |
| 75 x 30 | M 39-42 | - | 1.1/2-1.5/8 | 900 | | 215 |
| 90 x 22 | - | M 45-52 | - | 920 | | 216 |
| 90 x 36 | M 45-52 | - | 1.3/4-2.1/4 | 920 | | 217 |
| 105 x 22 | - | M 55-65 | - | 1100 | | 218 |

23503 - 23504

Die guides

Applications

For cutting male threads with DIN EN 22568 die holders and DIN EN 22568 dies.

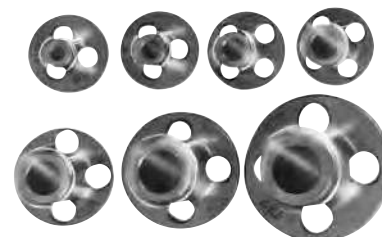
23503**Design**

Seven pieces, die guides from M 3-M 12.

23504**Design**

Individual.

23503 - 23504



| Content | For dies Metric | Set 23503 | ... |
|----------|-----------------|-----------|-----|
| 7 pieces | M 3 - M 12 | | 101 |

| Guide Size | For dies Metric | Individual 23504 | ... |
|------------|-----------------|------------------|-----|
| 1 | M 3 | | 101 |
| 2 | M 4 | | 102 |
| 3 | M 5 | | 103 |
| 4 | M 6 | | 104 |
| 5 | M 8 | | 105 |
| 6 | M 10 | | 106 |
| 7 | M 12 | | 107 |