

HUBEN[®]
INSIDE

LENAGA[®]



KATALOG
FURNITURE FITTINGS & LIGHTING
EDISI 06

Scan QR Code dibawah untuk mengikuti
update terbaru dari Huben Indonesia!



Website
Huben Indonesia



E-Katalog
Tarikan



E-Katalog
PVC Sheet



@hubenindonesia



Huben Indonesia



Huben Indonesia



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HUBEN®

SERTIFIKASI SGS



REL TANEM



ENGSEL

Ketahanan Karat

**Siklus Pemakaian
80.000 Kali**
Kapasitas Beban 30kg

TEST REPORT No. EHQ22100124982 Date: August 11, 2023 Page 2 of 3			
HUBEN JAKARTA, INDONESIA			
Test Results			
Test Item: Salt Spray Test	Test Method: ISO 9227:2012	Test Conditions:	Concentration of solution: 5% NaCl (w/v)
Chamber Temperature: (50±2)°C	Volume of salt solution collected: (10-20 ml/8h) (w/v)	Unit of collected solution at (24±2)°C: 0.5-2 g	Exposure period: 24h
Test Results:	Assessment Rating (AR):	Observation:	Protection Rating (PR):
Nilai, Toleransi 70-100 AR	Nilai	Waktu, toleransi perubahan due to determination of the coating: 0-10	Nilai
Note: Assessment rating refers to EN ISO 12936:2011, as follows:			
Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)
100	90	80	70
60	50	40	30
20	10	0	0

TEST REPORT No. EHQ22100125092 Date: August 11, 2023 Page 2 of 3			
HUBEN JAKARTA, INDONESIA			
Test Results			
Test Item: Salt Spray Test	Test Method: ISO 9227:2012	Test Conditions:	Concentration of solution: 5% NaCl (w/v)
Chamber Temperature: (50±2)°C	Volume of salt solution collected: (10-20 ml/8h) (w/v)	Unit of collected solution at (24±2)°C: 0.5-2 g	Exposure period: 24h
Test Results:	Assessment Rating (AR):	Observation:	Protection Rating (PR):
Nilai, Toleransi 70-100 AR	Nilai	Waktu, toleransi perubahan due to determination of the coating: 0-10	Nilai
Note: Assessment rating refers to EN ISO 12936:2011, as follows:			
Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)
100	90	80	70
60	50	40	30
20	10	0	0

Ketahanan Karat

**Siklus Pemakaian
50.000 Kali**

TEST REPORT No. EHQ22100125092 Date: August 11, 2023 Page 2 of 3			
HUBEN JAKARTA, INDONESIA			
Test Results			
Test Item: Salt Spray Test	Test Method: ISO 9227:2012	Test Conditions:	Concentration of solution: 5% NaCl (w/v)
Chamber Temperature: (50±2)°C	Volume of salt solution collected: (10-20 ml/8h) (w/v)	Unit of collected solution at (24±2)°C: 0.5-2 g	Exposure period: 24h
Test Results:	Assessment Rating (AR):	Observation:	Protection Rating (PR):
Nilai, Toleransi 70-100 AR	Nilai	Waktu, toleransi perubahan due to determination of the coating: 0-10	Nilai
Note: Assessment rating refers to EN ISO 12936:2011, as follows:			
Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)
100	90	80	70
60	50	40	30
20	10	0	0

TEST REPORT No. EHQ22100125092 Date: August 11, 2023 Page 2 of 3			
HUBEN JAKARTA, INDONESIA			
Test Results			
Test Item: Salt Spray Test	Test Method: ISO 9227:2012	Test Conditions:	Concentration of solution: 5% NaCl (w/v)
Chamber Temperature: (50±2)°C	Volume of salt solution collected: (10-20 ml/8h) (w/v)	Unit of collected solution at (24±2)°C: 0.5-2 g	Exposure period: 24h
Test Results:	Assessment Rating (AR):	Observation:	Protection Rating (PR):
Nilai, Toleransi 70-100 AR	Nilai	Waktu, toleransi perubahan due to determination of the coating: 0-10	Nilai
Note: Assessment rating refers to EN ISO 12936:2011, as follows:			
Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)
100	90	80	70
60	50	40	30
20	10	0	0



PVC BOARD



LIGHTING



RoHS

Formaldehyde Free

RoHS

TEST REPORT No. EHQ22100125092 Date: June 05, 2023 Page 1 of 3			
HUBEN JAKARTA, INDONESIA			
Test Results			
Test Item: RoHS	Test Method: IEC 61241-2-1	Test Conditions:	Concentration of solution: 5% NaCl (w/v)
Chamber Temperature: (50±2)°C	Volume of salt solution collected: (10-20 ml/8h) (w/v)	Unit of collected solution at (24±2)°C: 0.5-2 g	Exposure period: 24h
Test Results:	Assessment Rating (AR):	Observation:	Protection Rating (PR):
Nilai, Toleransi 70-100 AR	Nilai	Waktu, toleransi perubahan due to determination of the coating: 0-10	Nilai
Note: Assessment rating refers to EN ISO 12936:2011, as follows:			
Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)
100	90	80	70
60	50	40	30
20	10	0	0

TEST REPORT No. EHQ22100125092 Date: June 05, 2023 Page 2 of 3			
HUBEN JAKARTA, INDONESIA			
Test Results			
Test Item: RoHS	Test Method: IEC 61241-2-1	Test Conditions:	Concentration of solution: 5% NaCl (w/v)
Chamber Temperature: (50±2)°C	Volume of salt solution collected: (10-20 ml/8h) (w/v)	Unit of collected solution at (24±2)°C: 0.5-2 g	Exposure period: 24h
Test Results:	Assessment Rating (AR):	Observation:	Protection Rating (PR):
Nilai, Toleransi 70-100 AR	Nilai	Waktu, toleransi perubahan due to determination of the coating: 0-10	Nilai
Note: Assessment rating refers to EN ISO 12936:2011, as follows:			
Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)
100	90	80	70
60	50	40	30
20	10	0	0

TEST REPORT No. EHQ22100125092 Date: June 05, 2023 Page 1 of 3			
HUBEN JAKARTA, INDONESIA			
Test Results			
Test Item: RoHS	Test Method: IEC 61241-2-1	Test Conditions:	Concentration of solution: 5% NaCl (w/v)
Chamber Temperature: (50±2)°C	Volume of salt solution collected: (10-20 ml/8h) (w/v)	Unit of collected solution at (24±2)°C: 0.5-2 g	Exposure period: 24h
Test Results:	Assessment Rating (AR):	Observation:	Protection Rating (PR):
Nilai, Toleransi 70-100 AR	Nilai	Waktu, toleransi perubahan due to determination of the coating: 0-10	Nilai
Note: Assessment rating refers to EN ISO 12936:2011, as follows:			
Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)	Assessment Rating (AR)
100	90	80	70
60	50	40	30
20	10	0	0

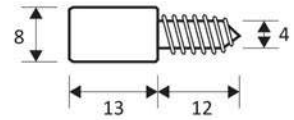
AMBALAN



AB-813

Ambalan Besi Bulat

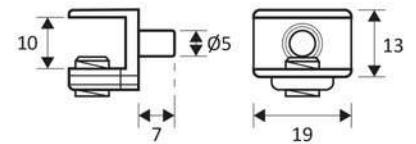
Material : Besi
Finish : Nickel



AJ-9

Ambalan Jepit (Pin)

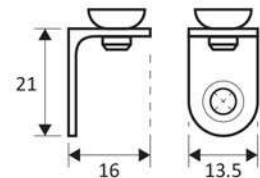
Material : Zinc Alloy
Finish : Nickel



AKZ-14

Ambalan Kaca Zinc

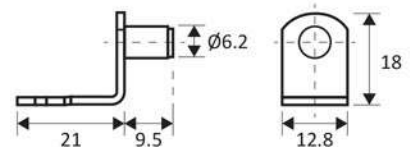
Material : Zinc Alloy
Finish : Nickel



AK-06

Ambalan Karet

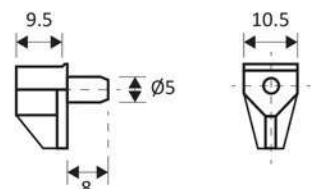
Material : Besi Plat
Finish : Galvanized



AB-5

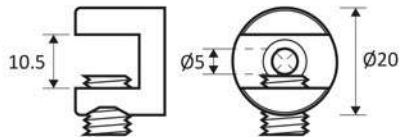
Ambalan Bening

Material : Besi & Plastik
Finish : Galvanized





F-004
Ambalan Jepit Kaca
 Material : Zinc Alloy
 Finish : Nickel



Segera Hadir

BRACKET & PIPA GANTUNG



Bracket

Tersedia Diameter
 Ø 19 & 25 mm



BP

PT

PU



Bracket



BP-16

HUBEN®

STAINLESS STEEL

PSS-19 & PSS-25 Pipa Bulat

Diameter : 19 & 25 mm
 Panjang : 3 m

PSS-1530 Pipa Oval

Ukuran : 15 x 30 mm
 Panjang : 3 m

HUBEN®

BESI CHROME

PBC-25 Pipa Bulat

Diameter : 25 mm
 Panjang : 1.05 & 3 m

PBC-1530 Pipa Oval

Ukuran : 15 x 30 mm
 Panjang : 3 m

LENAGA®

STAINLESS STEEL

LPS-25 Pipa Bulat

Diameter : 25 mm
 Panjang : 3 m

LPS-1530 Pipa Oval

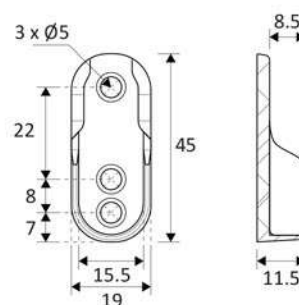
Ukuran : 15 x 30 mm
 Panjang : 3 m



BP-16

Bracket Pipa Oval

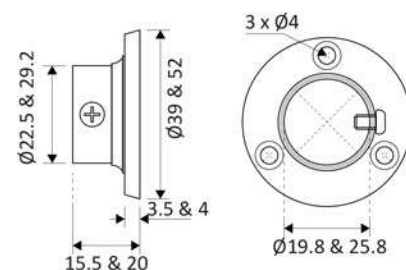
Material : Zinc Alloy
Finish : Nickel
Diameter : 16 mm



BP-19 & BP-25

Bracket Pipa Topi

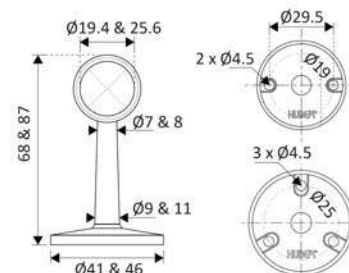
Material : Zinc Alloy
Finish : Chrome
Diameter : 19 & 25 mm



PT-19 & PT-25

Bracket Tiang Tengah

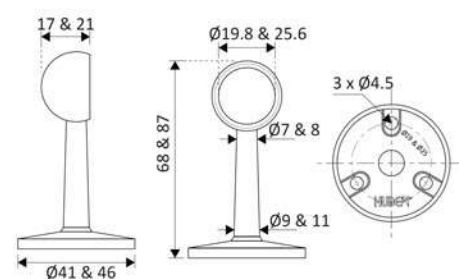
Material : Zinc Alloy
Finish : Chrome
Diameter : 19 & 25 mm



PU-19 & PU-25

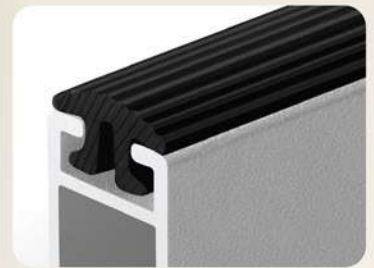
Bracket Tiang Ujung

Material : Zinc Alloy
Finish : Chrome
Diameter : 19 & 25 mm



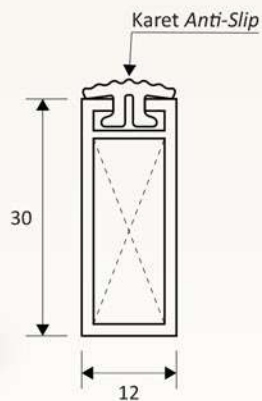


Termasuk Karet



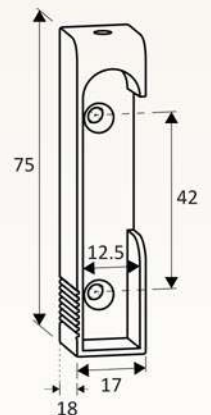
PAL-3012 **Pipa Aluminium**

Material : Aluminium
Warna : Abu, Hitam
Panjang : 3 meter

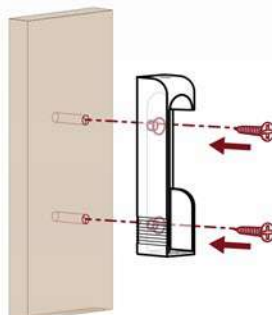


BP-3012 **Bracket Pipa Aluminium**

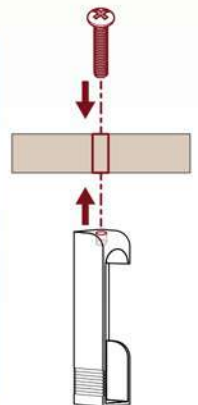
Material : Aluminium
Warna : Abu, Hitam



Opsi Pasang Samping



Opsi Pasang Atas



ENGSEL

Engsel Frame Aluminium

Klip-on



SLOW MOTION

EFA-0

Lurus

EFA-8

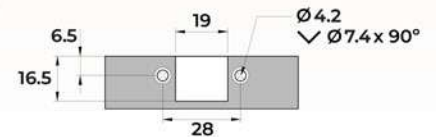
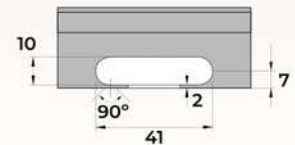
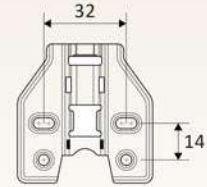
Semi Bungkok

EFA-16

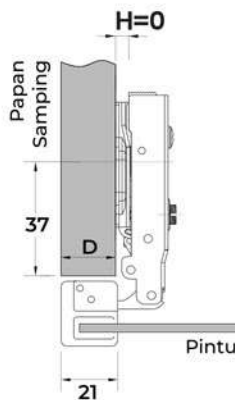
Full Bungkok

Material : Besi Plat

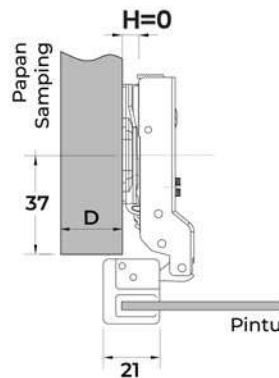
Finish : Dark Steel (Hitam)



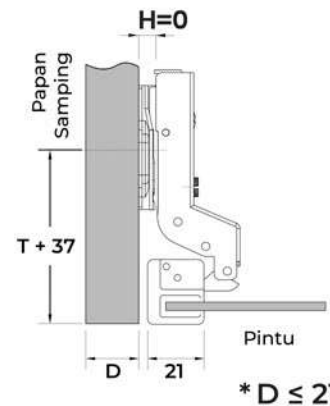
Lurus (0)



Semi Bungkok (8)



Full Bungkok (16)



* $D \leq 21$

Moulding Lubang Engsel EFA

Lihat Cara Pasang





SLOW MOTION

Engsel Sendok 165°

Klip-on

E-180-SM-0

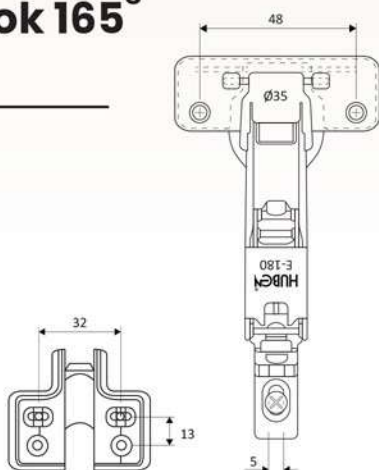
Lurus

E-180-SM-8

Semi Bungkuk

E-180-SM-16

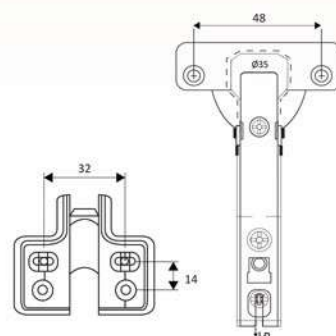
Full Bungkuk



Engsel Bifold 135°

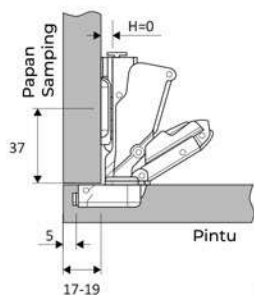
Slide-on

BIFOLD-135

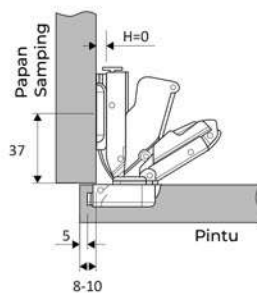


Material : Besi Plat
Finish : Nickel

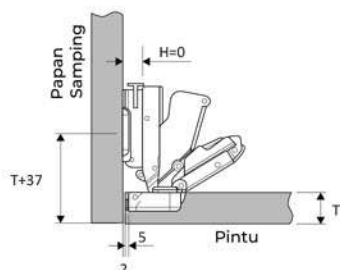
Lurus (0)



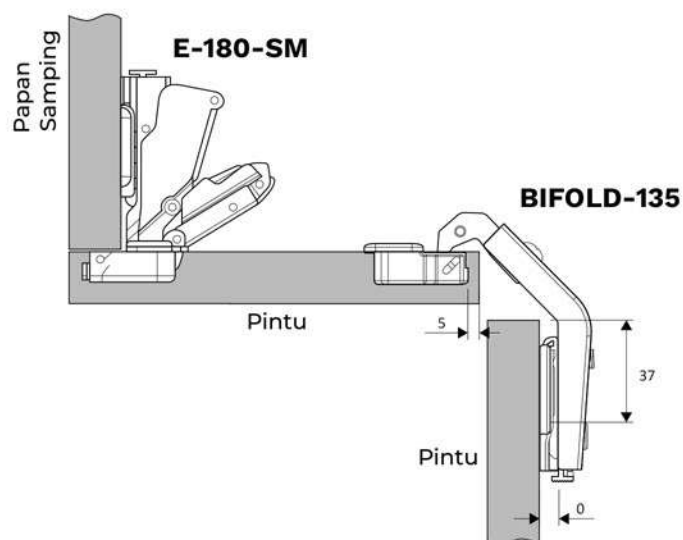
Semi Bungkuk (8)



Full Bungkuk (16)



KOMBINASI E-180-SM & BIFOLD-135





Engsel Sendok AP-3D

Klip-on

AP-3D-0-NICKEL

Lurus

AP-3D-0-DARK

Lurus

AP-3D-8-NICKEL

Semi Bungkok

AP-3D-8-DARK

Semi Bungkok

AP-3D-16-NICKEL

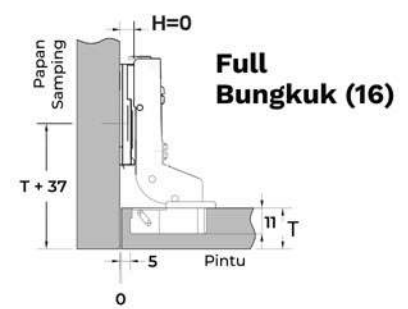
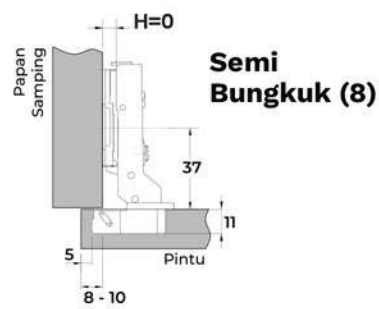
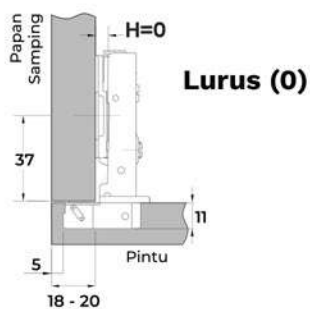
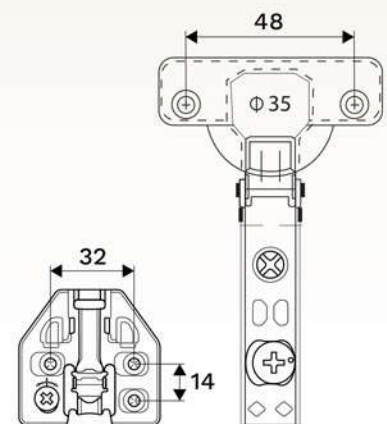
Full Bungkok

AP-3D-16-DARK

Full Bungkok

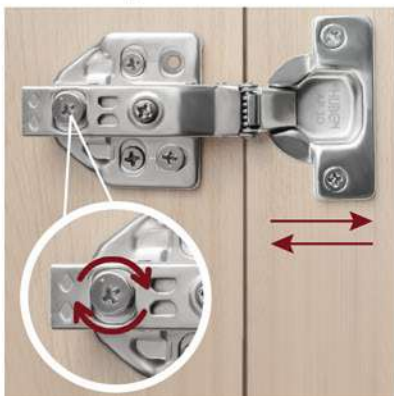
Material : Besi Plat

Finish : Nickel, Dark Steel (Hitam)

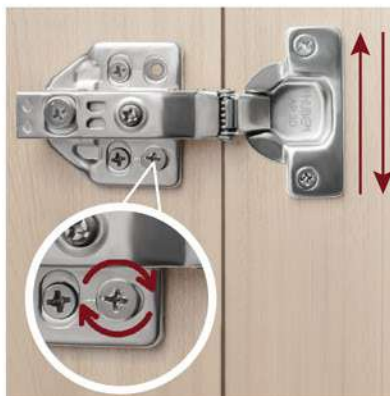


Setelan 3 Dimensi

Maju - Mundur



Atas - Bawah



Kanan - Kiri





SLOW MOTION

Engsel Sendok AP

Klip-on

AP-0-L4

Lurus

AP-8-L4

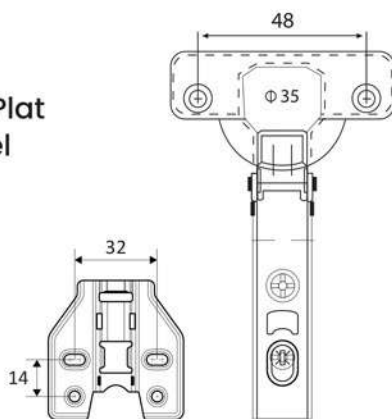
Semi Bungkok

AP-16-L4

Full Bungkok

Material : Besi Plat

Finish : Nickel



**STAINLESS
STEEL**

SLOW MOTION

Engsel Sendok SUS

Klip-on

SUS-0-L4

Lurus

SUS-8-L4

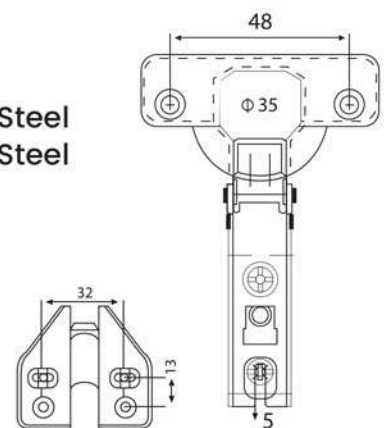
Semi Bungkok

SUS-16-L4

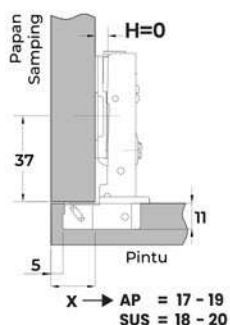
Full Bungkok

Material : Stainless Steel

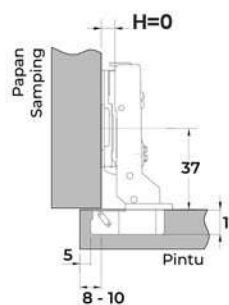
Finish : Stainless Steel



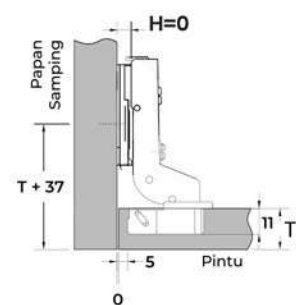
Lurus (0)



