



GARAGE DOOR PARTS

Catalog



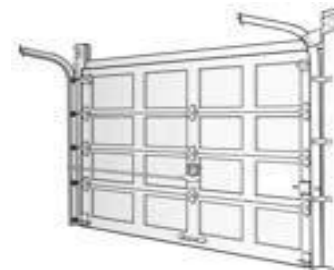
HM Hardware Supply

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832-551-9956

Email: hmhardwaresupply@yahoo.com

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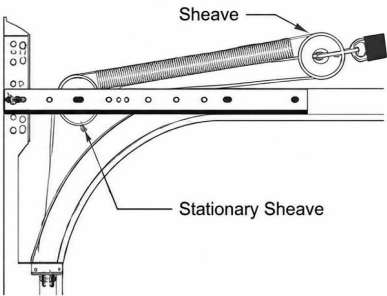
INNOVATION
COOPERATION
WIN-WIN



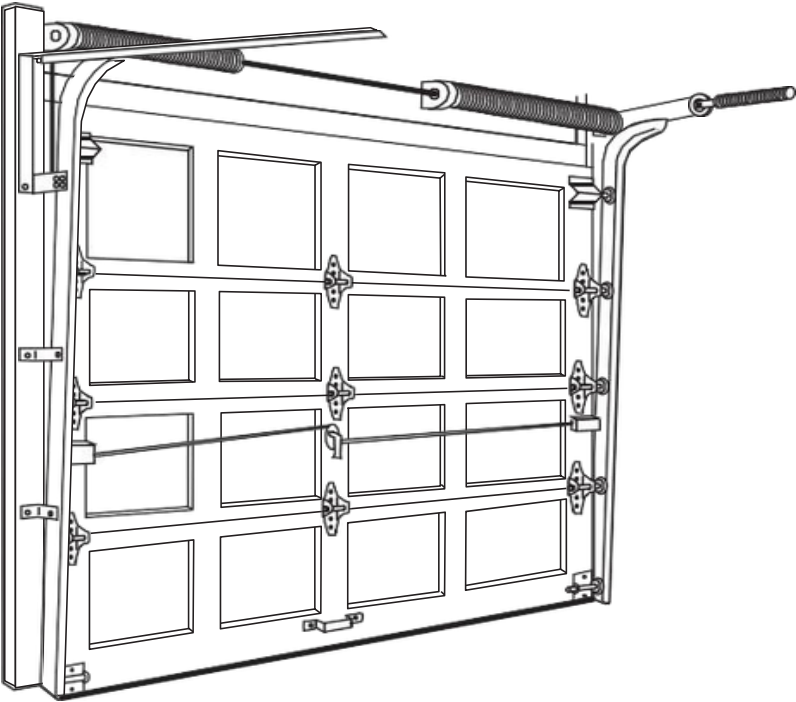
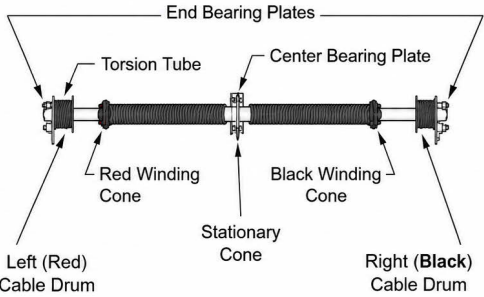
Catalog

Springs	-----	01
Cones	-----	02
Rollers	-----	03
Hinges	-----	04
Brackets	-----	06
Cable Drums	-----	10
Hardware	-----	12
Locks/Handles	-----	16
Hardware Kits	-----	17

