



# Tread 02

## Stainless steel grade 1.4301 (304)

Classified in the highest anti-slip class R13 according to DIN 51130. Upwards punched holes and downwards drain holes ensure drainage of liquids so that the surface is dry and non-slip. The tread comes with bolt holes in end pieces for mounting on the stringers.



### Specifications

|                         |                                        |
|-------------------------|----------------------------------------|
| PTV guidelines          | 36+ Low Slip Potential acc. to BS 7976 |
| Dry PTV average         | 66 multi-directional acc. to BS 7976   |
| Wet PTV average         | 50 multi-directional acc. to BS 7976   |
| Slip resistance         | R13 = slope >35° acc. to DIN 51130     |
| Free area               | 20-25 %                                |
| Upward grip holes       | dia. 9 mm                              |
| Downward drainage holes | dia. 5 mm                              |
| C-C grid                | 25 x 25 mm                             |

### Suitable application areas

Straight staircases

Related products

Plank O2

Plank Grating O2

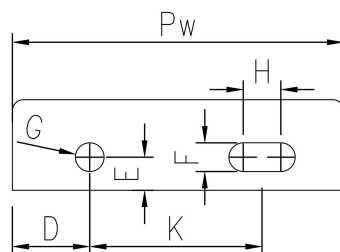
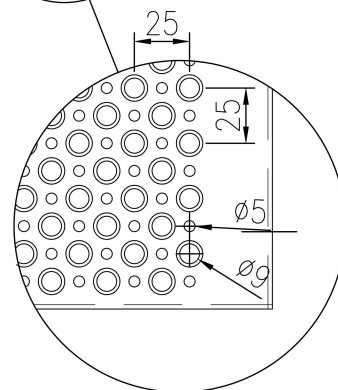
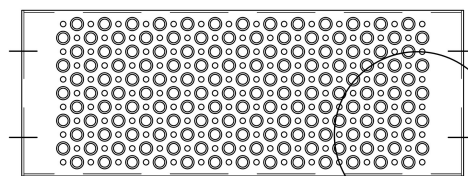
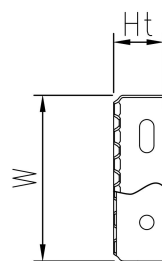
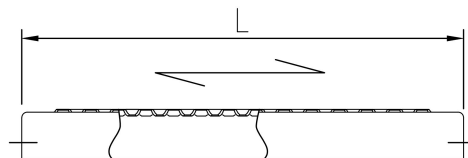
Standard dimensions