Semi Bungkok (8)



Full Bungkok (16)





SLOW MOTION

Engsel Sendok SM

Klip-on

SM-0-L4

Lurus

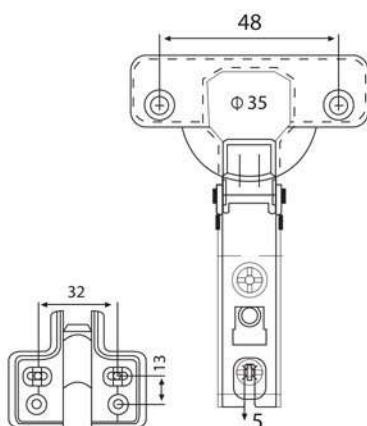
SM-8-L4

Semi Bungkuk

SM-16-L4

Full Bungkuk

SGS



LENAGA®

SLOW MOTION

Engsel Sendok EK

Klip-on

EK-0-L4

Lurus

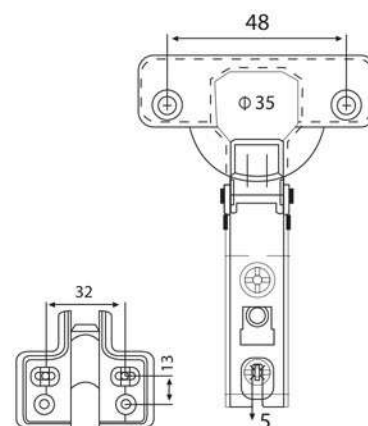
EK-8-L4

Semi Bungkuk

EK-16-L4

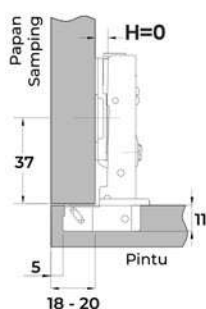
Full Bungkuk

SGS

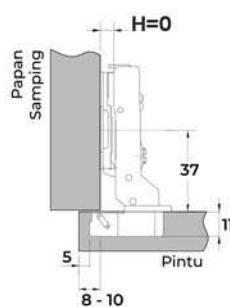


Material : Besi Plat
Finish : Nickel

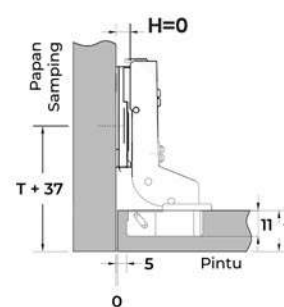
Lurus (0)



Semi Bungkuk (8)



Full Bungkuk (16)





Engsel Sendok HT

Slide-on

HT-0-L4

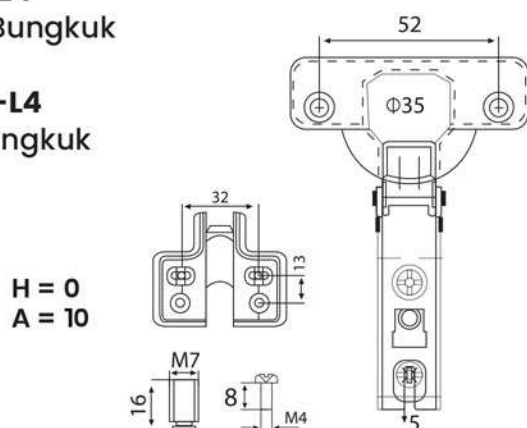
Lurus

HT-8-L4

Semi Bungkuk

HT-16-L4

Full Bungkuk



H = 0
A = 10



Engsel Sendok MT

Slide-on

MT-0-L4

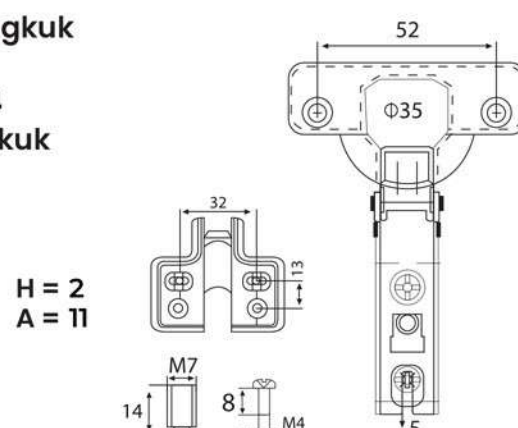
Lurus

MT-8-L4

Semi Bungkuk

MT-16-L4

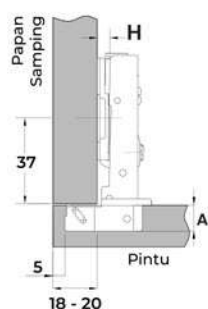
Full Bungkuk



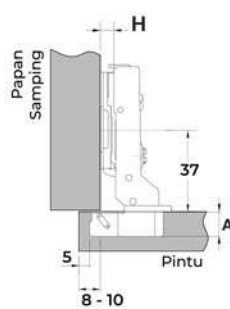
H = 2
A = 11

Material : Besi Plat
Finish : Nickel

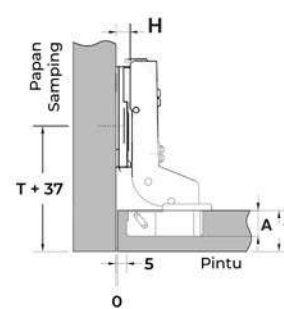
Lurus (0)



Semi Bungkuk (8)



Full Bungkuk (16)





Engsel Sendok HB

Slide-on

HB-0-L4

Lurus

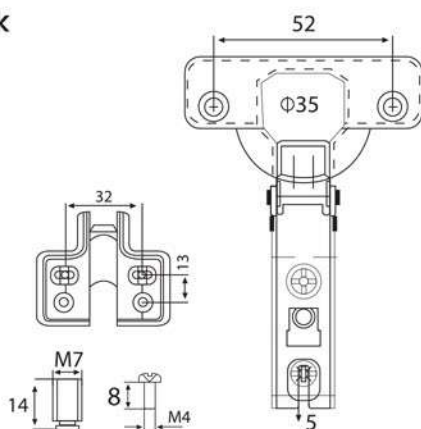
HB-8-L4

Semi Bungkuk

HB-16-L4

Full Bungkuk

H = 2
A = 11



MINI

Engsel Sendok MH

Slide-on

MH-0

Lurus

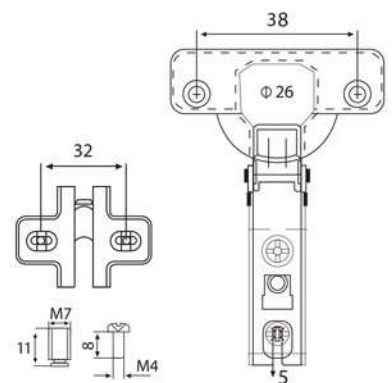
MH-8

Semi Bungkuk

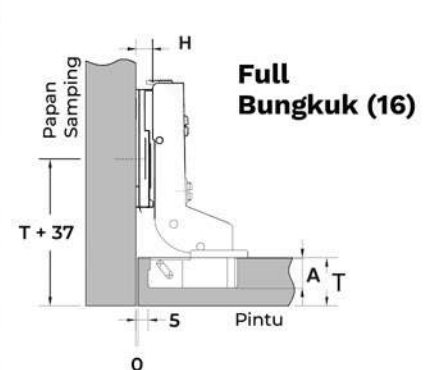
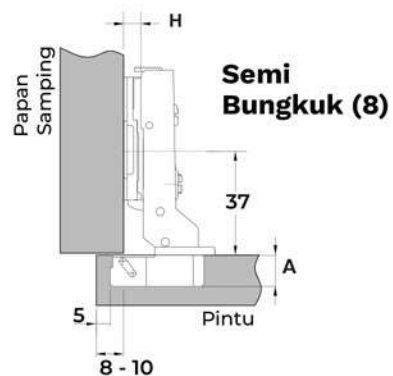
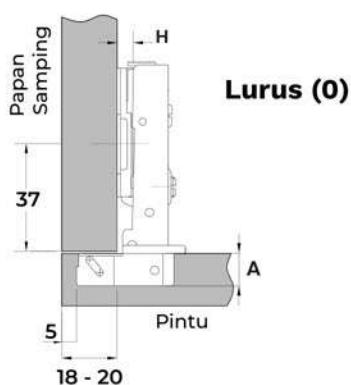
MH-16

Full Bungkuk

H = 0
A = 8.5



Material : Besi Plat
Finish : Nickel

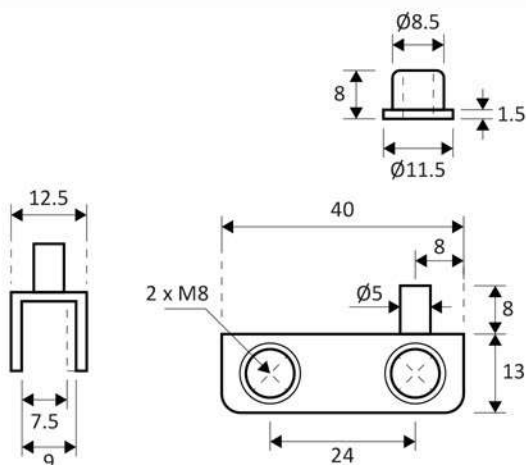




Engsel Kaca Jepit T-86

Material : Besi
Finish : Nickel

Ketebalan Kaca : 4 - 8 mm



SLOW MOTION

Engsel Sendok Kaca KS

Klip-on

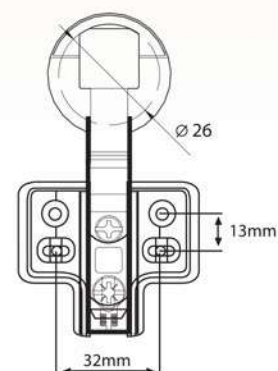
KS-0-L4

Lurus

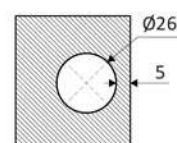
KS-16-L4

Full Bungkuk

Material : Besi Plat
Finish : Nickel



Ketebalan Kaca : 4 - 6 mm



Cover





Engsel Sendok Kaca HEK

Slide-on

HEK-0-L4

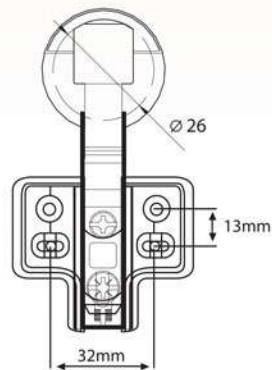
Lurus

HEK-16-L4

Full Bungkuk

Material : Besi Plat

Finish : Nickel



Engsel Sendok Kaca GH

Key Hole

GH-0

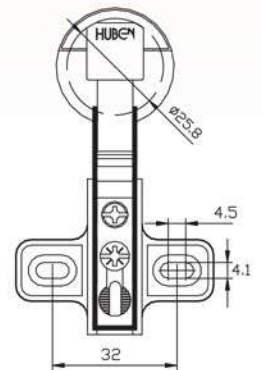
Lurus

GH-16

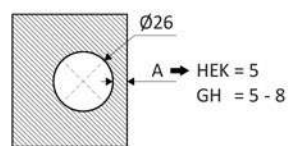
Full Bungkuk

Material : Besi Plat

Finish : Nickel



Ketebalan Kaca : 4 - 6 mm



Cover



Segera Hadir

KUNCI



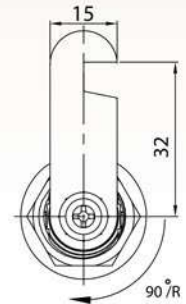
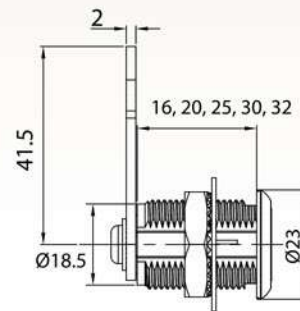
HL-103

Kunci Camlock

Diameter Silinder : 19 mm

Panjang Silinder : 16, 20, 25, 30, 32 mm

Material Kerangka : Zinc Alloy



HL-105

Kunci Tekan (Push Lock)

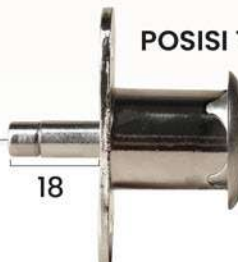
Diameter Silinder : 19 mm

Material Silinder : Zinc Alloy

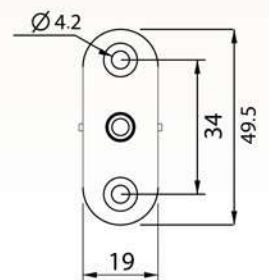
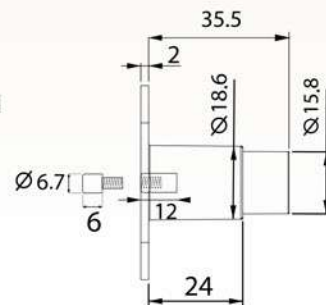
Material Kerangka : Zinc Alloy

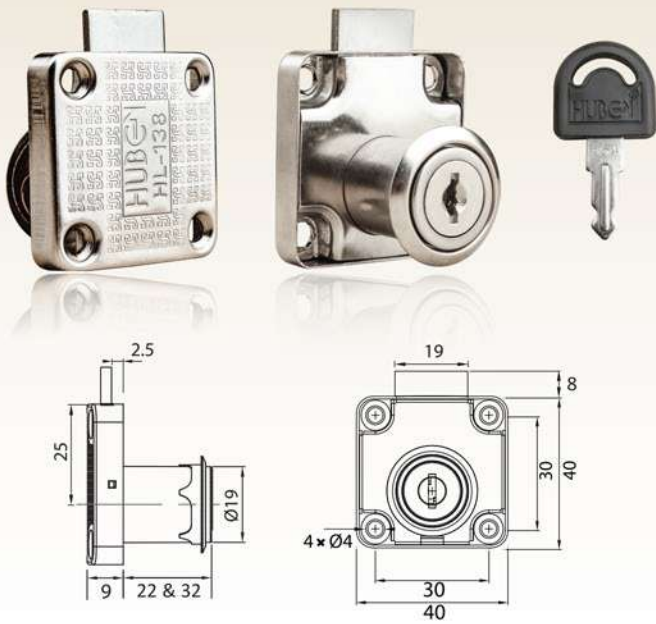


POSISI TERKUNCI



Panjang
dapat Diatur





HL-138

Kunci Kerangka Padat

Diameter Silinder	: 19 mm
Panjang Silinder	: 22 mm & 32 mm
Material Silinder	: Zinc Alloy & Besi
Material Kerangka	: Plat Besi



HM-181-M2

Kunci Kerangka Kosong

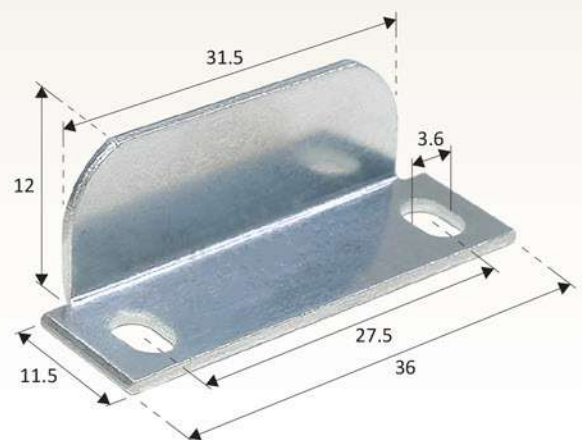
Diameter Silinder	: 19 mm
Material Silinder	: Zinc Alloy
Material Kerangka	: Plat Besi

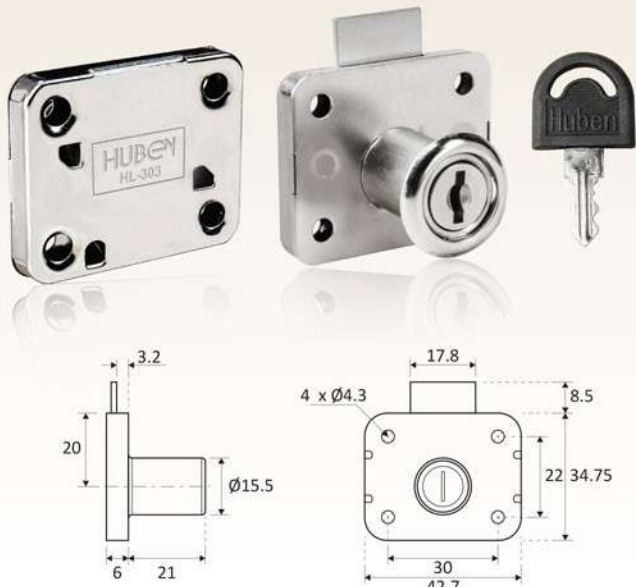


PLAT-L-36

Plat L Kunci 36 mm

Finish : Nickel





HL-303

Kunci Laci

Diameter Silinder : 16 mm
Material Silinder : Zinc Alloy
Material Kerangka : Plat Besi

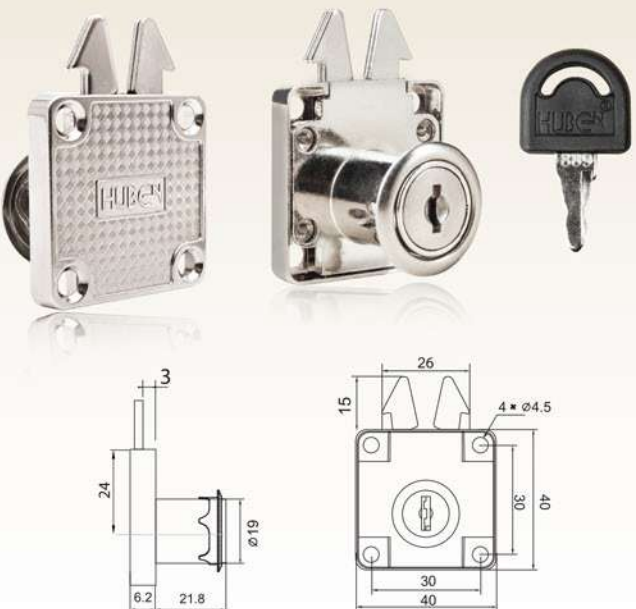
LENAGA®



LE-303

Kunci Laci

Diameter Silinder : 16 mm
Material Silinder : Nylon
Material Kerangka : Plat Besi



HL-202

Kunci Mekar

Diameter Silinder : 19 mm
Material Silinder : Zinc Alloy
Material Kerangka : Zinc Alloy



HL-505-M2

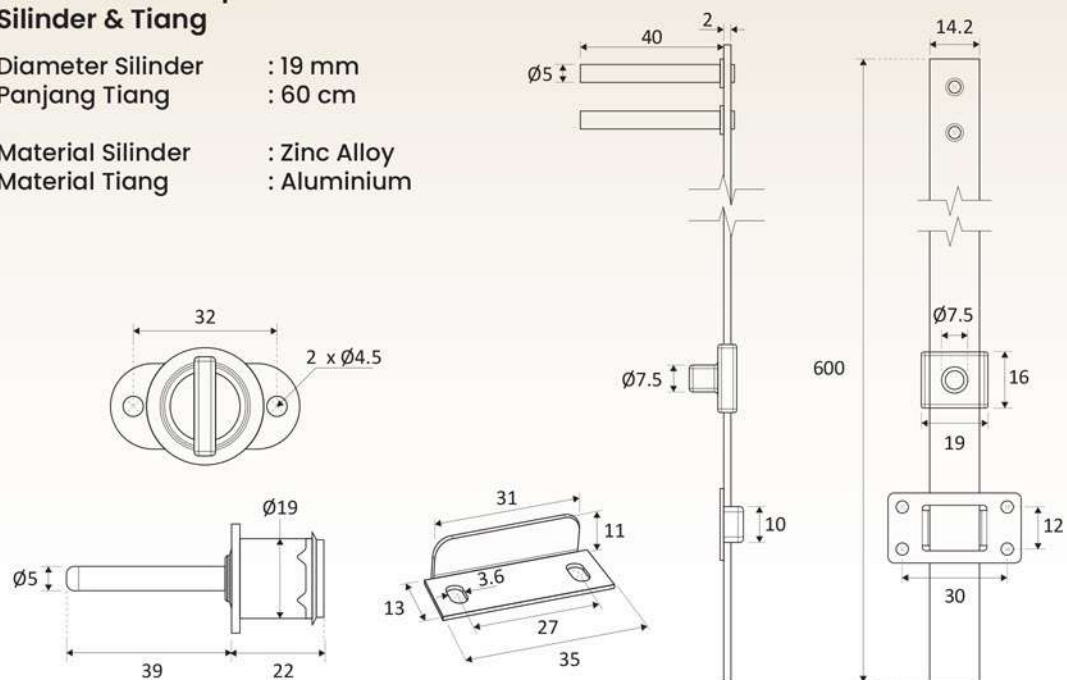
Kunci Mekar

Diameter Silinder : 19 mm
Material Silinder : Zinc Alloy
Material Kerangka : Plat Besi

HL-288 Kunci Central Depan Silinder & Tiang

Diameter Silinder : 19 mm
Panjang Tiang : 60 cm

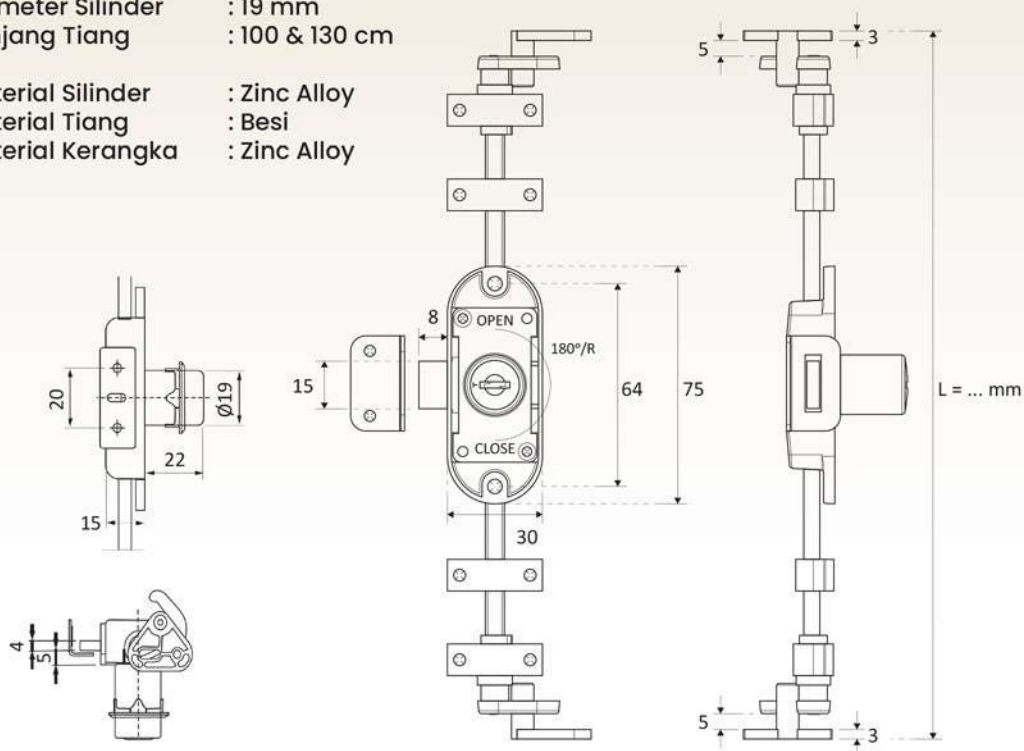
Material Silinder : Zinc Alloy
Material Tiang : Aluminium