Standard Extension Spring System



Standard Torsion Spring System



Springs

How to *find* a torsion spring's size

Step1:Spring Wind

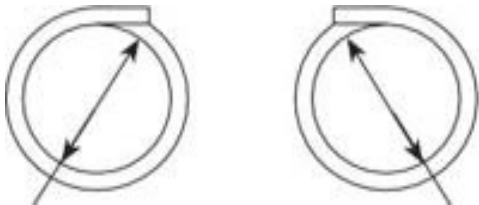


Left-Wind Right -Wind

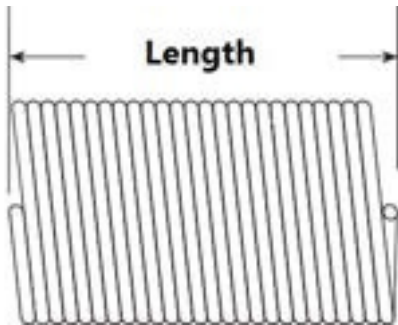
Step2:Wire Size

Length of 10 coils (inches)	Length of 20 coils (inches)	Wire Size (inches)
2 1/16	4 1/8	0.207
2 3/16	4 3/8	0.218
2 1/4	4 1/2	0.225

Step3:Spring Inside Diameter



Step4:Spring Length



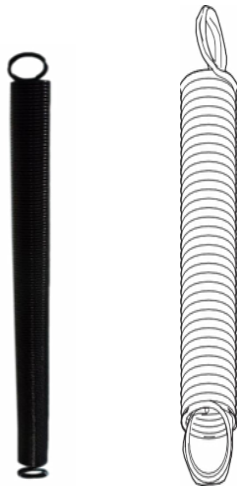
Step5:Spring Surface

- 1.Anti-Rust Oil
- 2.Electrophoretic
- 3.Powder Coated
- 4.Electrogalvanized



Torsion Spring With Cones and Winding Bar

Type: MR-TS01
Material: Carbon Steel
Wire Dia: from 0.177"-0.437"
ID: 1-3/4", 2", 2-5/8",3-3/4",5-1/4",6"
Customizable **(Long springs without cones are available)**



Extension Spring

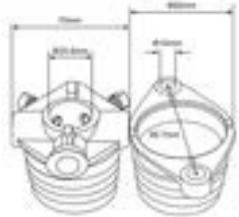
Type: MR-TS02
Material: Carbon Steel
Customizable based on the garage door's height, weight(lbs), and spring length

Mini Warehouse Spring (Storage Spring)



Type: MR-MS01
Material: Carbon Steel
Size: (Wire size-ID-Length)
Customizable based on customer requirements.

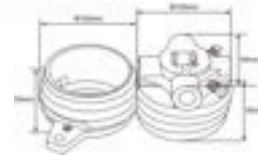
Spring Cones



1 3/4" Spring Cone

Type: MR-SF01

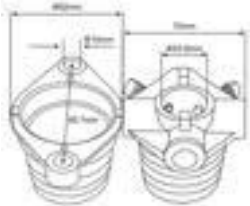
Dual Wind
Diameter: 1 3/4"
Diameter. Shaft: 1"



3 3/4" Spring Cone

Type: MR-SF04

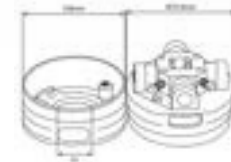
Dual Wind
Diameter: 3 3/4"
Diameter. Shaft: 1"



2" Spring Cone

Type: MR-SF02

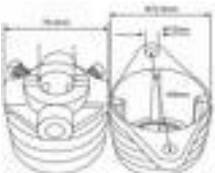
Dual Wind
Diameter: 2"
Diameter. Shaft: 1"



5 1/4" Spring Cone

Type: MR-SF05

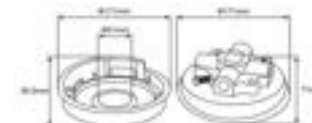
Dual Wind
Diameter: 5 1/4"
Diameter. Shaft: 1"



2 5/8" Spring Cone

Type: MR-SF03

Dual Wind
Diameter: 2 5/8"
Diameter. Shaft: 1"



6" Spring Cone

Type: MR-SF06

Dual Wind
Diameter: 6"
Diameter. Shaft: 1"

Rollers



Nylon Roller Without Bearing

Type: MR-NR01

Size: 2" x 4"

Suitable for 2" Track



Nylon Roller With 11 Balls

Type: MR-NR02

Size: 2" x 4", 2" x 7"

