

Special multi purpose worktable - Size S

Special working bench for multiple application due to different options of surface materials. The metal tabletop also enables implementation the threaded holes to mount various fixtures, small working devices or even entire clamping systems.

Examples of use:

- Machine building** –Table for treatment of single machine parts, assembling bench
- Toolshop or Repair** – For treatment of heavy tool parts during adaption or assembling
- Gen. Industrie** - Multi purpose working bench in maintenance departments
- Steel works** – Classical table for steelworks as well as welding

| | |
|----------------------|-----------------|
| Tabletop demisions | 1480mm x 980mm |
| Height of table | 800mm |
| Material of Tabletop | See Table below |
| Table plate height | 16mm dual |
| Max. load | 2000 kg |
| Net weight | 314 kg |



Image: SMT 80/16 S

Tabletop



Description

Tabletop build as a dual plate system with upper plate, lower plate and support construction of 2 beams lengthwise and 3 cross 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 plate of tabletop | Opt. material description | Tensile strenght MPa | Hardness HV / (HBa) | Type description | Type-no. |
|--|--|----------------------|---------------------|------------------|----------|
| Regular steel ST52 | S355, 1.0976 | Rm 430-550 | ca. 175 (128-163) | SMT 80/16 S | 100101 |
| Higher strenght steel ST70 | S700, 1.8974 | Rm 780-950 | ca. 265 (220-280) | SMT 80/16 S ST70 | 100110 |
| Stainless steel, VA | 304, 1.4301, Niro | Rm 500-700 | ca. 205 (150-200) | SMT 80/16 S VA | 100125 |
| Other materials for special requirements | For example: Aluminium, electrical insolutating Materials for electrical installations | | | | |

Table base



Description

Robust steel table base with 4 table-legs made from 8mm steel. Each table-leg is equipped with a levelling feet providing the opportunity to adjust floor deviations of up to 50mm at place of use. Cross beams are mounted at the lower third of the table-legs to achive optimal stiffness of the table system. The cross beams are designed also to carry a storage bottom as well as other storage facilities on request. The table legs covering a square of (1240x740)mm providing an optimal foot space for the operator at the working place. All parts of the table base are longlife coated in black RAL9005 (Powder or KTL). All table base also are available as single units for many other customer purposes.