

Tools

| | | |
|--------------|---------------|------|
| Tools | Cutting | J.2 |
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| | Screwdrivers | J.10 |
| | Miscellaneous | J.16 |

Cutting

Hydraulic sheet holes

Incl. accessories:

- 1 hydraulic screw Ø 19 mm
- 1 hydraulic screw Ø 19 x 9.5 mm
- 1 HSS pre-drill Ø 10 mm
- 1 spacer nut set (3-part)
- 1 bridge

IE-KO-HAT



- Overpressure valve protects against overloading
- Cylinder head angled 90°
- Angled head can be rotated through 360°
- Ergonomic handle springs back automatically
- The piece of waste no longer becomes jammed thanks to 3-fold cleaving
- Hydraulic punch manufactured from high-strength aluminium (approx. 40% less weight)

KOK



- Rectangular splitting stamp for heavy-duty connectors

J

Technical data

| Maximum steel-sheet punching performance | |
|--|-----|
| Round holes from 1 to Ø 85 mm | - |
| Round holes from 2 to Ø 64 mm | - |
| Square holes up to | - |
| Rectangular holes up to | - |
| Maximum stainless steel sheet punching performance | |
| Round holes from 3 to Ø 64 mm | - |
| Tool data | |
| Length x width x height | mm |
| Weight | kg |
| Punching force | kN |
| Max. operating pressure | bar |
| Note | |

Ordering data

| Version |
|---------|
| |
| Note |
| |

Accessories

| Type | Qty. | Order No. |
|----------------------------------|------|------------|
| KOHS 19 | 1 | 9205010000 |
| KOHS 9.5+19 | 1 | 9205000000 |
| KOPD 10.0 | 1 | 9205020000 |
| Splitting stamp on the next page | | |
| Note | | |
| | | |

| IE-KO-HAT | |
|---|--|
| 2,0 mm F = 370 N/mm ² | |
| 3,0 mm F = 370 N/mm ² | |
| 68 x 68 mm; 2,0 mm F = 370 N/mm ² | |
| 36 x 112 mm; 2,0 mm F = 370 N/mm ² | |
| 2,5 mm F = 600 N/mm ² | |
| 290 / 120 / 70 | |
| 1.9 | |
| 75 | |
| 650 | |
| Note | |
| | |

| Type | Qty. | Order No. |
|-----------|------|------------|
| IE-KO-HAT | 1 | 1966810000 |
| Note | | |
| | | |

| Type | Description | Qty. | Order No. |
|--|-------------|------|------------|
| KOK 52 x 36 | 6-pole | 1 | 9204820000 |
| KOK 65 x 36 | 10-pole | 1 | 9204830000 |
| KOK 86 x 36 | 16-pole | 1 | 9204850000 |
| KOK 86 x 36 | 24-pole | 1 | 9204850000 |
| Note: the fastening points are centre-punched. | | | |

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

CTX CM 1.6/2.5 / CTX CM 3.6

0.14...10 mm²

CTX CM 1.6/2.5

- Turned HD contacts
- Turned HE contacts
- ~AWG 26...12
- 0.14...4.0 mm²

CTX CM 3.6

- Turned HD contacts
- M3 contacts
- ~AWG 12...8
- 4.0...10 mm²



CTIN CM 1.6/2.5 / CTIN 3.6

0.14...10 mm²

CTIN CM 1.6/2.5

- Turned HD and HE contacts
- Turned HX contacts
- 4-indent crimp
- ~AWG 26...10
- 0.14...6.0 mm²

CTIN CM 3.6

- Turned HX contacts
- M3 contacts
- 4-indent crimp
- ~AWG 16...8
- 1.5...10 mm²



Technical data

| Description of contact | |
|---|-----------------|
| Type of contact | |
| Crimping range | mm ² |
| Crimping range 1 (with multiple crimping positions) | mm ² |
| Crimping range 2 (with multiple crimping positions) | mm ² |
| Crimping range 3 (with multiple crimping positions) | mm ² |
| Crimping range 4 (with multiple crimping positions) | mm ² |
| Crimping range 5 (with multiple crimping positions) | mm ² |
| Tool data | |
| Length | mm |
| Weight | g |
| Note | |

Ordering data

| Version | |
|---------|--|
| | |
| Note | |

| CTX CM 1.6/2.5 | CTX CM 3.6 |
|-----------------|-----------------|
| Turned contacts | Turned contacts |
| 0.14...4 | 4...10 |
| 0.14...0.5 | 4 |
| 0.75...1 | 6 |
| 1.5 | 10 |
| 2.5 | |
| 4 | |
| 250 | 250 |
| 730 | 730 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| CTX CM 1.6/2.5 | 1 | 9018490000 |
| CTX CM 1.6/2.5 ZERT | 1 | 9013690000 |
| CTX CM 3.6 | 1 | 9018480000 |
| CTX CM 3.6 ZERT | 1 | 1270320000 |