Color: White/ Black

Suitable for 2" Track



Nylon Roller With 6200zz Bearing

Type: MR-NR032

Size: 2" x 4", 2" x 7"

Color: White, Black, Red, Blue

Suitable for 2" Track



2" Nylon Roller
With Plastic Covered Rod

Type: MR-NR04

Size: 2" x 4"

Suitable for 2" Track



2" Nylon Roller With
Plastic Cover

Type: MR-NR05

Size: 2" x 4", with 6200zz bearing

Suitable for 2" Track



Steel Roller

Type: MR-SR01

Size: 2" x 4", 2" x 7"

Suitable for 2" Track



Nylon Roller With 6200zz
Bearing

Type: MR-NR033

Size: 3" x 4", 3" x 7"

Color: Black

Suitable for 3" Track



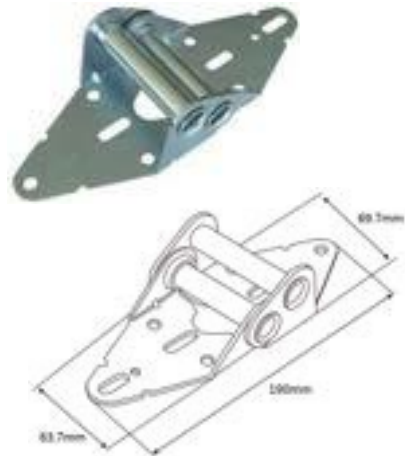
Steel Roller

Type: MR-SR02

Size: 3" x 4", 3" x 7"

Suitable for 3" Track

Hinges



14 Gauge Hinge (1.8mm)

Type: MR-14H

Support: #0, #1, #2, #3, #4, #5

Used with 0.43" diameter roller

Surface: Zinc Plated/Electrogalvanized

The roller hole's width is 3"

Length: 7 5/16"



13 Gauge Hinge (2.2mm)

Type: MR-13H

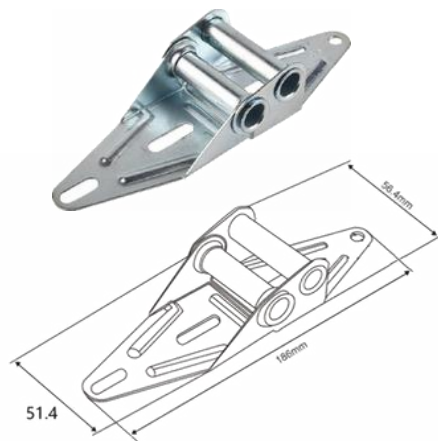
Support: #1, #2, #3, #4, #5, #6, #7

Used with 0.43" diameter roller

Surface: Zinc Plated/Electrogalvanized

The roller hole's width is 3"

Length: 7 5/16"



18 Gauge Hinge (1.2mm)

Type: MR-18H

Support: #1, #2, #3, #4,

Used with 0.43" diameter roller

Surface:
Zinc Plated/Electrogalvanized

Width: 2", The roller hole is 2 1/4"

Length: 7 5/16"



11 Gauge Hinge (3mm)

Type: MR-11H

Support: #1, #2, #3, #4, #5, #6, #7, #8, #9

Used with 0.43" diameter roller

Surface:
Zinc Plated / Electrogalvanized

The roller hole's width is 3"

Length: 7 2/5"

Hinges



Finger-Safe Side Hinge

Type: MR-SH01

Thickness: 0.098" (2.5mm)



Finger-Safe Side Hinge

Type: MR-SH02

Thickness: 0.078" (2mm)



Finger-Safe Side Hinge

Type: MR-SH05 Thickness:
0.091" (2.3mm)



Side Hinge

Type: MR-SH03

Thickness: 0.079" (2mm)



Side Hinge

Type: MR-SH04

Thickness: 0.098" (2.5mm)



Double Side Hinge

Type: MR-SH06

Thickness: 0.098" (2.5mm)



Double Side Hinge

Type: MR-SH07

Thickness: 0.098" (2.5mm)



