

# Sliding Door Hanger Newton20(N20)

Load capacity 2000N(about 200KG)  
Made of Steel

Check the movie



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Our website: <https://www.daiken.ne.jp/eng/>

Light and Silent sliding door hanger (\*Hexavalent chromium free)

Loading capacity: 2000N(about 200kg) at two of 4-wheels per unit door.  
1000N(about 100kg) at two of 2-wheels per unit door.  
500N(about 50kg) at one trolley 2-wheel.

- Medium weight model between #3 and #4 door hanger.  
The name comes from international standard unit(SI)
- Hanger rail has high durability and light weight by high strength surface treated steel sheet.
- Wheel out side is made of resin. The hanger rail designed so that inside wall of wheel and rail edges do not touch. Therefore wheel running is smooth and quiet.
- As the hanging bolt is designated to be flexible and respond against any inclination of door or hanging tools, each wheels receives equal loading.  
The wheel is available for R=600mm curved rail.
- Brackets are processed to avoid any scratch during installation job.
- 4 wheel and 2 wheel are provided to hang door and tools as well as semi-finished goods.
- Each parts has bar-code seal for simplifying the inventory control.

⚠ All of Hanger Rail, Rip Guide Rail and Bolt for hanging wheel is Millimeter size and not compatible with conventional steel door hanger parts.

■ Comparison date of Door weight 1470N(150kg)  
(Our domestic research)

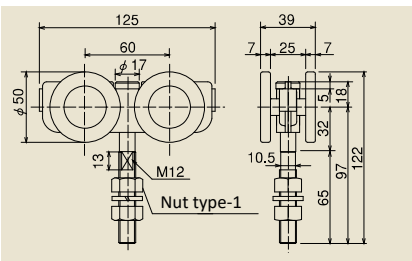
\*Hanging at two of 4-wheels

Sliding door hanger	Opening power (N)	Running noise (dB)
	Initial value	Initial value
Newton (N20)	7.84N (0.8kgf)	50dB
No. 4(#4)	68.6N (7.0kgf)	68dB

## N20 model



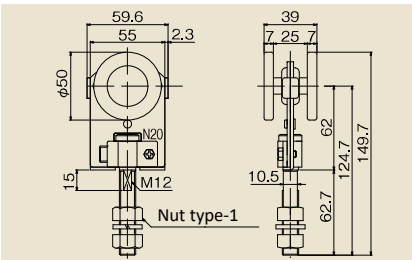
N20  
4-wheel  
N20-4WS



- Materials: SPHC (Trivalent Chromate), Resin, etc.
  - Loading capacity up to 200kgs by 2pcs hanging per one door (approx. 2000N).
  - Body shaft has bearing.
  - Can also run on Curb Rail(R600).
- \*Don't use to other models than N20 Hanger Rail(N20 Curb Rail).



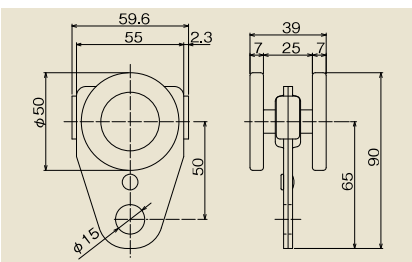
N20  
2-wheel  
N20-2WS2



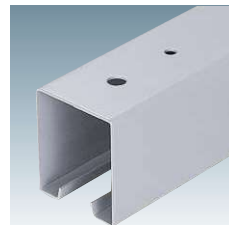
- Materials: SPHC(Trivalent Chromate), Resin, etc.
  - Loading capacity up to 100kgs by 2pcs hanging per one door (approx. 1000N).
  - Body shaft has bearing.
  - Changeable hanging bolt
  - Runnable on Curb Rail(R600).
- \*Don't use to other models than N20 Hanger Rail(N20 Curb Rail).



