

## **EJOT DELTAsert®**

The alternative to conventional insert applications

The new <u>EJOT DELTAsert</u>® made of aluminium permits a reliable assembly into highly loaded thermoplastic components, which was only possible with pre or post moulded inserts before. However the recent demand for further cost and weight savings calls for new fastening solutions.

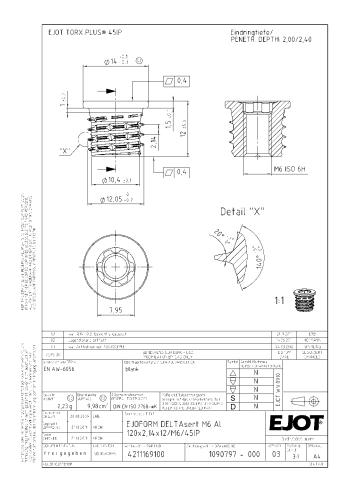
The EJOT ALtracs® screw can be fastened as a selftapping screw into the EJOT DELTAsert® or as traditionel version with an M6 innertherad and a metric screw. An easy and process capable assembly is therefore guaranteed.

## The advantages of the EJOT DELTAsert® 60:

- easy screw installation
- weight reduction
- high pull-out force
- high break loose torque
- also useable with thermosets
- short assembly time

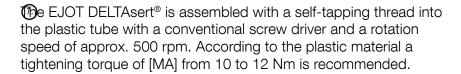


EJOT DELTAsert® 60 for self-tapping EJOT ALtracs® screws





Self-tapping assembly





Tor this the EJOT® DELTAsert is attached to the TORXplus® bit with guiding pin (45IP). This can be done manually or also with the respective feeding unit. The guiding pin enables the axial fastening of the EJOT DELTAsert® into the boss.



After installation an immediate further processing is possible. There are no holding times for cooling down to the final strength necessary. Floating, as necessary with the usual ultrasound assembly, is not necessary with this process.



(A)e subsequent assembly of the clamping part with the EJOT ALtracs® 60 screw is also a self-tapping process. The tightening torque is recommended at approx. 12 Nm depending on the screw surface and the clamping part.



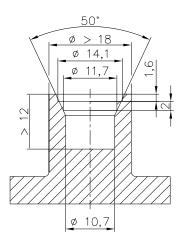
After fastening, this detachable direct assembly for highly loaded plastic components is ready for further usage right away.



\*(Of course also available with metric M6 screw)







Design recommendation EJOT DELTAsert® 60 Hole diameter adjusted to PA6 GF30



Assembly Process