Center Hinge

Type: MR-CH01

Thickness: 0.079" (2.0mm)



Center Hinge

Type: MR-CH02 Thickness:
0.098" (2.5mm)



Center Hinge

Type: MR-CH03 Thickness:
0.098" (2.5mm)



Center Hinge

Type: MR-CH04 Thickness:
0.098" (2.5mm)

Brackets



Residential Top Bracket

Type: MR-TB01

Thickness: 0.06"(1.5mm), 0.079"(2.0mm)



Residential Top Bracket

Type: MR-TB02B

Thickness: 0.06"(1.5mm)
The thickness of the roller hole
0.079"(2.0mm)



Residential Top Bracket

Type: MR-TB02C

Thickness: 0.06" (1.5mm)
The thickness of the roller hole:
0.079"(2.0mm)



Commercial Top Bracket

Type: MR-TB03

Thickness: 0.091"(2.3mm)



Quick Turn Top Bracket

Type: MR-TB08

Low Head Room Bracket (15 3/4")



Residential Top Bracket

Type: MR-TB04

Thickness: 0.098"(2.5mm)
Length: 4 1/2" (116mm)



Double Track Top Bracket

Type: MR-TB05

Thickness: 0.118" (3.0mm)
Length: 6" (153mm)



Extended Double Track Top Bracket

Type: MR-TB06

Thickness: 0.118" (3.0mm)
Length: 7" (179.6mm)



Extended Double Track Top Bracket

Type: MR-TB07

Thickness: 0.118" (3.0mm)

Brackets



Bottom Bracket with Mounting Holes

Type: MR-BB01
Thickness: 0.091" (2.3mm)



Bottom Bracket

Type: MR-BB02
Thickness: 0.079" (2.0mm)



Residential Bottom Bracket

Type: MR-BB03
Thickness: 0.091", 0.098"
(2.3, 2.5mm)



Commercial Bottom Bracket

Type: MR-BB04
Thickness: 0.098" (2.5mm)



Industrial Bottom Bracket

Type: MR-BB05
Thickness: 0.098" (2.5mm)



Bottom Fixture

Type: MR-BB06
Thickness: 0.098" (2.5mm)



Industrial Bottom Bracket

Type: MR-BB07
Thickness: 0.118" (3.0mm), thickness
of tube 0.071" (1.8mm)



Industrial Bottom Bracket

Type: Mr-BB0
Thickness: 0.118" (3.0mm), thickness
of the tube: 0.071" (1.8mm)



Residential Bottom Bracket

Type: MR-BB09
Thickness: 0.071" (1.8mm)



Aluminum Bottom Bracket

Type: MR-BB10
Suitable for 0.43" (11mm) stem roller

Brackets



Adjustable Bracket for Spring Break Device

Type: MR-AB02

Thickness: 0.157"(4.0mm)



Adjustable Bracket for Spring Break Device

Type: MR-AB01

Thickness: 0.157"(4.0mm)



USA MINI

Type: MR-CB07

Thickness: 0.118"(3mm)

Spring center bracket, used with nylon or steel bearing



Adjustable Bracket

Type: MR-CB07B

Thickness: 0.098" (2.5mm)



Spring Anchor Bracket

Type: MR-CB08

Thickness: 0.157"(4.0mm)



Flag Bracket A type

Type: MR-ATYPE

Thickness: 0.059"(1.5mm)



Adjustable Bracket

Type: MR-CB07C

Thickness: 0.098" (2.5mm)

For Spring Break Device



Residential Bearing Bracket

Type: MR-CB02

Thickness: 0.098" (2.5mm)

Comes with a 1" bearing
Bearing center distance: 3 3/8" (85.5mm)



Industrial Bearing Bracket

Type: MR-CB04

Thickness: 0.157"(4.0mm)

Provided with a 1" bearing
Bearing center distance: A 3 3/8" ,
B 4 3/8" , C 5" , E 6"

Brackets



Bearing Plate

Type: MR-EB03

Center Distance: 2 5/8" (67mm)
Thickness: 0.098" (2.5mm)



