

hexagon socket  
grub screw  
M6 x 8  
max. torque 1.5Nm \*\*\*

Tighten with moderate force

P1: current  
approaching side

this end of the core should touch the  
internal wall of the clamp when closing the  
sensor, and while tightening the screw


the cable compartement / outlet  
may be elongated up to 6 o'clock,  
due to technical processes

due to its flexible core and  
mechanical production the core may become oval; it is  
possible to carefully bend  
into circular form again

- \* inner diameter should at least be 40
- \*\* measured at any angle the outer diameter should not exceed 75 (excluding butterfly screw)
- \*\*\* optimal torque is 1.0Nm, maximal torque is 1.5Nm; this screw is tightened before final measurements with a torque screw driver

Flexible Split Core Low Voltage Current Sensor  
for retrofit cable/ busbar installation  
IEC 61869-1, IEC 61869-10  
BECO Shape TE (ID 40)  
BIL: 0.72 / 3 / - kV

respective product code:  
LxxxTE  
historic: LxxxT

Departement R&D	Technical reference BECO Shape TE	Created by Markus Hollenstein 6/1/2026	Approved by Daniel Manninger 6/1/2026
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