

23101

Extension Sockets DIN 377

Type

Hardened, ground and galvanised. Square end in compliance with DIN 10 and ISO.

Application

For taps, reamers and other tools with square end.

23101



2

| Square-end mm | Overall length mm | for taps metric | for 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-end mm | Overall length mm | for taps metric | for 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 | |
| 13,0 | 165 | - | - | 117 | |
| 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 Extension Sockets

Type

With replaceable hardened jaws.

Application

For taps, reamers and other tools with square end.

23103



| For square-end mm | Overall length mm | Shank Ø mm | Square-end mm | Chuck Ø mm | for taps metric | for taps Ww/BSW | 23103 | ... |
|-------------------|-------------------|------------|---------------|------------|-----------------|-----------------|-------|-----|
| 2,0 - 5,0 | 175 | 8 | 5,5 | 20,1 | M 3 - 8 | 1/8 - 3/8 | 101 | |
| 4,6 - 8,0 | 250 | 10 | 7,0 | 25,3 | M 5 - 12 | 3/16 - 1/2 | 102 | |

23125

Ball Tap Wrenches

Type

With 4 square holes, case-hardened,

1 arm removable, for square end in compliance with DIN 10.

23125



| Size | Square end dimensions mm | for taps metric | for taps Ww/BSW | Overall 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

Type

Made of die-cast zinc, starting at size 6 made of steel ST37, welded. Jaws case-hardened and burnished, steel handles galvanised.

Application

For clamping tools with square end.

Note:

Size 00 round shape (not standardised).

23130 202-210



| Size | for square-end mm | for taps metric | for taps Ww/BSW | for hand reamers | Overall 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 - 15 | 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 | 9,0 - 25,0 | M 20 - 42 | 9/16 - 1 5/8 | 16 - 30 | 960 | 209 | |
| 7/8 | 16,0 - 44,0 | M 27 - 86 | 1 - 2 1/2 | 20 - 50 | 1200 | 210 | |

23130 201



• Tap wrench • Tool holder • Guide drifts • Holder sets • Holders for Taps

23135

Adjustable Tap Wrenches

Type

Similar to DIN 1814.

All-steel body. Jaws case-hardened and galvanised.
Handles galvanised and unscrewable.



23135

| Size for | Square end mm | for taps M | for taps Ww | Overall 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

Toolholders

Type

Handle with through hole, black plastic handle, head with 4 jaws.

Application

For mounting tools with square and round shanks.



23155

| Clamping range mm | Overall 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

T-Handle Tap Wrenches

ATORN®

Type

All-steel, with ratchet, for counterclockwise and clockwise operation – Also available lockable, T-handle adjustable.

Application

For tools with square shank, particularly suitable for difficult-to-access areas.



23160



23161

| Clamping width square end mm | for taps | Overall length mm | short | | long | |
|---------------------------------|-------------|----------------------|-------|-----|-------|-----|
| | | | 23160 | ... | 23161 | ... |
| 2,0 - 5,0 | M 3 - M 8 | 85 | 201 | | | |
| 4,6 - 8,0 | M 5 - M 12 | 110 | 202 | | | |
| 9,0 - 12,5 | M 13 - M 20 | 117 | 203 | | | |
| 2,0 - 5,0 | M 3 - M 8 | 250 | | | 101 | |
| 4,6 - 8,0 | M 5 - M 12 | 300 | | | 102 | |

23198

Holder Sets for External and Internal Threads

Application

For use on conventional turning machines. Incl. of case.

Note:

ER collets not included. Collets with square mount see cat.-no. 21527 - 21528.



23198

23198 202

Type

1 guide drift MT 2,
1 ea. die stock 16 x 5 / 20 x 5 / 20 x 7 / 25 x 9,
1 mount ER 25.

23198 203

Type

1 guide drift MT 3,
1 ea. die stock 25 x 9 / 30 x 11 / 38 x 14 / 45 x 18,
1 mount ER 32.

NEW

| for External thread | for internal thread | Shank MT | 23198 ... |
|------------------------|------------------------|-------------|-----------|
| M 1 - 8 | ER 25 (M 3 - 16) | 2 | 202 |
| M 8 - 20 | ER 32 (M 4 - 20) | 3 | 203 |

23199

Guide drifts

Type

Without torque coupling.

Application

For mounting holders for round dies and taps.

