

**Special worktable for clamping tasks - Size S**

Special working bench with a Ø28mm hole grid and side panels enabling the usage of various Ø28 tools for clamping of parts for treatment, preadjust steel constructions before welding and may fix small machining devices or tools to the plate as well as preset clamping fixtures. The additional clamping options at the side panels can be used to enlarge the table square by using vertical angles. Also side stops can be set at the side panels as well as vertical clamping of products and fixtures.

**Examples of use:**

- Metal works** - 3D-Welding table for clamping single pieces to welding constructions
- Woodworks** – Clamping of wood constructions for gluing
- Machine building** –Table for treatment of single machine parts with clamping functions
- Toolshop or Repair** – Securing of toolparts before treatment or transportation within shop
- Gen. Industrie** - Carrier for all kind of small fixtures or multi purpose working bench in maintenance

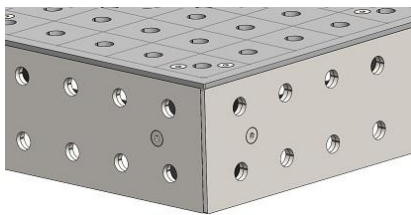
|                               |                 |
|-------------------------------|-----------------|
| Tabletop dimensions           | 1450mm x 950mm  |
| Height of side panel          | 200mm           |
| Height of table               | 800mm           |
| Diameter of holes at tabletop | Ø 28mm          |
| Hole grid                     | 100mm x 100mm   |
| Material of tabletop          | See table below |
| Table plate height            | 16mm dual       |
| Max. load                     | 2000 kg         |
| Net weight                    | 332 kg          |



image : SWT 80/16 S - 200

**Tabletop**

**Description**



Tabletop built 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 dependence upon DIN ISO 2768-2. The 4-side 200mm side panels with hold grid enables the setting of stops, vertical clamping or table square enlargement due to the use of sidly mounted vertical angles. 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). The surface is carrying a Ø28mm hole grid 100x100mm which allows the usage of various clamping tools (available clamping tools can be selected in our website [www.tempotec.de](http://www.tempotec.de)). At the top plate surface also a line grid is engraved in order to assist visual orientation. Due to the use of two 8mm plates in dual design the optimal thickness of the top plate is 16mm.

| Material of top plate of table top       | Opt. material description  | Tensile strength MPa | Hardness HV / (HBa) | Type description     | Type no. |
|--|--|----------------------|---------------------|----------------------|----------|
| Regular steel ST52                       | S355, 1.0976   | Rm 430-550           | ca. 175 (128-163)   | SWT 80/16 S-200      | 100328   |
| Higher strength steel ST70               | S700, 1.8974   | Rm 780-950           | ca. 265 (220-280)   | SWT 80/16 S-200 ST70 | 100331   |
| Stainless steel                          | 304,1.4301, Niro   | Rm 500-700           | ca. 205 (150-200)   | SWT 80/16 S-200 VA   | 100334   |
| Other materials for special requirements | For example: Aluminium, electrical insulating 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 achieve 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.