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TOOLS FOR MECHANICAL CONNECTORS

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Clamp device for screw connectors

Description	Order No.	Dimensions	for screw connectors Ø	Weight
Clamp device for screw connectors all sizes	161910	310 mm	25 - 50 mm	540 kg
Clamp device for screw connectors all sizes	161900	280 mm	14 - 32 mm	400 kg
Clamp device for screw connectors to Ø 15 mm	161906	240 mm	0 - 15 mm	350 kg

- For a better handling of screw connectors on the installation of connecting boxes
 - Infinitely adjustable
 - for screw connectors 16 mm² - 240 mm² (161910)
 - for screw connectors 2.5 mm² - 150 mm² (161900)
 - for screw connectors 1.5 mm² - 16 mm² (161906)
- maximum holding capacity Ø 15/32/50 mm

TOOLS FOR MECHANICAL CONNECTORS



Clamp device for screw connectors

Description	Order No.	Dimensions	Weight
Clamp device	22013	192 x 65 x 64 mm	350 g

Gives excellent clamping while screwing on screw connectors with diameters from 14 to 40mm.

Technical characteristics:

- Can work on live parts with voltages up to 1000V AC and 1500V DC
- Vice clamp system
- Usable with insulated and non-insulated connectors
- Insulated in compliance with IEC 60900/IEC900 Standards
- Tool designed for very low temperature work, down to -40°C

Standards:

- IEC 60900
- IEC 900
- EN10020

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Set clamp device for screw connectors

Description	Order No.	Dimensions	Weight
Set clamp device	22010	192 x 140 x 40 mm	1,8 kg

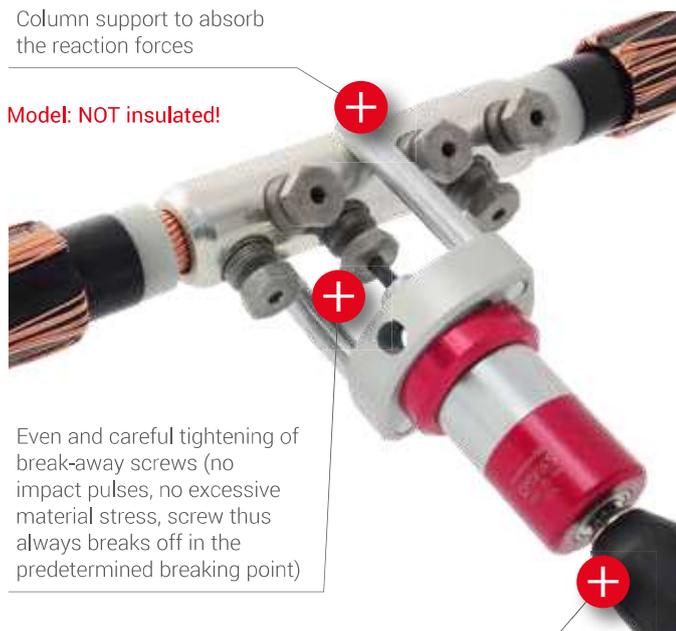
Set equipment:

- Clamp device 2201 3
- Insulated reversible ratchet wrench ½" 1502 1
- Insulated 12-point female socket 13 1504 113
- Insulated 12-point female socket 17 1504 117
- Insulated 12-point female socket 19 1504 119
- Insulated male hex socket 5 1505 105
- Insulated male hex socket 6 1505 106
- Insulated male hex socket 8 1505 108

TOOLS FOR MECHANICAL CONNECTORS

Column support to absorb the reaction forces

Model: NOT insulated!



Even and careful tightening of break-away screws (no impact pulses, no excessive material stress, screw thus always breaks off in the predetermined breaking point)

Cost saving compared to conventional impact wrenches (DMVI 65 can be used with any conventional cordless screwdriver)

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Torque amplifier for screw connectors

For controlled tightening of break-away screws on screw connectors, usable with all standard cordless screwdrivers with a chuck holder up to min. Ø 14 mm

Description	Order No.	Dimensions	Weight
Set of torque amplifiers	DMVI65	370x245x115 mm	approx. 1925 g

Technical characteristics:

- Simple and precise handling
- Material-friendly tightening of the screws by means of a transmission multiplier
- Transmission ratio 1: 24
- Use with standard cordless screwdriver
- Load capacity up to 65 Nm
- 3-edge adapter for drill chucks min. Ø 14 mm
- Tool dimensions: 199 x 89 mm
- Tool weight: approx. 1050 g

ATTENTION: DO NOT USE IN COMBINATION WITH IMPACT WRENCHES!