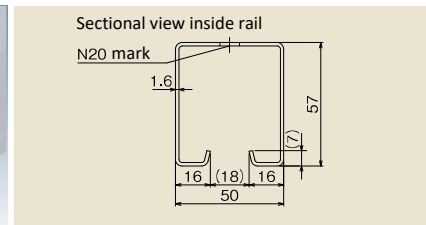
N20  
Trolley 2 wheel  
N20-2TR



- Materials: SPHC(Trivalent Chromate), Resin, etc.
  - Less than 500N(approx. 50kg) per one.
  - Suitable for hanging Air and Electronic tool.
  - Bearing used in the Fuselage axis.
  - Runnable on Curb Rail(R600).
  - Not use other than N20 Hanger Rail (N20 Curb Rail).
- \*Can't use for Rail direct mounting specification.



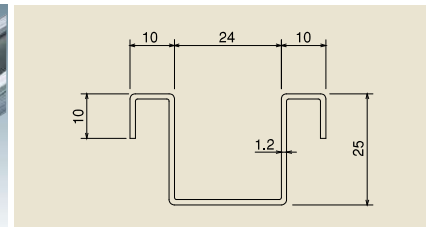
N20  
Hanger rail  
N20-HR



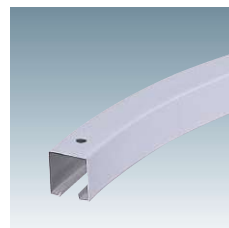
- Materials: SGH (Powder coating finish Munsell N7)
- Standard length 2000, 3000mm



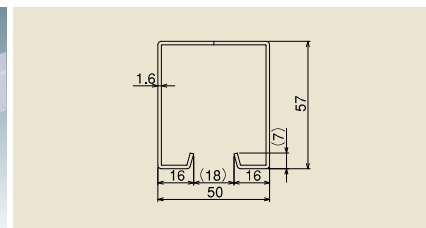
N20  
Lip guider rail  
N20-NGR



- Materials: SGCC
- Standard length 2000, 3000mm
- Both of bended edge works as Anchor.



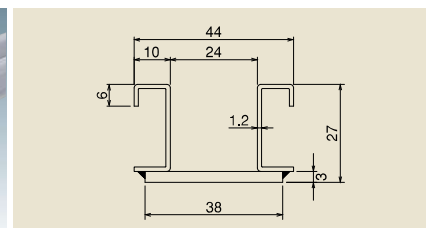
N20  
Curb rail  
N20-HR600R



- Materials: SGC (Powder coating Munsell M7)
- Standard R: R600(1/4 circle)
- Cross-sectional shape is same with N20 standard hanger rail.
- Available more than R600



N20  
Lip curb guide rail  
N20-NGR600R

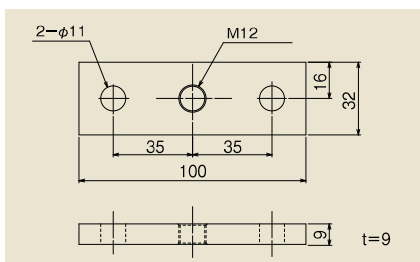


- Materials: SGC (lacquer-finished Munsell symbol N7)
- Standard R: R600
- Cross-sectional shape differ from N20 Rip Guide Rail.

# Sliding Door Hanger Newton20(N20)



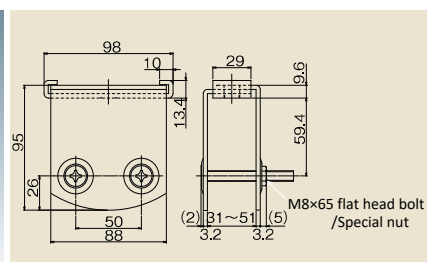
N20  
Plate  
**N20-PL**



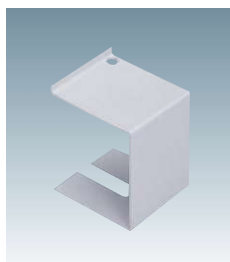
- Materials: SS400 (Trivalent Chromate)
- Parts to connect bolt of wheel and steel door.
- Recommendable screw: M10



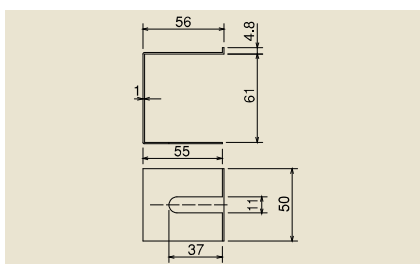
N20  
Apron  
**N20-AP**



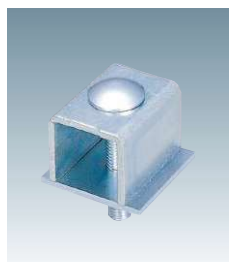
- Materials: SPHC (Powder coating Munsell N7), etc.
- Parts to connect bolt of wheel and steel door.



