

Battery operated hydraulic crimping and cutting tool 100 kN druseidt-system with exchangeable tool heads



Exchangeable tool heads

Crimping head



Cutting head



Deliverable tool heads

- Battery operated tools with exchangeable tool heads offer an economically and mobile crimping of cable lugs and connectors as well as cutting of copper- and aluminium-cables
- Deliverable tool heads
 - **Part-No. 12753** collapsible crimping head for flat dies
 - **Part-No. 12751** cutting head for copper and aluminium cables up to 54 mm Ø
- two stage hydraulic system with quick feed and power stroke
- collapsible, 360° rotating tool head
- automatic pressure limit and monitoring by a pressure sensor

- electronic control and inspection of the crimping cycle
- quick motor stop and manual retraction
- automatic motor stop and automatic retraction once crimp is completed (the automatic retraction function can be switched off in case of need)
- USB-interface for remote diagnosis
- analysis software with interpretation-, service- and monitoring function
- optical failure- and stand-by indication system
- high performance Lithium-Ion battery
- 230 V mains adapter as accessory part

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Crimping dies
druseidt system dies size I
flat design

Part-No.	cross-section range	description/scope of supply	
12748	10 - 300 mm	1 standard set consisting out of: 1 piece battery operated basic unit 100 kN without tool heads 1 piece Li-Ion-battery 14,4 V, 2,6 Ah	1 piece battery charger 230 V 1 piece analysis software 1 piece USB connecting lead
12749		steel carrying case	
12753		crimping head for flat dies	
12751		cutting head for copper- and aluminium cables up to 54 mm Ø	

Accessories

13553	Replacement Li-Ion-battery 14,4 V, 2,6 Ah
13554	Replacement battery charger 230 V
13555	230 V mains adapter with 5 m connecting lead
13538	Shoulder strap

Technical data

- crimping force: 100 kN
- max. stroke: 17 mm
- operating pressure: 700 bar
- crimping time: 3-6 sec.
(in dependence of the cross-section)
- Li-Ion-battery 14,4 V/2,6 Ah
- time of loading: ca. 45 min.
- battery charger: 230 V/50 Hz with 2 m connecting lead
- weight: with crimping head 5,3 kg
with cutting head 6,1 kg

Application range for crimping head Part-No. 12753

- **Indent-crimping 10-70 mm²**
for cable lugs acc. to DIN 46234 + DIN 46230
- **Indent-crimping 1,5-35 mm²**
for druseidt stainless steel cable lugs
- **WM-crimping 10-300 mm²**
for tubular cable lugs and connectors
- druseidt Standard design
- druseidt Euro-type design
- **WM-crimping 10-240 mm²**
for tubular cable lugs and connectors
- druseidt design for fine stranded cables
- **Hexagonal-crimping 10/16-300 mm²**
for cable lugs and connectors
- copper DIN 46235/DIN 46267 part 1
- aluminium DIN 46329/DIN 46267 part 2
- **Round-crimping dies 25/35-185/240 mm²**
- **Trapezoid-crimping 25-95 mm²**
for cable end sleeves acc. to DIN 46228 part 1 + 4

Application range of cutting head Part-No. 12751

For cutting of copper- and aluminium cables up to a outer-Ø of 54 mm

Selection charts for crimping dies with Part-No. and description are listed in this catalogue on pages 196-197.