Torque amplifier set for screw connectors

Set equipment:

- Torque amplifier DMVI65
- Allen wrench SW5
- Spanner sockets SW10, SW13, SW14, SW17, SW19, SW22, SW24
- Wrench inserts SW5, SW6, SW8, SW10
- Case
- Use instructions



Wrench inserts



Spanner sockets

Spare parts:

Spanner sockets:

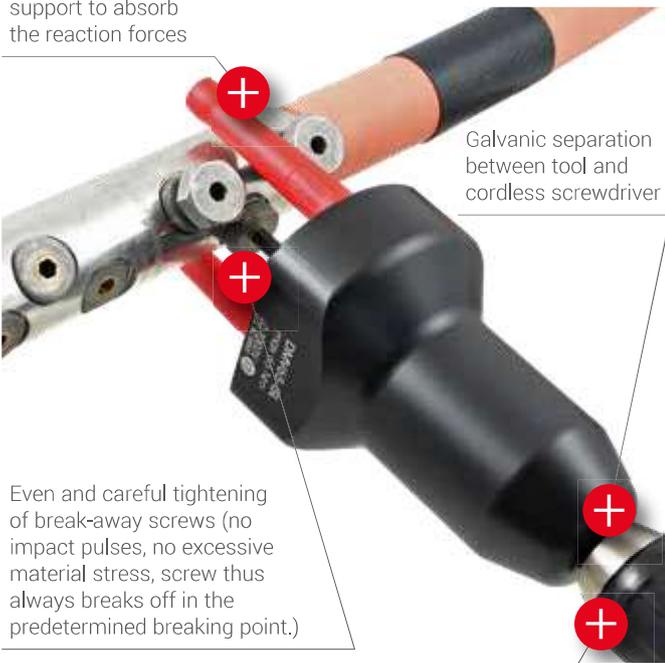
• SW10	109159
• SW13	109160
• SW14	109161
• SW17	109162
• SW19	109163
• SW22	109164
• SW24	109165

Wrench inserts:

• SW5	M3105
• SW6	M3106
• SW8	M3108
• SW10	M3110

TOOLS FOR MECHANICAL CONNECTORS

Insulated pillar support to absorb the reaction forces



Galvanic separation between tool and cordless screwdriver

Even and careful tightening of break-away screws (no impact pulses, no excessive material stress, screw thus always breaks off in the predetermined breaking point.)

Cost saving compared to conventional impact wrenches (DMVI 65 can be used with any conventional cordless screwdriver)



1000V
IEC 60900

Set of torque amplifiers electrically isolated - 1000V

Suitable for mounting screw connectors with voltage up to 1,000V

Description	Order No.	Dimensions	Weight
Set of torque amplifiers	DMVI-ISL	370x245x115 mm	approx. 3 kg

Technical characteristics:

- Simple and precise handling
- Insulated/ touch-protected pillar support to absorb the reaction forces
- 3-edge adapter for drill chucks min. Ø 14 mm
- Use with standard cordless screwdriver
- Material-friendly tightening of the screws by means of a transmission multiplier
- Transmission ratio 1: 24
- Load capacity up to 65 Nm
- Tool dimensions: 97 x 240 mm
- Tool weight: approx. 1050 g

ATTENTION: DO NOT USE IN COMBINATION WITH IMPACT WRENCHES!

Set equipment:

- Set DMV65-PTG
- Case with foam insert
- Insulated torque amplifier
- Angle screwdriver S5
- Allen screwdriver bit 1/2" - 05
- Allen screwdriver bit 1/2" - 06
- Allen screwdriver bit 1/2" - 08
- Allen screwdriver bit 1/2" - 10
- Wrench socket 1/2" x 10
- Wrench socket 1/2" x 13
- Wrench socket 1/2" x 14
- Wrench socket 1/2" x 17
- Wrench socket 1/2" x 19
- Wrench socket 1/2" x 22
- Wrench socket 1/2" x 24
- Operating instructions

