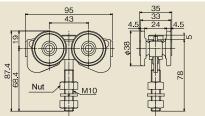
- Increase the quietness by adapting the Polyacetal resin to wheel.
- Adapt Oil less bearing to avoid lubrication.
- MTH2 (2-Wheel and 4-Wheel hanger) can be used to #2 Hanger rail by changing the wheel shape.



MTH2 Trolley 4-Wheel MTH2-4WHTR

Endurable running: 50,000m (In case of 35kg door weight hanging/2pc) Endurable running: 100,000m (In case of 25kg door weight hanging/2pc)



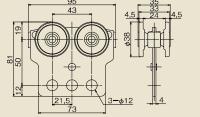
- •Body: Steel (Uniqlo)
- •Wheel: Polyacetal
- Bolt type with easy installation.
- ·Adapt Oil less bearing.
- •Applicable for #2 Hanger Rail.
- •Not applicable for R ail holder.

**Please use N10 Plate for steel door and N10 Apron for wooden door to connect hanger with the door.



MTH2 Tool 4-Wheel MTH2-4WHTU

Endurable running: 50,000m (In case of 35kg door weight hanging/2pc) Endurable running: 100,000m (In case of 25kg door weight hanging/2pc)

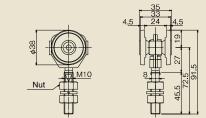


- Body: Steel (Uniqlo)
- •Wheel: Polyacetal
- •Plate type that can hang a balancer.
- •Adapt Oil less bearing.
- •Applicable for #2 Hanger Rail.
- •Not available for Curb Rail



MTH2 2-Wheel MTH2-2WH2

Endurable running: 50,000m (In case of 25kg door weight hanging/2pc) Endurable running: 100,000m (In case of 15kg door weight hanging/2pc)



- •Body: Steel (Trivalent Chromate)
- •Wheel: Polyacetal
- •Bolt type with easy installation.
- •Adapt Oil less bearing.
- •Applicable for #2 Hanger Rail & Curb Rail.
- •Not available for Rail holder.

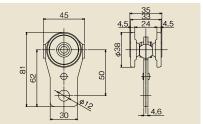
%Please use N10 Plate for steel door and N10 Apron for wooden door to connect hanger with the door.



MTH2 Tool 2-Wheel

MTH2-2WHTU

Endurable running: 50,000m (In case of 25kg door weight hanging/2pc) Endurable running: 100,000m (In case of 15kg door weight hanging/2pc)



•Body: Steel (Uniqlo)

- •Wheel: Polyacetal
- Plate type that can hang a balancer
- •Adapt Oil less bearing.
- •Applicable for #2 Hanger Rail.
- •Not available for Hanger Rail & Curb Rail.

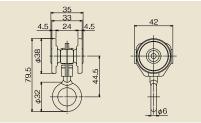


MTH2 2-Wheel with Ring

MTH2-2WHL2

Endurable running: 50,000m (In case of 25kg door weight hanging/2pc) Endurable running: 100,000m

(In case of 15kg door weight hanging/2pc)



- •Body: Steel (Trivalent Chromate)
- •Wheel: Polyacetal
- •Bolt type with easy installation.
- •Adapt oil less bearing.
- As the Spec for wheels not hitting each other, no getting scratched on the surface and need for braking.
- Applicable for #2 Hanger Rail & Curb Rail.

•Not available for Rail holder.

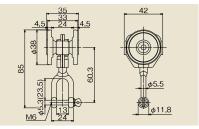


MTH2 2-Wheel with Shackle

MTH2-2WHSY2

Endurable running: 50,000m (In case of 25kg door weight hanging/2pc) Endurable running: 100,000m

(In case of 15kg door weight hanging/2pc)



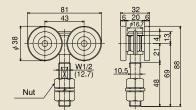
- •Body: Steel (Trivalent Chromate)
- •Wheel: Polyacetal
- Adapt Oil less bearing.
- As the Spec for wheels not hitting each other, no getting scratched on the surface and need for braking.
 Available for #2 Hanger Rail.
- Not available for Hanger Rail & Curb Rail.





4-Wheel #2 4WH

Door Weight: Up to A70kg/2 pcs

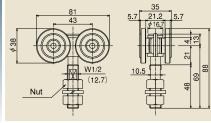


- Adapt Oil less bearing.
- •In case of used frequently, please use #2 4WH-B 4-wheel with bearing.



4-Wheel with Soundproofing #2 4WH-QN

Door Weight: Up to 70kg/2 pcs

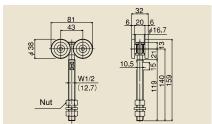


- •Increase the quietness by adapting the Polyacetal resin.
- Adapt Oil less bearing.
- •In case of used frequently, please use #2 4WH-B 4-wheel with bearing.
- •For the wheel dropout and door positio the door stopper with rubber (#3-CSQ)



4-Wheel With Long Bolt #2 4WH-1LB

Door Weight: Up to 70kg/2 pcs

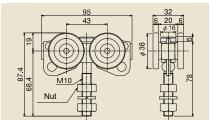


•Parts that is used by sandwiching a squared timber with nut. Adapt Oil less bearing.



Trolley 4-Wheel #2 ÁWHTR

Door Weight: Up to 35kg/1 pc



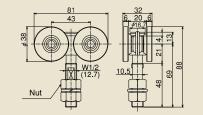
By the bolt rolling freely, it can change the direction of hanging object freely.
 Adapt Oil less bearing.

- •Not applicable for Rail holder, Apron and Plate.



4-Wheel with Bearing #2 4WH-B

Door Weight: Up to 70kg/2 pcs

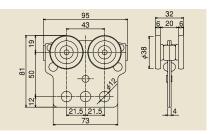


•Adapt High performance bearing



Tool 4-Wheel with Bearing **#2 4WHTU**

Door Weight: Up to 35kg/1 pc



- Optimum for hanging Air-tool and Electronic-tool by the hole of balancer.
- ·Adapt Oil less bearing.



4-Wheel with Bearing [Flexible Type]

#2 4WH-BN

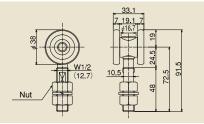
Door Weight: Up to 70kg/2 pcs

- 6 20.5 6
- •Wheel Axis moves flexibilty and 4-wheel always gets a load equally even if the hanging bolt is learning.
- Adapt High performance bearing



Wheel with Bearing #2 2WH

Door Weight: Up to 40kg/2 pcs

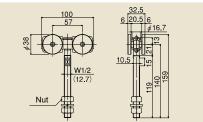


- Bolt with retaining processing.
- •Adapt a house bearing.
- •Applicable for Curb Rail. Please use 4-wheel in case of using for straight movement of the door.



Wheel with Bearing [Flexible Type] With Long Bolt

#2 4WH-BN-1LB Door Weight: Up to 70kg/2 pcs



•The parts used for sandwiching a squared timber with nut. Adapt Hight performance bearing.



Wheel for Telescopic door [Flexible Type]

#2 4WH-S

Door Weight: Up to 40kg/2 pcs



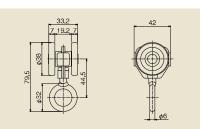
•2-wheel with direct welding type. Not applicable for Curb Rail.





2-Wheel with Ring Type 2 #2 2WHL2

Door Weight: Up to 20kg/1 pc

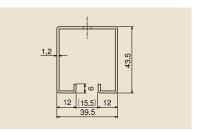


˝ŒĀ@ĀÜ]^&Á[¦Á¸@^|•Á,[ơÁ@ācā]*Á?æ&@Á;ơ@¦Êthe surface of wheel is not scratched. ″ŒaæjoÁ@į * • ^ Æs^æjāj * È

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Hanger Rail #2 HR



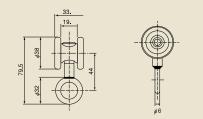
•Rail Length: 1820, 2730, 3640, 4550mm

- •Painting Color is Munsell No. 5Y7/1
- •Powder coating finish for 1820, 2730, 3640mm Urethane coating finish for 4550mm



2-Wheel with Ring #2 2WHL

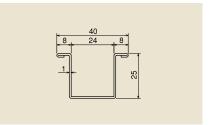
Door Weight: Up to 20kg/1 pc



•Please use this Hanger in the Rail that has a Rail holder. Adapt in house bearing.



Guide Rail #3 GR



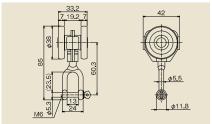
•Common parts with #3

- •Rail Length: 1820, 2730, 3640mm
- •Curb Rail differs in the section shape.



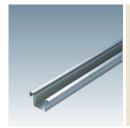
2-Wheel with #2 Shackle Type 2

#2 2WHSY2 Door Weight: Up to 20kg/1 pc

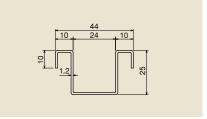


•As the Spec for wheels not hitting each other, the surface of wheel is not scratched.

- Adapt in house bearing.
- •Not applicable for Rail holder.



Guide Rail with Rip #3 NGR



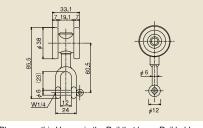
•Common parts with #3

- •Rail Length: 1820, 2730, 3640mm
- •Downword Lips on both side end can be used as Anchor.
- •Curb Rail differs in the Section shape.



2-Wheel with Shackle #2 2WHSY2

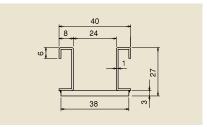
Door Weight: Up to 20kg/1 pc



•Please use this Hanger in the Rail that has a Rail holder. ·Adapt in house bearing.



Curb Guide Rail #3 GR920R

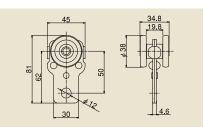


•Common parts with #3

- •Material: SPHC (Lacqur-finish, Munsell No. 5Y7/1)
- •Standard R: R920 (1/4 Circle)
- •Made by order except item of standard stock.



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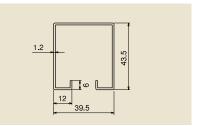


•Adapt house bearing.

•R600 is Minimum Curb dimension that can run smoothly. •Not applicable for Rail holder.



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•Material: SGHC (Baking finish, Munsell No. 5Y7/1)

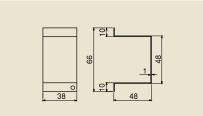
- •Standard R: R920 (1/4 Circle)
- •Made by order except item of standard stock.

Steel Sliding Door Hanger No.2 (#2)

Standard Mounting Pitch of Bracket is 400~500mm



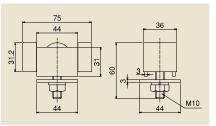
Side Cover #2 STP



- •Rail Edge Cover for preventing the Rail gap.
- •It's not for stopping the Wheel. In case of stopping the Wheel, please use the Stopper.
- •Not applicable for Ceiling and Wall Rail bracket.



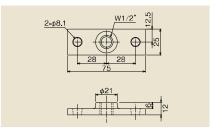
Stopper with Rubber #3 CSQ



- Common parts with #3
- •Used for preventing the Wheel dropout and Door
- •Please make sure to use this stopper in using 4-Wheel with Soundproofing.



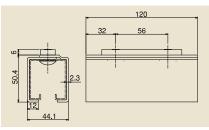
Plate #2 PL



•Parts for connecting the bolt of 2 or 4-Wheel with the steel door.



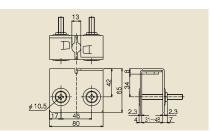
Rail Holder #2 RH



- •Connection parts of rails between brackets.
- ·Short length rails can be connected in advance and installed as long length Rail.
- •Unapplicable for Curb Rail and Ceiling Bracket.
- •Assembly bolt: M8 x 12 Truss Screw.



Apron #2 AP



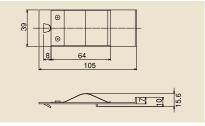
•With M8 x 65 Countersunk Bolt & Nut.

•Parts for connecting the bolt of 2 or 4-Wheel to wooden door.

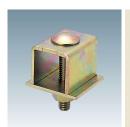


Joint Clamp

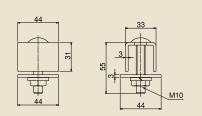
#2 RJ



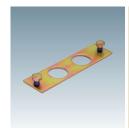
- •Parts for preventing the gap of Hanger rail to use the hole of Rail edge and bracket
- •Unavailable for Curb Rail and Ceiling Bracket.



Stopper #3 CS

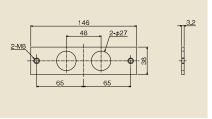


- •Common parts with #3
- •In case the large impact force is expected, please use the bottom stopper with this stopper together and hit the door on the vertical frame.
- **Unapplicable for use with Side Cover.



Rail Connection Plate

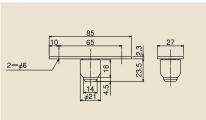
#2 RP



- •2 pcs of M8 bolt
- •Prevent for backlash of rails and can connect the rails without welding.
 •Upplicable for Curb Rail, Wall and Ceiling Brackets.



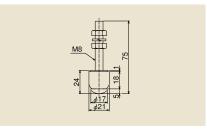
Guide Roller #3 GRO



- •Common parts with #3
- In case the strength is required, please use #3GRP12



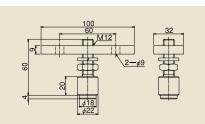
Bolt Type Guide Roller •Common parts with #3 #3 GRB



 $\bullet \mbox{ln}$ case the strength is required, please use the #3GRB12



Plate Type Guide Roller •Common parts with #3
•Roller is Polyacetal (Black Color) #3 GRP12

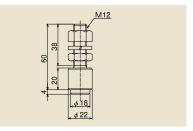


- •Reinforced Type of #3GRO
- •Please use in the place where the strength is required.



M12 Bolt Type Guide Roller
#3 GRB12

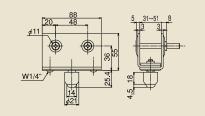
*Common parts with #3
*Roller is Polyacetal (Black Color)
*Reinforced Type of #3GRB



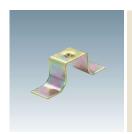
- •Please use the Guide Roller in the place where the strength is required.



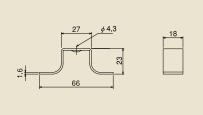
#3 GRAP



- Guide Roller with Frame •Common parts with #3
 •With M8 x 65 countersunk bolt and Special nut.



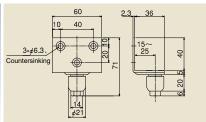
Guide Rail Anchor #3 GRA



- •Common parts with #3
- •Please use this parts as Anchor for Guide Rail.



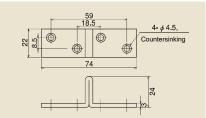
Retrofit Guide Roller #3 GRL



- •Common parts with #3
- •Applicablle door thickness: 30~50mm
 •With 3 pcs of Nominal dia: 5 x 25 countersunk tapping screw



Bottom Stopper #3 GRS



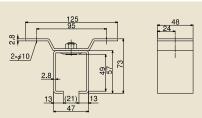
- •Common parts with #3
- •Mount the stopper in the internal grooved on the Guide Rail so that it works as the stopper for Guide Roller and it's used for door positioning.
- •In case of the large impact force is expected, please use the stopper or stopper with rubber together and hit the door on the vertical frame.

Steel Sliding Door Hanger No.2 (#2)

Standard Mounting Pitch of Bracket is 400~500mm



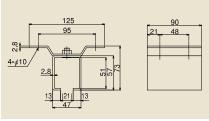
Ceiling Bracket (Single Track) #2 OB



- •Assembly bolt of box and Wing are all W5/16" countersunk bolt.
- •Recommended mounting Screw: M8



Rail Joint Bracket for Ceiling (Single Track) #2 OBT

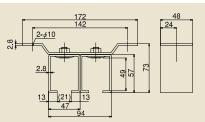


•Assembly bolt of box and Wing are all W5/16" countersunk bolt.

•Recommended mounting Screw: M8



Ceiling Bracket (Double Track) #2 OB2



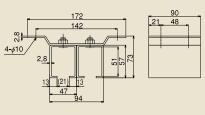
 Assembly bolt of box and Wing are all W5/16" countersunk bolt.