A large selection of contacts can be found in our current Heavy-duty Connectors Catalogue

| CTIN CM 1.6/2.5 | CTIN CM 3.6 |
|-----------------|-----------------|
| Turned contacts | Turned contacts |
| 0.14...6 | 1.5...10 |
| 0.14...6 | 1.5...10 |
| | |
| | |
| 230 | 230 |
| 1220 | 1220 |

| Type | Qty. | Order No. |
|-----------------|------|------------|
| CTIN CM 1.6/2.5 | 1 | 9205430000 |
| CTIN CM 3.6 | 1 | 9205440000 |

A large selection of contacts can be found in our current Heavy-duty Connectors Catalogue

Crimping

Crimping tools for connectors

- For insulated and uninsulated cable lugs and connectors
- Mechanical function ensures safe and manageable operations under different environmental conditions
- Precision engineering means a high pressing force with little physical effort
- Fast feed helps pre-centring and extraction of the connecting parts
- Ratchet for high-quality, flawless crimping
- Release option in the event of incorrect operation
- Comprehensive range of standard-compliant crimp inserts

MTR 160

10...240 mm²

- ~AWG 8
- Tubular cable lugs from 10...240 mm²

MTR 300

10...300 mm²

- ~AWG 8
- Tubular cable lugs from 10...300 mm²
- Retractable head for easy withdrawal of crimped connection
- Turntable presses: 25...240 sm; 35...240 se

Technical data

| Description of contact | |
|--|-----------------|
| Pressing force / Deviation | kN/mm |
| Crimping range for copper tube connector | mm ² |
| Crimping range for insulated connectors | mm ² |
| Tool data | |
| Length / Weight | mm/kg |
| Note | |

Ordering data

| Version |
|---------|
| |
| Note |
| |

Accessories

| Type | Qty. | Order No. |
|---------|---|------------|
| MTR 160 | 1 | 9017270000 |
| Note | Crimping inserts see on the following pages | |

| MTR 160 | | |
|---|----------|--|
| Pressing force / Deviation | 100 / 16 | |
| Crimping range for copper tube connector | | |
| Crimping range for insulated connectors | | |
| Tool data | | |
| Length / Weight | 540 / 4 | |
| Note | | |
| For more details see crimp inserts on the following pages sm: sector conductor stranded; se: sector single conductor | | |

| Type | Qty. | Order No. |
|---------|---|------------|
| MTR 160 | 1 | 9017250000 |
| Note | Crimping inserts see on the following pages | |



| Type | Qty. | Order No. |
|---------|---|------------|
| MTR 160 | 1 | 9017270000 |
| Note | Crimping inserts see on the following pages | |

| MTR 300 | | |
|---|----------|--|
| Pressing force / Deviation | 100 / 16 | |
| Crimping range for copper tube connector | 10...300 | |
| Crimping range for insulated connectors | 10...120 | |
| Tool data | | |
| Length / Weight | 540 / 4 | |
| Note | | |
| For more details see crimp inserts on the following pages sm: sector conductor stranded; se: sector single conductor | | |



| Type | Qty. | Order No. |
|---------|---|------------|
| MTR 300 | 1 | 9021390000 |
| Note | Crimping inserts see on the following pages | |

| Type | Qty. | Order No. |
|---------|---|------------|
| MTR 300 | 1 | 9021420000 |
| Note | Crimping inserts see on the following pages | |

MTR 160

| | Cross-section [mm ²] | Code to DIN 48083 | Crimping width [mm] | Order No. |
|---|-------------------------------------|----------------------|------------------------|-------------------|
| Die sets for copper tube cable lugs and connectors DIN 46235 | | | | |
|  | 10 | 6 | 7,0 | 9020900000 |
| | 16 | 8 | 7,0 | 9020910000 |
| | 25 | 10 | 7,0 | 9020920000 |
|  | 35 | 12 | 7,0 | 9020930000 |
| | 50 | 14 | 7,0 | 9020940000 |
| | 70 | 16 | 7,0 | 9020950000 |
| | 95 | 18 | 7,0 | 9020960000 |
| | 120 | 20 | 7,0 | 9020970000 |
| | 150 | 22 | 7,0 | 9020980000 |
| | 185 | 25 | 7,0 | 9020990000 |
| | 240 | 28 | 7,0 | 9021000000 |