Residential Bearing Plate

Type: MR-EB03B

Center Distance: 3 3/8" (84.5mm)
Thickness: 0.098" (2.5mm)



Residential Bearing Plate

Type: MR-EB03B02

Center Distance: 3 3/8" (84.5mm)
Thickness: 0.098" (2.5mm)



Bearing Plate

Type: MR-EB03C

Thickness: 0.098" (2.5mm)



Bearing Plate

Type: MR-EB04

Center Distance: A 3 3/8", B 4 3/8",
C 5", D 6"
Thickness: 0.157" (4.0mm)



End Bearing Plate

Type: MR-EB05

Center Distance: A 3 3/8", B 4 3/8",
C 5", D 6"
Thickness: 0.157" (4.0mm)



Bottom Seal

Type: MR-BT01

3", 4", 5" Width



Angled Aluminum Bottom Retainer

Type: MR-BT02



Cable

Type: MR-CA01

7x7, 7x19 (1/8", 5/32", 3/16", 1/4")

Length: Customizable

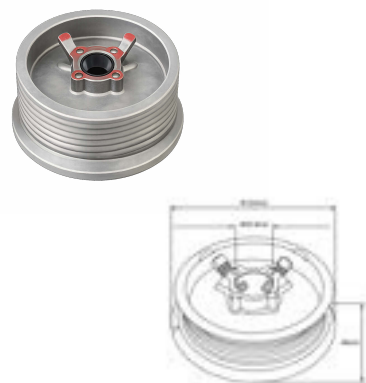


Strut

Type: MR-GS01

Thickness: 0.035" (0.9mm)

Cable Drums



8' Cable Drum

Type: MR-CD01

Max. door height: 8 ft (2438mm)
Max. cable dia: 1/8" (3.2mm)
Max. door weight: 529.1lbs (240kg)
Diam. Shaft: 1" (25.4mm)
Distance up to shaft axis:
3 3/8" (86mm)



12' Cable Drum

Type: MR-CD04

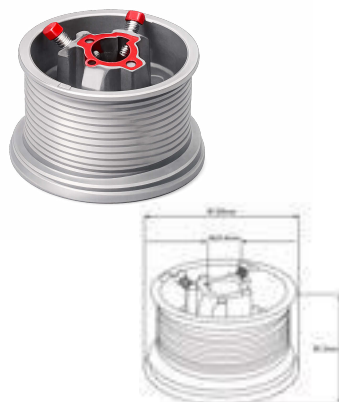
Max. door height: 12 ft (3680mm)
Max. cable dia: 5/32" (4.0mm)
Max. door weight: 751.8 lbs (341kg)
Diam. Shaft: 1" (25.4mm)
Distance up to shaft axis:
3 3/8" (86mm)



9' Cable Drum

Type: MR-CD02

Max. door height: 9 ft (2743mm)
Max. cable dia: 1/8" (3.2mm)
Max. door weight: 529.1 lbs (240kg)
Diam. Shaft: 1"(25.4mm)
Distance up to shaft axis:
3 3/8" (86mm)



13' Cable Drum

Type: MR-CD05

Max. door height: 13 ft (3692mm)
Max. cable dia: 5/32" (4.0mm)
Max. door weight: 751.8 lbs (341kg)
Diam. Shaft: 1" (25.4mm)
Distance up to shaft axis:
3 3/8" (86mm)



10' Cable Drum

Type: MR-CD03

Max. door height: 8 ft (2438mm)
Max. cable dia: 1/8" (3.2mm)
Max. door weight: 529.1 lbs (240kg)
Diam. Shaft: 1"(25.4mm)
Distance up to shaft axis:
3 3/8" (86mm)

