Product data sheet
9513-2100 EAN-No. 4000896**265015**

L x W x H: 209 mm x 98 mm x 243 mm · Loosening torque maximum [Nm]: 2100 Nm · 20 ¾"



- Patented vibration damping protects the wrist and the battery locking element
- **Cordless impact wrench · 18 V**
- Basic unit · without battery · without charger
- Auto stop function stops the machine as soon as the striking mechanism starts or stops working when it is released: avoids overtightening or loss of screws and nuts during operation
- Prevents overtightening, e.g. of small screws, by being able to set three different speed ranges (“Speed Command”)
- Forward/reverse with switch-on lock
- Electronic emergency brake
- LED battery capacity display on battery pack
- Compatible with all 18 V battery packs in the 9500 system
- LED light (5-stage) with persistence afterglow
- Infinite speed regulation
- 3 tightening torque levels
- Idle speed
  Level 1: max.: 500 revolutions/minute
  Level 2: max.: 1000 revolutions/minute
  Level 3: max.: 1900 revolutions/minute
- Idle speed impact rate: 0– 2350 revolutions/minute
- Ergonomic non-slip, rubberised grip
- Compact design
- Machine head made of die-cast aluminium - impact-resistant and durable
- Weight (without battery): 3.1 kg
- Electronic Management System (EMS) protects battery pack, extends service life and increases efficiency
- Vibration acceleration for screws a_h: 17.4 m/s^2
  Uncertainty: K=1.5 m/s^2
- Brushless DC motor (BLDC):
  – Longer service life, less wear, no need to change the carbon brushes
  – High efficiency and hence lower battery consumption – more compact motor enables smaller installation dimensions
- Maximum storage temperature: 50° C

HAZET-WERK – Hermann Zerver GmbH & Co. KG · 10 04 61 · 42804 Remscheid
Güldenwerther Bahnhofstrasse 25 – 29 · 42857 Remscheid · GERMANY

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- Charging temperature: 4 to 40° C
- Sound power level: 106.2 db(A) Lp W
- Output: 20 3/4"
- Dimensions: 209 mm x 98 mm x 243 mm
- Operating temperature range: -10°C – 40°C
- For impact operation
- Loosening torque maximum [Nm]: 2100 Nm
- Sound pressure level: 98.2 dB(A) Lp A

Do you know – Li-Ion batteries:

- Do not have any memory effect
- Consist of cells with 3.6 V each
- After full charge they have a higher voltage than 3.6 V i.e. 5 cells each 3.6 V = 18 V – **but** after full charge a peak voltage of up to 20 V is possible
  Attention: For a longer lifetime of the battery please store it charged up to 50 to 80 % only
- Have an energy density which is twice as high as nickel cadmium batteries, for example
- Have a nominal voltage three times higher than a nickel metal hydride battery
- Require multiple complete charging cycles to reach full capacity

Order Number	9513-2100