DIN RAIL
Cutting and Punching Tools

- Portable tools
- Bench-mounted tools
- Hydraulic tools
- Pneumatic tools
PSG series multi-profile cutting and punching tools

The PSG series provide in one single, bench-mounted machine, the most efficient solution for cutting (and punching - PSG 5+ models) all four types of common DIN rails, without changing dies.

Features and specifications:

- Lower force application due to improved force transmission
  - Cuts profile and ground rails precisely and without effort
- Guide plate to facilitate insertion and to provide support for the profiles
- Burr-free cutting to length without waste
- Low maintenance tools
- Re-grindable shear plate; replaceable punch
- 1000mm handle (manual models only)
- Laser-engraved rail guide with mm and inch scaling and end stop
- PSG tools are easily installed on a workbench
- Custom tools for non-standard profiles, as well as special punching dies are available upon request

510.501 (PSG 5+ G)

- Cuts and punches TS35, TS35C and TS32 rails in two sequential operations: a 6.4x12mm hole can be punched in any position on the axis of the rail, and even transversally at the end of the rail
- Cuts TS15 DIN rail
- Cuts 10x3mm grounding copper bars

510.510 (PSG Duo)

- The smallest PSG tool
- Cuts TS35 35x7.5mm, TS35C 35x15mm DIN rails

510.520 (PSG 4 Special)

- Cuts High-Rise Aluminum rail
- Cuts TS35 35x7.5mm, TS35C 35x15mm DIN rails

510.571 (PSG 5+ Hydraulic)

- Cuts and punches TS35, TS35C and TS32 rails in two sequential operations: a 6.4x12mm hole can be punched in any position on the axis of the rail, and even transversally at the end of the rail
- Cuts TS15 DIN rail
- Cuts 10x3mm grounding copper bars
- Similar to the 510.501, but the handle has been replaced by a hydraulic cylinder for fast, effortless operation
- No force transmitted to the bench; this model can be installed on any table, without bolts
- Separate hydraulic pump required
PSG Multi-profile DIN Rail Cutting Tools (Order by Part No.)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description/model</th>
<th>Dimensions</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>510.501</td>
<td>PSG 5+ G</td>
<td>Multi-profile DIN cutting and punching tool; TS35/TS35C/TS15/TS32 and 10x3mm copper bars</td>
<td>~180x180x280mm</td>
<td>18</td>
</tr>
<tr>
<td>510.510</td>
<td>PSG Duo</td>
<td>2 profile DIN cutting tool; TS35/TS35C</td>
<td>~140x180x280mm</td>
<td>10</td>
</tr>
<tr>
<td>510.520</td>
<td>PSG 4 Special</td>
<td>3 profile DIN cutting tool; TS35/TS35C and High Rise AL</td>
<td>~140x180x280mm</td>
<td>16.5</td>
</tr>
<tr>
<td>510.571</td>
<td>PSG 5+ H</td>
<td>Hydraulic multi-profile DIN cutting and punching tool; TS35/TS35C/TS15/TS32 and 10x3mm copper bars</td>
<td>~180x180x365mm</td>
<td>23</td>
</tr>
</tbody>
</table>

Dimensions in mm. are approximate and do not include the handle or the rail guide.
Contact ITC for replacement parts and custom specifications.
Information subject to change without notice.
GH heavy-duty, high production DIN Rail cutting and punching tools

GH3 series tools are extremely sturdy, professional bench mounted DIN cutters / punchers. They are available in two versions:

- GH3-M - Manual version
- GH3-P - Pneumatic version

These machines provide the fastest operation available amongst the models offered by ITC. All models can cut and punch selected rails in one operation only. Of course, cutting only, punching only, or punching one side only is also possible. Operation of either models is extremely simple and safe.

Each machine is supplied with:

- One cutting blade L33
- Two standard slot punching dies P33 (6.5x13mm)
- 1m long rail guide with end stop
- One pair of rail cutting dies (to be specified when ordering, among the standard models available - see the table below)
- Instruction manual and set of Allen keys

Notes:

- Additional cutting dies must be ordered separately
- Special cutting dies for different profiles, as well as different punching dies, are available upon special order
- The manual model GH3-M is bench mounted and equipped with a 1m long lever for effortless operation
- The pneumatic model GH3-P is supplied with a sturdy metal stand and foot-switch

Heavy-duty DIN Rail Cutters (Order by Part No.)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>510.300</td>
<td>GH3-M</td>
<td>Manual heavy-duty cutter/puncher</td>
<td>18,000</td>
</tr>
<tr>
<td>510.320</td>
<td>GH3-P</td>
<td>Pneumatic heavy-duty cutter/puncher</td>
<td>110,000</td>
</tr>
<tr>
<td>510.351</td>
<td>M31</td>
<td>Cutting die set for TS32 rail (111.001)</td>
<td>1,000</td>
</tr>
<tr>
<td>510.352</td>
<td>M32</td>
<td>Cutting die set for TS35 rail (111.013)</td>
<td>1,000</td>
</tr>
<tr>
<td>510.353</td>
<td>M33</td>
<td>Cutting die set for TS35C rail (111.021)</td>
<td>1,000</td>
</tr>
<tr>
<td>510.354</td>
<td>M34</td>
<td>Cutting die set for TS35I rail - GH3E / P only (111.031)</td>
<td>1,600</td>
</tr>
<tr>
<td>510.355</td>
<td>M35</td>
<td>Cutting die set for TS15 rail (111.016)</td>
<td>850</td>
</tr>
<tr>
<td>510.361</td>
<td>RA2</td>
<td>Rail-guide with end stop</td>
<td>5,000</td>
</tr>
<tr>
<td>510.371</td>
<td>L33</td>
<td>Replacement cutting blade L33</td>
<td>330</td>
</tr>
<tr>
<td>510.372</td>
<td>P33</td>
<td>Replacement punch set</td>
<td>500</td>
</tr>
</tbody>
</table>