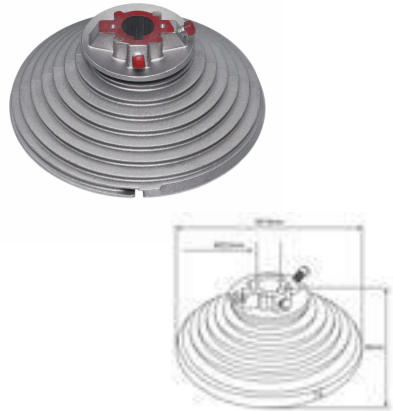


18' Cable Drum

Type: MR-CD06

Max. door height: 18 ft (5650mm)
Max. cable dia: 5/32" (4.0mm)
Max. door weight: 1000.9 lbs (454kg)
Diam. Shaft: 1" (25.4mm)
Distance up to shaft axis:
4 3/8"(111mm)

Cable Drums



11' VL Cable Drum

Type: MR-CD07

Max. door height: 11 ft (3352mm)

Max. cable dia: 3/16" (5mm)

Max. door weight: 848.8 lbs (385kg)

Diam. Shaft: 1" (25.4mm)

Distance up to shaft axis: 5" (127mm)



18' VL Cable Drum

Type: MR-CD08

Max. door height: 18 ft (5486mm)

Max. cable dia: 3/16" (5mm)

Max. door weight: 992 lbs (450kg)

Diam. Shaft: 1" (25.4mm)

Distance up to shaft axis: 6" (152mm)



28' VL Cable Drum

Type: MR-CD09

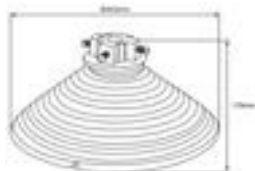
Max. door height: 28 ft (8534mm)

Max. cable dia: 1/4" (6mm)

Max. door weight: 2204.6 lbs (1000kg)

Diam. Shaft: 1" (25.4mm)

Distance up to shaft axis: 7" (178mm)



4-54' Cable Drum

Type: MR-CD10

Max. door height: 8 1/2 ft (5650mm)

Max. cable dia: 3/16" (4.8mm)

Max. door weight: 551.2 lbs (250kg)

Diam. Shaft: 1" (25.4mm)

Distance up to shaft axis: 5" (127mm)



5-54' Cable Drum

Type: MR-CD11

Vertical lift: 4 1/2 ft (1372mm)

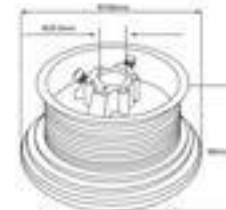
horizontal lift: 11.18 ft (3408mm)

Max. door weight: 1962.1lbs (890kg)

Max. cable dia: 3/16" (5mm)

Diam. Shaft: 1" (25.4mm)

Distance up to shaft axis: 4 3/8" (111mm)



120' Cable Drum

Type: MR-CD12

Max head door: 11.18 ft (3048mm)

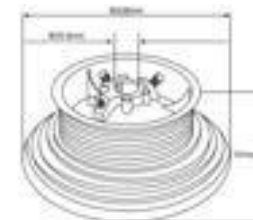
Max. door height: 12 ft (3658mm)

Max. door weight: 1003.1 lbs (455kg)

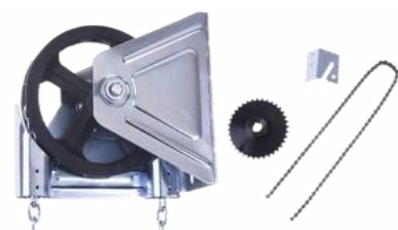
Max. cable dia: 3/16" (5mm)

Diam. Shaft: 1" (25.4mm)

Distance up to shaft axis: 5" (127mm)



Other Hardware



Chain Hoist(4:1 Ratio)

Type: MR-CHT02

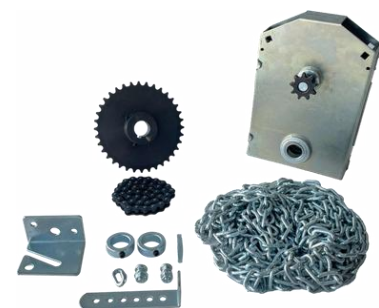
41b36 sprocket with 1"or 1 1/4" bore; 36" #41 roller chain; chain keeper; 26' hand chain; 1/4" key-way



