



Taurus sliding gate on rail

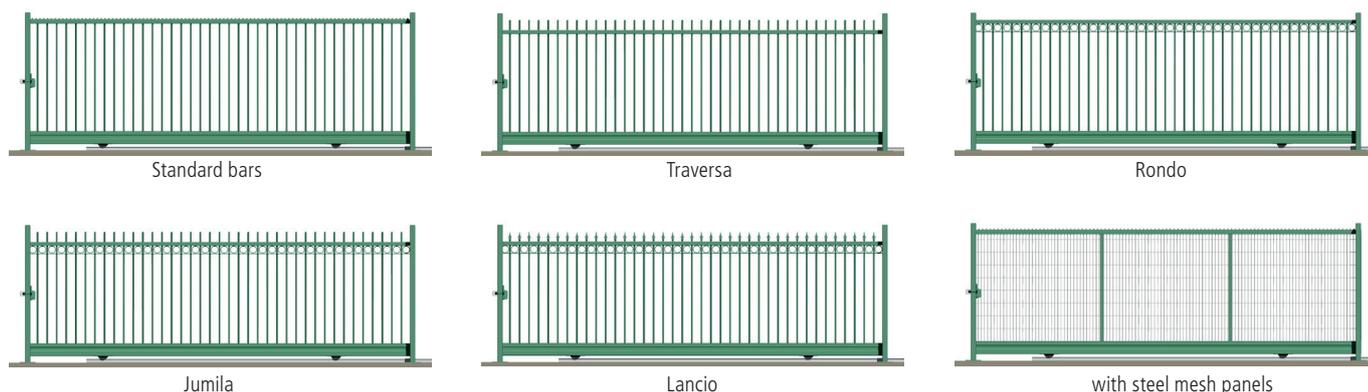
The Taurus sliding gate on rail from Kopal was designed for the professional closure of wider passages. The wing runs on two steel wheels over a rail that is embedded in the ground. The Taurus sliding gate has proven its solidity for years.

Due to the special shape of the lower beam, the entire wing gets an improved stiffness, both laterally and over the length of the wing. This makes the Taurus sliding gate on rail much stronger than other comparable sliding gates for passages up to 12 meters.

The Taurus sliding gate on rail is available in various versions, including:

- with standard round bars
- Traversa: round bars that cross the upper beam and are chamfered by 45° at the top
- Rondo: round bars with ornamental rings between the bars
- Jumila: a fusion of Traversa and Rondo
- Lancio: same as Jumila, but with ornamental spearheads instead of chamfered bars
- with steel mesh panels that are mounted in the frame

Taurus sliding gate



Construction

The Taurus sliding gate on rail has a lower beam made of galvanized steel of 200/100 mm. The frame is built from steel tubular profiles of 60/60 mm. The bars have a diameter of 22, 25 or 30 mm (depending on the gate height) and are placed at a distance of 150 mm a.o.a. In the **Traversa** version the bars extend through the upper beam and are chamfered by 45°. In the **Rondo** version ornamental rings are welded between the bars, bordered by a flat iron. **Jumila** is a combination of Traversa and Rondo, with bars that go through the upper beam and are bevelled 45° and ornamental rings welded between the bars. **Lancio** is very similar to Jumila, but with ornamental spearheads at the top of the bars. In the version with **welded steel mesh panels**, intermediate reinforcements have been inserted into the frame.

The gate wing is equipped with a butterfly lock with stainless steel cylinder and 3 keys. Two support wheels are provided for the guidance of the gate, which are built into the lower beam of the wing. The track of the gate is a steel rail type S7, which is poured into the concrete foundation. The ground clearance is about 6 cm.

Porches

Guidance porch and impact porch are made of tubular profiles of 80/80 mm on base plate for mounting on concrete foundation. The guidance porch has two support wheels in plastic at the top. The impact porch has a catch fork at the top.

Finish

Galvanized and finished with a polyester powder coating. Additional parts are made of aluminum or stainless steel. Available in the standard Kopal colours, other RAL colours are available as an option.

Remarks

For larger passages or for high wind loads it is advisable to provide a second guide porch at 1.20 m distance from the first. It is therefore also important to provide a longer gate wing.

Standard heights Taurus sliding gate on rail (m)

| | |
|-------|-------|
| 1.00 | 4.00 |
| 1.25 | 5.00 |
| 1.50 | 6.00 |
| 1.80 | 7.00 |
| 2.00 | 8.00 |
| 2.25* | 9.00 |
| 2.50 | 10.00 |
| | 11.00 |
| | 12.00 |

Standard passages Taurus sliding gate on rail (m)

| | |
|-------|-------|
| 1.00 | 4.00 |
| 1.25 | 5.00 |
| 1.50 | 6.00 |
| 1.80 | 7.00 |
| 2.00 | 8.00 |
| 2.25* | 9.00 |
| 2.50 | 10.00 |
| | 11.00 |
| | 12.00 |

* = not for Traversa, Rondo, Jumila and Lancio versions

| STANDARD COLOURS | RAL CODE | |
|--|------------|--|
| moss green | RAL 6005 | |
| pine green | RAL 6009 | |
| stone gray | RAL 7030 | |
| quartz gray | RAL 7039 | |
| anthracite gray | RAL 7016 | |
| pure white | RAL 9010 | |
| brilliant black | RAL 9005bl | |
| mat black | RAL 9005m | |
| Other colours on demand | | |
| Shown colours can differ from the true colours. Always use colour samples to choose your colour. | | |

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