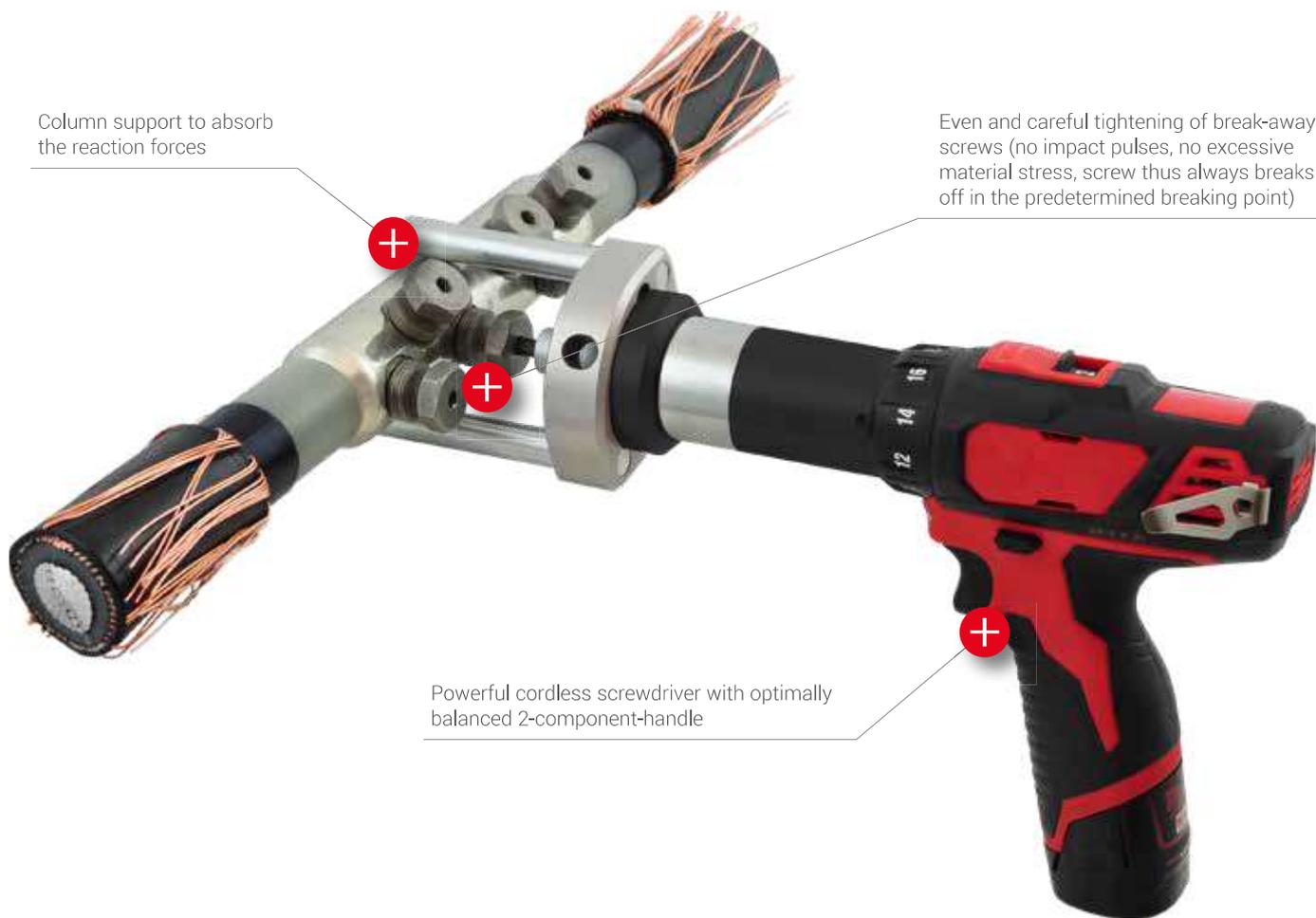


Wrench inserts



Spanner sockets

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Column support to absorb the reaction forces

Even and careful tightening of break-away screws (no impact pulses, no excessive material stress, screw thus always breaks off in the predetermined breaking point)

Powerful cordless screwdriver with optimally balanced 2-component-handle



Battery operated torque amplifier for screw connectors

For controlled tightening of break-away screws on screw connectors

Description	Order No.	Dimensions	Weight
Set battery torque amplifier	DMVI65A	480x280x125 mm	approx. 4,6 kg

Technical characteristics:

- Simple and precise handling
- Material-friendly tightening of the screws by means of a transmission multiplier
- Metal parts in high strength alloy steel, aluminium body with anodized surface
- Cordless screwdriver-body made entirely of shock-resistant plastic material
- Handle in 2-components material with soft grip for fatigue-free working
- The device is very well balanced
- Transmission ratio 1:24
- Load capacity up to 65 Nm - 2 speed positions
- 1/2" connector for female and male hex socket
- Two positions for the bars: max. Ø 40 mm or max. Ø 53 mm
- Length bars: 80,5 mm
- Lithium-ion battery 12V-2,0 Ah - Charging time approx. 30 min
- Protection IP40 - Operating temperature -10°C - +40°C
- Tool dimensions 340 x 210 x 70 mm - Tool weight: approx. 2,1 kg

Set equipment

- Set DMV65-PTG
- Case with foam insert
- Insulated torque amplifier
- Angle screwdriver S5
- Allen screwdriver bit 1/2" - 05 / 06 / 08 / 10
- Wrench socket 1/2" x 10 / 13 / 14 / 17 / 19 / 22 / 24
- Operating instructions