•Recommended mounting Screw: M8



(Double Track)

#2 OBT2

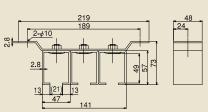


Joint Bracket for Ceilng •Assembly bolt of box and Wing are all W5/16" Flat head bolt.

•Recommended mounting Screw: M8



Ceiling Bracket (Triple Track) #2 OB3



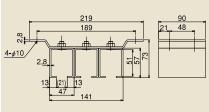
•Assembly bolt of box and Wing are all W5/16" countersunk bolt.

•Recommended mounting Screw: M8



(Triple Track)

#2 OBT3



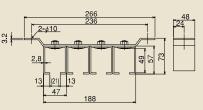
Joint Bracket for Ceiling •Assembly bolt of box and Wing are all W5/16"

•Recommended mounting Screw: M8



Ceiling Bracket (Four Track)

#2 OB4



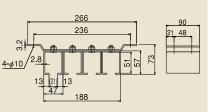
•Assembly bolt of box and Wing are all W5/16" Flat head bolt

•Recommended mounting Screw: M8



(Four Track)

#2 OBT4

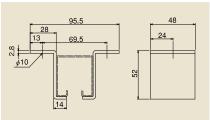


Joint Bracket for Ceiling •Assembly bolt of box and Wing are all W5/16" countersunk bolt.

•Recommended mounting Screw: M8



L Type Ceiling Bracket #2 OBL



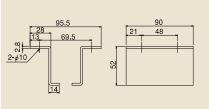
•Used for preventing the gap between Rail and Ceiling

•Recommended mounting Screw: M8



L Type Joint Bracket for Ceiling

#2 OBLT



•Used for preventing the gap between Rail and Ceiling Bracket.

•Recommended mounting Screw: M8

Standard Mounting Pitch of Bracket is 400~500mm

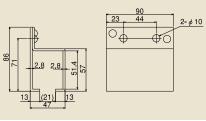


Wall Bracket (Single Track) #2 SB

•Recommended mounting Screw: M8



Rail Joint Bracket for Wall •Recommended mounting Screw: M8 (Single Track)



#2 SBT



Wall Bracket (Double Track) #2 SB2

2**-** \$ 10

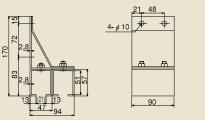
 Assembly bolt of box and Stay are all W5/16" countersunk bolt.

•Recommendable Screw: M8



Rail Joint Bracket for Wall (Double Track)

#2 OBT2



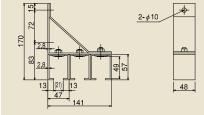
•Assembly bolt of box and Stay are all W5/16" countersunk bolt

•Recommended mounting Screw: M8



Wall Bracket (Triple Track)

#2 SB3



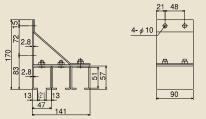
•Assembly bolt of box and Stay are all W5/16"

•Recommended mounting Screw: M8



(Triple Track)

#2 OBT3



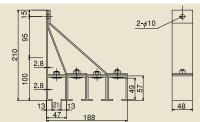
Rail Joint Bracket for Wall •Assembly bolt of box and Stay are all W5/16" countersunk bolt.

•Recommended mounting Screw: M8



Wall Bracket (Four Track)

#2 SB4



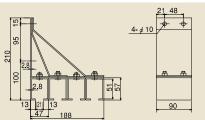
•Assembly bolt of box and Stay are all W5/16" countersunk bolt.

•Recommended mounting Screw: M8



Rail Joint Bracket for Wall (Four Track)

#2 SBT4

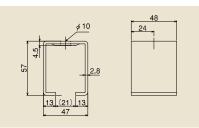


 Assembly bolt of box and Stay are all W5/16" countersunk bolt.

•Recommended mounting Screw: M8



Wall Bracket #2 BOX

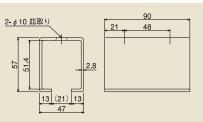


•Please use the W5/16" or M8 countersunk bolt for installation.



Rail Joint Bracket for Wall

#2 TBOX



•Please use the W5/16" or M8 countersunk bolt for installation.