HL-690 Kunci Espagnolette

Diameter Silinder : 19 mm
Panjang Tiang : 100 & 130 cm

Material Silinder : Zinc Alloy
Material Tiang : Besi
Material Kerangka : Zinc Alloy





HL-702

Kunci Kaca Kait Double

Diameter Silinder	: 20 mm
Material Silinder	: Zinc Alloy
Material Kerangka	: Zinc Alloy
Untuk Ketebalan Kaca	: 4-8 mm



HL-140

Kunci Gergaji

Diameter Silinder	: 18 mm
Material Silinder	: Zinc Alloy
Panjang Gergaji	: 140 mm

Segera Hadir

HUBEN®

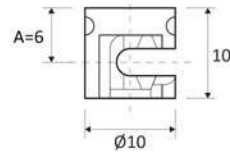
MINIFIX



MF-10-G

Casing Minifix

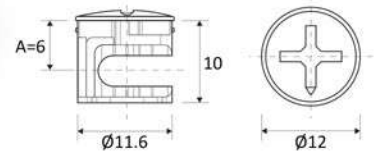
Material : Zinc Alloy



MF-105

Casing Minifix

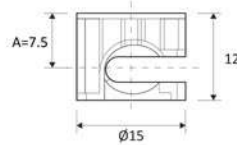
Material : Zinc Alloy



MF-15-G

Casing Minifix

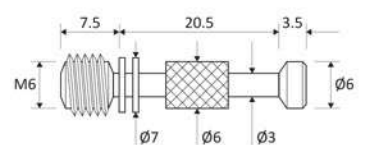
Material : Zinc Alloy



HG-624

Skrup Minifix

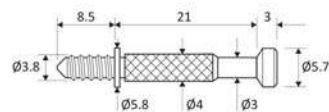
Material : Besi



KSF-5533-9

Skrup Minifix

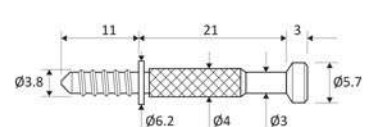
Material : Besi



KSF-6536-11

Skrup Minifix

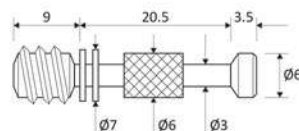
Material : Besi



DU-6249

Skrup Minifix

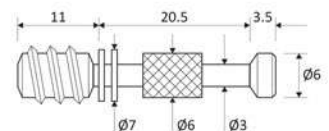
Material : Besi



DU-62411

Skrup Minifix

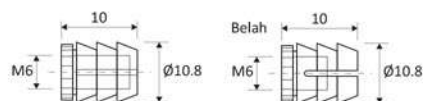
Material : Besi



NS-10, NS-10-B

Nylon Socket - M6 x 10mm

Pasangan Skrup : HG-624

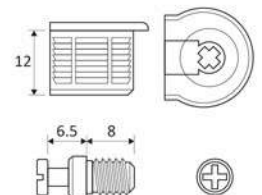
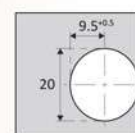


DO-02

Camfix

Warna : Coklat

Material : Plastik & Zinc Alloy



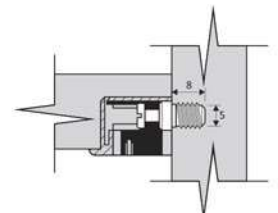
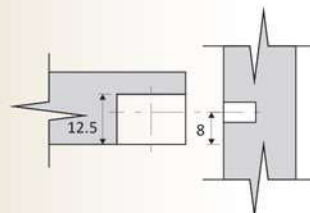
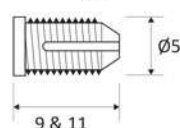
Fisher

FIS-59 5 x 9 mm (Merah)

FIS-512 5 x 12 mm (Putih)

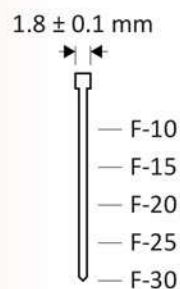
Pasangan Skrup : KSF-5533-9

KSF-6536-11



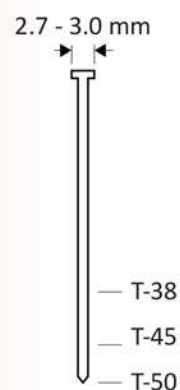
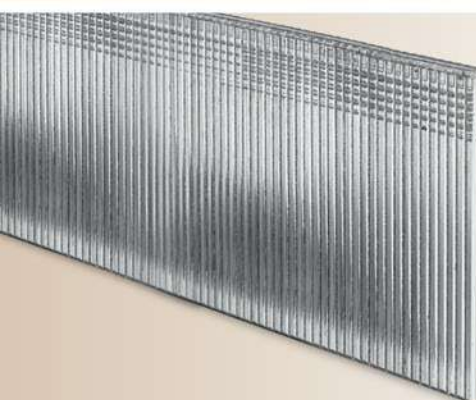
STAPLES

Material : Besi



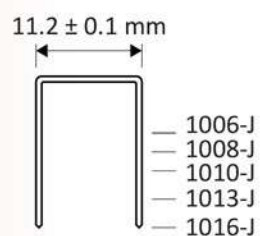
Tipe F

Kode : F-10, F-15, F-20, F-25, F-30



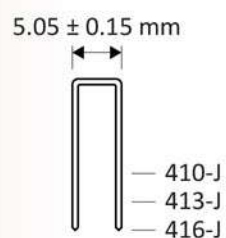
Tipe T

Kode : T-38, T-45, T-50



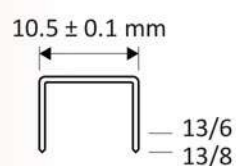
Tipe 10 J

Kode : 1006-J, 1008-J, 1010-J
1013-J, 1016-J



Tipe 4 J

Kode : 410-J, 413-J, 416-J



Tipe 13

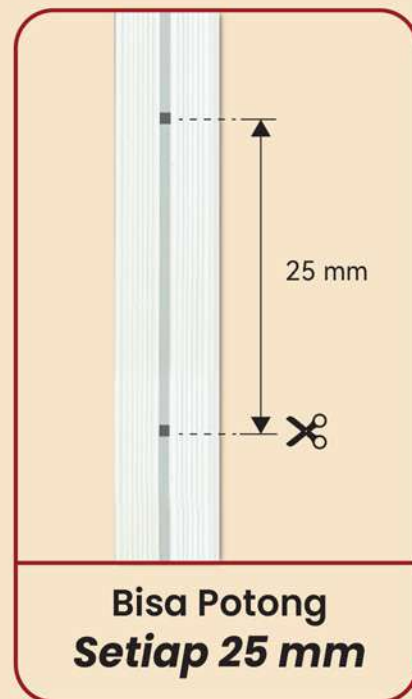
Kode : 13/6, 13/8

HUBEN®

LIGHTING

LED FLEXI 12V

50 meter / Rol



WARNA LAMPU

**Kuning
3000K**

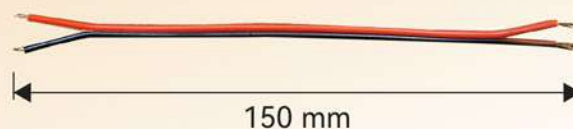
**Natural
4000K**

UKURAN (mm)



FITTINGS FLEXI

KABEL



BRACKET



COVER



LED STRIP 12V

5 meter / Rol

IP 20

RoHS

WARNA LAMPU

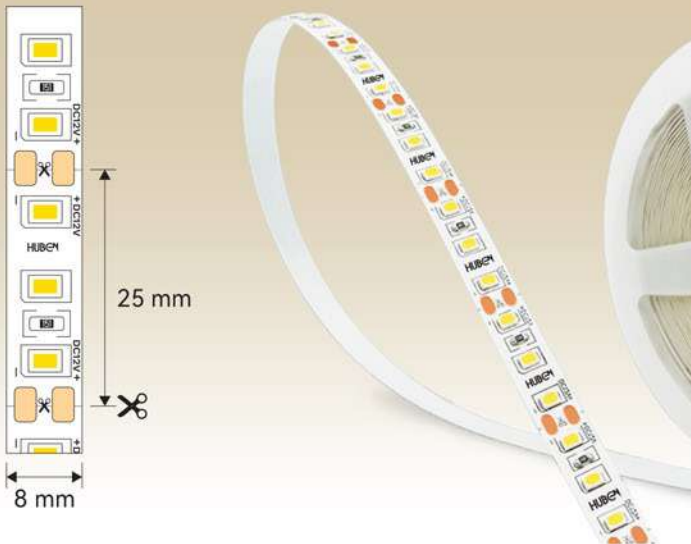
Kuning
3000K

Natural
4000K

Putih
6500K

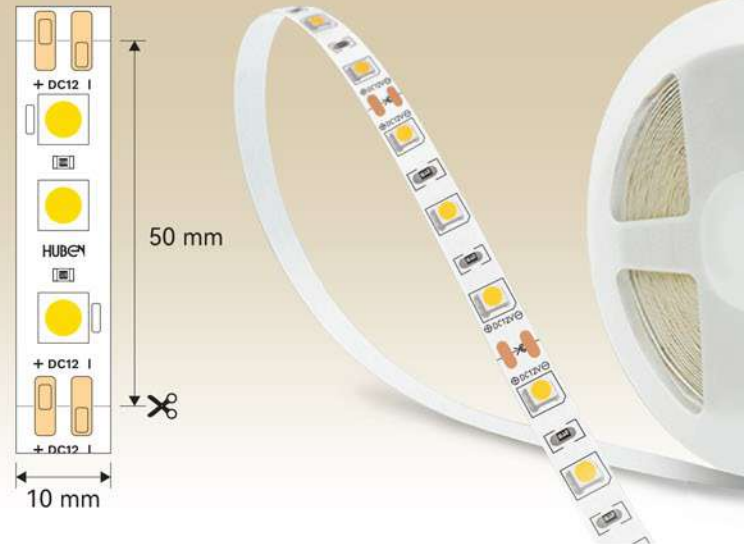
LED-2835-120

- Mata Kecil
- 120 LED / m



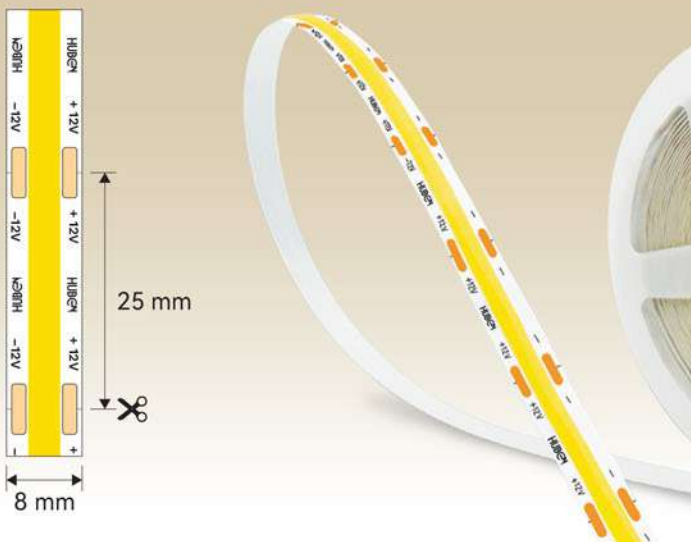
LED-5050-60

- Mata Besar
- 60 LED / m



LED-COB-320

- COB 8 mm
- 320 LED / m



KONEKTOR LED STRIP

KONEKTOR-LED-8

- Mata Kecil
- COB 8 mm

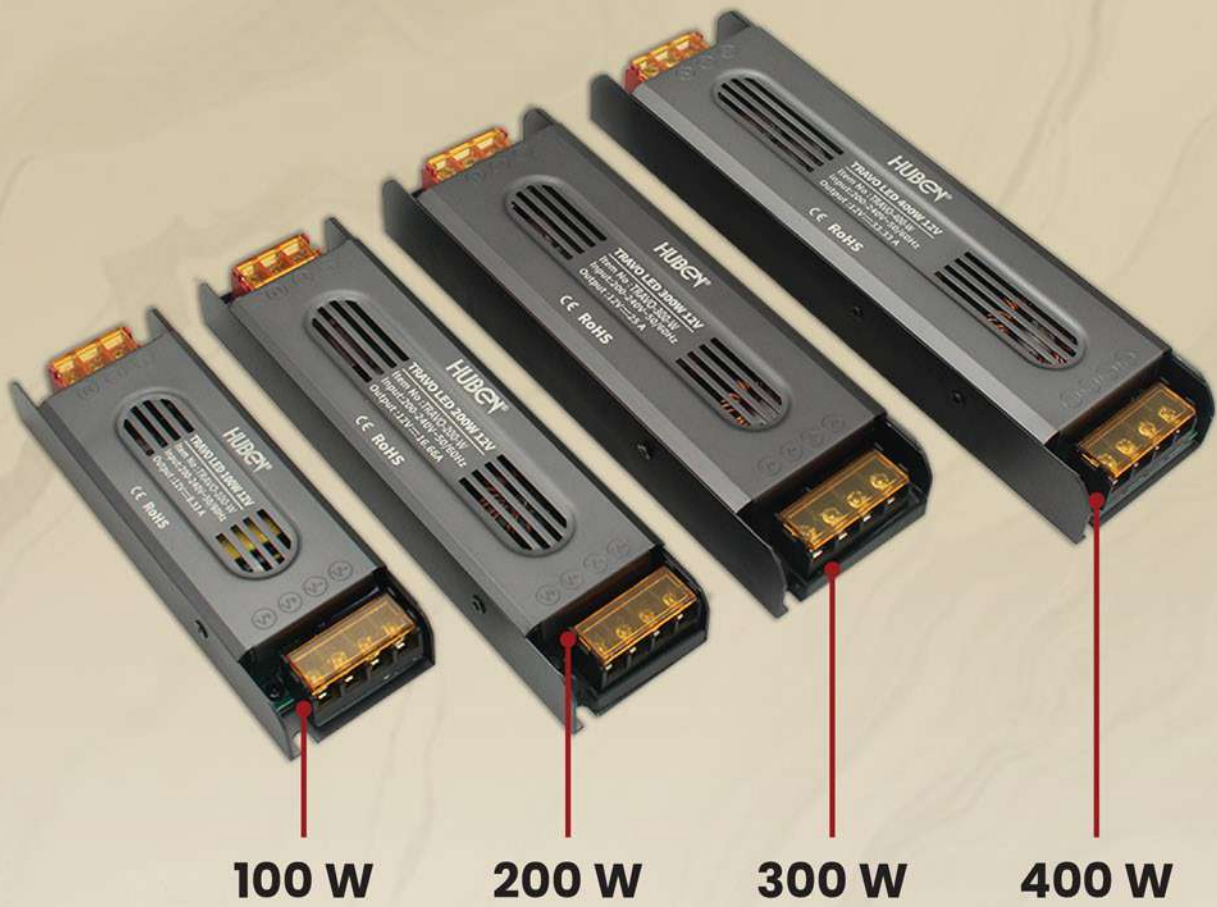


KONEKTOR-LED-10

- Mata Besar



TRAVO LED 12V



KONEKTOR KE TRAVO



KABEL ON / OFF

Panjang : 1 meter



RULAM-10-LED

Rumah Lampu Berikut LED Strip

KUNING - 3000K

NATURAL - 4000K



**CAHAYA LAMPU
LEBIH MERATA**



**BEBAS POTONG
DIMANA SAJA**



**LANGSUNG COLOK
TANPA SOLDER**

- Panjang 3 meter
- 130 LED / m

AKSESORIS

COVER



KABEL-10

Panjang : 180 cm



BRACKET

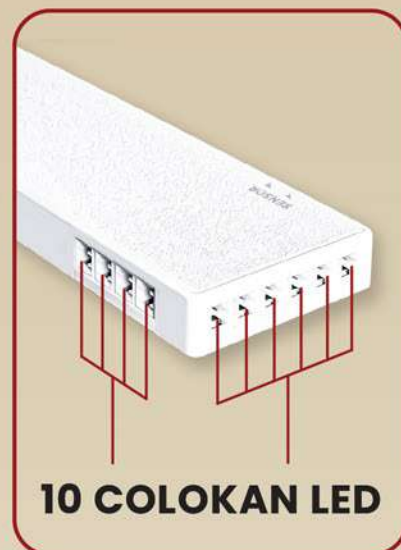


DRIVER 60W 12V

DR-60-W



Colokan **SENSOR LAMPU**
Colokan Lampu Tegangan Tinggi



SENSOR LAMPU

SENSOR-P-1

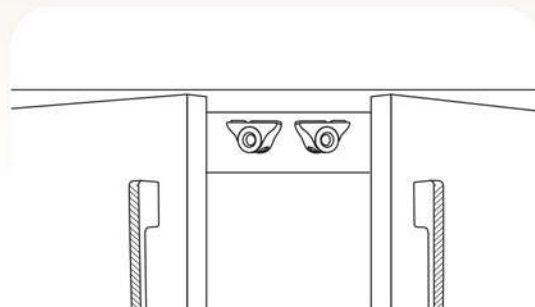
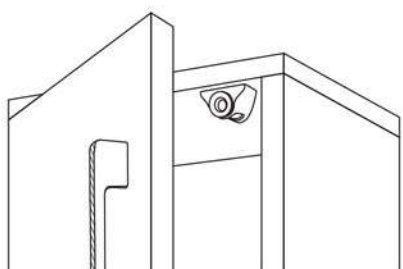
Pintu Single



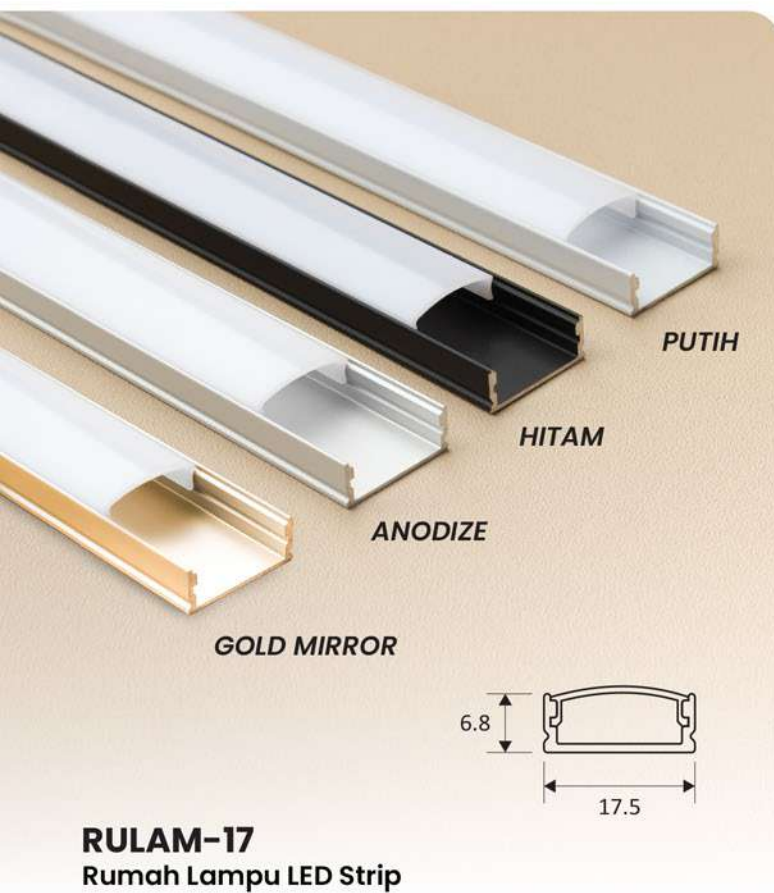
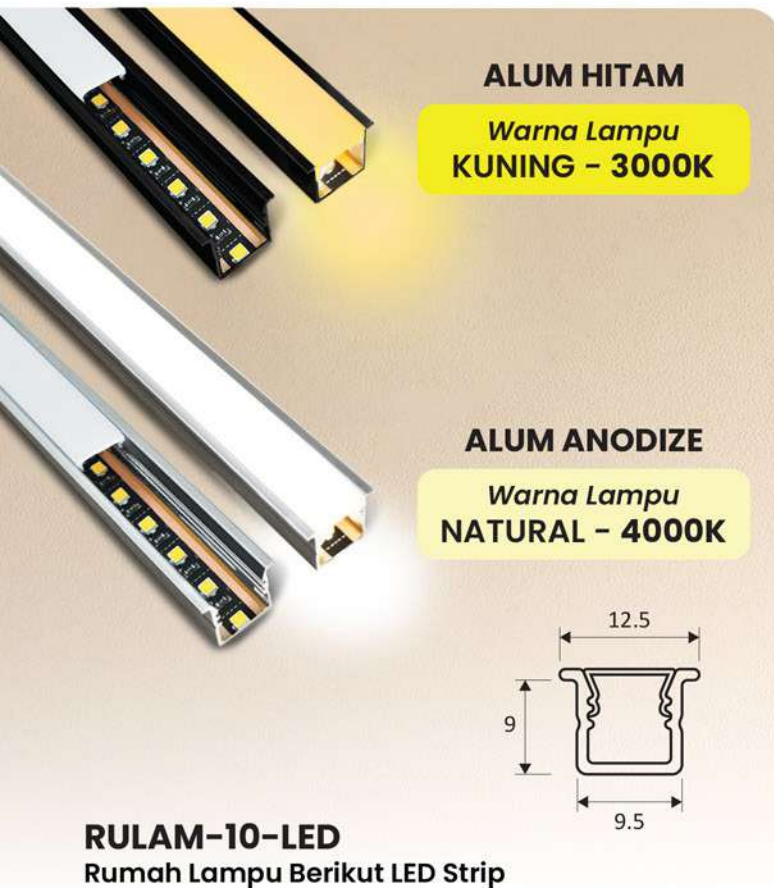
Dengan
Perekat

SENSOR-P-2

Pintu Double



Panjang : 3 Meter



HUBEN®

PVC BOARD

Tersertifikasi

SGS

UKURAN
1220 x 2440 mm

KETEBALAN mm	KEPADATAN g / cm ³
3	0.55
5	0.5
9	0.5
12	0.5
15	0.5
18	0.5



**Anti
Rayap**



**Bebas
Timbal**



Anti Air



**Tidak
Mudah Terbakar**

Contoh Pemakaian

- ✓ Partisi
- ✓ Kitchen Set & Furnitur
- ✓ Plafon
- ✓ Papan Iklan, Dll.