MTR 300

| | Cross-section [mm ²] | Code to DIN 48083 | Crimping width [mm] | Order No. |
|---|-------------------------------------|----------------------|------------------------|-------------------|
| Die sets for copper tube cable lugs and connectors DIN 46235 | | | | |
|  | 10 | 6 | 7,0 | 9021430000 |
| | 16 | 8 | 7,0 | 9021440000 |
| | 25 | 10 | 7,0 | 9021450000 |
|  | 35 | 12 | 7,0 | 9021460000 |
| | 50 | 14 | 7,0 | 9021470000 |
| | 70 | 16 | 7,0 | 9021480000 |
| | 95 | 18 | 7,0 | 9022290000 |
| | 120 | 20 | 7,0 | 9022300000 |
| | 150 | 22 | 7,0 | 9022310000 |
| | 185 | 25 | 7,0 | 9022320000 |
| | 240 | 28 | 7,0 | 9022330000 |
| | 300 | 32 | 7,0 | 9022340000 |

Crimping

Crimping tools for connectors

- For insulated and uninsulated cable lugs and connectors
- Mechanical function ensures safe and manageable operations under different environmental conditions
- Precision engineering means a high pressing force with little physical effort
- Fast feed helps pre-centring and extraction of the connecting parts
- Ratchet for high-quality, flawless crimping
- Release option in the event of incorrect operation
- Comprehensive range of standard-compliant crimp inserts

MTR 110

6...120 mm²



- ~AWG 16...0000
- Tubular cable lugs from 6...120 mm²
- Wire-end ferrules from 6...50 mm²
- Retractable head for easy withdrawal of crimped connection



Technical data

| Description of contact | |
|--|-----------------|
| Pressing force / Deviation | kN/mm |
| Crimping range for copper tube connector | mm ² |
| Crimping range for insulated connectors | mm ² |
| Crimping range of wire end ferrule | mm ² |
| Tool data | |
| Length / Weight | mm/kg |

Note

Ordering data

| Version |
|---------|
| |

Note

Accessories

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Note

| MTR 110 | | |
|--|--|---------|
| Pressing force / Deviation | | 55 / 10 |
| Crimping range for copper tube connector | | 6...120 |
| Crimping range for insulated connectors | | 10...16 |
| Crimping range of wire end ferrule | | 6...50 |
| Length / Weight | | 420 / 2 |

For more details see crimp inserts on the following pages

| Type | Qty. | Order No. |
|---------|------|------------|
| MTR 110 | 1 | 9018020000 |
| | | |
| | | |

| Type | Qty. | Order No. |
|---|------|------------|
| MTR 110 | 1 | 9018040000 |
| Crimping inserts see on the following pages | | |

Crimping inserts hexagonal-shape

- for crimping compression copper cable lugs DIN 46 235
- compression copper connectors DIN 46 267 part 1
- aluminium and aluminium/copper cable lugs and connectors



Ordering data

| Code no. | Cu mm ² | Al mm ² | Crimp. width mm | Order No. |
|----------|--------------------|--------------------|-----------------|------------|
| 5 | 6 | - | 7 | 1500930000 |
| 6/16 | 10/70 | -/50 | 7/5 | 1500940000 |
| 8 /12 | 16/35 | -/16+25 | 12/10 | 1500950000 |
| 10/14 | 25/50 | 10/35 | 12/5 | 1500970000 |
| 18 | 95 | 70 | 5 | 1500980000 |
| 20 | 120 | - | 5 | 1500990000 |
| 22 | 150* | | 5 | 1994540000 |

* only EPG 45

Crimping tools for HighPower

Crimping tools for HighPower 250 A / 550 A

EPG 45 hydraulic battery crimping tool



| Type | Order No. |
|--------|------------|
| EPG 45 | 1500830000 |

Hexagonal crimp inserts for EPG 45



| Ident. No. | CU mm ² | Crimping width | Type | Order No. |
|------------|--------------------|----------------|---------------------|------------|
| 5 | 6 | 7 | ES MTR110 HEX 6 | 1500930000 |
| 6/16 | 10/70 | 7/5 | ES MTR110 HEX 10/70 | 1500940000 |
| 8/12 | 16/35 | 12/10 | ES MTR110 HEX 16/35 | 1500950000 |
| 10/14 | 25/50 | 12/5 | ES MTR110 HEX 25/50 | 1500970000 |
| 18 | 95 | 5 | ES MTR110 HEX 95 | 1500980000 |
| 22 | 150 | 5 | ES EPG 45 HEX 150 | 1994540000 |
| 20 | 120 | 5 | ES MTR110 HEX 120 | 1500990000 |