Chain Hoist (3:1 Ratio)

Type: MR-CHT03

Sprocket 1" bore; 36" #41 roller chain; 26' hand chain; chain keeper; 1/4"x1/4"x1 3/8" square key



Chain Hoist(4:1 Ratio)

Type: MR-CHT05

41b36C2 sprocket with 1-1/4" bore; Uses hand chain; (2)chain keeper; 1/4" square key

Shaft Key

Type: MR-K01

1/4" x 1/4" x 3" Straight
1/4" x 1/4" x 4" Bend

1/4" x 1/4" x 3" Bend
1/4" x 3/8" x 3" Straight
1/4" x 3/8" x 3" Bend
1/4" x 3/8" x 4" Bend



1" Steel Bearing

Type: MR-SB02

The Interior Diameter is 1" (25.4mm)



1" Plastic Bearing

Type: MR-PB03

The Interior Diameter is 1" (25.4mm)



Solid Shaft With Key-way

Type: MR-SS01

Length: Customizable

OD: 1",1 1/4",1 1/2"



Hollow Shaft With Key-way

Type: MR-SS02

Length: Customizable

OD: 1",1 1/4",1 1/2"



Hollow Shaft / Tube Shaft

Type: MR-SS02

Length: Customizable

OD: 1",1 1/4",1 1/2"

Other Hardware



Shaft Coupler (Aluminum)

Type: MR-SC01

Suit for 1" bore



Shaft Coupler (Cast Iron)

Type: MR-SC02

Suit for 1" bore



Shaft Collar

Type: MR-SS03

Surface: Galvanized & Anti-Rust Oil

ID: 1",1 1/4"



3" Pulley

Type: MR-PU01



4" Pulley

Type: MR-PU02



Vertical Track

Type: MR-VT01

2" Track Thickness: 0.059", 0.071", 0.079"

3" Track Thickness: 0.098"

Material: Galvanized Steel



Horizontal Track

Type: MR-HT01

2" Track Thickness: 0.059", 0.071", 0.079"
R12 or R15

3" Track Thickness: 0.098", R15

Material: Galvanized Steel



Horizontal Track

Type: MR-HT02

Thickness: 0.059",0.071",0.079"

Material: Galvanized Steel

Outside Diameter: 2" (53mm)



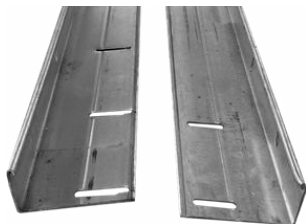
Track Angle 1 1/2" x 1 1/2"

Type: MR-CS01

Thickness: 0.079", 0.098"(2.0, 2.5mm)

Spec: 38x38mm, L=21.65"(550mm)

Other Hardware



Corner Support

Type: MR-CS02
Thickness: 0.059", 0.079" (1.5 / 2.0mm)



Perforated Angle 30x30x2mm 1.18" x1.18" x 0.079"

Type: MR-PSA03A
Customizable
Thickness: 0.079" (2.0mm)



Perforated Angle 30x30x2mm 1.18" x1.18" x 0.079"

Type: MR-PSA03B
Customizable
Thickness: 0.079" (2.0mm)



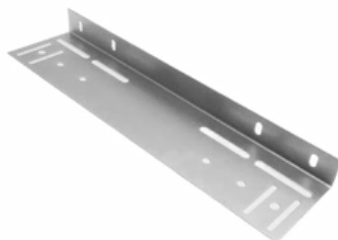
Perforated Angle

Type: MR-PSA03C
Customizable
1.18" x1.18",1.97" x1.97"(30x30,50x50)
Thickness: 0.079",0.118"(2.0,3.0mm)



Flag Bracket

Type: MR-FA01
Thickness: 0.079" (2.0mm)



Industrial Joint Angle

Type: MR-FA02
Thickness: 0.079" (2.0mm)
Length: 18.35" (466mm)



