

ENERGY

COMPRESSION TOOLS & DIES



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Manual compressing pliers Type O2 / O2D



Mechanical tools with open design of the compression head. The open design of the compression head allows the placement and removal of the compression pliers directly at the connection to be pressed without removing the compression dies.

Technical description:

- Compression dies type O2.
- Compressible cross sections:
Copper up to 35 mm².
Aluminium up to 50 mm².
- Accessories:
Case for mechanical hand compression tool, PRIMAT O2 and dies.
Holder for mechanical hand compression tool, PRIMAT O2 for clamping the tool into a vice.

L.-No.	Type	Rotatable compression head	Compression force (kN)	Compressible cross-sections Cu (mm ²)	Compressible cross-sections Al (mm ²)	Size (mm)
303.088.088	Primat O2	-	25	6 – 35	16 – 50	370
303.527.527	Primat O2D	360°	25	6 – 35	16 – 50	400

Manual compressing pliers Type O6 / GO6



The manual crimping plier is equipped with a C-shaped crimping head that can be rotated through 360°. The telescopic handle is released and tightened by simply turning for infinitely variable length adjustment.

Technical description:

- Compression dies type O6 and GO6.
- Compressible cross sections:
Copper up to 240 mm².
Aluminium up to 185 mm².
- Accessories:
Case for mechanical hand compression tool.

L.-No.	Type	Rotatable compression head	Compression force (kN)	Compressible cross-sections Cu (mm ²)	Compressible cross-sections Al (mm ²)	Size (mm)
303.871.002	Primat O6-T	360°	60	6 – 185	16 – 150	540-750
303.871.003	Primat GO6-T	360°	60	6 – 240	16 – 185	550-760

Compression dies Type O2 & O6



For copper and steel crimp connections. Suitable for mechanical handheld crimping plier O2 & O6.

Technical description:

- For manual compression pliers type O2 and O6.
- Dies also valid for battery- powered compression tool PressMax 6.

L.-No.	Description	Type	Tool code	Compression width (mm)
303.414.523	Oval compression die	O2	8 PO	5
303.109.468	Hexagonal compression die	O2	5	5
303.109.109	Hexagonal compression die	O2	6	5
303.109.110	Hexagonal compression die	O2	8	5
303.109.111	Hexagonal compression die	O2	10	5
303.109.400	Hexagonal compression die	O2	12	5
300.463.464	Oval compression die	O6	8 PO	5
300.463.465	Oval compression die	O6	10 PO	5
300.463.466	Oval compression die	O6	12 PO	5
300.463.467	Oval compression die	O6	16 PO	5
300.463.468	Oval compression die	O6	18 PO	5
300.463.469	Oval compression die	O6	20 PO	5
300.463.470	Oval compression die	O6	21 PO	5
300.463.473	Oval compression die	O6	25 PO	5
300.438.438	Hexagonal compression die	O6	5	5
300.438.439	Hexagonal compression die	O6	6	5
300.438.441	Hexagonal compression die	O6	8	5
300.438.443	Hexagonal compression die	O6	10	5
300.438.445	Hexagonal compression die	O6	12	5
300.438.446	Hexagonal compression die	O6	13	5
300.438.447	Hexagonal compression die	O6	14	5
300.438.448	Hexagonal compression die	O6	16	5
300.438.449	Hexagonal compression die	O6	18	5
300.438.451	Hexagonal compression die	O6	20	5

Compression dies Type GO6

For copper and steel crimp connections.



Technical description:

- For manual compression pliers type GO6-T.
- Dies also valid for battery- powered compression tool PressMax 6.

L.-No.	Description	Type	Tool code	Compression width (mm)
300.379.001	Oval compression die	GO6	10 PO	13
300.378.382	Oval compression die	GO6	16 PO	5
300.378.383	Oval compression die	GO6	18 PO	5
300.378.384	Oval compression die	GO6	20 PO	5
300.385.386	Oval compression die	GO6	22 PO	5
300.353.353	Hexagonal compression die	GO6	5	5
300.353.354	Hexagonal compression die	GO6	6	5
300.353.356	Hexagonal compression die	GO6	8	5
300.353.358	Hexagonal compression die	GO6	10	5
300.353.360	Hexagonal compression die	GO6	12	5
300.353.361	Hexagonal compression die	GO6	13	5
300.353.362	Hexagonal compression die	GO6	14	5
300.353.363	Hexagonal compression die	GO6	16	5
300.353.364	Hexagonal compression die	GO6	18	5

Compression dies Type C13 for droppers



For droppers crimp connections.