| Length<br>(mm) | Width<br>(mm) | Height<br>(mm) | Thickness<br>(mm) | Finish           | Weight<br>(kg) | Availability | Item No.   |
|----------------|---------------|----------------|-------------------|------------------|----------------|--------------|------------|
| 400            | 150           | 33             | 2                 | Mill Finish      | 1.20           |              | F120004100 |
| 400            | 150           | 33             | 2                 | Pickled          | 1.20           |              | F120004140 |
| 400            | 150           | 33             | 2                 | Electro-polished | 1.20           |              | F120004142 |
| 500            | 150           | 33             | 2                 | Mill Finish      | 1.50           |              | F120014100 |
| 500            | 150           | 33             | 2                 | Pickled          | 1.50           |              | F120014140 |
| 500            | 150           | 33             | 2                 | Electro-polished | 1.50           |              | F120014142 |
| 600            | 150           | 33             | 2                 | Mill Finish      | 1.70           |              | F120024100 |
| 600            | 150           | 33             | 2                 | Pickled          | 1.70           |              | F120024140 |
| 600            | 150           | 33             | 2                 | Electro-polished | 1.70           |              | F120024142 |
| 700            | 150           | 33             | 2                 | Mill Finish      | 2.40           |              | F120034100 |
| 700            | 150           | 33             | 2                 | Pickled          | 2.40           |              | F120034140 |
| 700            | 150           | 33             | 2                 | Electro-polished | 2.40           |              | F120034142 |
| 600            | 150           | 45             | 2                 | Mill Finish      | 2.00           |              | F120044100 |
| 600            | 150           | 45             | 2                 | Pickled          | 2.00           |              | F120044140 |
| 600            | 150           | 45             | 2                 | Electro-polished | 2.00           |              | F120044142 |
| 700            | 150           | 45             | 2                 | Mill Finish      | 2.80           |              | F120054100 |
| 700            | 150           | 45             | 2                 | Pickled          | 2.80           |              | F120054140 |
| 700            | 150           | 45             | 2                 | Electro-polished | 2.80           |              | F120054142 |
| 800            | 150           | 45             | 2                 | Mill Finish      | 2.70           |              | F120064100 |
| 800            | 150           | 45             | 2                 | Pickled          | 2.70           |              | F120064140 |
| 800            | 150           | 45             | 2                 | Electro-polished | 2.70           |              | F120064142 |
| 1000           | 150           | 45             | 2                 | Mill Finish      | 4.70           |              | F120074100 |
| 1000           | 150           | 45             | 2                 | Pickled          | 4.70           |              | F120074140 |
| 1000           | 150           | 45             | 2                 | Electro-polished | 4.70           |              | F120074142 |
| 500            | 200           | 45             | 2                 | Mill Finish      | 2.10           |              | F120084100 |
| 500            | 200           | 45             | 2                 | Pickled          | 2.10           |              | F120084140 |
| 500            | 200           | 45             | 2                 | Electro-polished | 2.10           |              | F120084142 |
| 600            | 200           | 45             | 2                 | Mill Finish      | 2.40           |              | F120094100 |
| 600            | 200           | 45             | 2                 | Pickled          | 2.40           |              | F120094140 |
| 600            | 200           | 45             | 2                 | Electro-polished | 2.40           |              | F120094142 |
| 700            | 200           | 45             | 2                 | Mill Finish      | 2.80           |              | F120104100 |
| 700            | 200           | 45             | 2                 | Pickled          | 2.80           |              | F120104140 |
| 700            | 200           | 45             | 2                 | Electro-polished | 2.80           |              | F120104142 |
| 800            | 200           | 45             | 2                 | Mill Finish      | 3.20           |              | F120114100 |
| 800            | 200           | 45             | 2                 | Pickled          | 3.20           |              | F120114140 |
| 800            | 200           | 45             | 2                 | Electro-polished | 3.20           |              | F120114142 |
| 900            | 200           | 45             | 2                 | Mill Finish      | 4.90           |              | F120124100 |
| 900            | 200           | 45             | 2                 | Pickled          | 4.90           |              | F120124140 |
| 900            | 200           | 45             | 2                 | Electro-polished | 4.90           |              | F120124142 |
| 1000           | 200           | 45             | 2                 | Mill Finish      | 5.40           |              | F120134100 |
| 1000           | 200           | 45             | 2                 | Pickled          | 5.40           |              | F120134140 |
| 1000           | 200           | 45             | 2                 | Electro-polished | 5.40           |              | F120134142 |