PVC SHEET

Ketebalan : 0.3 mm

Kode Barang : PL, SK

Tersedia lebih dari 120 pilihan warna



LAIN-LAIN

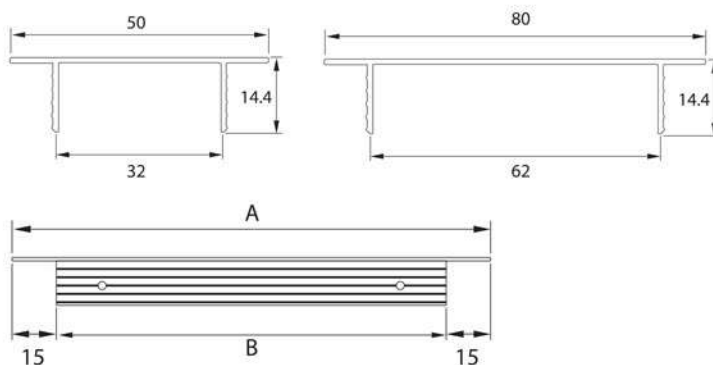
Lubang Udara Aluminium

LUA-50

Finish : Anodize, Hitam, Gold
 Panjang A : 150 - 200 - 250 - 300
 Panjang B : A - 30

LUA-80

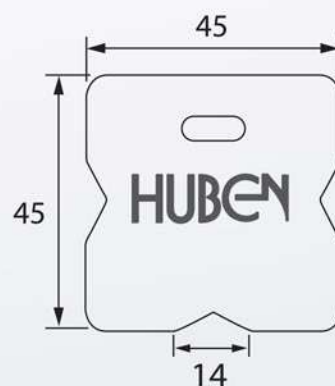
Finish : Anodize, Hitam, Gold
 Panjang A : 150 - 200 - 250 - 300 - 350 - 400
 Panjang B : A - 30



ETRIM-40

Edging Trimmer SS

Material : Stainless Steel



HUBEN® TIP-ON



**STAINLESS
STEEL**

TO-1

16 NEWTON

Plat Bulat



TO-2

16 NEWTON

Plat Persegi



Tersedia Warna

○ Putih

● Abu



TO-3-SS

18 NEWTON

Plat Bulat



TIP-ON BESAR

TO-4-35N

35 NEWTON

Plat Bulat

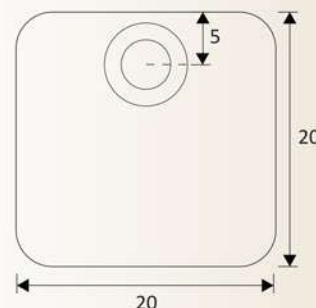


PLAT PERSEGI

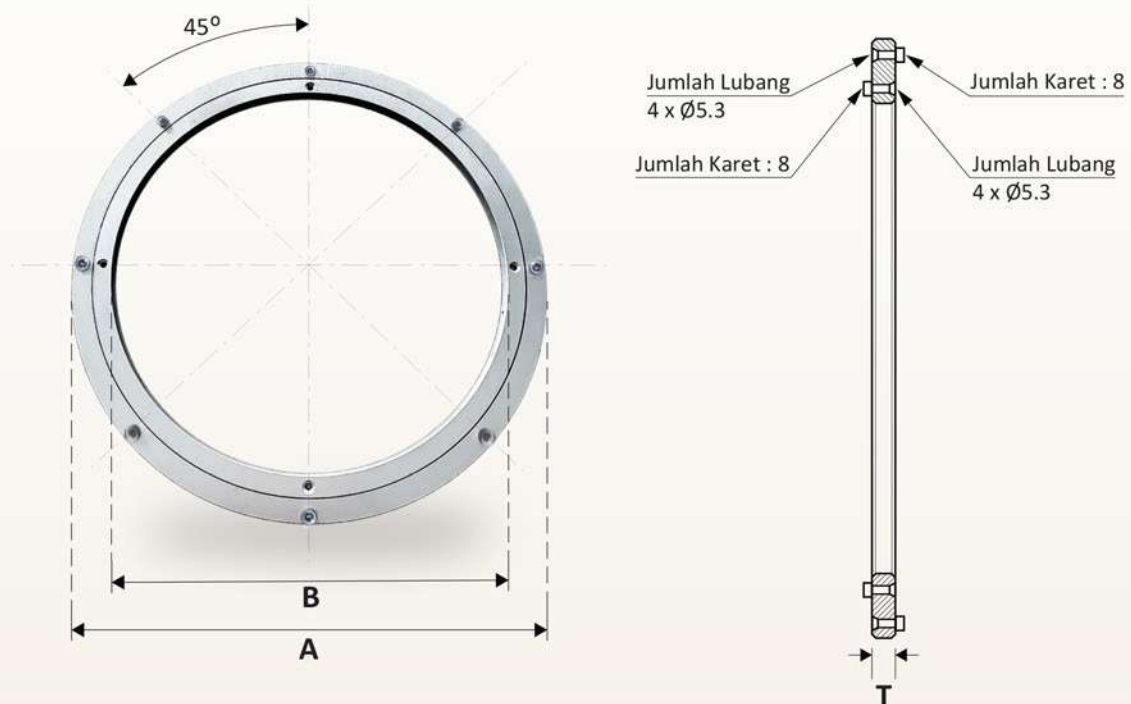
Material : Plat Besi



Dengan Perekat



RING MEJA ALUMINIUM



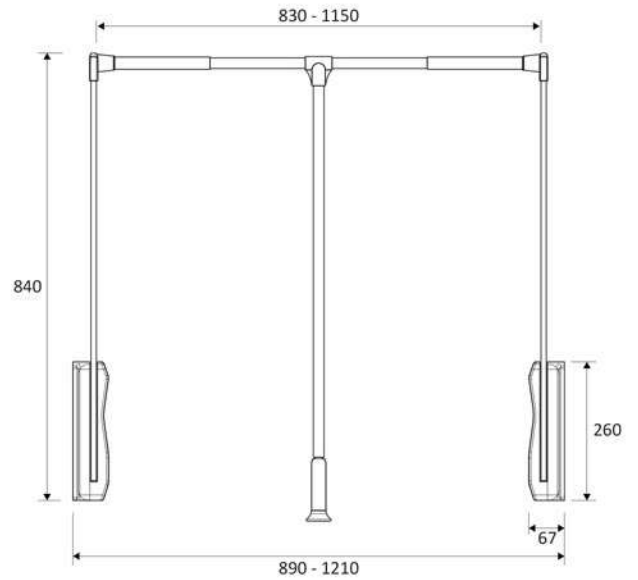
Dalam satuan milimeter (mm)

UKURAN	KM			RIMA		
	T	A	B	T	A	B
200	10	200	145	-	-	-
300	10	300	245	9	300	244
400	11	400	335	9	391	338
500	12	500	430	9	486	427



WL-115 Junior Lift

Warna : Silver, Hitam
Kapasitas Beban : 12kg

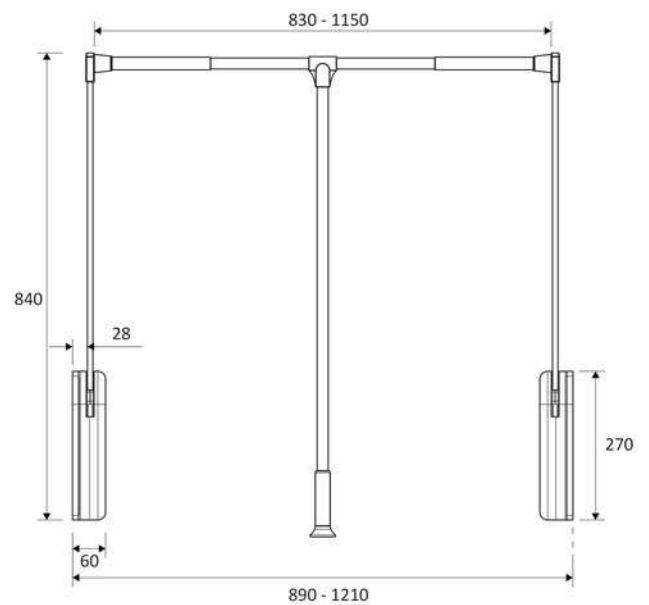


SLOW MOTION



WL-200-SM Wardrobe Lift Slow-Mo

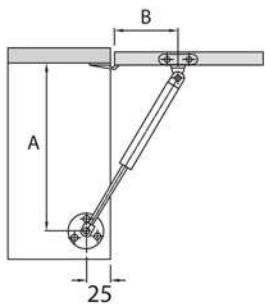
Warna : Silver, Hitam
Kapasitas Beban : 10kg



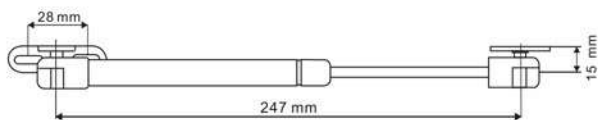


GS Gas Spring

Mini 60N, 60N, 80N, 100N, 150N



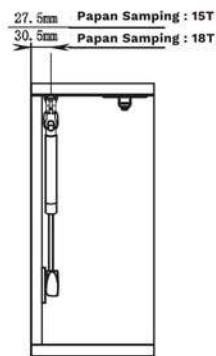
SUDUT BUKAAN	A	B
75°	260	80
90°	238	80
110°	215	70



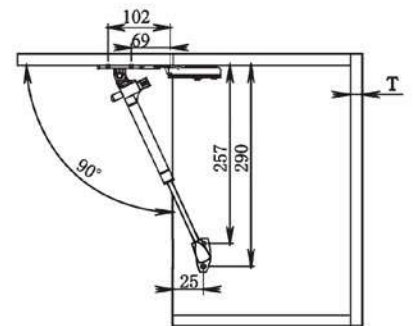
Slow Motion

GSM Gas Spring Slow-Mo

80N, 100N, 150N

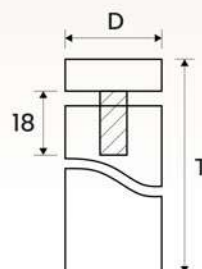


Tampak Depan



Tampak Samping

PIK Pen Iklan SS



DIAMETER (D)	TINGGI (T)
12	20, 25, 30
16	20, 25, 30
19	20, 25, 30, 40, 50
25	25, 30, 40, 50
30	30

Dalam satuan milimeter (mm)



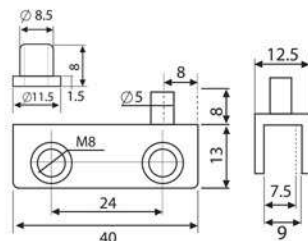
T-86

Engsel Kaca Jepit

Material : Besi

Finish : Nickel

Ketebalan Kaca : 4 - 8 mm

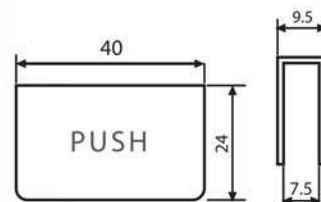


PS-17

Push Single

Material : Plat Besi

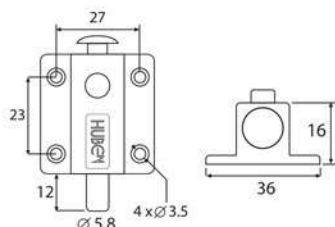
Finish : Chrome



GP-27

Grendel Tekan

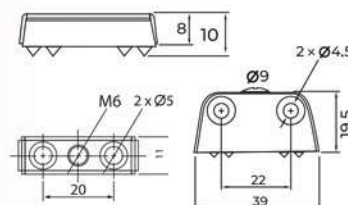
Warna : Coklat, Hitam, Putih



TR-40

Trapes

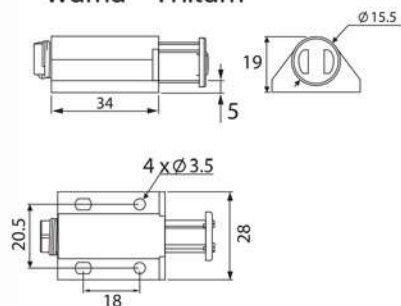
Warna : Coklat, Putih



MS-31

Magnet Single

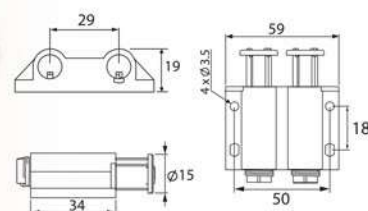
Warna : Hitam



MD-32

Magnet Double

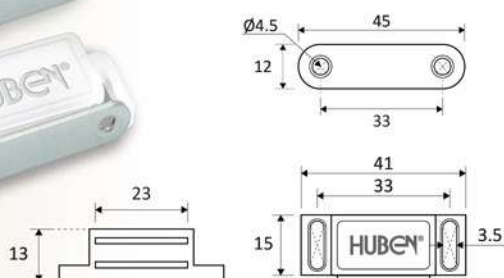
Warna : Hitam



MP-33

Magnet Persegi

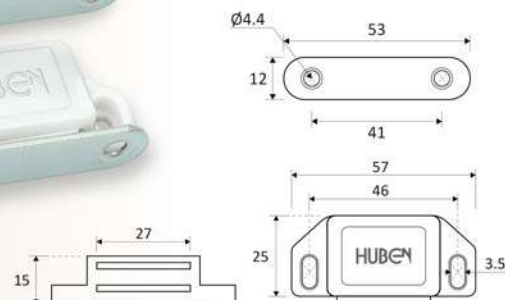
Warna : Coklat, Putih



MP-46

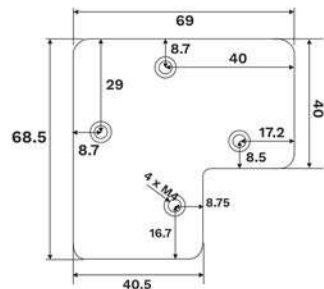
Magnet Persegi Besar

Warna : Coklat, Putih

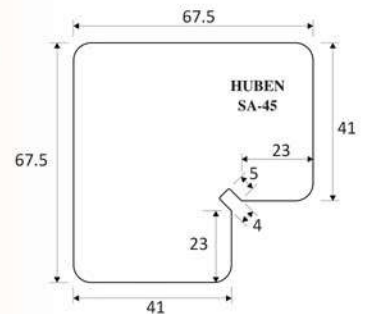




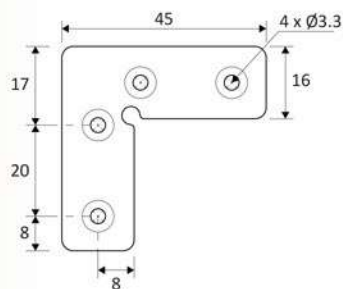
AH-45
Siku Frame Aluminium
Material : Plat Besi



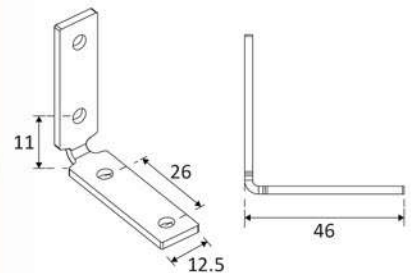
SA-45
Siku Frame Aluminium
Material : Aluminium



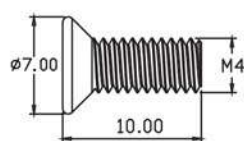
AH-21
Siku Frame Aluminium
Untuk FA-21 & FHD-21
Material : Plat Besi



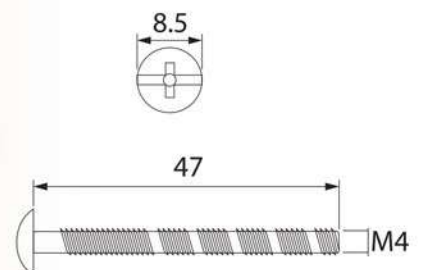
AH-56
Siku Frame Aluminium
Untuk GP-56 & GP-72
Material : Plat Besi



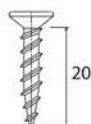
Skrup-701
Baut Siku AH-21 & AH-45



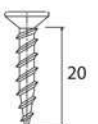
BOS-447
Skrup Patah-patah
Ukuran Ø: M4 x 47 mm



SK-HF
Skrup Kaca Chrome
Ukuran Ø: 10, 12, 14, 16, 18 mm



SKSS
Skrup Kaca Stainless
Ukuran Ø: 16, 19, 22, 25, 30 mm



PLAT STRIP

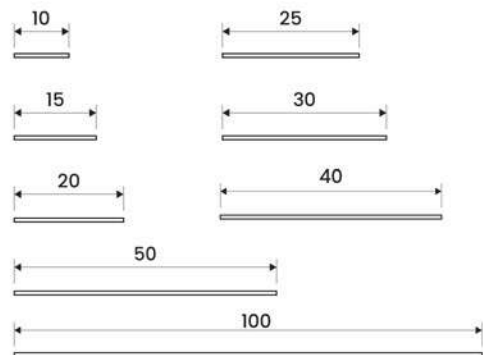
STAINLESS STEEL

Panjang : 3.05 Meter



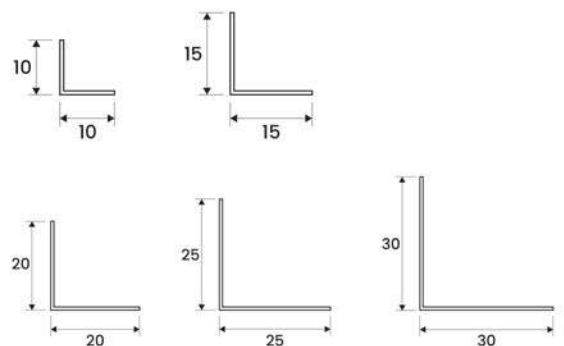
Plat Strip Rata PSR

Tersedia Ukuran (mm):



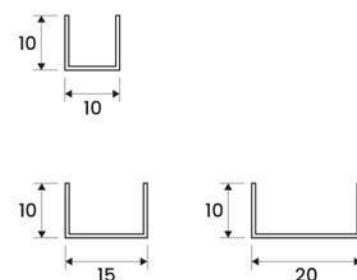
Plat Strip L PSL

Tersedia Ukuran (mm):



Plat Strip U PSU

Tersedia Ukuran (mm):



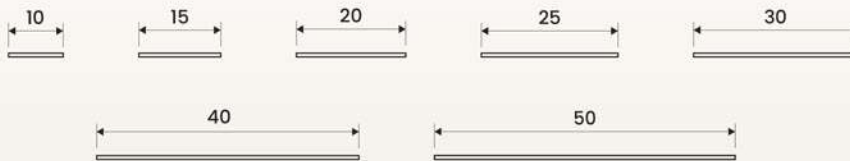
LIST PLAT STICKER

LP-STICK

Panjang : **5 meter / ROL**

Material : Stainless Steel

Tersedia Ukuran (mm):

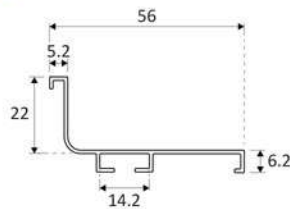


PROFIL ALUMINIUM

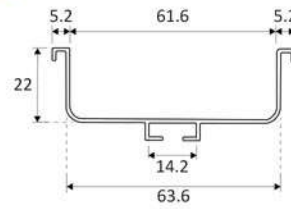
Panjang 3 meter



-  Anodize
-  Black
-  Gold Mirror
-  Mirror
-  Gold Doff



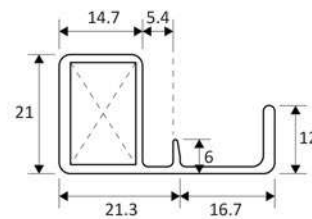
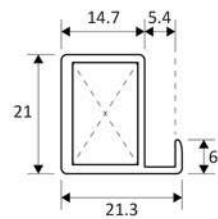
-  Anodize
-  Black
-  Gold Mirror
-  Mirror
-  Gold Doff



UNTUK LACI TANPA HANDLE



Panjang 3 meter



FRAME RAMPING



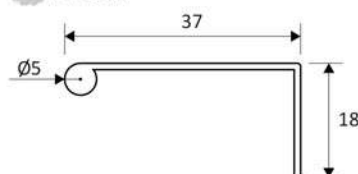
HANDLE

Panjang 3 meter



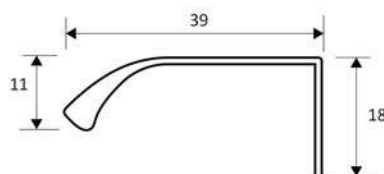
LP-375

-  Anodize
-  Black
-  Silver Pasir
-  Mirror
-  Gold Mirror
-  SS
-  Brush



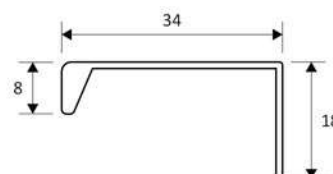
LP-376

-  Anodize
-  Black
-  Silver Pasir
-  Mirror
-  Gold Mirror
-  SS



LP-377

-  Anodize
-  Black
-  Silver Pasir
-  Mirror
-  Gold Mirror
-  SS

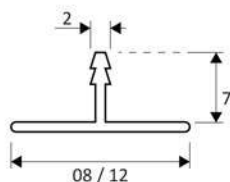


LIS T



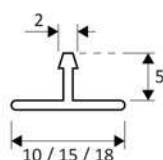
LT-08 / LT-12

-  SS



LTA-10 / LTA-15 / LTA-18

-  Anodize
-  Black
-  Silver Pasir
-  Mirror
-  Gold Mirror
-  SS

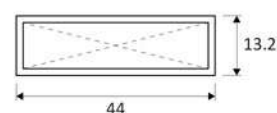


FRAME



FB-47

-  Anodize



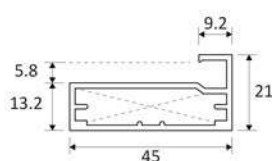
FRAME

Panjang 3 meter



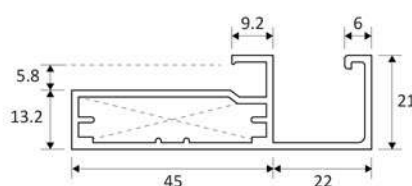
FA-128

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |



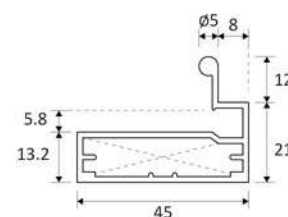
FHD-127

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |



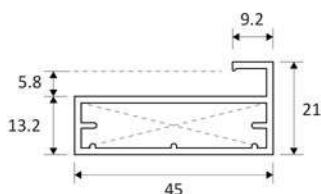
FHD-128

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |



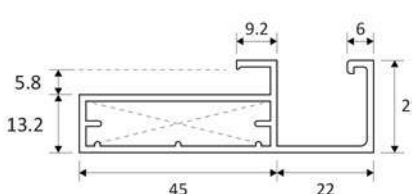
**LENAGA®
LEFA-128**

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |



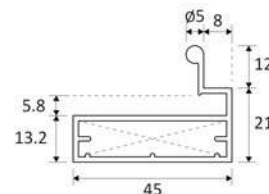
**LENAGA®
LEFHD-127**

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |



**LENAGA®
LEFHD-128**

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |



EDGING & HANDLE

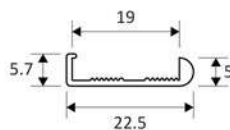
Panjang 3 meter



HUBEN®
EA-19

LENAGA®
LEA-19

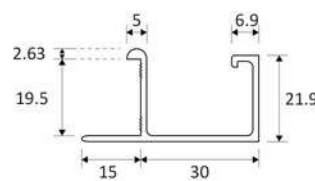
- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |
| Brush | |



HUBEN®
GP-30

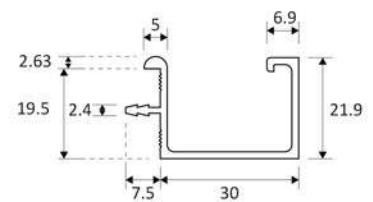
LENAGA®
LEGP-30

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |
| Brush | |



GP-32

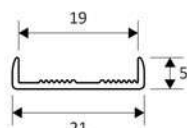
- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Brush | SS |



HUBEN®
EA-17

LENAGA®
LEA-17

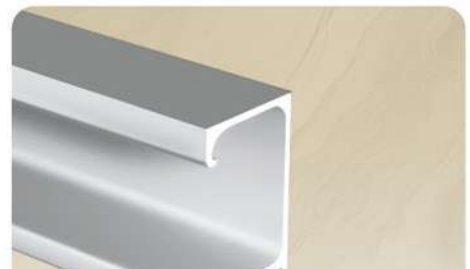
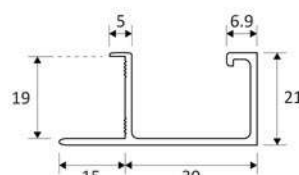
- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |
| Brush | |



HUBEN®
GP-37

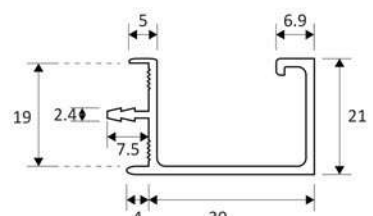
LENAGA®
LEGP-37

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Gold Mirror | SS |



GP-38

- | | |
|--------------|--------|
| Anodize | Black |
| Silver Pasir | Mirror |
| Brush | SS |



REL ALUMINIUM

Panjang 3 meter

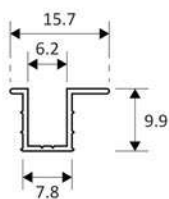


HUBEN®
AS-75

LENAGA®
LAS-75

-  Anodize
-  Bronze

Pasangan Roda :
SD-75, SD-753, LESD-75

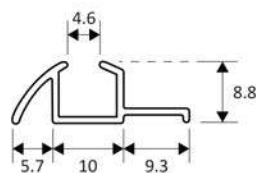


HUBEN®
AS-380

LENAGA®
LAS-380

-  Anodize
-  Bronze

Pasangan Roda :
SD-380, LESD-380



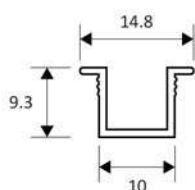
HUBEN®
SD-02-U

LENAGA®
LAS-02-U

[Rel Atas]

-  Anodize
-  Bronze

Pasangan Roda :
SD-12, SD-338, SD-3141



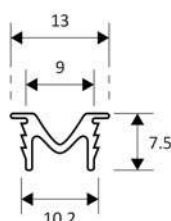
HUBEN®
SD-02-M

LENAGA®
LAS-02-M

[Rel Bawah]

-  Anodize
-  Bronze

Pasangan Roda :
SD-12, SD-338, SD-3141



REL ALUMINIUM

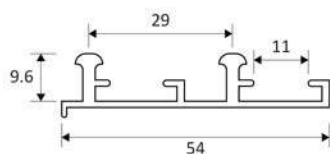
Panjang 2 & 3 meter



AS-99-A
[Rel Atas]

 Anodize

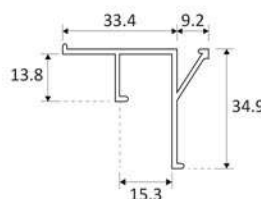
Pasangan Roda :
RG-99, RG-100



AS-99-B
[Rel Bawah]

 Anodize

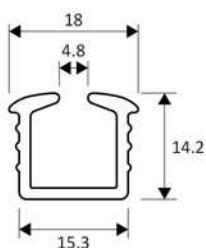
Pasangan Roda :
RG-99, RG-100



AS-452-A
[Rel Atas]

 Anodize

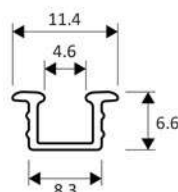
Pasangan Roda :
SD-452, SD-453, SD-502



AS-452-B
[Rel Bawah]

 Anodize

Pasangan Roda :
SD-452, SD-453, SD-502



RAK DAPUR



RD-2-BC

Rak Dapur 2 Susun

Material : Besi Chrome
Ukuran : 300, 400
Kapasitas Beban : 30 kg



Ukuran Kabinet (L)	Ukuran Rak Dapur P x L x T (mm)
300	480 x 225 x 474
400	480 x 325 x 474



RD-3-BC

Rak Dapur 3 Susun

Material : Besi Chrome
Ukuran : 300, 400
Kapasitas Beban : 30 kg



RD-2-BC

Rak Dapur 2 Susun

Material : Besi Chrome

Ukuran : 150, 200



**TERMASUK
NAMPAN**

Ukuran Kabinet (L)	Ukuran Rak Dapur P x L x T (mm)
150	458 x 98 x 485
200	458 x 148 x 485



WB-2-BC

Rak Dapur 2 Susun

Material : Besi Chrome

Ukuran : 300, 400



**TERMASUK
NAMPAN**

Ukuran Kabinet (L)	Ukuran Rak Dapur P x L x T (mm)
300	479 x 238 x 435
400	479 x 338 x 435

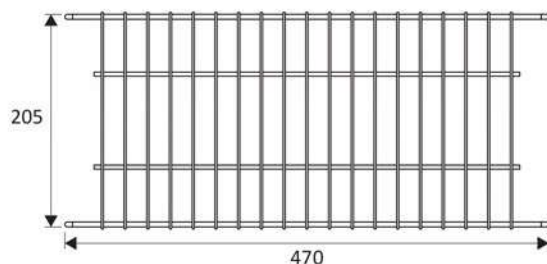
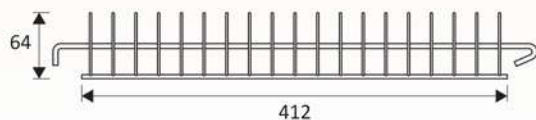
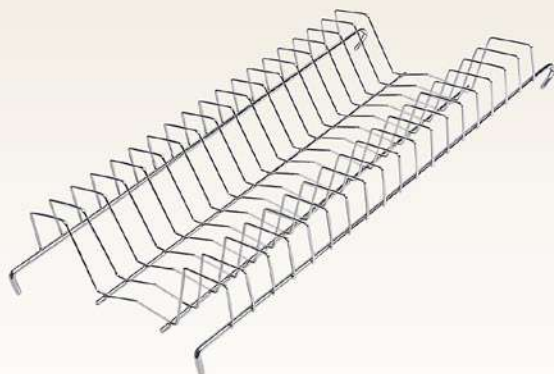


AKSESORIS RAK DAPUR

KP-01-BC

Kerangka Piring

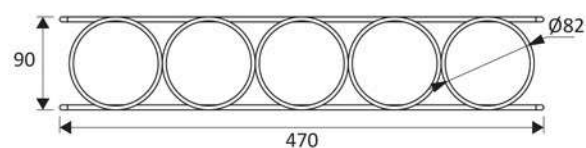
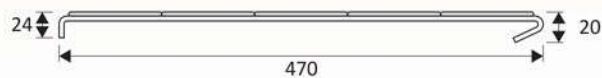
Material : Besi Chrome



KB-02-BC

Kerangka Botol

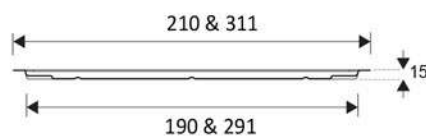
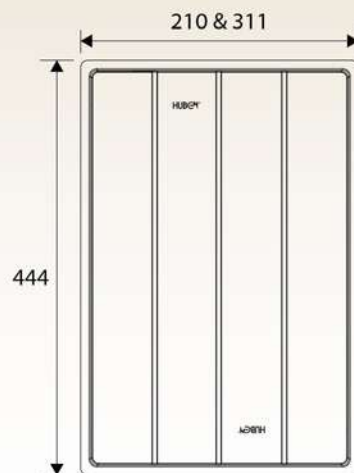
Material : Besi Chrome



NAMPAN AIR

Material : Plastik

Ukuran : 300, 400 mm

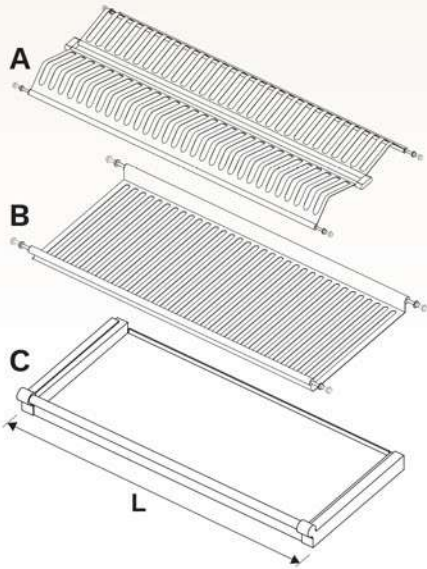


RAK PIRING

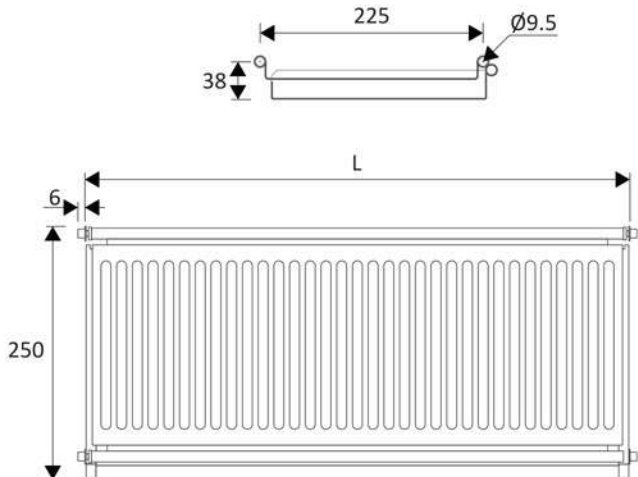
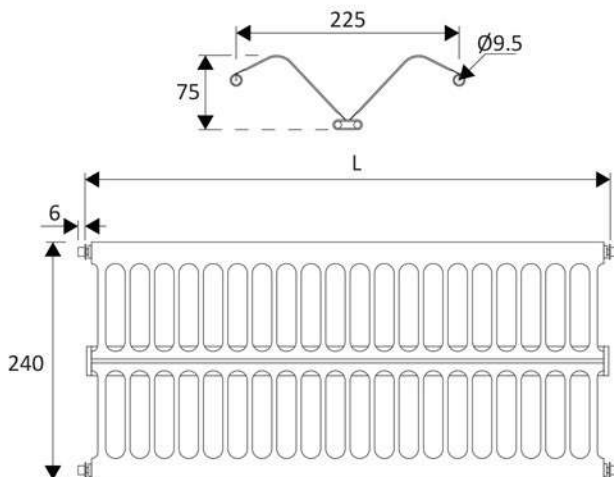
RP-SS

Rak Piring Gantung Stainless Steel

KOMPONEN



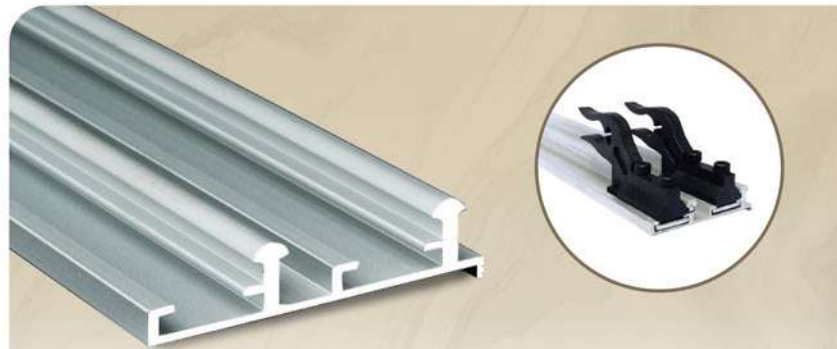
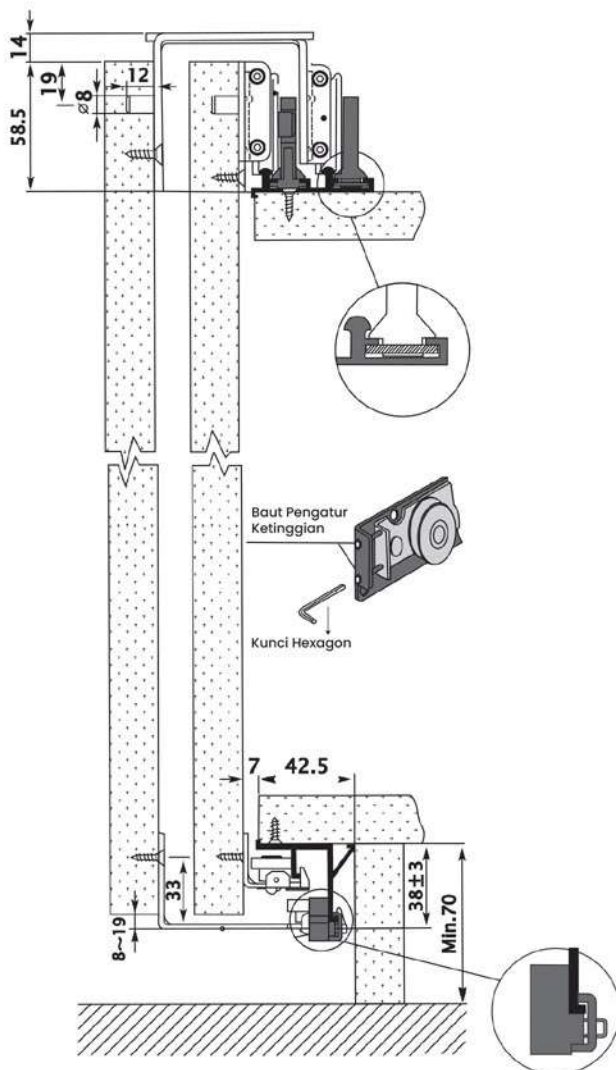
Lebar Kabinet	Lebar Rak Piring L (mm)	Kode Barang
600	550 - 580	RP 600 SS
700	650 - 680	RP 700 SS
800	750 - 780	RP 800 SS
900	850 - 880	RP 900 SS
1000	950 - 980	RP 1000 SS



RODA GANTUNG

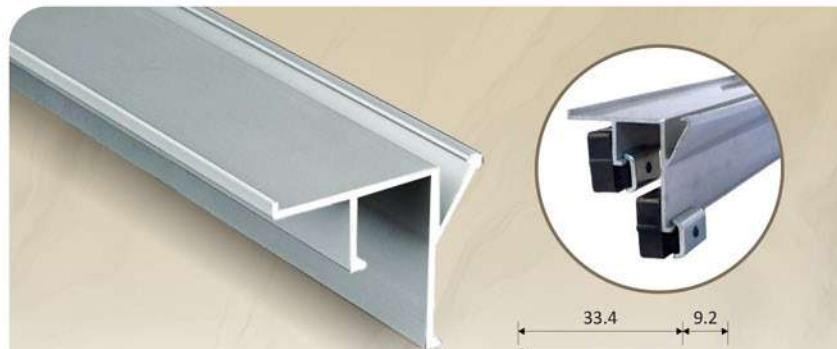
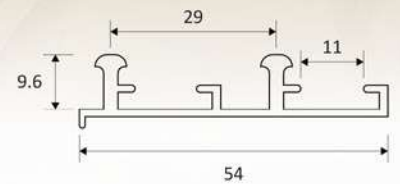


Petunjuk pemasangan untuk 2 daun pintu



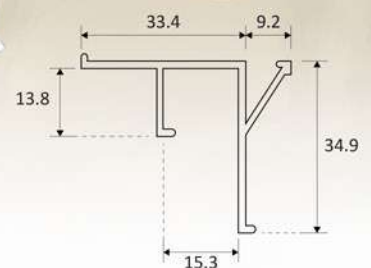
AS-99-A (Rel Atas)

Warna : Anodize
Panjang : 2 & 3 m



AS-99-B (Rel Bawah)

Warna : Anodize
Panjang : 2 & 3 m

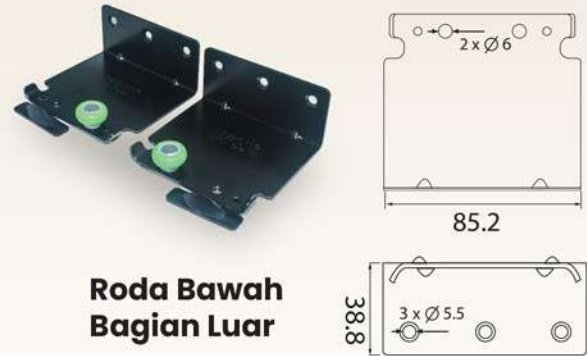


RG-99 (2 Pintu) & RG-100 (3 Pintu)



**Roda Atas
Bagian Luar**

RG-99 (2 pintu) : 1 Set Kiri dan Kanan
RG-100 (3 pintu) : 1 Set Kiri dan Kanan



**Roda Bawah
Bagian Luar**

RG-99 (2 pintu) : 1 Set Kiri dan Kanan
RG-100 (3 pintu) : 1 Set Kiri dan Kanan



**Roda Atas
Bagian Dalam**

RG-99 (2 pintu) : 1 Set Kiri dan Kanan
RG-100 (3 pintu) : 2 Set Kiri dan Kanan



**Roda Bawah
Bagian Dalam**

RG-99 (2 pintu) : 1 Set Kiri dan Kanan
RG-100 (3 pintu) : 2 Set Kiri dan Kanan



Stopper Bagian Atas
4 Pcs



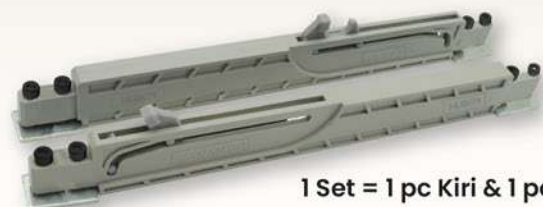
Stopper Bagian Bawah
4 Pcs



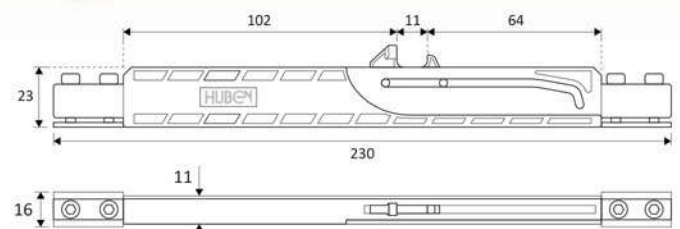
Kunci Allen
4 mm - 1 pc
3 mm - 1 pc

DAMPER-99

Damper **Slow-Mo** untuk
Roda Gantung RG-99 & RG-100



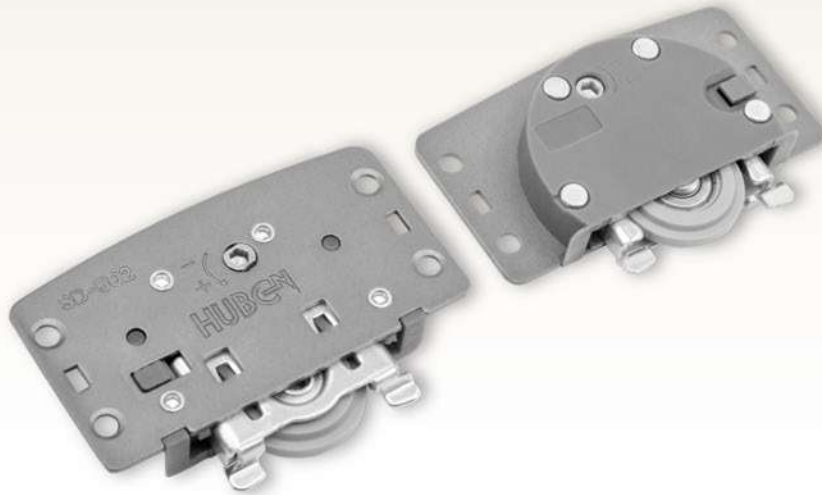
1 Set = 1 pc Kiri & 1 pc Kanan



RODA SLIDING

RODA PINTU SLIDING SLOW MOTION

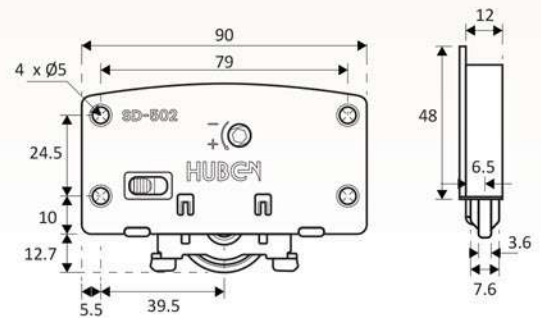
SD-502



SD-502 (2 Pintu)

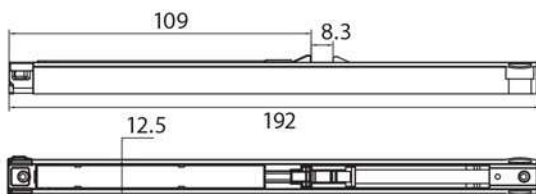
Roda Atas + Roda Bawah : 8 pcs

Material : Besi Plat
Roda : Nylon



Damper

4 pcs



Kunci Allen

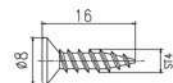
2mm (Untuk Damper) : 1 pc

4mm (Untuk Roda) : 1 pc



Skrup

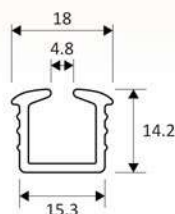
Skrup Tapping Plus 4x16 : 32 pcs



AS-452-A

Warna : Anodize
Panjang : 2 & 3 m

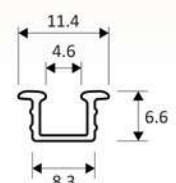
Rel Aluminium Bagian Atas



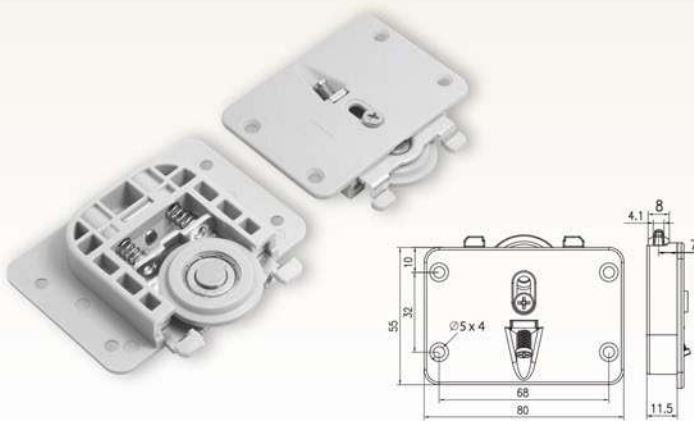
AS-452-B

Warna : Anodize
Panjang : 2 & 3 m

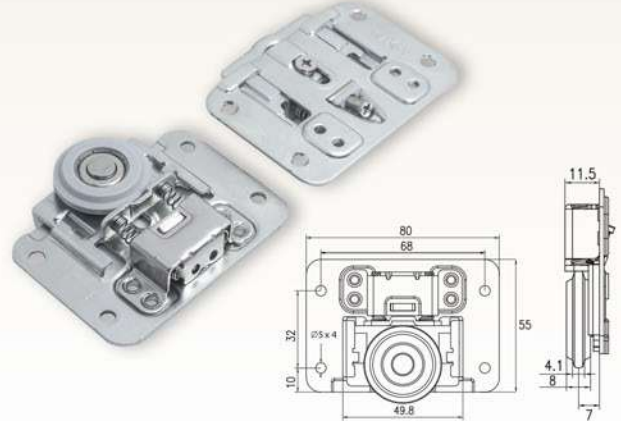
Rel Aluminium Bagian Bawah



RODA PINTU SLIDING SLOW MOTION SD-452 & SD-453



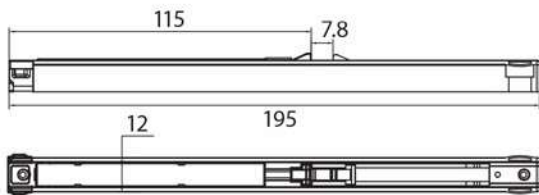
SD-452 (2 Pintu) Roda Atas (Plastik) : 4 Pcs
SD-453 (3 Pintu) Roda Atas (Plastik) : 6 Pcs



