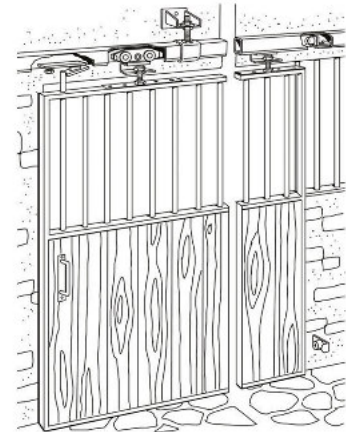
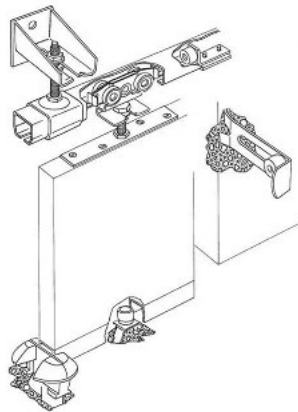


Assembly Tips

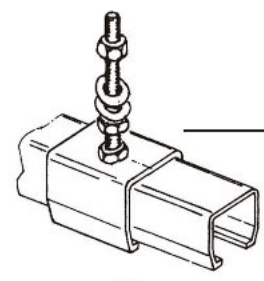
Sliding Door Systems for doors/gates and stables



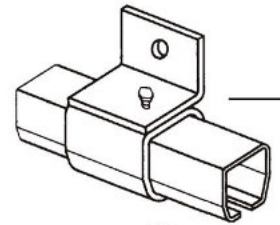
HBS advantages:



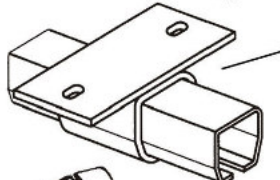
- **Approved and reliable constructions**
- **Proper workmanship**
- **Individual scope for design because of free choice of door leaf size and material**
- **Comprehensive consulting till end assembly by aid of understandable assembly instructions in speech and vision**
- **A HBS-service on which you can count every time.**



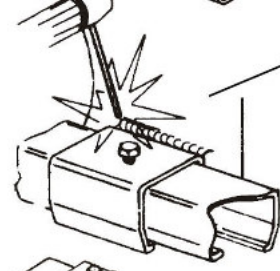
Adjustable bracket: This bracket is in combination with the side fixing brackets or girder for two brackets the best way to adjust the track (horizontal and vertical).



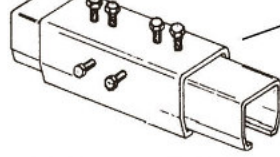
Track: The steel track is available in Typ 30 and 40 and is sendzimir zincked. The 2m and 3m long tracks can be extended by the joint brackets, without welding.



Wall bracket: The galvanized wall bracket is mounted directly to the vertical wall (beam) and bears the track (max. distance between two brackets 750 mm).



Ceiling bracket: The galvanized ceiling bracket is mounted directly to a horizontal ceiling (beam) and bears the track (max. distance between two brackets 750 mm).



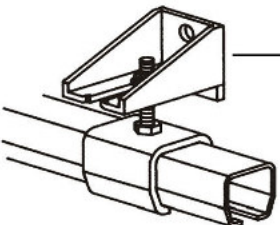
Welding bracket: The welding bracket is not galvanized and that is why it can be welded directly to a steel construction. It bears the track (max. distance between two brackets 750 mm).

Joint bracket: Two tracks can be connected together at the track ends with aid of a joint bracket. So it is possible to gain different length without welding. There has to be mounted one of the brackets, which are mentioned before, on both sides next to the joint brackets for force fixture.

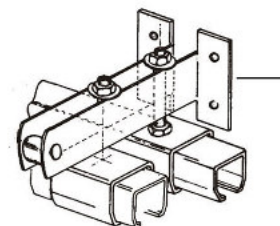
Important for all brackets! Number per track:

Track 2 m = 4 brackets

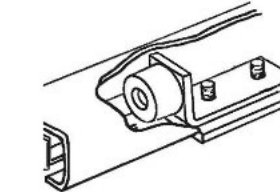
Track 3 m = 5 brackets



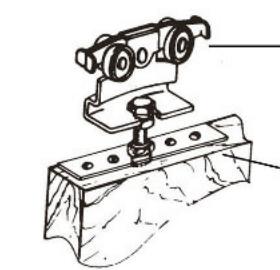
Side Fixing Bracket: The galvanized side fixing bracket is mounted directly to the vertical wall (beam) and holds the adjustable bracket. The adjustable bracket can only be adjusted vertically and horizontally in the side fixing bracket (max. distance between two brackets 750 mm).



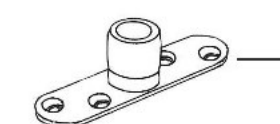
Girder for two brackets/tracks: Two brackets can be mounted next to each other in this girder. So it is possible to assemble two doors/gates, which slides before each other.



Track Stopper: The track stopper is mounted in the track and limits the slidaway of the hanger. Please use for each door two stoppers.



Hanger: The hangers slide in the track and bear the door with aid of the screw-on plates. Please use only two hangers for each door leaf. **ATTENTION!** Half of the door weight should not be heavier than the maximum loading of the hangers. Load capacity: Two hangers with two roles Type 30, load capacity = 100 kg / Type 40 = 200 kg; Two hangers with four roles Type 30, load capacity = 180 kg/ Type 40 = 400 kg



Screw-on Plate: This plate is used to fix the hanger to the door and is mounted on the door leaf. Please use two screw-on plates for each door.

Guide Roller: The guide rollers are mounted on the ground before and behind the door so that the door is guided and cannot swing anymore. Please use two guide rollers for each door.

examples for assembly:

