

**Faber Metamatic**

# Faber Metamatic Monocommand

## Interior Venetian Blinds

### Materials and Construction

#### Head Rail:

Shall be a rolled U-shaped profile, top edges angled, serving as reinforcement for the profile. The profile to measure 61 x 62 mm. The material shall be either 0.5 mm steel or 1.0 mm aluminium. Before roll forming the material shall be chemically pretreated and stove-enamelled to obtain maximum adherence of the paint and resistance to corrosion.

The profile shall be constructed to carry the venetian blind slats, bottom rail, and to hold its lifting and tilting components.

#### Tiltrod Bearing:

Shall be made from self-lubricating plastics of high quality. The tiltrod bearing shall be a housing with separate division for spooling of the lifting tape and tilting of the ladderbraid. The housing shall hold a grooved pulley and tape roll made from high quality plastic.

#### Tiltor:

Shall be a gear box with a ratio of 1:3 containing conical wheels, made from specially hardened steel, and ball bearings. The tiltor can be positioned at any place in the head rail depending on the specific requirements.

#### Tiltrod:

Shall be of 7 mm hexagonal shape, measured across edges. The tiltrod shall be made from galvanized steel. Shall furthermore be furnished with an adjustable stop action to prevent the blind from overloading in either raised or lowered positions.

#### Slats:

Shall be of copper free, non corrosive aluminium alloy; width 50 mm; gauge 0.24 mm. Before profiling the material shall be chemically pretreated

and stove-enamelled to obtain maximum resistance to corrosion. The enamelled slats shall withstand a 100 hour salt spray test and a 100 hour humidity cabinet test as well as a 100 hour fade-o-meter test with no deterioration of paint. The paint shall be alkyd resin base to withstand exposure to strong sunlight.

#### Ladderbraids and Lifting Tapes:

Ladderbraids shall be made from terylene yarn. The distance between supporting web shall be 42 mm; horizontal distance between the ladders shall be 53 mm.

Lifting tapes shall be made from terylene yarn, dimension 7.3 x 0.3 mm.

Standard distance from slat end to first ladderbraid is 150 mm. Maximum distance between ladderbraids must not exceed 900 mm.

Number of Ladderbraids/Lifting Tapes:	
Blind Width	Minimum Number
600-1200	2
1201-2100	3
2101-3000	4
3001-3900	5
3901-4800	6
4801-5000	7

Number of Fixing Brackets:	
Blind Width	Fixing Brackets
600-1500	2
1501-2000	3
2001-3000	4
3001-4000	5
4001-5000	6

**Operation – Rod Control:**

The raising and lowering as well as tilting of the blind are achieved by means of a cardan joint and a nickel-plated collapsible handle.

Furthermore, if desired, the collapsible handle can be detached by use of a bayonet socket, Art. No. 2076577, placed between cardan joint and collapsible handle.

**Bottom Rail:**

Shall be made in two rolled, open profiles which shall be fitted together. The two profiles shall form a single bottom rail 43.5 mm wide and 18 mm high. The head and bottom profiles shall be made from 0.5 mm steel or 0.5 mm aluminium. Before roll forming the material shall be chemically pretreated and stove-enamelled to obtain maximum adherence of paint and resistance against corrosion.

The profiles shall be designed to contain the fixing components for the lifting tapes and ladderbraids.

**Fixing:**

There is a range of different types of fixing brackets made from galvanized steel, providing secure, easy, and quick mounting of the venetian blind. The following table shows the required number of fixing brackets.

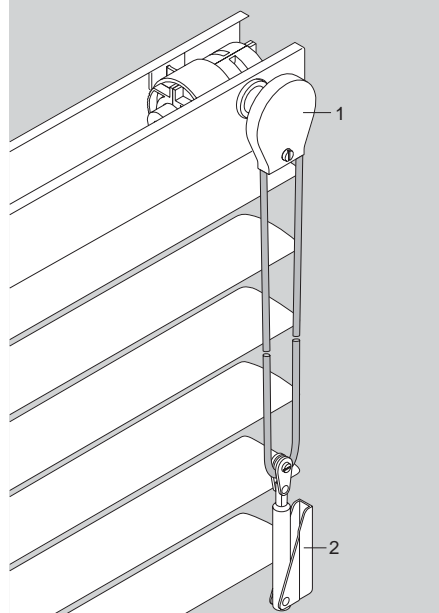
Number of Fixing Brackets	
Blind Width	Fixing Brackets
600-1500	2
1501-2000	3
2001-3000	4
3001-4000	5
4001-5000	6

**Operation – Cord Control:**

The raising, lowering as well as tilting of the blind are achieved by a continuous cord passing over an enclosed pulley wheel activating the gear box drive shaft.

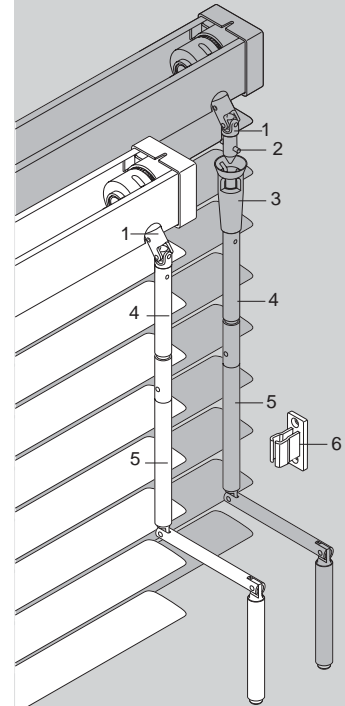
**Cord control**

- 1. 2076552 cord wheel and cover
- 2. 2366811 cord stretching device



**Rod control**

- 1. 2076561 cardan joint
- 2. 2076570 slotted pin



- 3. 2076577 bayonet socket
- 4. 2076601 - 2076609 extension tube
- 5. 2076616 collapsible handle
- 6. 2076587 holder, 25 mm  
2076588 holder, 35 mm



**Maximum Dimensions:**

The following maximum dimensions are recommended:

- Max. area: 15 m<sup>2</sup>
- Max. width: 5000 mm
- Max. drop: 3900 mm

**Special Features:**

Both constructions can alternatively be supplied with laddertape instead of ladderbraid.

Furthermore, the constructions can also be electrically operated.

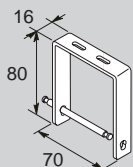
**Stacking Height for Metamatic Monocommand:**

Stacking Height	
Blind drop	Stacking Height
1000	115
1500	130
2000	140
2500	155
3000	170
3500	180
3900	190

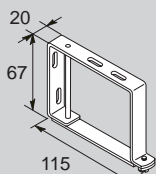
All measurements stated in mm.

As we continue to improve our products, we reserve the right to make alterations without previous notice.

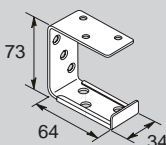
**Fixing Brackets**



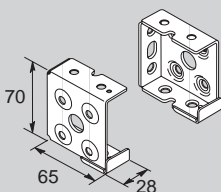
2075026 recess bracket, ceiling



2075027 recess bracket, wall, ceiling



2075078 centre fixing bracket



2075111 end fixing bracket (set)