APG 55 hydraulic battery crimping tool



| Type | Order No. |
|--------|------------|
| APG 55 | 1501390000 |

Hexagonal crimp inserts for APG 55



| Ident. No. | CU mm ² | Crimping width | Type | Order No. |
|------------|--------------------|----------------|------------------------|------------|
| 5 | 6 | 7 | ES APG/HPG55 HEX 6 | 1501530000 |
| 6/16 | 10/70 | 7 | ES APG/HPG55 HEX 10/70 | 1501540000 |
| 8/12 | 16/35 | 12/5 | ES APG/HPG55 HEX 16/35 | 1501550000 |
| 10/14 | 25/50 | 12/5 | ES APG/HPG55 HEX 25/50 | 1501570000 |
| 18 | 95 | 5 | ES APG/HPG55 HEX 95 | 1501580000 |
| 20 | 120 | 5 | ES APG/HPG55 HEX 120 | 1501590000 |
| 22 | 150 | 5 | ES APG/HPG55 HEX 150 | 1501600000 |
| 25 | 185 | 5 | ES APG/HPG55 HEX 185 | 1501620000 |

APG 80 hydraulic battery crimping tool



| Type | Order No. |
|--------|------------|
| APG 80 | 1502390000 |

Hexagonal crimp inserts for APG 80



| Ident. No. | CU mm ² | Crimping width | Type | Order No. |
|------------|--------------------|----------------|----------------------|------------|
| 5 | 6 | 7 | ES APG/HPG80 HEX 6 | 1502600000 |
| 6 | 10 | 7 | ES APG/HPG80 HEX 10 | 1502620000 |
| 8 | 16 | 12 | ES APG/HPG80 HEX 16 | 1502630000 |
| 10 | 25 | 12 | ES APG/HPG80 HEX 25 | 1502640000 |
| 12 | 35 | 12 | ES APG/HPG80 HEX 35 | 1502650000 |
| 14 | 50 | 12 | ES APG/HPG80 HEX 50 | 1502670000 |
| 16 | 70 | 12 | ES APG/HPG80 HEX 70 | 1502680000 |
| 18 | 95 | 10 | ES APG/HPG80 HEX 95 | 1502690000 |
| 20 | 120 | 10 | ES APG/HPG80 HEX 120 | 1502700000 |
| 22 | 150 | 5 | ES APG/HPG80 HEX 150 | 1502720000 |
| 25 | 185 | 5 | ES APG/HPG80 HEX 185 | 1502730000 |
| 28 | 240 | 5 | ES APG/HPG80 HEX 240 | 1502740000 |
| 32 | 300 | 7 | ES APG/HPG80 HEX 300 | 1502750000 |

Crimping

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

IE-CT-SC-GOF / IE-CT-LC-GOF

Crimping tools for IP 20 + IP 67 connectors



- For fibre-optic SC/ST, IP 20 and IP 67 connectors
- For fibre-optic LC and IP 67 connectors

IE-CT-SC-POF / IE-CT-SC-GOF-P

Crimping tools for IP 20 + IP 67 connectors



- For polymer fibre-optic SC/ST, IP 20 and IP 67 connectors
- For fibre-optic, Profinet and Mobil cable SC/ST and IP 67 connectors

J

Technical data

| Tool data |
|-----------|
| Length |
| Weight |
| Note |

| IE-CT-SC-GOF | IE-CT-LC-GOF |
|--------------|--------------|
| 250 | 250 |
| 730 | 730 |
| | |

| IE-CT-SC-POF | IE-CT-SC-GOF-P |
|--------------|----------------|
| 250 | 250 |
| 730 | 730 |
| | |

Ordering data

| Version |
|---------|
| |
| Note |

| Type | Qty. | Order No. |
|--------------|------|------------|
| IE-CT-SC-GOF | 1 | 9205320000 |
| IE-CT-LC-GOF | 1 | 9205330000 |
| | | |

| Type | Qty. | Order No. |
|----------------|------|------------|
| IE-CT-SC-POF | 1 | 9205340000 |
| IE-CT-SC-GOF-P | 1 | 9205350000 |
| | | |

HTX-HDC/POF**POF crimping**

Crimping of „polymer optical fibre“ (POF) fibre-optical contacts.

- For plug and socket
- Ratchet for precise crimping
- Unlocks in case of incorrect operation
- Locator for precise contact positioning

Contacts:

- Fibre-optic cable HD contact socket for Ø1.0 mm POF
- Fibre-optic cable HD contact pin for Ø 1.0 mm POF

Ordering data

| Type | Qty. | Order No. |
|-------------|------|------------|
| HTX-HDC/POF | 1 | 9010950000 |

Technical data

| | |
|--------|--------|
| Length | 200 mm |
| Weight | 438 g |

**PB LWL/POF / PS LWL/POF****POF polishing**

For processing the cut surface of fibre-optic cables with polymer optical fibre (POF).

- Buffing disc (PS LWL/POF)
- Buffing sheet (PB LWL/POF)

Ordering data

| Type | Qty. | Order No. |
|------------|------|------------|
| PB LWL/POF | 1 | 9020400000 |
| PS LWL/POF | 1 | 9020390000 |

**AM LWL/POF****POF stripping**

Stripping fibre-optic cables. Fibre-optic cable with polymer optical fibres (POF).

- Longitudinal stop with scale is built into the tool
- Stripping direction is lengthwise to the fibre
- No damage to the optical fibre

Ordering data

| Type | Qty. | Order No. |
|------------|------|------------|
| AM LWL/POF | 1 | 9020360000 |

**LWL-stripax**

Stripping and cutting tool for plastic fibre-optic cables with 1 mm diameter inner conductor

- Stripping length adjustable via end stop
- Automatic opening of the clamping jaws after stripping

Ordering data

| Type | Qty. | Order No. |
|-----------------|------|------------|
| M-D-STRIPAX LWL | 1 | 9003750000 |

**Technical data**

| Max. stripping performance | |
|----------------------------|----|
| Cable type | |
| Conductor diameter | - |
| Stripping length, max. | - |
| Tool data | |
| Length | mm |
| Weight | g |
| Note | |

| M-D-STRIPAX LWL | |
|---|-----|
| POF conductor with an inner conductor of 1 mm Ø | |
| ... | 1 |
| Stripping length, max. | 7,5 |
| Length | 135 |
| Weight | 110 |
| POF: polymer optical fibre | |

Screwdrivers

Uninsulated torque screwdrivers



DMS manual

Torque screwdriver

EN ISO 6798, BS EN 26789, ASME B107.14M



| Type | Size / AF | a | b | c | Order No. |
|---------------------|--------------|---|---|---|------------|
| DMS MANUELL 0,5-1,7 | 0.5 - 1.7 Nm | | | | 9918370000 |
| DMS MANUELL 2,0-8,0 | 2.0 - 8.0 Nm | | | | 9918380000 |

WK K S

Interchangeable bits for torque screwdrivers

Drive output acc. to DIN 5264, ISO 2380/1



| | | | | | |
|--------------|-------------|-----|-----|-----|------------|
| WK S 0,4x2,5 | max. 0.4 Nm | 0.4 | 2.5 | 175 | 9918520000 |
| WK S 0,5x3,0 | Max. 0.6 Nm | 0.5 | 3 | 175 | 9918530000 |
| WK S 0,6x3,5 | Max. 1.1 Nm | 0.6 | 3.5 | 175 | 9918540000 |
| WK S 0,8x4,0 | Max. 2.5 Nm | 0.8 | 4 | 175 | 9918550000 |
| WK S 1,0x5,5 | Max. 3.8 Nm | 1 | 5.5 | 175 | 9918560000 |

WK K PZ

Interchangeable bits for torque screwdrivers

Drive output acc. to DIN 5260-PZ, ISO 8764/1-PZ



| | | | | | |
|----------|-------------|--|--|-----|------------|
| WK K PZ0 | Max. 9 Nm | | | 175 | 9918600000 |
| WK K PZ1 | Max. 3.8 Nm | | | 175 | 9918610000 |
| WK K PZ2 | Max. 5.5 Nm | | | 175 | 9918620000 |

WK K PH

Interchangeable bits for torque screwdrivers

Drive output acc. to DIN 5260-PH, ISO 8764/1-PH



| | | | | | |
|----------|-------------|--|--|-----|------------|
| WK K PH0 | Max. 9 Nm | | | 175 | 9918570000 |
| WK K PH1 | Max. 3.8 Nm | | | 175 | 9918580000 |
| WK K PH2 | Max. 5.5 Nm | | | 175 | 9918590000 |

WGK 1/4 C6.3 E6.3

Interchangeable bit with bit holder for torque screwdrivers

Drive output: 1/4" C6.3 and 1/4" E6.3



| | | | | | |
|------------------|--|--|--|--|-------------|
| WK 1/4 C6,3 E6,3 | | | | | 99202510000 |
|------------------|--|--|--|--|-------------|

VDE-insulated torque screwdrivers



DMSI manual

VDE-insulated torque screwdriver
EN ISO 6798, BS EN 26789, ASME B107.14M



| Type | Size / AF | a | b | c | Order No. |
|----------------------|--------------|---|---|---|------------|
| DMSI MANUELL 0,5-1,7 | 0.5 - 1.7 Nm | | | | 9918390000 |
| DMSI MANUELL 2,0-8,0 | 2.0 - 8.0 Nm | | | | 9918400000 |