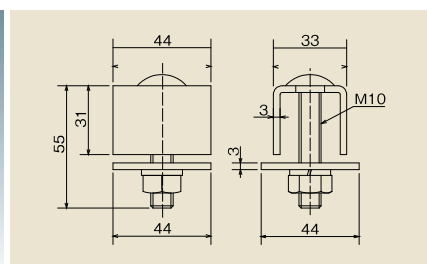
N20  
Side cover  
**N20-SK**



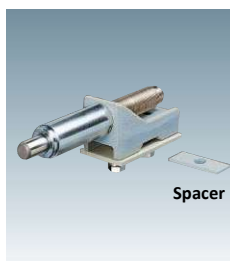
- Materials: SPCC (Powder coating Munsell N7)
- Use for covering edge of rail. Please use the stopper if stop the wheel.
- \*Can't use for Joint bracket for ceiling.
- \*Can't use for Curb rail



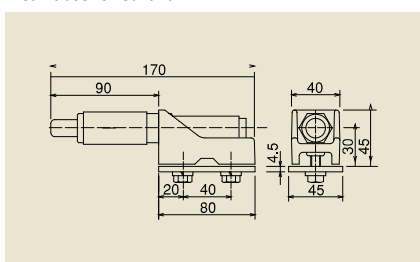
N20  
Stopper  
**N20-CS**



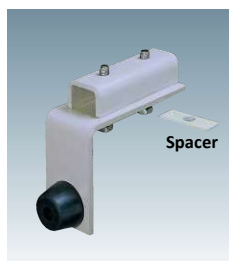
- Materials: SPHC(Trivalent Chromate), etc
- Fix rail and bracket(Ceiling, wall bracket) to prevent a rail misalignment.
- Use door stop if stop the wheel.



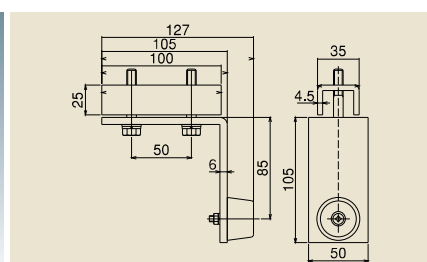
N20  
Stopper with dumper  
**N20-DCS**



- Materials: FCD(Trivalent Chromate), SPHC(Powder coating finish Munsell symbol N7), etc
- Damper absorbs impact.
- \*Push backed at 30mm caused by repulsive force.
- \*Can't use for Curb rail.



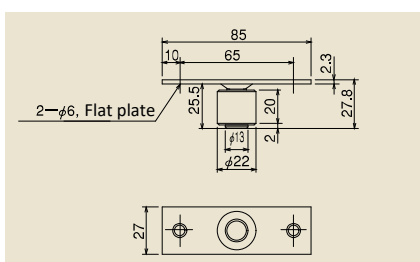
N20  
Stopper  
for below rail  
**N20-RCS**



- Materials: SPHC (Powder coating Munsell N7), Rubber (Black) etc.
- Install bottom stopper (option) together.
- Unable to use with curb rail.



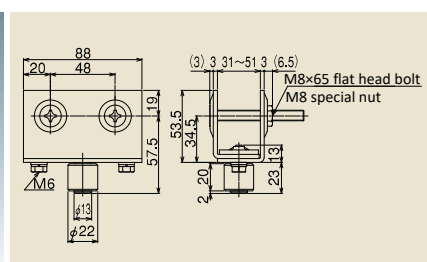
N20  
Guide roller  
**N20-GRO**



- Materials: SPHC(Trivalent Chromate), Resin, etc.
- Recommended screw: M5



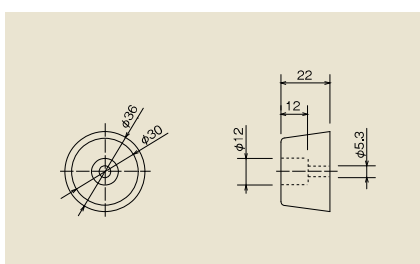
N20  
Frame guide roller  
**N20-GRAP**



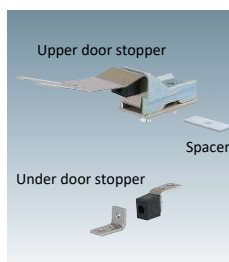
- Materials: SPHC (Powder coating finish Munsell symbol N7), Resin, etc.
- Recommendable screw: M5



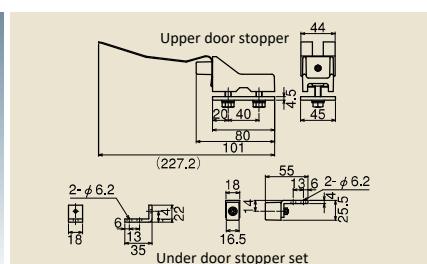
N20  
Rubber stopper  
**N20-CSG**



- Materials: Rubber(Black)
- Install on door frame.
- Recommended mounting screw: M5

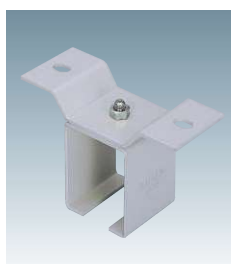


N20  
Stopper with holder  
**N20-KCS**

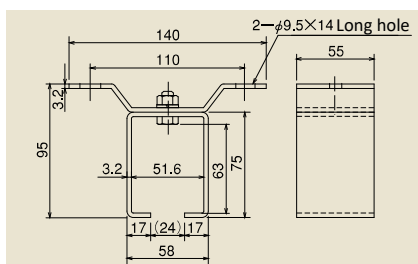


- Materials: FCD450(Trivalent Chromate), SUS304, Rubber(Black), etc.
- 1set of Upper door stopper and Under door stopper
- Use in bi-parting fitting.
- Recommended mounting screw: M6
- \*Can't be used for curb rail.

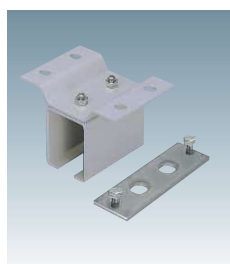
# Sliding Door Hanger NEWTON20(N20)



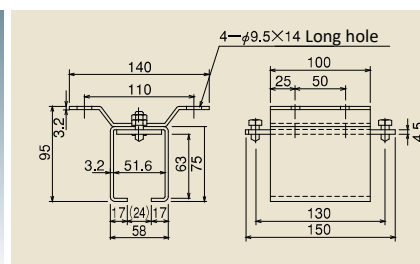
**N20**  
Ceiling bracket  
(Single channel)  
**N20-OB**



- Material: SS400 (Power coating Munsell N7), etc.
- Bolt of box and wing: M8
- Recommendable screw: M8



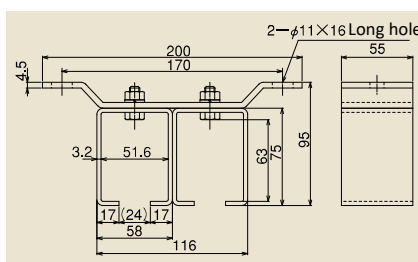
**N20**  
Joint bracket for ceiling  
(Single channel)  
**N20-OBT**



- Material: SPHC (Powder coating Munsell N7), etc.
- Joint parts for rail
- With joint plate
- Bolt of box and wing: M8
- Recommendable screw: M8



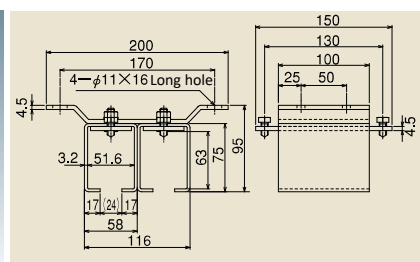
**N20**  
Wall bracket  
(Double channel)  
**N20-OB2**



