

System Solutions

TSS Spindle

Setting system for sandwich structures



TSS Spindle

+ Model TSS Spindle as robot integrated system or stationary assembly cell for joining with lightweight materials

Features

- + The installation of the plastic dome in lightweight materials is possible with or without pre-hole
- + Individually adjustable process parameters
- + Feasibility study and check of done connections at the WEBER laboratory
- + Prozess result in a high resolution
- + For tasks with one side accessibility
- + Higher transmissible torque and pull out forces than with existing (known) joining components

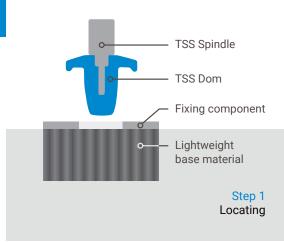
Applications

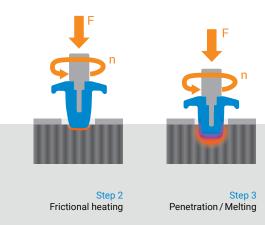
- + System for the installation of plastic doms with thermal adhesive bond for save joinings in lightweight materials
- + To use with:

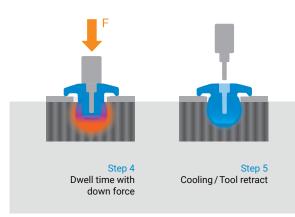
 Laminar structure (sandwich panels or Honeycombs)

 Fiber composites (carbon or glass)

 Partical composite material







Technical data

TSS	
System size [mm] L x B x H	630 x 160 x 183
Weight [kg]	apporx. 13
EC - power drive [U/min]	up to 5.000
Max. pressure Spindle [N]	800
Cycle time (without cooling) [s]	from 3