WK SI

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; drive output acc. to DIN 5264, ISO 2380/1



| | | | | | |
|---------------|-------------|-----|-----|-----|------------|
| WK SI 0,4x2,5 | max. 0.4 Nm | 0.4 | 2.5 | 200 | 9918410000 |
| WK SI 0,5x3,0 | Max. 0.6 Nm | 0.5 | 3 | 200 | 9918420000 |
| WK SI 0,6x3,5 | Max. 1.1 Nm | 0.6 | 3.5 | 200 | 9918430000 |
| WK SI 0,8x4,0 | Max. 2.5 Nm | 0.8 | 4 | 200 | 9918440000 |
| WK SI 1,0x5,5 | Max. 3.8 Nm | 1 | 5.5 | 200 | 9918450000 |

WK IK PH

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver; drive output acc. to DIN 5260-PH, ISO 8764/1-PH



| | | | | | |
|-----------|-------------|--|--|-----|------------|
| WK IK PH0 | Max. 9 Nm | | | 200 | 9918460000 |
| WK IK PH1 | Max. 3.8 Nm | | | 200 | 9918470000 |
| WK IK PH2 | Max. 5.5 Nm | | | 200 | 9918480000 |

WK IK PZ



| | | | | | |
|-----------|-------------|--|--|-----|------------|
| WK IK PZ0 | Max. 9 Nm | | | 200 | 9918490000 |
| WK IK PZ1 | Max. 3.8 Nm | | | 200 | 9918500000 |
| WK IK PZ2 | Max. 5.5 Nm | | | 200 | 9918510000 |

WK IK SL/PH

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver



| | | | | | |
|--------------|-------------|--|--|--|------------|
| WK IK SL/PH1 | Max. 3.8 Nm | | | | 1318130000 |
| WK IK SL/PH2 | Max. 5.5 Nm | | | | 1318140000 |

Screwdrivers

Uninsulated screwdriver

Weidmüller SoftFinish®screwdriver for general applications. Bit made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt-chrome finish.



SD S

Slotted screwdriver with rounded blade, SD DIN 5265, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1, ChromTop tip, SoftFinish®grip



| Type | Blade type | Size / AF | a | b | c | Order No. |
|-----------------|------------|-----------|-----|-----|-----|------------|
| SDS 0.4X2.0X60 | B | | 0.4 | 2 | 60 | 9037160000 |
| SDS 0.4X2.5X75 | A | | 0.4 | 2.5 | 75 | 9009030000 |
| SDS 0.5X3.0X80 | A | | 0.5 | 3 | 80 | 9008320000 |
| SDS 0.6X3.5X100 | A | | 0.6 | 3.5 | 100 | 9008330000 |
| SDS 0.6X3.5X200 | A | | 0.6 | 3.5 | 200 | 9010110000 |
| SDS 0.8X4.0X100 | A | | 0.8 | 4 | 100 | 9008340000 |
| SDS 0.8X4.5X125 | A | | 0.8 | 4.5 | 125 | 9009020000 |
| SDS 1.0X5.5X150 | A | | 1 | 5.5 | 150 | 9008350000 |
| SDS 1.2X6.5X150 | A | | 1.2 | 6.5 | 150 | 9009010000 |

SDK PH

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, drive output acc. to ISO 8764-PH, chrome top tip, SoftFinish® grip



| | | | | | | |
|---------|--|--|-----|-----|--|------------|
| SDK PH0 | | | 3 | 60 | | 9008470000 |
| SDK PH1 | | | 4.5 | 80 | | 9008480000 |
| SDK PH2 | | | 6 | 100 | | 9008490000 |
| SDK PH3 | | | 8 | 150 | | 9008500000 |

SDK PZ

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, drive output acc. to ISO 8764-PZ, chrome top tip, SoftFinish® grip



| | | | | | | |
|---------|--|--|-----|-----|--|------------|
| SDK PZ1 | | | 4.5 | 80 | | 9008530000 |
| SDK PZ2 | | | 6 | 100 | | 9008540000 |
| SDK PZ3 | | | 8 | 150 | | 9008550000 |

SD TH

Torx® TH screwdriver with hole in tip of blade (tamper-resistant), SD TH for screwing Torx® and Torx®TH security screws (pin in centre of Torx® recess), ChromTop tip, SoftFinish®grip



| | | | | | | |
|---------|--|--|----|---|-----|------------|
| SD TH10 | | | 10 | 4 | 80 | 9009180000 |
| SD TH15 | | | 15 | 4 | 80 | 9009170000 |
| SD TH20 | | | 20 | 4 | 100 | 9009160000 |