Technical description:

- For C-shaped compression tools (13 kN).

L.-No.	Description	Type	Tool code	Compression width (mm)
HG.10.PO.8	Dropper compression die	C13	10 Bz II	20
HG.15.PO.8	Dropper compression die	C13	12 Bz II	20
HG.16.PO.11	Dropper compression die	C13	16 Bz II	20
HG.16.PO.11V	Dropper compression die	C13	16 (st. Steel)	20
HG.17.PO.11	Dropper compression die	C13	25 Cu - Flexible	20

Compression dies Type C6



For copper, steel and aluminium crimp connections.

Technical description:

- For battery- powered compression tool PressMax 6 (C-shaped compression tool 6 kN).

L.-No.	Description	Type	Tool code	Compression width (mm)
HG6.10.PO	Oval compression die	C6	10 PO	13
HG6.16.PO	Oval compression die	C6	16 PO	5
HG6.18.PO	Oval compression die	C6	18 PO	5
HG6.20.PO	Oval compression die	C6	20 PO	5
HG6.22.PO	Oval compression die	C6	22 PO	5

For Copper and Steel connections

HG6.5.MC	Hexagonal compression die	C6	5	5
HG6.6.MC	Hexagonal compression die	C6	6	5
HG6.7.MC	Hexagonal compression die	C6	7	5
HG6.8.MC	Hexagonal compression die	C6	8	5
HG6.9.MC	Hexagonal compression die	C6	9	5
HG6.10.MC	Hexagonal compression die	C6	10	5
HG6.11.MC	Hexagonal compression die	C6	11	5
HG6.12.MC	Hexagonal compression die	C6	12	5
HG6.14.MC	Hexagonal compression die	C6	14	5
HG6.16.MC	Hexagonal compression die	C6	16	5
HG6.18.MC	Hexagonal compression die	C6	18	5
HG6.20.MC	Hexagonal compression die	C6	20	5
HG6.22.MC	Hexagonal compression die	C6	22	5
HG6.25.MC	Hexagonal compression die	C6	25	5
HG6.28.MC	Hexagonal compression die	C6	28	5

For Aluminium connections

HG6.12.MA	Hexagonal compression die	C6	12	7
HG6.14.MA	Hexagonal compression die	C6	14	7
HG6.16.MA	Hexagonal compression die	C6	16	7
HG6.18.MA	Hexagonal compression die	C6	18	7
HG6.20.MA	Hexagonal compression die	C6	20	7
HG6.22.MA	Hexagonal compression die	C6	22	7
HG6.25.MA	Hexagonal compression die	C6	25	7
HG6.27.MA	Hexagonal compression die	C6	27	7

Compression dies Type C13 (Hexagonal compression)



For copper, steel and aluminium crimp connections.

Technical description:

- For battery- powered compression tool PressMax 6 (C-shaped compression tool 13 kN).

L.-No.	Description	Type	Tool code	Compression width (mm)
HG.4.KZ	Hexagonal compression die	C13	4	14
HG.5.KZ	Hexagonal compression die	C13	5	14
HG.6.KZ	Hexagonal compression die	C13	6	14
HG.7.KZ	Hexagonal compression die	C13	7	14
HG.8.KZ	Hexagonal compression die	C13	8	14
HG.9.KZ	Hexagonal compression die	C13	9	14
HG.10.KZ	Hexagonal compression die	C13	10	14
HG.11.KZ	Hexagonal compression die	C13	11	14
HG.12.KZ	Hexagonal compression die	C13	12	14
HG.13.KZ	Hexagonal compression die	C13	13	14
HG.14.KZ	Hexagonal compression die	C13	14	14
HG.15.KZ	Hexagonal compression die	C13	15	14
HG.16.KZ	Hexagonal compression die	C13	16	14
HG.17.KZ	Hexagonal compression die	C13	17	14
HG.18.KZ	Hexagonal compression die	C13	18	14
HG.19.KZ	Hexagonal compression die	C13	19	14
HG.20.KZ	Hexagonal compression die	C13	20	14
HG.21.KZ	Hexagonal compression die	C13	21	14
HG.22.KZ	Hexagonal compression die	C13	22	14
HG.25.KZ	Hexagonal compression die	C13	25	14
HG.27.KZ	Hexagonal compression die	C13	27	14
HG.28.KZ	Hexagonal compression die	C13	28	14
HG.30.KZ	Hexagonal compression die	C13	30	14
HG.32.KZ	Hexagonal compression die	C13	32	14
HG.34.KZ	Hexagonal compression die	C13	34	14

Hydraulic compressing head Size III – 850 bar



Hydraulic tool head 850 bar with oil-loss-free coupling plug for two-stage high-pressure pumps ZHP, electrohydraulic high-pressure pump EHP and battery-operated high-pressure pump AHP with hose connection (coupling sleeve).