- Material: SPCC (Powder coating Munsell N7), etc.
- Bolt of box and wing: M8
- Recommendable screw: M8



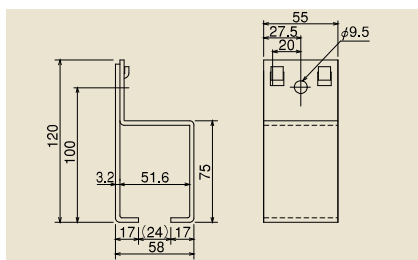
**N20**  
Joint bracket for ceiling  
(Double channel)  
**N20-OBT2**



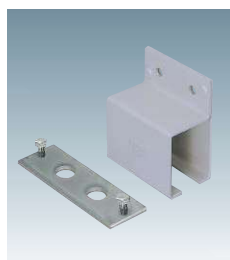
- Material: SS400 (Powder coating Munsell N7), etc.
- Joint parts for rail.
- With joint plate
- Bolt of box and wing: M8
- Recommendable screw: M10



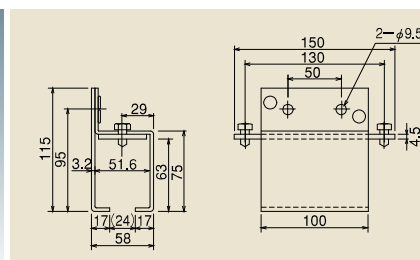
**N20**  
Wall bracket  
(Single channel)  
**N20-SB**



- Material: SS400 (Powder coating Munsell N7), etc.
- Differ mounting hole position from Joint bracket.
- Recommendable screw: M8



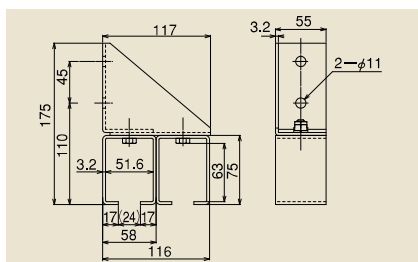
**N20**  
Joint bracket for wall  
(Single channel)  
**N20-SBT**



- Material: SS400 (Powder coating Munsell N7), etc.
- Joint parts for rail.
- With joint plate
- Differ mounting hole position from Joint bracket.
- Recommendable screw: M8



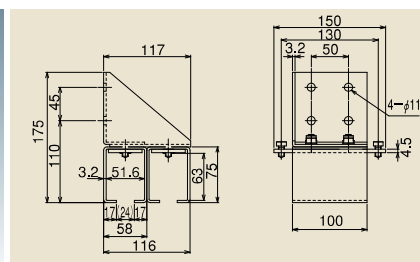
**N20**  
Wall bracket  
(Dual channel)  
**N20-SB2**



- Material: SS400 (Powder coating Munsell N7), etc.
- Bolt of box and bracket: M8
- Recommendable screw: M10



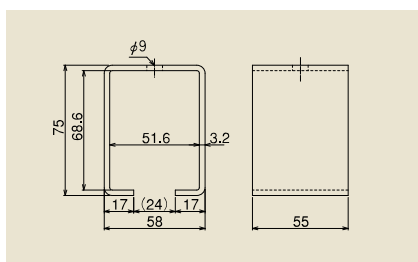
**N20**  
Joint bracket for wall  
(Dual channel)  
**N20-SBT2**



- Material: SPHC (Powder coating Munsell N7), etc.
- Joint parts for rail
- With joint type
- Bolt of box and wing: M8
- Recommendable screw: M8



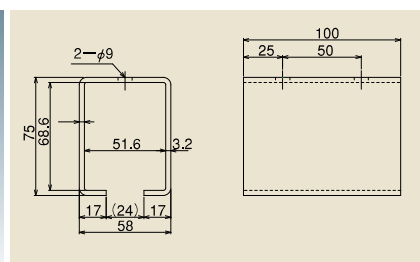
**N20**  
Box bracket  
**N20-BOX**



- Material: SS400 (Powder coating Munsell N7)
- Recommendable screw: M8



**N20**  
Joint bracket for box  
**N20-TBOX**



- Material: SS400 (Powder coating Munsell N7)
- Joint parts for rail.
- Recommendable screw: M8