SD-452 (2 Pintu) Roda Bawah (Besi Plat) : 4 Pcs
SD-453 (3 Pintu) Roda Bawah (Besi Plat) : 6 Pcs

Damper

4 pcs



Kunci Allen

Kunci Allen 2 mm

: 1 pc

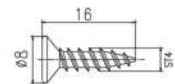


Skrup

Skrup Tapping Plus 4x16

SD-452 (2 Pintu)
SD-453 (3 Pintu)

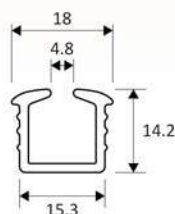
: 32 Pcs
: 48 Pcs



AS-452-A

Warna : Anodize
Panjang : 2 & 3 m

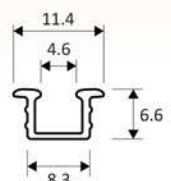
Rel Aluminium Bagian Atas



AS-452-B

Warna : Anodize
Panjang : 2 & 3 m

Rel Aluminium Bagian Bawah

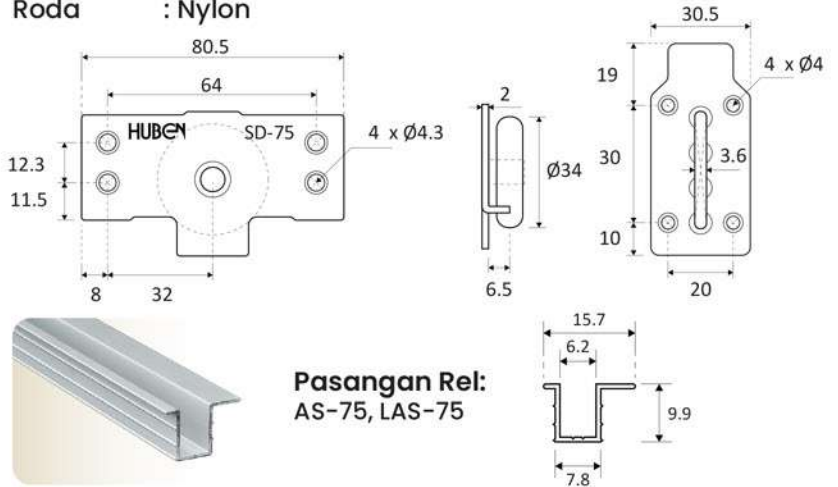


SD-75

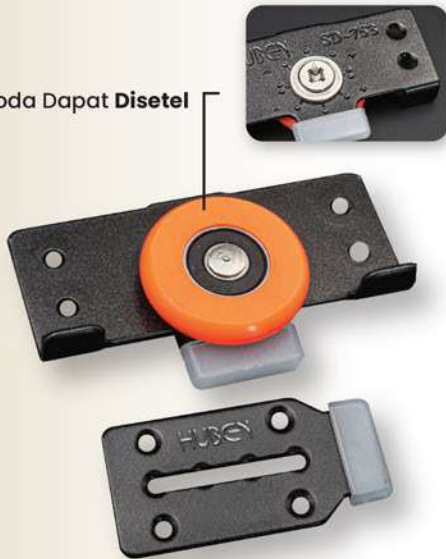
Roda Pintu Sliding

Material : Besi Plat

Roda : Nylon



Roda Dapat Disetel

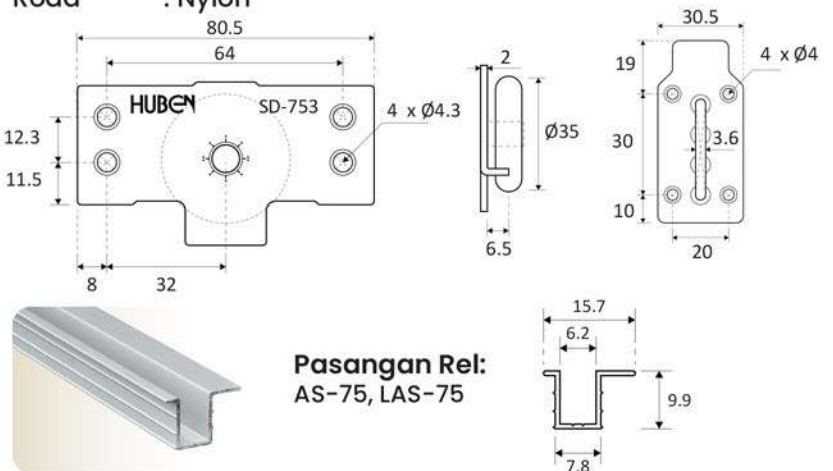


SD-753

Roda Pintu Sliding

Material : Besi Plat

Roda : Nylon

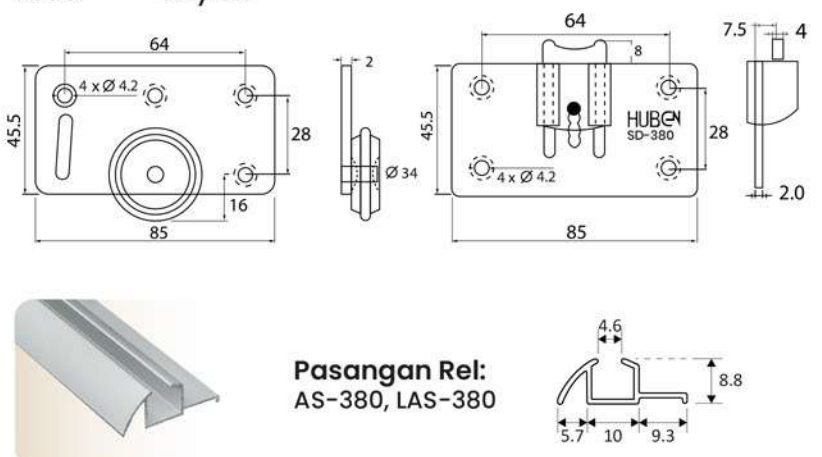


SD-380

Roda Pintu Sliding

Material : Besi Plat

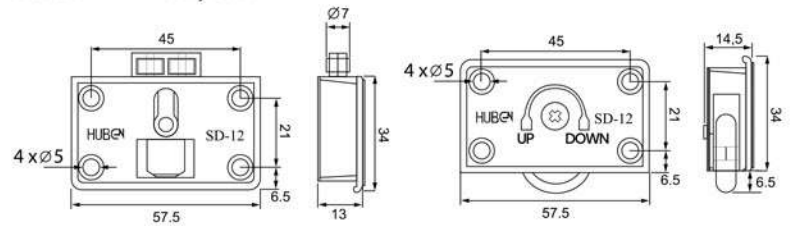
Roda : Nylon





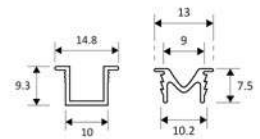
SD-12 Roda Pintu Sliding

Material : Zinc Alloy
Roda : Nylon



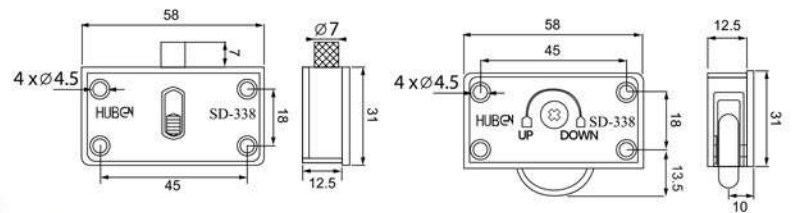
Pasangan Rel:

Atas :
SD-02-U / LAS-02-U
Bawah :
SD-02-M / LAS-02-M



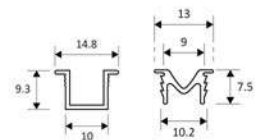
SD-338 Roda Pintu Sliding

Material : Nylon
Roda : Nylon



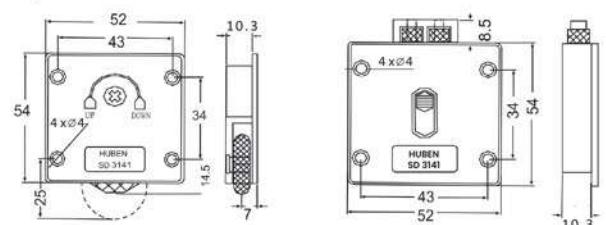
Pasangan Rel:

Atas :
SD-02-U / LAS-02-U
Bawah :
SD-02-M / LAS-02-M



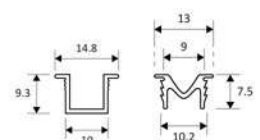
SD-3141 Roda Pintu Sliding

Material : Nylon
Roda : Nylon



Pasangan Rel:

Atas :
SD-02-U / LAS-02-U
Bawah :
SD-02-M / LAS-02-M



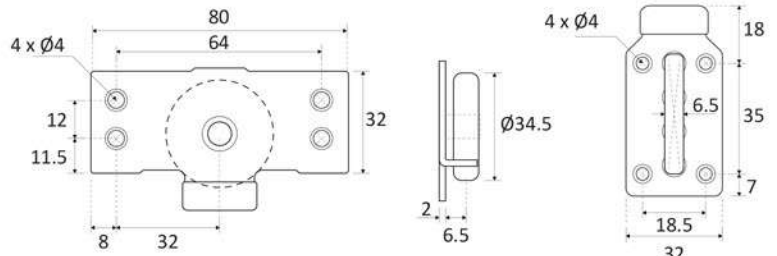


LESD-75

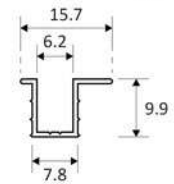
Roda Pintu Sliding

Material : Besi Plat

Roda : Nylon



Pasangan Rel:
AS-75, LAS-75

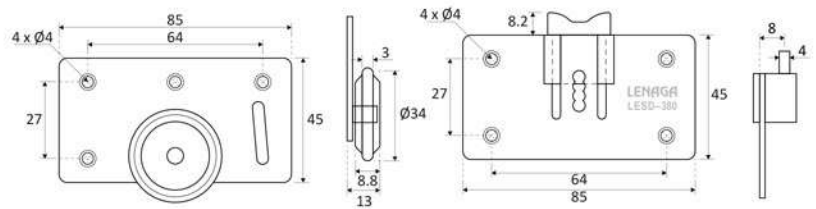


LESD-380

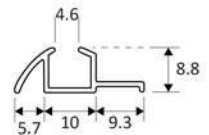
Roda Pintu Sliding

Material : Besi Plat

Roda : Nylon



Pasangan Rel:
AS-380, LAS-380

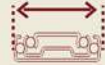


Segera Hadir

REL LACI



30 mm

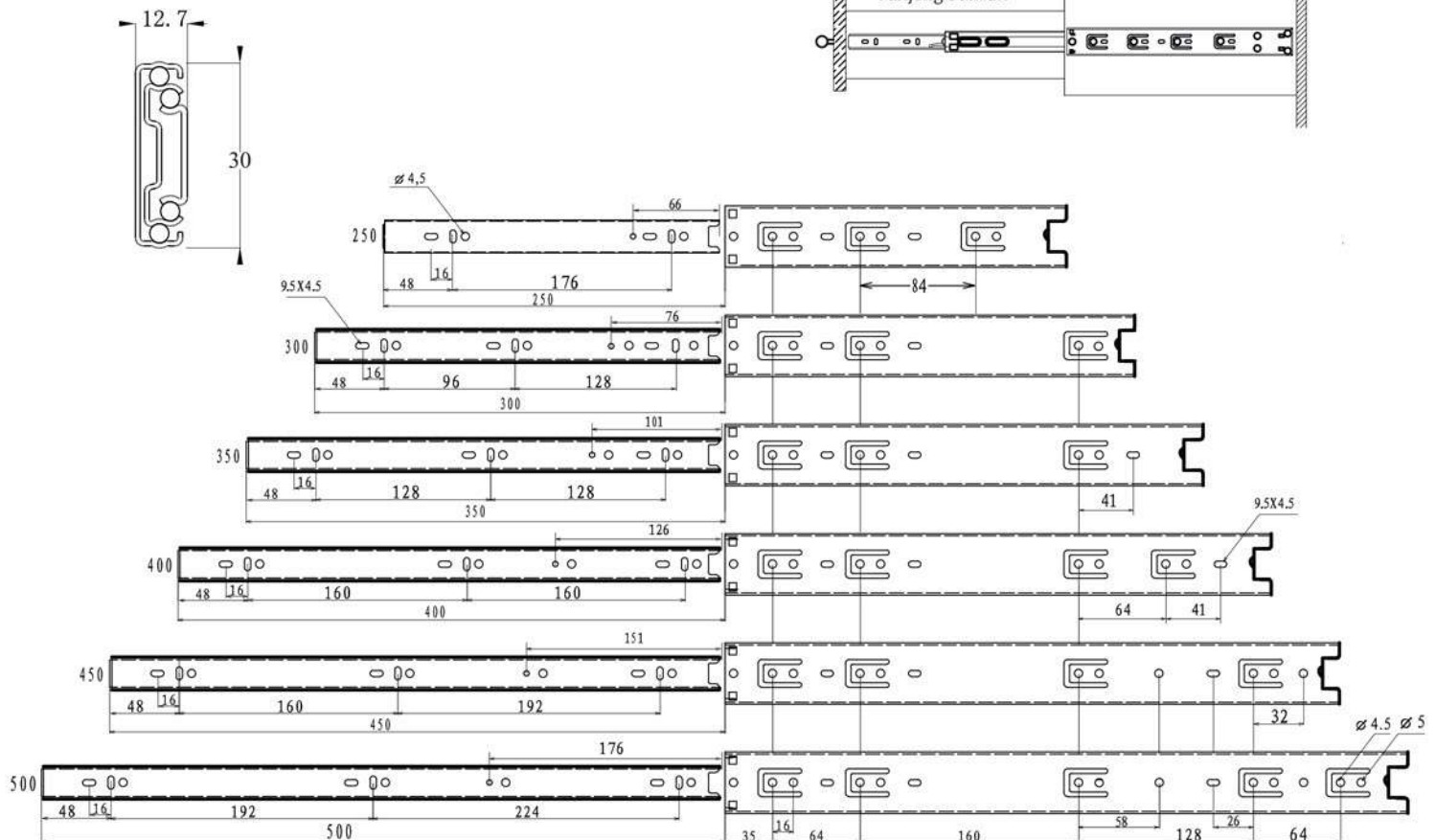
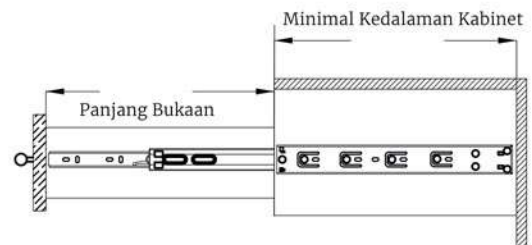
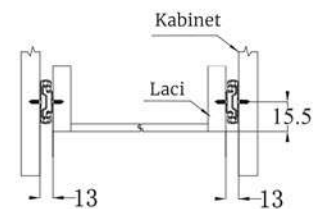


20
kg

**FE-30**

REL FULL EXTENSION

Material	: Cold Rolled Steel
Finish	: Zinc Plated
Ukuran	: 250 – 500 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 30 mm
Kapasitas Beban	: 20 kg
Siklus Pemakaian	: 50.000 kali





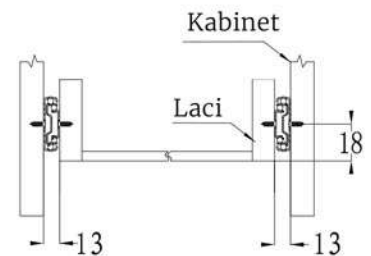
35 mm



RD-35

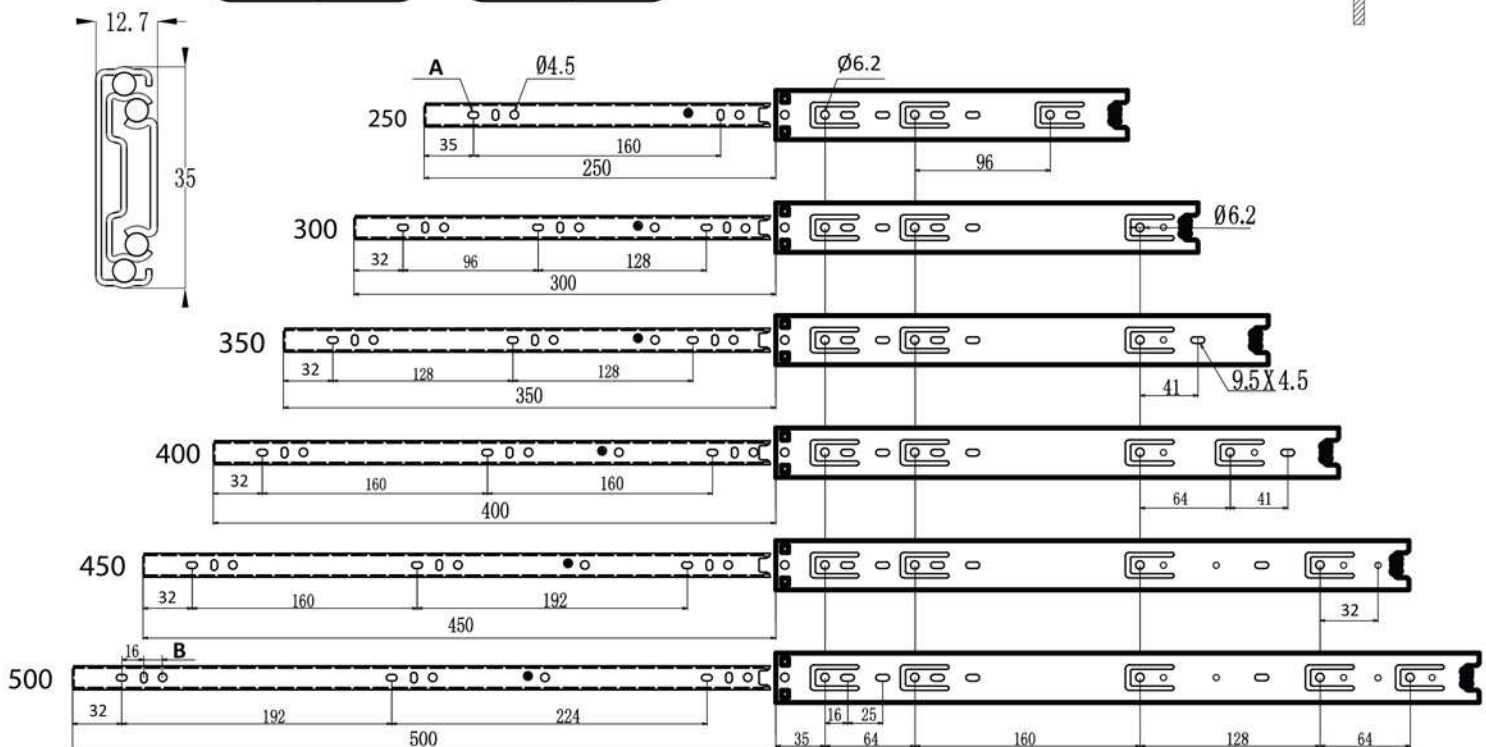
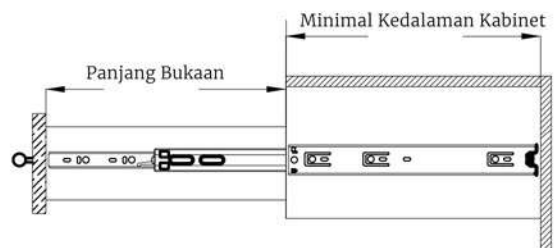
REL FULL EXTENSION

Material	: Cold Rolled Steel
Finish	: Zinc Plated (Hitam)
Ukuran	: 250 - 500 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 35 mm
Kapasitas Beban	: 25 kg
Siklus Pemakaian	: 50.000 kali