SK

Hexagonal key, SK DIN 3125, drive output acc. to DIN 475/2, SoftFinish® grip



| | | | | | | |
|-------------|--|--|--|--|--|------------|
| SK 10,0x125 | | | | | | 9009070000 |
|-------------|--|--|--|--|--|------------|

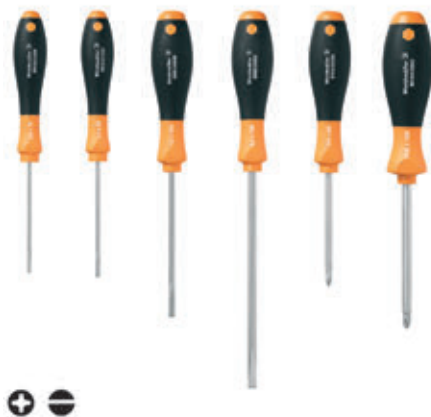
Uninsulated screwdriver

Weidmüller SoftFinish®screwdriver for general applications. Bit made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt-chrome finish.



Set S 2.5/3.0/4.0/5.5/PH 1/2

6-part set: slotted and crosshead PH screwdriver set with circular blades



| Type | Blade type | Size / AF | a | b | c | Order No. |
|-----------------------|------------|-----------|-----|-----|-----|-------------------|
| SDS 0.4X2.5X75 | A | | 0.4 | 2.5 | 75 | |
| SDS 0.5X3.0X80 | A | | 0.5 | 3 | 80 | |
| SDS 0.8X4.0X100 | A | | 0.8 | 4 | 100 | |
| SDS 1.0X5.5X150 | A | | 1 | 5.5 | 150 | |
| SDK PH1 | | | | 4.5 | 80 | |
| SDK PH2 | | | | 6 | 100 | |
| SD Set S2.5-5.5/PH1/2 | | | | | | 9009740000 |

Set S 2.0/2.5/3.0/3.5/4.0/5.5

6-part set: slotted screwdriver set



| | | | | | | |
|-----------------|---|--|-----|-----|-----|-------------------|
| SDS 0.4X2.0X60 | B | | 0.4 | 2 | 60 | |
| SDS 0.4X2.5X75 | A | | 0.4 | 2.5 | 75 | |
| SDS 0.5X3.0X80 | A | | 0.5 | 3 | 80 | |
| SDS 0.6X3.5X100 | A | | 0.6 | 3.5 | 100 | |
| SDS 0.8X4.0X100 | A | | 0.8 | 4 | 100 | |
| SDS 1.0X5.5X150 | A | | 1 | 5.5 | 150 | |
| SD Set S2.0-5.5 | | | | | | 9205560000 |

Weidmüller wrench set

Weidmüller SoftFinish®screwdriver for general applications.
 Bit made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt-chrome finish.



System 11+1 S-PH-PZ-SK

12-piece set with interchangeable bits for slotted, cross-head PH/PZ and hexagon head screws, SoftFinish®grip



| Type | Size / AF | a | b | c | Order No. |
|-------------|-----------|---|-----|---|-------------------|
| SD | | | | | |
| SD | | | | | |
| SD | | | | | |
| SD | | | | | |
| PH 1 | | | | | |
| PH 2 | | | | | |
| PZ 1 | | | | | |
| PZ 2 | | | | | |
| SK | | | | | |
| SK | | | | | |
| SK | | | | | |
| SYSTEM 11+1 | | | 140 | | 9009750000 |

IS 4 / IS 6 / IS 8

Wrench with pegged pilot tip



Hexagon screwdriver with cross-grip made from high-quality plastic

- Nickel-plated surface
- Made from hardened chromium-vanadium steel
- Manufactured according to DIN 6911
- Designed for screws acc. to DIN 6912

IS 2 KG / IS 3 KG / IS 4 KG

Socket wrench



Hexagon screwdriver with cross-grip made from high-quality plastic

- Nickel-plated surface
- Made from hardened chromium-vanadium steel
- Manufactured according to DIN 6911
- Designed for screws acc. to DIN 6912

SDQ T15 / SDQ T20 / SDQ T40

Socket wrench, Torx®



Torx® screwdriver with cross-grip made from high-quality plastic

- Matt-chrome surface finish
- Made from hardened chromium-vanadium steel

| | IS4 | IS6 | IS8 |
|--------|-------|-------|-------|
| c | 60 mm | 80 mm | 90 mm |
| Weight | 27 g | 61 g | 89 g |

| | IS 3 KG | IS 4 KG |
|--------|---------|---------|
| c | 100 mm | 100 mm |
| Weight | 32 g | 32 g |

| | SDQ T15 | SDQ T20 | SDQ T40 |
|--------|---------|---------|---------|
| c | 100 mm | 100 mm | 100 mm |
| Weight | 32 g | 32 g | 32 g |