Without torque coupling.

| | | |
|----|-------|-----|
| MT | 23199 | ... |
| 2 | | 202 |
| 3 | | 203 |
| 4 | | 204 |

NEW

23199



2

23201

Holders for Round Dies DIN 223

Type

Incl. of enclosure ring.

| | | |
|------------|-------|-----|
| for dies | 23201 | ... |
| 16 x 5 | | 101 |
| 20 x 5 | | 102 |
| 20 x 7 | | 103 |
| 25 x 9 | | 104 |
| 30 x 11 | | 105 |
| 38 x 14/10 | | 106 |
| 45 x 18/14 | | 107 |

NEW

23201



23203

Holders for Taps

Type

With collet mount.

Note:

Collets see cat.-no. 21527 - 21528.

| | | | |
|----------|-------------|-------|-----|
| for taps | for collets | 23203 | ... |
| M 3 - 16 | ER 25 | | 201 |
| M 4 - 20 | ER 32 | | 202 |

NEW

23203



23250

Toolholder Sets

ATORN®

Application

For taps and round dies. For use on conventional turning machines. For mounting inside and outside thread tapping tools with a single tool holder.

| | | | |
|------|-------------|-------|-----|
| Size | for thread | 23250 | ... |
| 2 | M 3 - M 12 | | 102 |
| 4 | M 12 - M 24 | | 104 |

23250 104



23500

Die Stocks without Clamping Screws

RITTER

Type

Similar to DIN EN 22568, housing made of diecast fine zinc ZL 0410, steel handles galvanised.

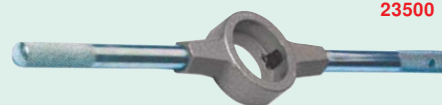
Application

Quick exchange of round dies without screwdriver.

Patented locking mechanism for round dies by means of the keyway with only one adjustable jaw.

| Ø x h mm | for dies M | for dies MF | for dies Ww/BSW | for dies G | L mm | 23500 | ... |
|----------|------------|-------------|-----------------|------------|------|-------|-----|
| 20 x 5 | 3 - 4 | 3 - 4 | 1/8 - 5/32 | - | 180 | | 101 |
| 20 x 7 | 4,5 - 6 | 4,5 - 6 | 3/16 - 1/4 | - | 180 | | 102 |
| 25 x 9 | 7 - 9 | 7 - 9 | 5/16 | - | 210 | | 103 |
| 30 x 11 | 10 - 11 | 10 - 11 | 3/8 - 7/16 | 1/8 | 270 | | 104 |
| 38 x 10 | - | 12 - 15 | - | 1/4 | 310 | | 105 |
| 38 x 14 | 12 - 14 | - | 1/2 - 9/16 | - | 310 | | 106 |
| 45 x 14 | - | 16 - 20 | - | 3/8 - 1/2 | 440 | | 107 |
| 45 x 18 | 16 - 20 | - | 5/8 - 3/4 | - | 440 | | 108 |

23500



23502

Die Stocks DIN EN 22568

Type

Housing up to size 65 x 25 mm made of diecast zinc, starting at size 75 x 20 mm made of steel
ST37, welded, clamping screws phosphated, steel handles galvanised, starting at size 45 x 14 mm handle removable.

Application

For round dies in compliance with DIN EN 22568.

23502



| Ø x h mm | for dies metric | for dies metric fine | for dies Ww/BSW | Overall 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

Guides for Round Dies

Application

For tapping of external threads with die stock DIN EN 22568 and round die DIN EN 22568.

23503

Type

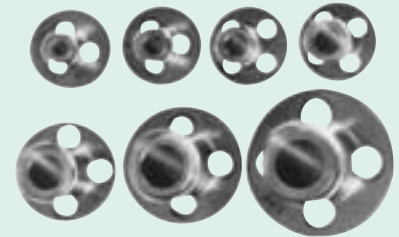
7-part, guides for round dies von M 3 - M 12.

23503 - 23504

23504

Type

Single.



Set

| | 23503 ... |
|------------|-----------|
| M 3 - M 12 | 101 |

single

| Guide size | for dies | 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 |

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Performance requires quality.

A-Cut recessing systems by ATORN:

- high-quality materials
- a flexible system for various application ranges
- quick exchange of the recessing tools

This is but one example of ATORN's high-quality turning tools.