

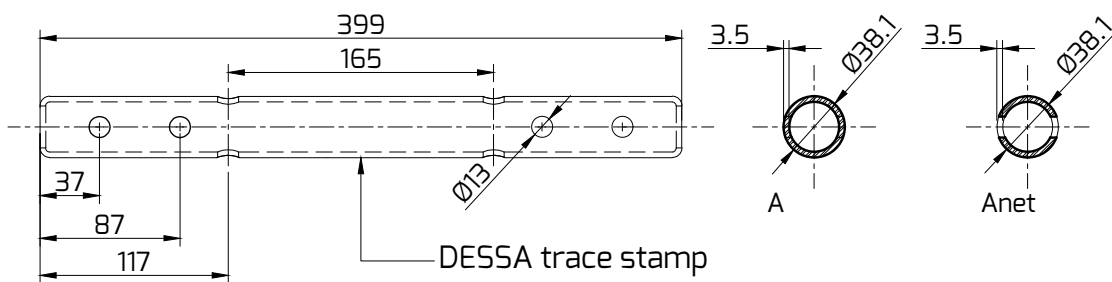
# TECHNICAL INFORMATION

## BEAM SPIGOT BS0012

TIS17017-



### PRODUCT DIMENSIONS



ARTICLE	DESCRIPTION	WEIGHT (kg)	SECTION PROPERTIES	MATERIAL
BS0012	S45/L45 Beam spigot 6HS	1.19	D = 38.10 mm T = 3.50 mm A = 380.45 mm <sup>2</sup> A <sub>net</sub> = 287.13 mm <sup>2</sup>	S355 steel  F <sub>y</sub> = 355 N/mm <sup>2</sup> F <sub>u</sub> = 510 N/mm <sup>2</sup> E = 210000 N/mm <sup>2</sup>

LOADING	PERMISSIBLE LOAD
Tension*	<b>81.85 kN</b>
Bending	<b>0.90 kNm</b>
Shear (single)	<b>30.09 kN</b>

USED WITH
S45 AND L45 ALLOY BEAMS

\*Assuming a 3 pin connection per side of spigot.

The information provided is based on prevailing legislation and/or testing. DESSA Ltd reserves the right to make technical changes, users should ensure that only current revisions of this Technical Information Sheet are used. The published data refers to original genuine DESSA materials only. © DESSA Limited. No unauthorised use, copy or disclosure is to be made.