Ukuran A (mm)	
250	7.5 x 4.5
300-500	9.5 x 4.5

Jarak B (mm)	
250	13.5
300-500	9.5





35 mm



25 kg

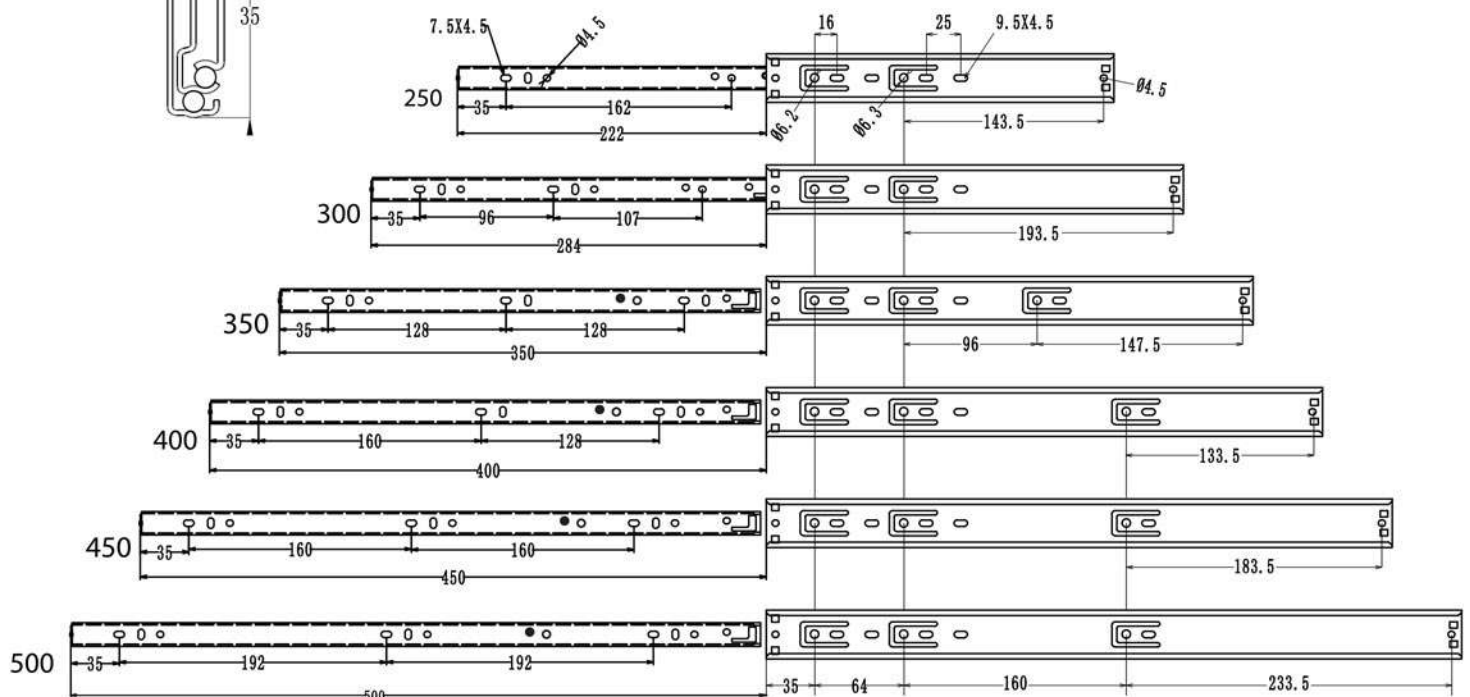
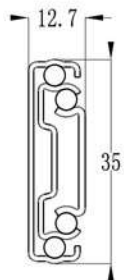
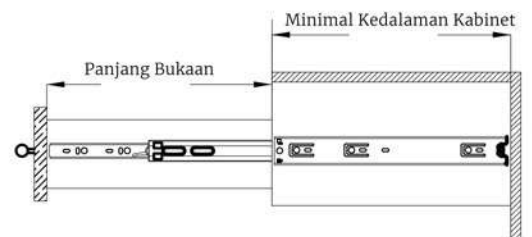
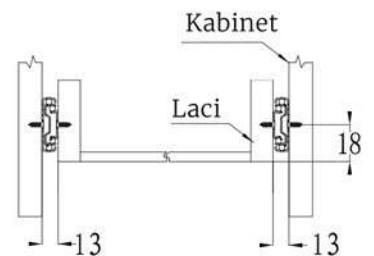


SLOW MOTION

BM-35

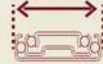
REL SLOW MOTION FULL EXTENSION

Material	: Cold Rolled Steel
Finish	: Zinc Plated (Hitam)
Ukuran	: 250 - 500 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 35 mm
Kapasitas Beban	: 25 kg
Siklus Pemakaian	: 50.000 kali





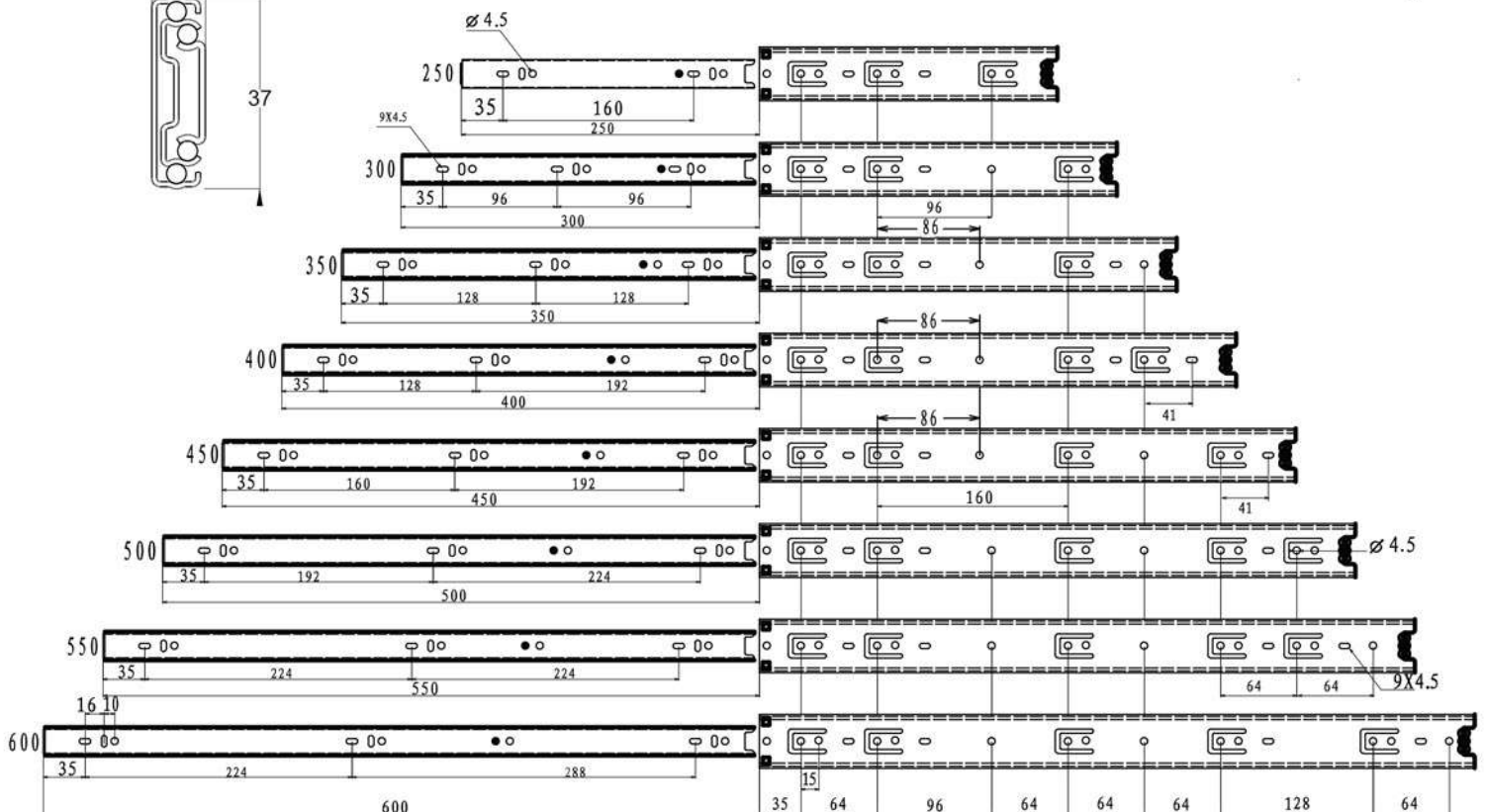
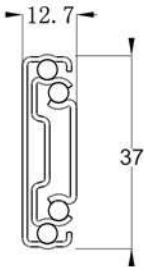
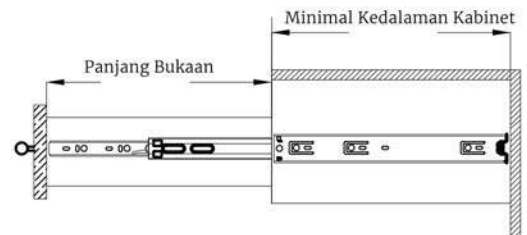
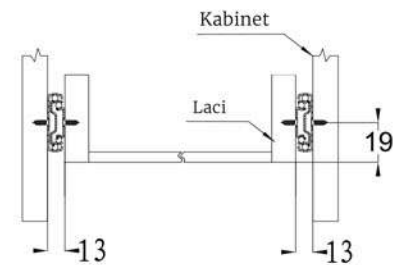
37 mm



FE-37

REL FULL EXTENSION

Material	: Cold Rolled Steel
Finish	: Zinc Plated (Hitam)
Ukuran	: 250 - 600 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 37 mm
Kapasitas Beban	: 30 kg
Siklus Pemakaian	: 50.000 kali





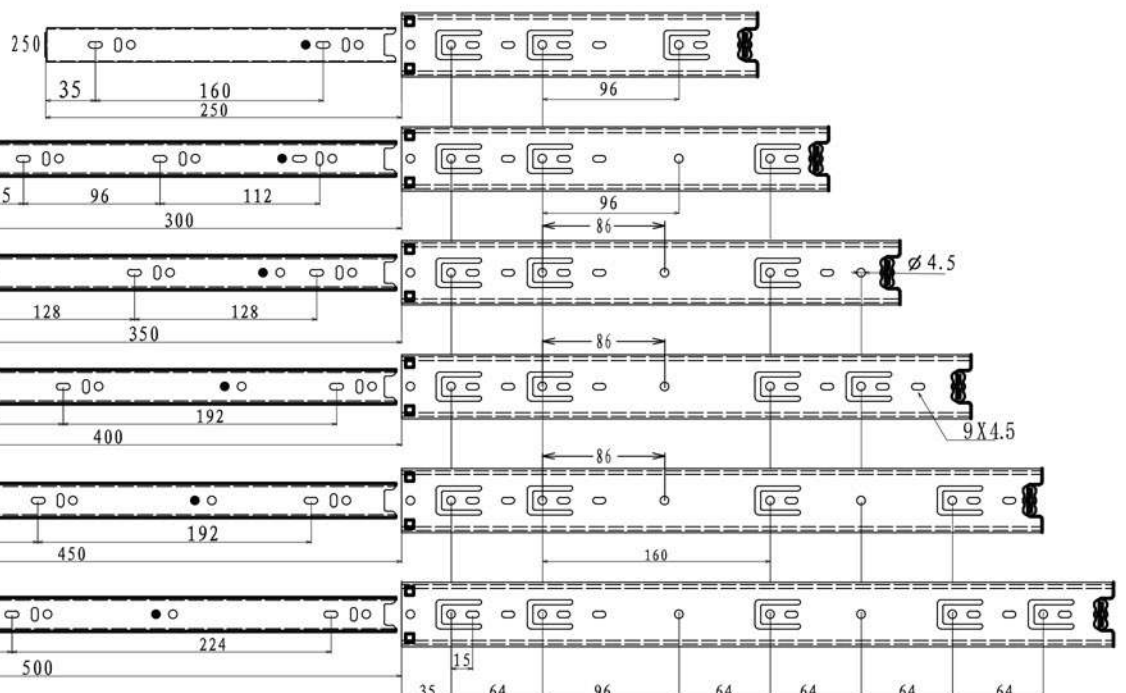
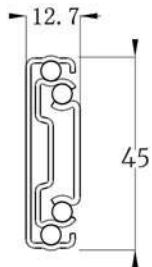
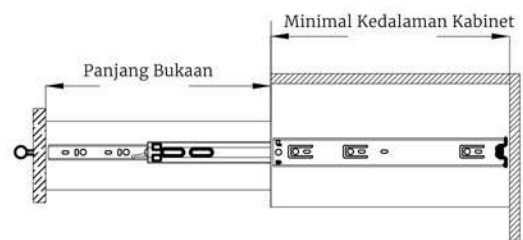
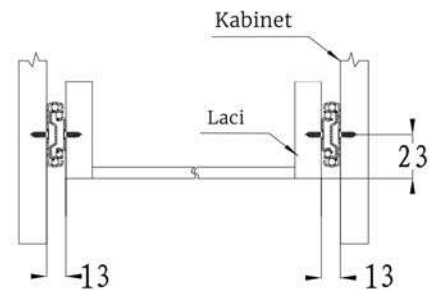
45 mm



RD-45

REL FULL EXTENSION

Material	: Cold Rolled Steel
Finish	: Zinc Plated (Hitam)
Ukuran	: 250 - 500 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 45 mm
Kapasitas Beban	: 30 kg
Siklus Pemakaian	: 50.000 kali





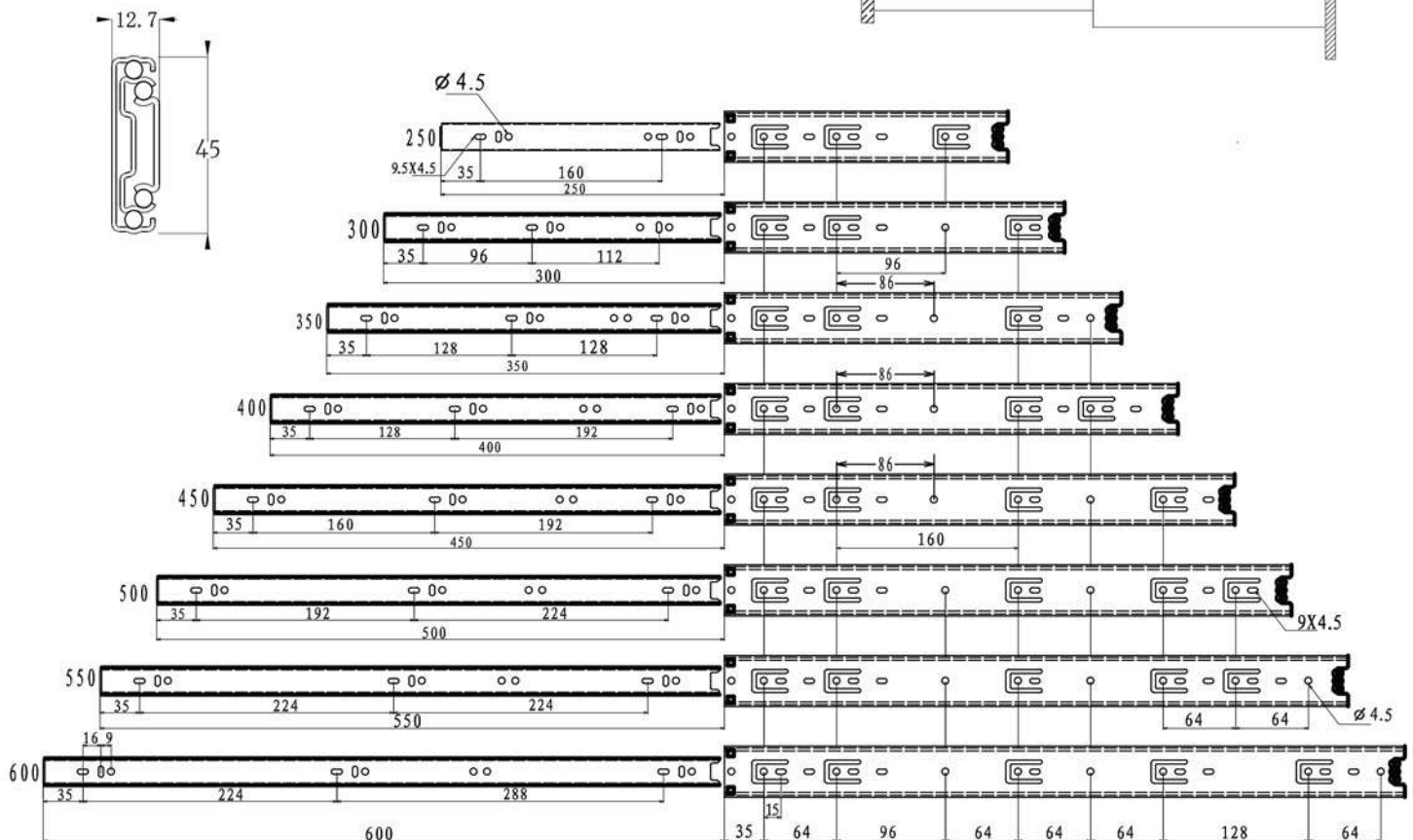
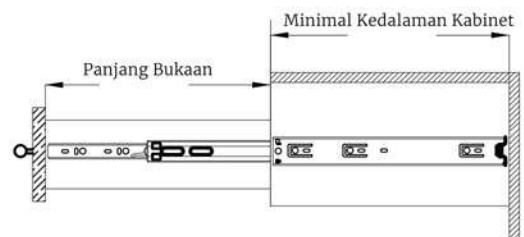
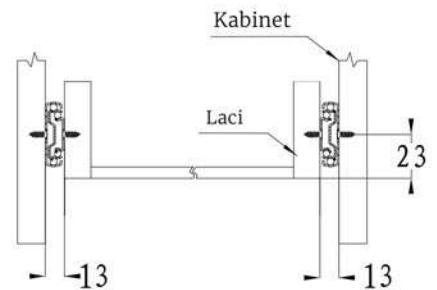
45 mm



FE-45

REL FULL EXTENSION

Material	: Cold Rolled Steel
Finish	: Zinc Plated (Hitam)
Ukuran	: 250 - 600 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 45 mm
Kapasitas Beban	: 35 kg
Siklus Pemakaian	: 50.000 kali





45 mm



30 kg

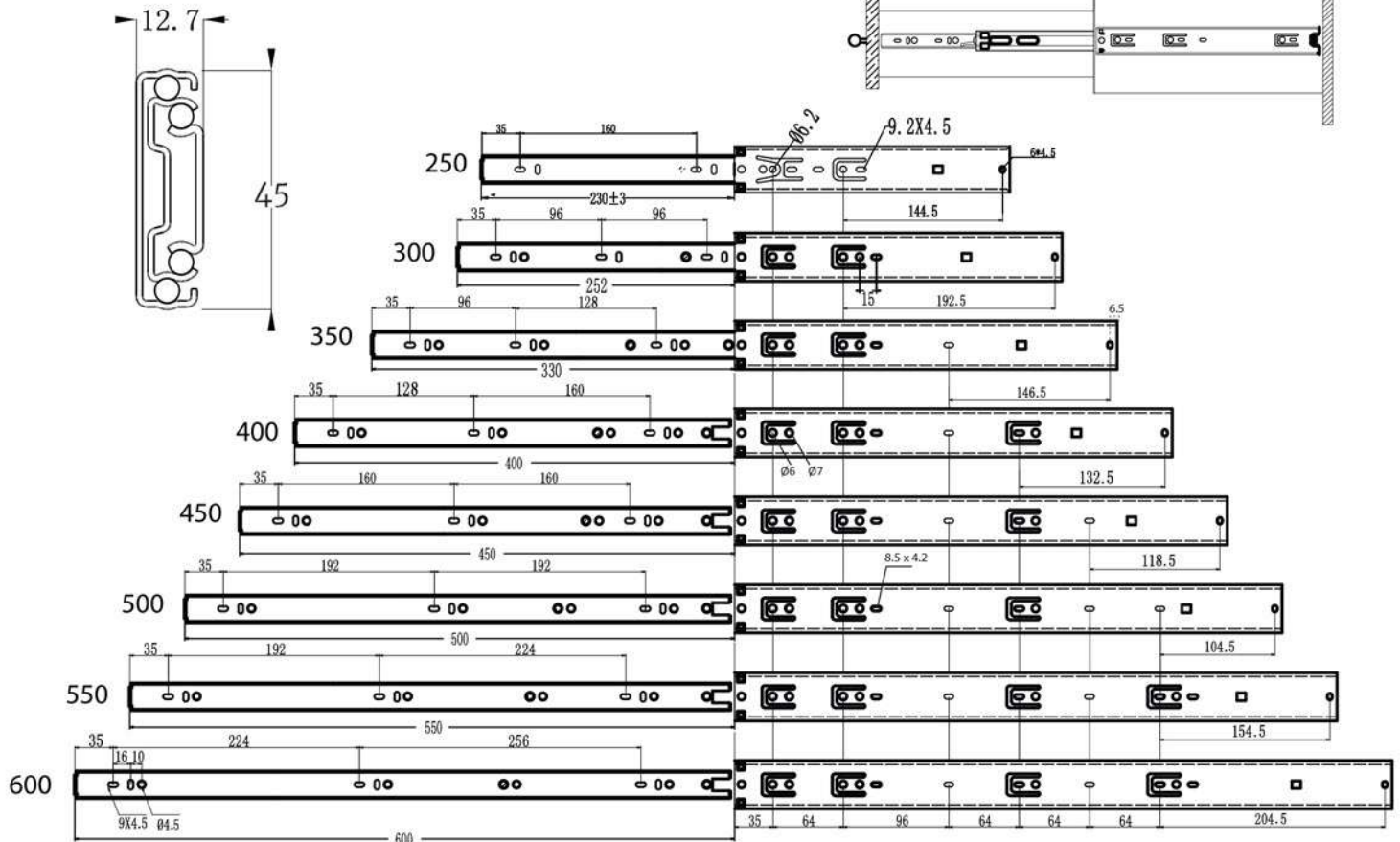
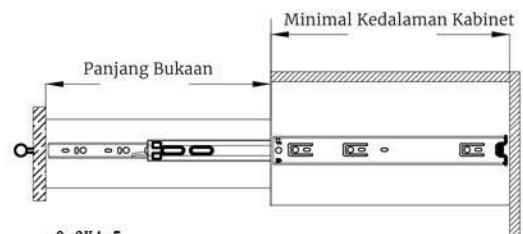
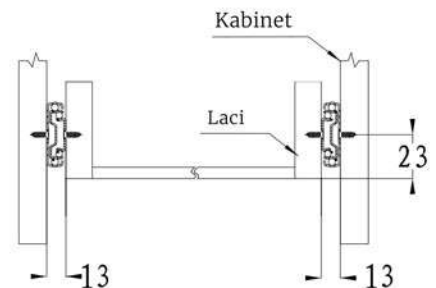


SLOW MOTION

BM-45

REL SLOW MOTION FULL EXTENSION

Material	: Cold Rolled Steel
Finish	: Zinc Plated (Hitam)
Ukuran	: 250 - 600 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 45 mm
Kapasitas Beban	: 30 kg
Siklus Pemakaian	: 50.000 kali



