

# MECHANICAL

Probably the oldest drive variant in **JUWEL**'s product portfolio: The mechanical torque wrenches of the Type-0X series. With physical strength and supported by the mechanical planetary gear, you can achieve torques from 160 to 15,000 Nm.

The decisive advantage of mechanical torque wrenches? Regardless of your technical equipment, you can always screw anywhere. Selected, high-strength alloys in conjunction with optimised tooth flank widths and a high degree of manufacturing accuracy still give the mechanical torque wrench its absolute advantage. Continuous enquiries and sales of the Type-0X series guarantee the mechanical torque wrench a firm place in the product portfolio. If you are not satisfied with the dimensions, please contact us: We have already designed some special models of the Type-0X series (e.g. short or long version).



## TECHNOLOGY

- Torques from 160 to 15,000 Nm
- Easy changeover between clockwise and counter-clockwise rotation
- Accuracy of +/- 2% for the same bolting case
- Fine multi-tooth pick-up guarantees flexible positioning of the support
- Robust and extremely durable planetary gearbox with optimised tooth flank widths
- Handle receptacle made of high strength metal guarantees reliable and safe absorption of the force applied by the user
- Reliable support made of investment casting



More info about this product

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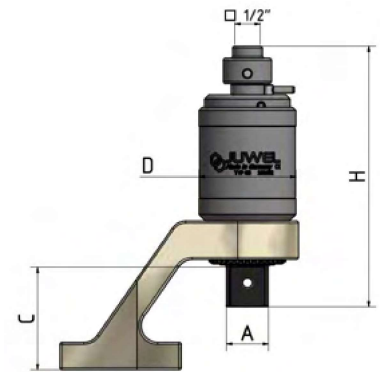
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# TYPE OX

**JUWEL** mechanical power wrenches are still used today in a wide range of industries.

With the help of a torque spanner and the torque table, you can flexibly determine your required torques: You take the torque table in hand, search for the required initial torque and thus determine the corresponding torque value that you have to set on the torque spanner. In this way, you can bolt with an accuracy of  $\pm 2\%$  with the same bolt case with torques of up to 15,000 Nm.



## ADVANTAGES

### High torques

Torques of up to 15,000 Nm are possible with the torque wrenches of the Type-OX series. This allows you to also tighten big screws without an energy source like electricity or hydraulic.

### Full flexibility

The drive source? Your own physical strength, supported by the planetary gear. Full flexibility regardless of your technical equipment or location.

### Cost-effective in use

According to the lack of drive, potential maintenance is reduced to the high-quality planetary gear. We don't worry much about that - and you don't have to either.

### Individual constructions

Whether an extended and extra narrow housing, a more compressed design or a specific reaction arm. Please express your ideas!

Models	Type 01RS	Type 02K	Type 02	Type 03	Type 03L	Type 04	Type 06	Type 07	Type 08
Square drive A	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2 1/2"
Item number	10 110 000	10 210 000	10 200 000	10 300 000	10 310 000	10 400 000	10 600 000	10 700 000	10 800 000
Torque (Nm)	160 - 1.200	540 - 3.200	540 - 3.200	540 - 4.200	1.460 - 5.400	680 - 6.200	1.860 - 10.000	1.900 - 10.000	1.900 - 15.000
Input size	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Weight reaction arm (kg)	1,6	1,6	1,6	3,5	3,5	5,7	5,7	5,7	11
Weight (kg)	3,6	5,9	3,7	5,9	7,5	10,8	15,8	19	31
Height C (mm)	55-75	75	75	95	95	110	110	130	145
Height H (mm)	180	340	225	235	375	365	315	328	340
Ratio	1:4	1:16	1:16	1:16	1:64	1:22	1:60	1:74,8	1:74,8
Ø Gear D (mm)	85	88	88	88	88	130	130	175	175