Technical description:

- Operating pressure: 850 bar.
- Nominal compression force: 240 kN.

L.-No.	Type	Description	Compression force (kN)	Compressible cross-sections Cu (mm ²)	Compressible cross-sections Al (mm ²)	Stroke (mm)
305.678.007	Size III	-	240	16 – 500	25 – 630	22.5
305.678.009	Size III	With hook (accessory)	240	16 – 500	25 – 630	22.5

Electro-hydraulic high-pressure pump 850 bar



The high-pressure pump is installed in a handy carrying case. The well-proven double-hose system (supply and return) with control valve and oil-loss-free coupling sleeve for connecting a compression head completes the device. An overpressure valve protects the high-pressure pump against overload.

Technical description:

- Operating pressure: 850 bar.
- Nominal compression force: 240 kN.
- Power / Power consumption (electric drive motor): 230 Vac / 500 W.
- Power cable of 5 m of length.

L.-No.	Description	Compression force (kN)	Hydraulic oil (cm ³)	Hose included, length (m)
305.853.012	EHT, electro-hydraulic high pressure pump	240	650	3
305.853.013	EHT, electro-hydraulic high pressure pump	240	650	4
305.853.016	EHT, electro-hydraulic high pressure pump	240	650	8

Available hoses / spare parts:

300.772.776	Hose of 3 m	3
300.772.656	Hose of 4 m	4
300.772.312	Hose of 8 m	8

Compression dies Type III for E & C clamps



- For hydraulic compression head size III.
- Dies for C-Clamps and E-Clamps

L.-No.	Description	Size	Tool code	Compression width (mm)
302.131.131	Compression die for compressing E & C Clamps	III	DB 3	44
302.246.246	Compression die for detaching E & C Clamps	III	DB 3-L	44
MA-101	Compression die for compressing C-Clamps	III	C2	44
MA-102	Compression die for detaching C-Clamps	III	C2	44
MA-103	Compression die for compressing E-Clamps	III	E1	44
MA-104	Compression die for detaching E-Clamps	III	E1	44
M.PB-95F.280	Compression die for compressing bimetallic clamps	III	PB	44

Compression dies Type III for riveted contact wire splices



- For hydraulic compression head size III.
- Dies for riveted contact wire splices.

L.-No.	Description	Size	Tool code
302.346.346	Compression die for riveting	III	DB-4-N / UIC-107
302.345.345	Compression die for detaching	III	DB-4-L / UIC-107

Compression dies Type III for wire joints



- For hydraulic compression head size III.
- Dies for wire joints.

L.-No.	Description	Size	Tool code	Compression width (mm)
13H.KP.MC	Hexagonal compression die	III	13	14
14H.KP.MC	Hexagonal compression die	III	14	14
15H.KP.MC	Hexagonal compression die	III	15	14
16H.KP.MC	Hexagonal compression die	III	16	14
17H.KP.MC	Hexagonal compression die	III	17	14
18H.KP.MC	Hexagonal compression die	III	18	14
19H.KP.MC	Hexagonal compression die	III	19	14
20H.KP.MC	Hexagonal compression die	III	20	14
21H.KP.MC	Hexagonal compression die	III	21	14
22H.KP.MC	Hexagonal compression die	III	22	14
23H.KP.MC	Hexagonal compression die	III	23	14
25H.KP.MC	Hexagonal compression die	III	25	14
28H.KP.MC	Hexagonal compression die	III	28	14
30H.KP.MC	Hexagonal compression die	III	30	17
32H.KP.MC	Hexagonal compression die	III	32	17
34H.KP.MC	Hexagonal compression die	III	34	17
36H.KP.MC	Hexagonal compression die	III	36	17
38H.KP.MC	Hexagonal compression die	III	38	17
42H.KP.MC	Hexagonal compression die	III	42	17
44H.KP.MC	Hexagonal compression die	III	44	17

Hydraulic battery compressing tool Pressmax 6



Crimping range

Cu / Al (DIN 48083)		Cu: 10 – 240 mm ² Al: 10 – 240 mm ²
ACSR		Al: 16 – 120 mm ² Steel: 2.5 – 25 mm ²
Pre-rounding		SE: 35 – 300 mm ² SM: 10 – 240 mm ²

The PressMax 6 has an ideal power to weight ratio for crimping jobs of up to 240 mm² according to DIN Standard.

