

SMT- table plate module size S, SL, M, L

Temputec plates for special working benches for application with own bases or frames. SMT standard versions are full metal system plates. Full metal versions enabling the usage of SMT plates especially as base for fixtures which easily can be modified with even threaded bores. Other work surface materials are available on request, especially also for the handling of chemicals.

| Description | SMT 16 S | SMT 16 SL | SMT 16 M | SMT 16 L |
|----------------------------------|------------------------|-----------------|-----------------|-----------------|
| Type-no: | 103002 | 103005 | 103008 | 103011 |
| Tabletop demisions | 1480 x 980(mm) | 1980 x 980(mm) | 2480 x 1230(mm) | 2980 x 1480(mm) |
| Height of table plate dually | 16mm | 16mm | 16mm | 16mm |
| Height of table plate optionally | 12mm or 20mm available | | | |
| Material of Tabletop | see table below | see table below | see table below | see table below |
| Max. load: | 2000 kg | 2000 kg | 2000 kg | 2000 kg |
| Net weight: | 212kg | 281kg | 428kg | 615kg |



Image: for example SMT 16 S

Work plates

Description



Tabletop build as a dual plate system with upper plate, lower plate and support construction of 2 beams lengthwise and 3 cross (4 across size L) beams achieving flatness acc. workstandard WN5110000 in dependance upon DIN ISO 2768-2. The dual plate design enables the use of different surface materials which can be chosen in accordance with the working task (see table materials). In standard top plate is made from material S355 (lower plate standard S235). Due to the use of two 8mm plates in dual design the optimal thickness of the top plate is 16mm. Strongest version is 20mm. Other plate thickness options or special plates, such as roller or ball plates, are available upon request.

| Material of top of table plate | Opt. material description | Tensile strength MPa | Hardness HV (HBa) |
|--|--|----------------------|-------------------|
| Regular steel ST52 | S355, 1.0976 | Rm 430-550 | ca. 175 (128-163) |
| Higher strength steel ST70 | S700, 1.8974 | Rm 780-950 | ca. 265 (220-280) |
| Stainless steel | 304, 1.4301,Niro | Rm 500-700 | ca. 205 (150-200) |
| Other materials for special requirements | For example: Aluminium, electrical insulating Materials for electrical installations | | |

Plate support construction

Description



Image: size S, SL, M

The dually built table plate gets completed with a robust plate integrated support construction, which ensures optimal flatness to of the top plate even with load up to 2000kg. At the other hand the plate support construction is leading the forces created by the load into the table base.

The plate support construction of standard models is performed with 2 rails 10mm lengthwise and 3 (sizes S, SL, M) or even 4 (size L) 8mm integrated crossrails. The tables base can be mounted at the joints of the support rails. All parts of the table base are longlife coated in black RAL 9005 (Powder or KTL).



Image: size L