Dimensions in mm. are approximate and do not include the handle or the rail guide
Information subject to change without notice
GH3 die sets, blade and punches
DRCP universal bench-mounted cutting and punching tool

The DRCP tool provides excellent value in one single, bench-mounted machine that cuts the five types of common DIN rails and punches 4 types of DIN rails, without changing dies.

Features and Specifications:

- **Cuts and punches:**
  - TS35 rail (35x7.3mm standard symmetric rail)
  - TS35C rail (35mm heavy duty symmetric)
  - TS32 rail (32mm Asymmetric)
  - TS35G rail (35x15mm symmetric reinforced steel or aluminum)
- **Also cuts:**
  - TS15 (15x5.5mm miniature rail)
  - 6mm (~1/4") steel rods, threaded or unthreaded
- **Punches an oblong hole** 8.8x5mm (0.35"x0.20") in either direction on the axis of the rail
- **Accessories included:**
  - 1m. ruler - End Stop - 730mm (~28")
  - High leverage handle
- **Dimensions:**
  - Length: 1110mm (~ 44")
  - Width: 140mm (~ 5 ½")
  - Height (without lever): 162mm (~ 6 ½")
- **Expected life:** at least 10,000 cuts in normal steel

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description/model</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>510.601</td>
<td>DRCP</td>
<td>DIN rail cutting tool complete with dies, ruler, handle and end stop</td>
<td>11,000</td>
</tr>
</tbody>
</table>

Replacement parts available from ITC
Information subject to change without notice
Handy-Cut series - portable DIN Rail cutting tools

Tools designed and priced for the small panel builder and contractor.

The Handy-Cut are compact, fully portable tools (weight 2.5-4.6 kg / 6-10 lbs.) which cleanly cut DIN rails. With their two handles, there is no need to bench-mount these tools - cutting requires minimal effort.

Features and specifications:

- **Material:** Steel. Cutting dies in tempered, tool quality steel
- **Expected life:** at least 7,500 cuts in normal steel

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
<th>Dimensions (approx. mm)</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>510.801</td>
<td>30 002</td>
<td>Handy-Cut portable DIN Rail cutting tool for TS35 35x7.5mm rail</td>
<td>L= 360</td>
<td>2,600</td>
</tr>
<tr>
<td>510.802</td>
<td>30 002RG</td>
<td>Optional rail-guide with end stop for Handy-Cut tools 510.801 and 510.811</td>
<td>L= 500</td>
<td>1,400</td>
</tr>
<tr>
<td>510.811</td>
<td>30 003</td>
<td>Handy-Cut portable DIN Rail cutting tool for TS15 15x5.5mm rail</td>
<td>L= 360</td>
<td>2,600</td>
</tr>
<tr>
<td>510.821</td>
<td>30 004</td>
<td>Handy-Cut portable DIN Rail cutting tool for TS35C 35x15mm rail</td>
<td>L=605</td>
<td>4,500</td>
</tr>
</tbody>
</table>

Replacement parts available from ITC

Information subject to change without notice

Warranty information

All ITC DIN Rail cutters are covered by a limited warranty of 1 year on all manufacturer defects.
# DIN-Rail Cutting Tools Selection Guide

<table>
<thead>
<tr>
<th>Cutter</th>
<th>TS35 35x7.5x1*</th>
<th>TS35C 35x15x1.5</th>
<th>TS32 32x15x1.5</th>
<th>TS15 15x5x1</th>
<th>Other Profiles</th>
<th>Punches</th>
<th>Operation</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>510.501</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Cu bars 10x3mm</td>
<td>12X6.4</td>
<td>manual</td>
<td></td>
</tr>
<tr>
<td>510.510</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>Cu bars 10x3mm</td>
<td></td>
<td>manual</td>
<td></td>
</tr>
<tr>
<td>510.520</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td>high rise aluminum rail</td>
<td>manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>510.571</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Cu bars 10x3mm</td>
<td>12X6.4</td>
<td>hydraulic with hydraulic cylinder</td>
<td></td>
</tr>
<tr>
<td>510.801</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>manual</td>
<td>portable</td>
</tr>
<tr>
<td>510.821</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>manual</td>
<td>portable</td>
</tr>
<tr>
<td>510.811</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>manual</td>
<td>portable</td>
</tr>
<tr>
<td>510.601</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>8.8x5 either direction</td>
<td>manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>510.300</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>TS35I C 30x15x1.5 C 20x14x1.5</td>
<td>13x6.5 custom</td>
<td>manual</td>
<td></td>
</tr>
<tr>
<td>510.320</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>TS35I C 30x15x1.5 C 20x14x1.5 Schneider AM1 ED200 &amp; ED201 ALU DIN</td>
<td>13x6.5 custom</td>
<td>pneumatic</td>
<td></td>
</tr>
</tbody>
</table>

*not aluminum 111.033; Information subject to change without notice - All dimensions in mm except where noted*