|      |     |    |   |                  |      |            |            |
|------|-----|----|---|------------------|------|------------|------------|
| 600  | 225 | 45 | 2 | Mill Finish      | 2.70 | On request | F120144100 |
| 600  | 225 | 45 | 2 | Pickled          | 2.70 |            | F120144140 |
| 600  | 225 | 45 | 2 | Electro-polished | 2.70 |            | F120144142 |
| 700  | 225 | 45 | 2 | Mill Finish      | 3.20 |            | F120154100 |
| 700  | 225 | 45 | 2 | Pickled          | 3.20 |            | F120154140 |
| 700  | 225 | 45 | 2 | Electro-polished | 3.20 |            | F120154142 |
| 800  | 225 | 45 | 2 | Mill Finish      | 3.50 |            | F120164100 |
| 800  | 225 | 45 | 2 | Pickled          | 3.50 |            | F120164140 |
| 800  | 225 | 45 | 2 | Electro-polished | 3.50 |            | F120164142 |
| 900  | 225 | 45 | 2 | Mill Finish      | 5.30 |            | F120174100 |
| 900  | 225 | 45 | 2 | Pickled          | 5.30 |            | F120174140 |
| 900  | 225 | 45 | 2 | Electro-polished | 5.30 |            | F120174142 |
| 1000 | 225 | 45 | 2 | Mill Finish      | 5.70 |            | F120184100 |
| 1000 | 225 | 45 | 2 | Pickled          | 5.70 |            | F120184140 |
| 1000 | 225 | 45 | 2 | Electro-polished | 5.70 |            | F120184142 |
| 600  | 250 | 45 | 2 | Mill Finish      | 2.90 | On request | F120194100 |
| 600  | 250 | 45 | 2 | Pickled          | 2.90 |            | F120194140 |
| 600  | 250 | 45 | 2 | Electro-polished | 2.90 |            | F120194142 |
| 700  | 250 | 45 | 2 | Mill Finish      | 3.40 |            | F120204100 |
| 700  | 250 | 45 | 2 | Pickled          | 3.40 |            | F120204140 |
| 700  | 250 | 45 | 2 | Electro-polished | 3.40 |            | F120204142 |
| 800  | 250 | 45 | 2 | Mill Finish      | 3.80 | On request | F120214100 |
| 800  | 250 | 45 | 2 | Pickled          | 3.80 |            | F120214140 |
| 800  | 250 | 45 | 2 | Electro-polished | 3.80 |            | F120214142 |
| 900  | 250 | 45 | 2 | Mill Finish      | 5.40 |            | F120224100 |
| 900  | 250 | 45 | 2 | Pickled          | 5.40 |            | F120224140 |
| 900  | 250 | 45 | 2 | Electro-polished | 5.40 |            | F120224142 |
| 1000 | 250 | 45 | 2 | Mill Finish      | 6.00 |            | F120234100 |
| 1000 | 250 | 45 | 2 | Pickled          | 6.00 |            | F120234140 |
| 1000 | 250 | 45 | 2 | Electro-polished | 6.00 |            | F120234142 |
| 1200 | 250 | 45 | 2 | Mill Finish      | 8.30 |            | F120244100 |
| 1200 | 250 | 45 | 2 | Pickled          | 8.30 |            | F120244140 |
| 1200 | 250 | 45 | 2 | Electro-polished | 8.30 |            | F120244142 |
| 800  | 275 | 45 | 2 | Mill Finish      | 3.90 | On request | F120254100 |
| 800  | 275 | 45 | 2 | Pickled          | 3.90 |            | F120254140 |
| 800  | 275 | 45 | 2 | Electro-polished | 3.90 |            | F120254142 |
| 900  | 275 | 45 | 2 | Mill Finish      | 5.70 |            | F120264100 |
| 900  | 275 | 45 | 2 | Pickled          | 5.70 |            | F120264140 |
| 900  | 275 | 45 | 2 | Electro-polished | 5.70 |            | F120264142 |
| 1000 | 275 | 45 | 2 | Mill Finish      | 6.20 |            | F120274100 |
| 1000 | 275 | 45 | 2 | Pickled          | 6.20 |            | F120274140 |
| 1000 | 275 | 45 | 2 | Electro-polished | 6.20 |            | F120274142 |
| 800  | 300 | 45 | 2 | Mill Finish      | 4.20 |            | F120284100 |
| 800  | 300 | 45 | 2 | Pickled          | 4.20 |            | F120284140 |
| 800  | 300 | 45 | 2 | Electro-polished | 4.20 |            | F120284142 |
| 900  | 300 | 45 | 2 | Mill Finish      | 6.00 |            | F120294100 |
| 900  | 300 | 45 | 2 | Pickled          | 6.00 |            | F120294140 |
| 900  | 300 | 45 | 2 | Electro-polished | 6.00 |            | F120294142 |
| 1000 | 300 | 45 | 2 | Mill Finish      | 6.60 |            | F120304100 |
| 1000 | 300 | 45 | 2 | Pickled          | 6.60 |            | F120304140 |
| 1000 | 300 | 45 | 2 | Electro-polished | 6.60 |            | F120304142 |

End piece dimensions

| Width (Pw)<br>(mm) | Total height (Ht)<br>(mm) | D<br>(mm) | E<br>(mm) | F<br>(mm) | G<br>(mm) | H<br>(mm) | K<br>(mm) |
|--------------------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 150                |                           | 35        | 11        | 11        | 11        | 14        | 78        |
| 200                |                           | 45        | 15        | 13        | 13        | 17        | 102       |
| 225                |                           | 45        | 15        | 13        | 13        | 17        | 127       |
| 250                |                           | 50        | 15        | 13        | 13        | 17        | 142       |
| 275                |                           | 62        | 15        | 13        | 13        | 17        | 143       |
| 300                |                           | 50        | 15        | 13        | 13        | 17        | 192       |



Product name  
OPTIMO Tread O2