



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 domes 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]	approx. 13
EC - power drive [U/min]	up to 5.000
Max. pressure Spindle [N]	800
Cycle time (without cooling) [s]	from 3