Ordering data

| Type | Qty. | Order No. |
|---------------|------|------------|
| IS 4 DIN 6911 | 1 | 0485100000 |
| IS 6 DIN 6911 | 1 | 0407900000 |
| IS 8 DIN 6911 | 1 | 0235000000 |

Ordering data

| Type | Qty. | Order No. |
|---------|------|------------|
| IS 3 KG | 1 | 1806650000 |
| IS 4 KG | 1 | 1806660000 |

Ordering data

| Type | Qty. | Order No. |
|---------|------|------------|
| SDQ T15 | 1 | 1318390000 |
| SDQ T20 | 1 | 1318400000 |
| SDQ T40 | 1 | 1318410000 |

Removal Tool CM3, HD**Removal Tool HD****CM3 Removal Tool**

Contact release tool for freeing CM3 crimp contacts.

HD Removal Tool

Contact release tool for freeing crimp contacts in the Concept CM10 module

Ordering data

| Type | Qty. | Order No. |
|-------------------|------|------------|
| REMOVAL TOOL HD | 1 | 1866730000 |
| Removal Tool CM 3 | 1 | 1866710000 |

**Removal Tool HE****Removal Tool HE**

Contact release tool for the ConCept HE module and for releasing crimp contacts in the ConCept CM4 module

Ordering data

| Type | Qty. | Order No. |
|-----------------|------|------------|
| Removal Tool HE | 1 | 1866750000 |

**Removal Tool MHP**

Contact release tool for removing ModuPlug MHP100 contacts.

Ordering data

| Type | Qty. | Order No. |
|------------------|------|------------|
| Removal Tool MHP | 1 | 1866760000 |

**Replacement sleeve for contact release tool****Ordering data**

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| HUELSE REMOVAL TOOL HD | 5 | 1044100000 |
| HÜLSE REMOVAL TOOL CM 3 | 5 | 1044080000 |



CA 4/8 Indent

0,14...4 mm²



The CA 4/8 Indent is an electro-pneumatic-driven automatic stripper and crimper for processing loose-packed, turned male and female contacts.

The contacts are fed automatically via an oscillating conveyor set-up. Conductors and contacts in the 0.14 - 4.0 mm range (AWG 26-14) can be crimped normally with a 4/8 indent crimp shape, in compliance with MIL C-22520/1-01. The settings for stripping and crimp depth are motor-driven. The values can be saved in 50 different programs. The keyboard is used for configuration and programming. Important data, functions and errors are shown on the LCD display.

With the help of the appropriate tools, the automatic crimper may be converted to various contacts and/or conductors.

It was developed for preparing conductors in medium-batch series for stationary use.

The automatic machine can be operated quickly and easily.

- Stripping and crimping in one operation
- Electro-pneumatic drive
- Strips and crimps 0.14...4.0 mm²
- Processes loose twisted pin and socket contacts
- Rapid and simple change-over
- Vibration-feeder takes 500 loose machined contacts
- 4/8-Indent crimp conforms with MIL C-22520/1-01
- Program memory for 50 contact variations
- Stripping and crimping dimensions adjusted by means of electric motor
- The CA 4/8 Indent S features an oscillating conveyor with selective feed. It uses sensors and actuators to ensure that the contacts are correctly positioned for processing.

Technical data

| | CA 4/8 Indent | CA 4/8 Indent S |
|---------------------------|---|----------------------------|
| Stripping range | 0,14 ... 2,5 mm ² | 0,25 ... 4 mm ² |
| Connection | 220 V / 50 Hz / 115 VA | 220 V / 50 Hz / 115 VA |
| Drive | pneumatic | pneumatic |
| Compressed air connection | 5 bar | 5 bar |
| Processing time | approx. 2,5 s | approx. 2,5 s |
| Size W x D x H | 450 x 490 x 420 | 530 x 500 x 600 |
| Weight | 40 kg | 54 kg |
| Options | special blade fixture (profile blade, V-radius blade), special fixing device for stranded wires, shortened insertion length, monitoring of entry, feed equipped with selection unit, control of crimping force, interface | |

Note on ordering

The machine is set up using sample contacts to suit the user's requirements. For this we need the name of the manufacturer, the type designation and the cross-sections of the contacts.

Detailed quotation available on request. Additional accessories can be found in our Heavy-Duty Connectors Catalogue.