Side Bracket

Type: MR-SB01
Thickness: 0.098" (2.5 mm)
Length: A 3", B 3 1/4", C 3 1/2", D 3 3/4", E 4", F 4 1/4", G 4 1/2", H 4 3/4", I 5"



Mounting Plate

Type: MR-MP01
Thickness: 0.157"(4.0mm)
Size: 3.15" x 1.57", 3.15" x 3.15" (80x40mm, 80x80mm)

Other Hardware



Residential Spring Safety Break Device

Type: MR-SD0201

Works with 2" cones



Spring Safety Break Device

Type: MR-SD0202

Works with 2", 2 5/8" cones



Industrial Spring Break Device

Type: MR-SD03(AID1" ; BID1 1/4")

Works with 3 3/4" spring cones



2" Adjustable Cable Break Device

Type: MR-CBD2-2

Used for 2" Track



3" Adjustable Cable Break Device

Type: MR-CBD3-1

Use for 3" Track



Small Size Spring Bumper

Type: MR-SB07

Thickness: 0.098" (2.5mm)



15" Spring Bumper

Type: MR-SB15 Thickness:

0.091" (2.3mm)



27" Spring Bumper

Type: MR-SB27

Thickness: 0.091" (2.3mm)

Handles & Locks



Modern Lift Handle

Type: MR-HAN01



Round Head Lift Handle

Type: MR-HAN02

5.51",6.29" (140,160mm)



ABS Lift Handle

Type: MR-HAN03



PVC Universal Step Plate and Lift Handle Combo

Type: MR-HAN04

For 1.57"-1.97"(40-50mm) panels



Residential Latch

Type: MR-LK01

3.15" x 3.15"(80 x 80mm)



Industrial Latch

Type: MR-LK02

3.94" x 3.94" (100 x 100mm)



Industrial Latch

Type: MR-LK03

3.94" x 3.94" (100 x 100mm)



T Handle Lock With Key

Type: MR-LK04

4.84" x 3.09"(123 x 78.5mm)



Emergency Lock

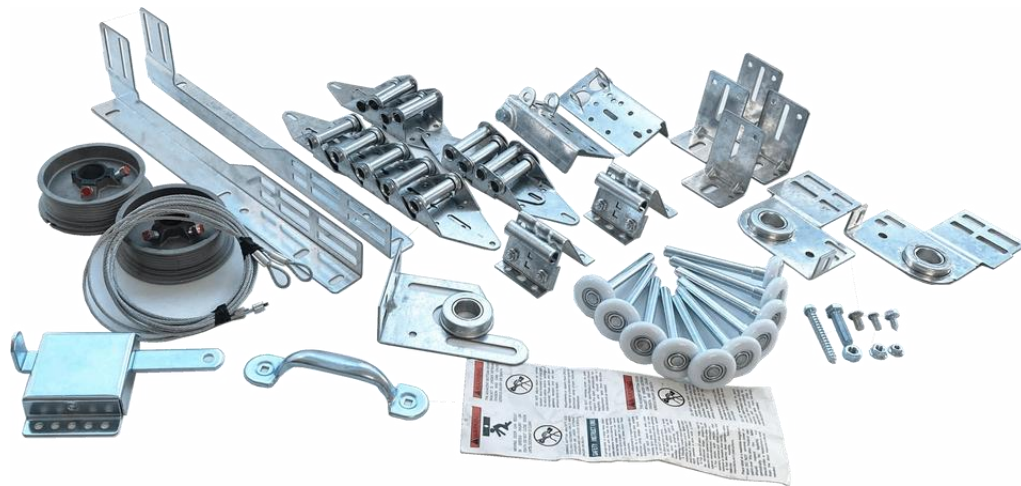
Type: MR-LK05

2.28" x 1.69"(58 x 43mm)

Hardware Kits

8x7, 9x7 Garage Door Hardware Kit

Type: MR-GK01



16x7, 18x7 Garage Door Hardware Kit

Type: MR-GK03



8x8, 9x8 Garage Door Hardware Kit

Type: MR-GK02



16x8, 18x8 Garage Door Hardware Kit

Type: MR-GK04

