

EJOT® EPPsys D

Secure Fastening solution for foamed components

The EJOT[®] EPPsys (EPP System) has been developed to fasten parts to foamed components, especially EPP (expanded polypropylene).

EJOT® EPPsys D

The EPPsys D screw (**d**irect assembly) is a fastening element, which can be directly screwed into the foam, without the need for a pilot hole.



EJOT® EPPsys D Advantages

- Special EJOT thread for EPP foams
- No need for a pilot hole, means no hole overlap problems
- High process reliability due to large margin between installation and stripping torque
- High axial load capacity when fastened
- Weight savings due to the used plastic material
- Manual, semi-automatic and fully automatic assembly possible

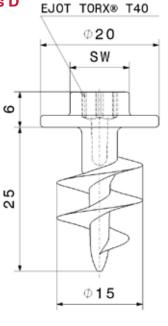
Technical data EJOT® EPPsys D 15x25

Thread exterior-Ø					
Thread length					
Head-Ø					
Head height					
Internal drive					
External drive					
Material					
Colour					

15 mm 25 mm 20 mm 6 mm EJOT TORX® T40 Hexagon head A/F 10 PA6 GF30 schwarz

Installation instruction and performance features EJOT® EPPsys D Screwdriver speed n = 500 1/min

Material		tightening torque	installation torque	stripping torque	axial pull-out load
	[g/l]	М _т [Nm]	T _i [Nm]	T _s [Nm]	F _P [N]
EPP	30	0.75	0.5	1	100
EPP	35	0.85	0.6	1.1	120
EPP	40	1.05	0.6	1.5	180
EPP	60	1.5	0.7	2.3	350
EPP	80	2	0.9	3	450
EPP	100	2.2	1	3.4	500
EPP	120	2.5	1.2	3.8	550
EPP	140	2.7	1.5	4	550
EPP	160	3	1.6	4.4	600
EPP	180	3.4	1.8	5	600



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