Description

Drawbar eye 50 type **57244** is approved:
- for direct mounting on frame parts of a trailer
- for mounting on drawbar shafts
- for combination with trailer couplings DIN 74052, class C 50 CE or other suitable trailer couplings

Drawbar eye 50 type 57244 shows the same connecting dimensions as drawbar eye 57243, 40 mm, class S CE and drawbar eye 57233, 40 mm, for agriculture

Drawbar eye exists in the following versions:

- **57244 e1 00-0045**
  Drawbar eye 50 without plate and bolts with 8-hole pattern
- **57350** (type 57244 vers. A, ABG no. M 2918, values s. p. 2, only for existing systems in case of spare parts replacement)
  Drawbar eye 50 without plate and bolts with 6-hole pattern

Drawbar eye type 57244 is usable for

- **central-axle trailers** with following values:
  - Dc: 135 kN
  - vertical load: 1000 kg
  - V: 72,5 kN
    or
  - Dc: 113 kN
  - vertical load: 2500 kg
  - V: 43,2 kN
- **full trailers** up to a D-value of 190 kN

Accessoires for drawbar eyes

Set of bolts (grade 10.9)
- for 57350 part no. 70951
- for 57244 part no. 70950

Plates (for both versions)
- plate for welding (162 x 162 x 30): part no. 70304
- plate for bolting (200 x 185 x 30): part no. 70305
- plate for bolting (270 x 240 x 30): part no. 70306

Note:
Not part of the delivery extent of the drawbar eye, but part of the homologation of the drawbar itself.
Welding at the drawbar is not permitted!
The fastening bolts M 16 grade 10.9 are to be screwed with a tightening torque of 295 Nm over the crossing.

Check:
During the maintenance procedure the fastening bolts should be tested with the corresponding tightening torque key.
In case they move, it is necessary to replace them but not to screw them once again.
Drawbar eye D 50-X with flange
RO*57244 e1 00-0045, class D 50-X (shape C)

<table>
<thead>
<tr>
<th>part no.</th>
<th>accessoires</th>
<th>maximum D-value (kN)</th>
<th>CENTRAL AXLE TRAILER maximum static vertical load (kg)</th>
<th>maximum V-value (kN)</th>
<th>weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>57244</td>
<td>without bolts and plate 190</td>
<td>135</td>
<td>1000</td>
<td>72,5</td>
<td>9,5</td>
</tr>
<tr>
<td></td>
<td>or 113</td>
<td>2500</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

57350 ABG no. M 2918, only for existing systems in case of spare parts replacement
max. D-value: 190 kN
max. static vertical load: 1000 kg
max. total weight of the central-axle trailer 25000 kg
calculation of the D-, Dc-, V-value see list E

hole pattern 57244

Accessoires

<table>
<thead>
<tr>
<th>no.</th>
<th>designation</th>
<th>pcs</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>plate for welding (162x162x30)*</td>
<td>1</td>
<td>70304</td>
</tr>
<tr>
<td>5</td>
<td>plate for bolting (200x185x30)*</td>
<td>1</td>
<td>70305</td>
</tr>
<tr>
<td>6</td>
<td>plate for bolting (270x240x30)*</td>
<td>1</td>
<td>70306</td>
</tr>
</tbody>
</table>

Note:
Please comply with the following:
- applicable national regulations
- vehicle manufacturer's specifications

* Not part of the delivery extent of the drawbar eye, but part of the homologation of the drawbar itself.