

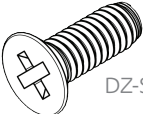

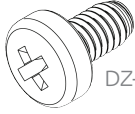
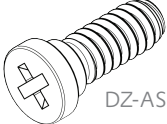
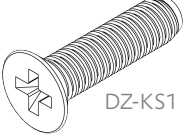
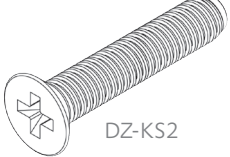


Thread-forming screws – applications, maximum torque moment, assembly instructions.

Inotec electronics primarily uses thread-forming screws for the assembly of die-cast zinc hoods and zinc accessories.

This technology provides maximum tightening/untightening torque and ensures a durable, temperature- and vibration-resistant fixation.

All screws mentioned below dispose of a **cross-slotted PZ1** drive.

Article number and designation	Applications	Max. Tightening	Scale approx. 2:1
DZ-SS1 Countersunk head screw M2,5x7 mm	Cover screw for the series M1, M2, M3 and M5, MS, MSB, M11 and MSR/MRR	0,50 Nm	 DZ-SS1
DZ-SS3 Countersunk head screw M2,5x6 mm	Cover screw for the series MSBS and M30	0,45 Nm	 DZ-SS3
DZ-ES1 Raised countersunk head screw M2,5x4,5	Grounding screw for all hood series	0,50 Nm	 DZ-ES1
DZ-AS1 Shouldered screw 4-40 UNCx7,5	Fastening screw for sliding part slide-lock / automatic slide-lock for the series M1, M2 and M3	0,60 Nm	 DZ-AS1
DZ-KS1 Countersunk head screw M2,5x10 mm	Cable clamps DKS100, 107, 207 and 300	0,40 Nm	 DZ-KS1
DZ-KS2 Countersunk head screw M2,5x16 mm	Cable clamp DKS200	0,40 Nm	 DZ-KS2

Assembly instructions:

- Threadforming screws must be set under pre-load (axial pressure on the screwhead).
- In case of a **manual setting**, maximum depth is reached when the screwhead flushes with the seating area and the tightening torque increases significantly.
- If screws are set with an **electric or pneumatic device**, the torque limiter must be pre-set to the indicated max. tightening torque. This will eliminate the risk of overwinding the screw.
- Indicated maximum tightening torque is valid for initial setting (thread forming) as well as for repeated assembly.