Especially, the energy sector values their ergonomic design and the use of standard dies.

Technical description:

- Safe one-hand operation thanks to light-weight and well- balanced design with non-slip housing.
- Safe crimping even in confined spaces by narrow, rotatable crimping head with LED for lighting the working area.
- Standard spring and pin crimping dies.
- Very short crimping cycles by optimized 2-step hydraulic system.
- The accessories are interchangeable within the battery-operated hydraulic tool series from Mosdorfer Rail.

Scope of delivery:

- Battery operated crimping tool PressMax 6.
- Lithium-ion battery IPP-30.
- Battery charger IMC-1 (AC).
- Carrying strap and transportation case.

L.-No.	Description	Compression force (kN)	Stroke (mm)	Weight (without battery) (kg)	Dimensions (mm)
305.909.022	PressMax 6	60	15	3.1	365x79x255

Hydraulic battery compressing tool Pressmax 6-C



Crimping range

Cu / Al (DIN 48083)		Cu: 10 – 300 mm ² Al: 10 – 300 mm ²
ACSR		Al: 16 – 120 mm ² Steel: 2.5 – 25 mm ²
Pre-rounding		SE: 35 – 300 mm ² SM: 10 – 240 mm ²

The PressMax 6 has an ideal power to weight ratio for crimping jobs of up to 300 mm² according to DIN Standard.

Especially, the energy sector values their ergonomic design and the use of standard dies.

Technical description:

- Safe one-hand operation thanks to light-weight and well- balanced design with non-slip housing.
- Safe crimping even in confined spaces by narrow, rotatable crimping head with LED for lighting the working area.
- Standard 6-t C-shaped dies.
- Very short crimping cycles by optimized 2-step hydraulic system.
- The accessories are interchangeable within the battery-operated hydraulic tool series from Mosdorfer Rail.

Scope of delivery:

- Battery operated crimping tool PressMax 6-C.
- Lithium-ion battery IPP-30.
- Battery charger IMC-1 (AC).
- Carrying strap and transportation case.

L.-No.	Description	Compression force (kN)	Stroke (mm)	Weight (without battery) (kg)	Dimensions (mm)
305.909.023	PressMax 6-C	60	15	3.4	350x79x265

Hydraulic battery compressing tool Pressmax 14-A



Time-saving and patented wide crimps of 400 mm² (K 38) according to DIN underline the PressMax 14-A's leading market position in the class of battery-powered manual tools.

This adds to its range of applications, especially in the electrical industry and overhead line construction, e.g. 265/35 connector (K38) and tubular busbar clamps (K34).

Technical description:

- Safe one-hand operation thanks to light-weight and well- balanced design with non-slip housing.
- Safe crimping even in confined spaces by narrow, rotatable crimping head with LED for lighting the working area.
- Standard spring and pin crimping dies.
- Very short crimping cycles by optimized 2-step hydraulic system.
- The accessories are interchangeable within the battery-operated hydraulic tool series from Mosdorfer Rail.

Scope of delivery:

- Battery operated crimping tool PressMax 6.
- Lithium-ion battery IPP-30.
- Battery charger IMC-1 (AC).
- Carrying strap and transportation case.

Crimping range

Cu / Al (DIN 48083)		Cu: 10 – 240 mm ² Al: 10 – 240 mm ²
ACSR		Al: 16 – 120 mm ² Steel: 2.5 – 25 mm ²
Pre-rounding		SE: 35 – 300 mm ² SM: 10 – 240 mm ²
Double crimping cable lugs		50 – 120 mm ²

L.-No.	Description	Compression force (kN)	Stroke (mm)	Weight (without battery) (kg)	Dimensions (mm)
305.909.024	PressMax 14-A	140	22	4.7	365x76x265

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SALES TERMS & CONDITIONS

Please, visit www.mosdorfer.com or consult to Commercial Team.



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