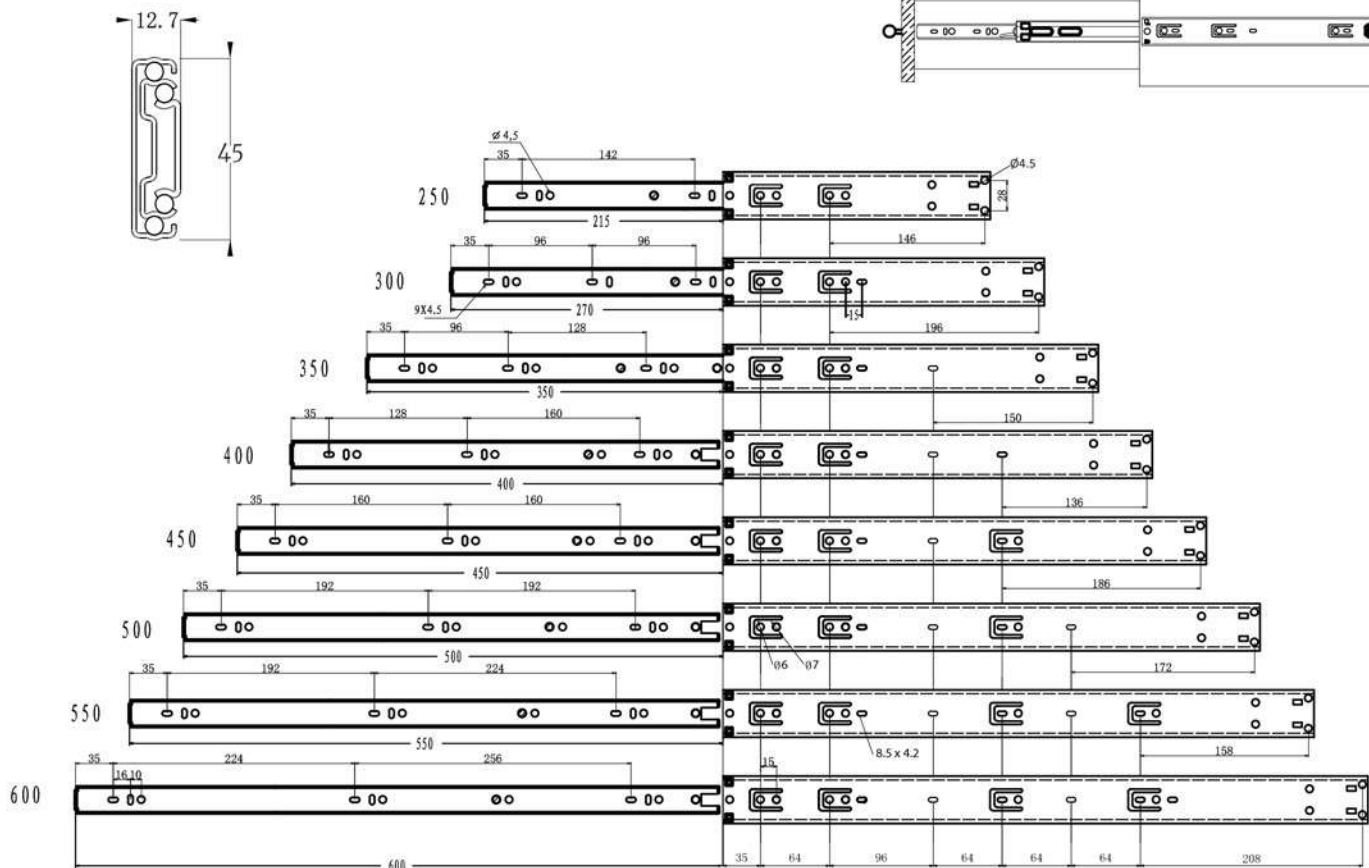
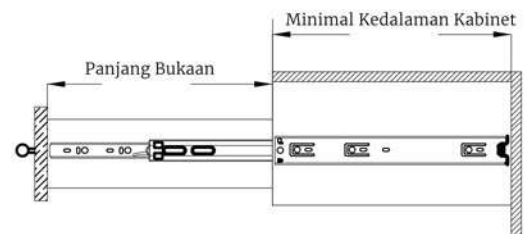
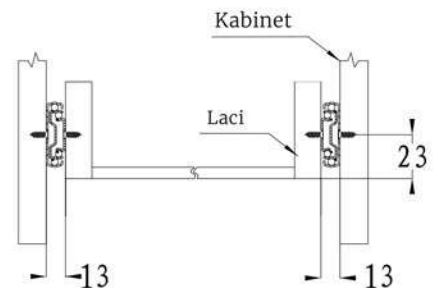


PUSH-OPEN

FEPO-45

REL FULL EXTENSION PUSH-OPEN

Material	: Cold Rolled Steel
Finish	: Zinc Plated (Hitam)
Ukuran	: 250 - 600 mm
Minimal kedalaman Kabinet	: Ukuran rel + min. 5 mm
Lebar	: 45 mm
Kapasitas Beban	: 30 kg
Siklus Pemakaian	: 50.000 kali

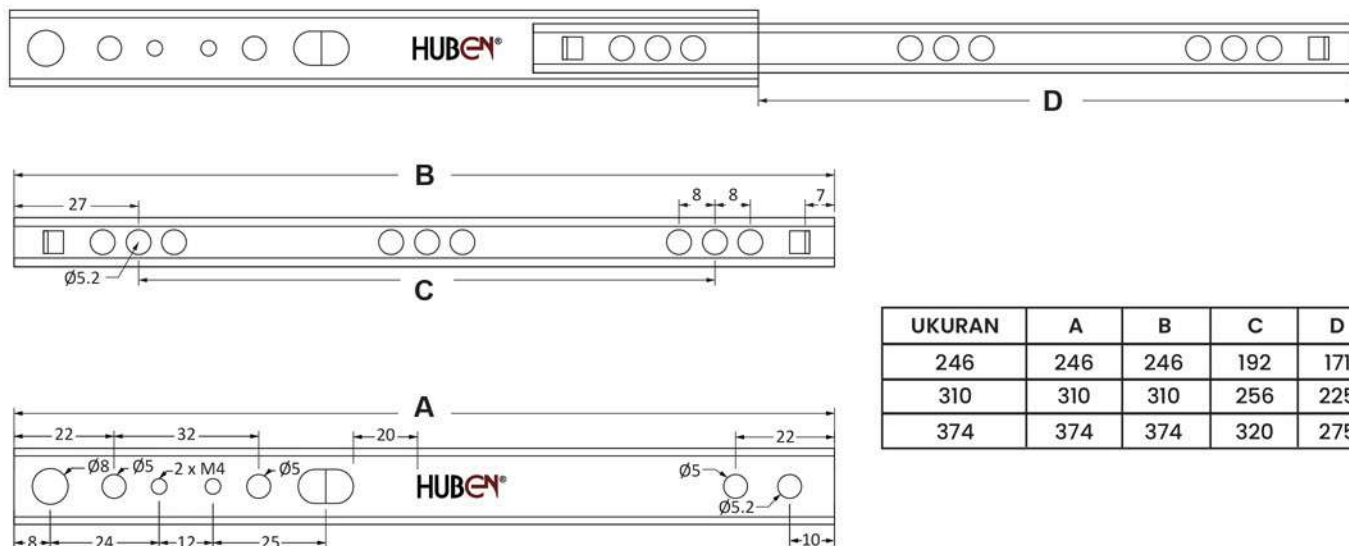
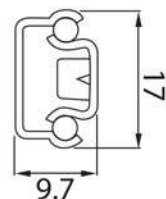




MS-17

REL MINI SLIDE 17 mm

Material	: Cold Rolled Steel
Finish	: Zinc Plated
Ukuran	: 246, 310, 374 mm
Lebar	: 17 mm
Kapasitas Beban	: 10 kg
Siklus Pemakaian	: 50.000 kali



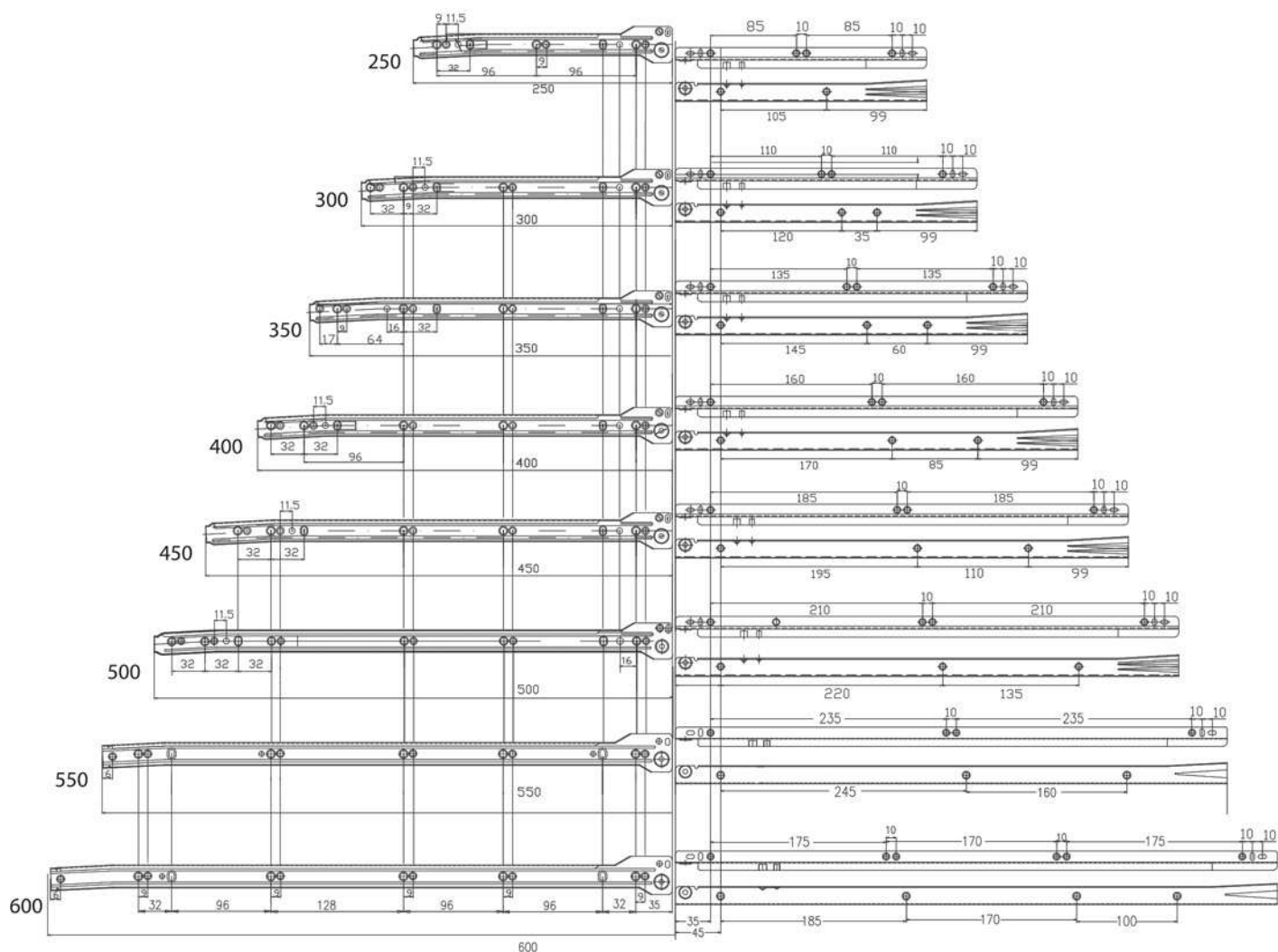
UKURAN	A	B	C	D
246	246	246	192	171
310	310	310	256	225
374	374	374	320	275



**20
kg**

RLH / RLE REL LACI RODA

Material	: Cold Rolled Steel
Finish	: Beige
Ukuran	: 250 - 600 mm
Kapasitas Beban	: 20 kg
Siklus Pemakaian	: 50.000 kali

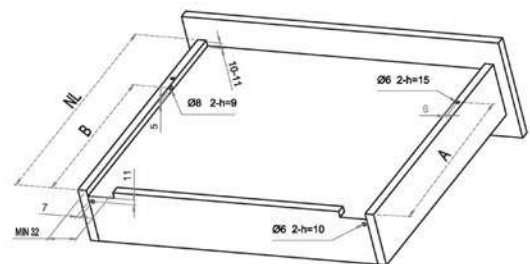
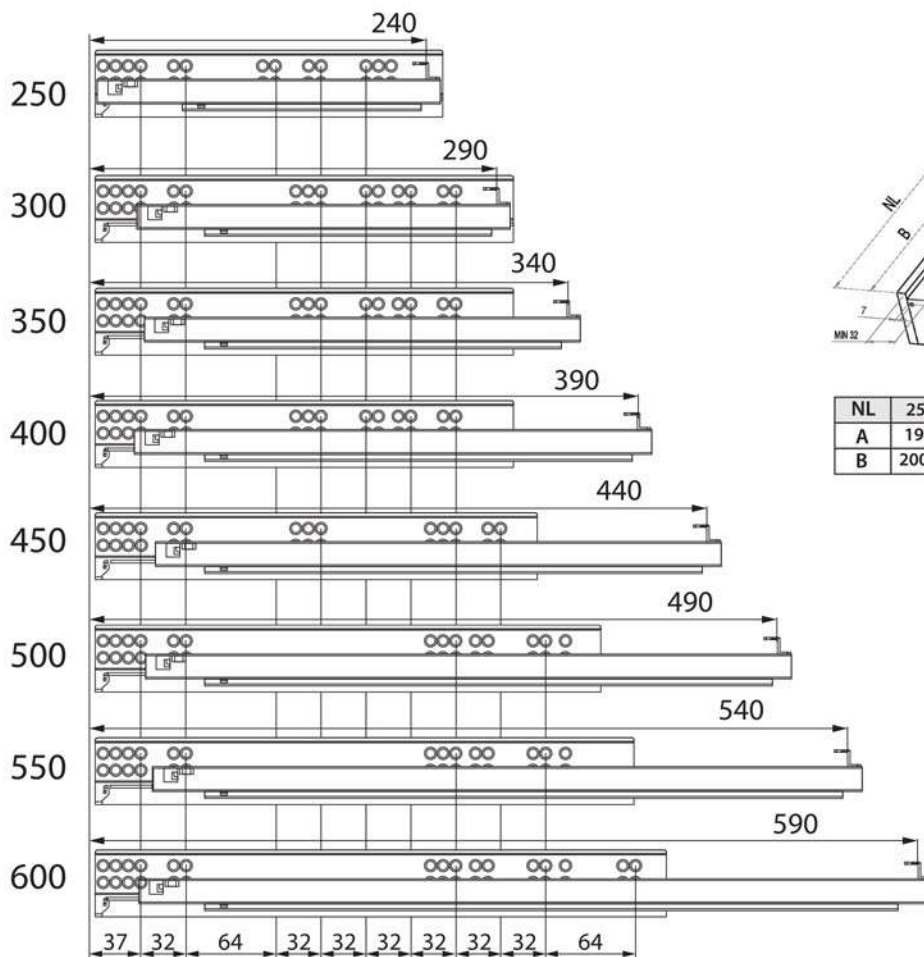


TN-36-PIN

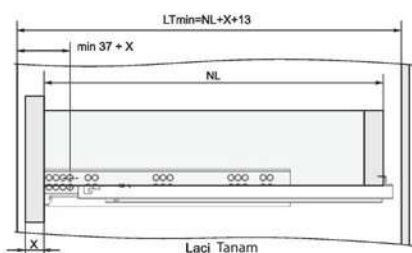
REL TANEM **PIN** SLOW-MOTION FULL EXTENSION

Material : Cold Rolled Steel
Finish : Zinc Plated
Ukuran : 250 - 600 mm
Kapasitas Beban : 30 kg
Siklus Pemakaian : 80.000 kali

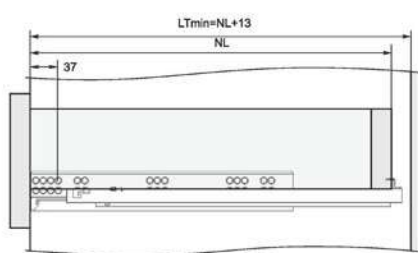
Slow
Motion



NL	250	300	350	400	450	500	550	600
A	190	245	270	305	330	355	390	415
B	200.5	255.5	280.5	319.5	369.5	419.5	469.5	519.5



Laci Tanam



Laci standar

LT - Kedalaman bagian dalam kabinet
NL - Nominal panjang rel
X - Tebal Maksimum Papan ≤ 16 mm

TN-37-KO

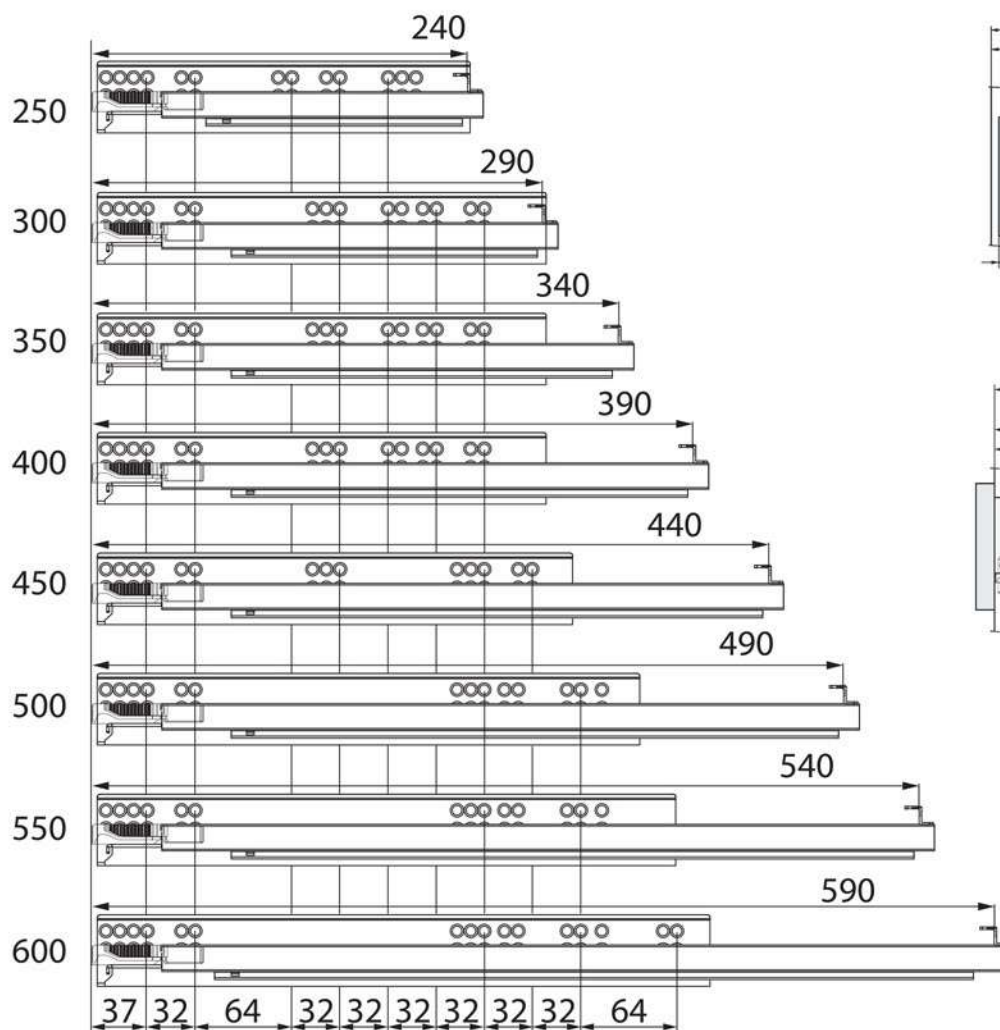
REL TANEM **KLIP-ON** SLOW-MOTION FULL EXTENSION

Material : Cold Rolled Steel
Finish : Zinc Plated
Ukuran : 250 - 600 mm
Kapasitas Beban : 30 kg
Siklus Pemakaian : 80.000 kali

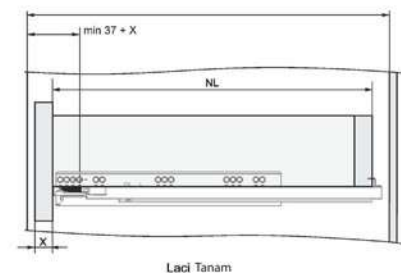


Tersertifikasi

SGS

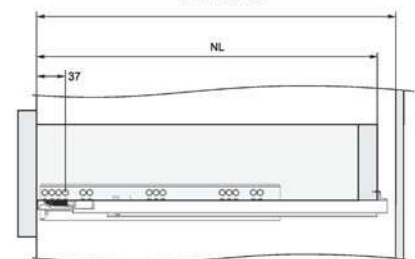


$LT_{min} = NL + X + 13$



Laci Tanam

$LT_{min} = NL + 13$



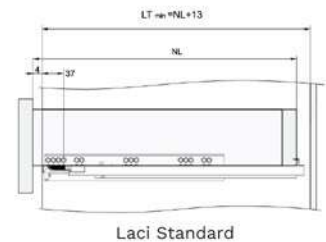
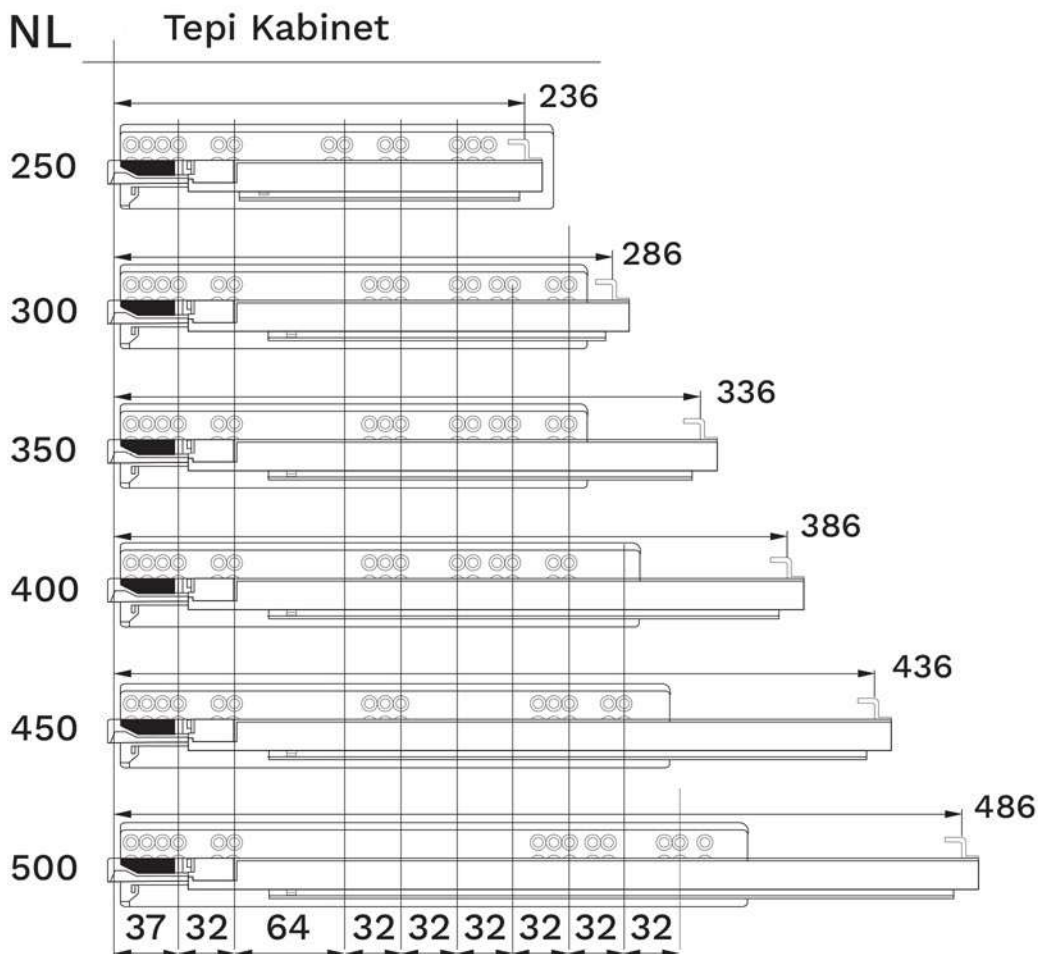
Laci standar

LT - Kedalaman bagian dalam kabinet
NL - Nominal panjang rel
X - Tebal Maksimum ≤ 16 mm

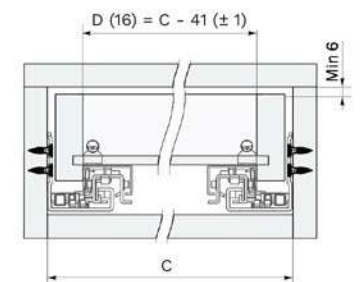
TN-38-PO

REL TANEM PUSH OPEN **KLIP-ON** FULL EXTENSION

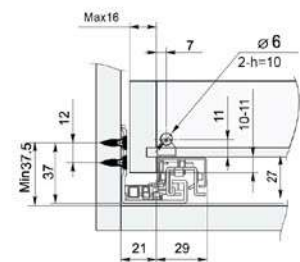
Material : Cold Rolled Steel
Finish : Zinc Plated
Ukuran : 250 - 500 mm
Kapasitas Beban : 30 kg
Siklus Pemakaian : 80.000 kali



LT - Kedalaman Bagian Dalam kabinet
NL - Nominal Panjang Rel

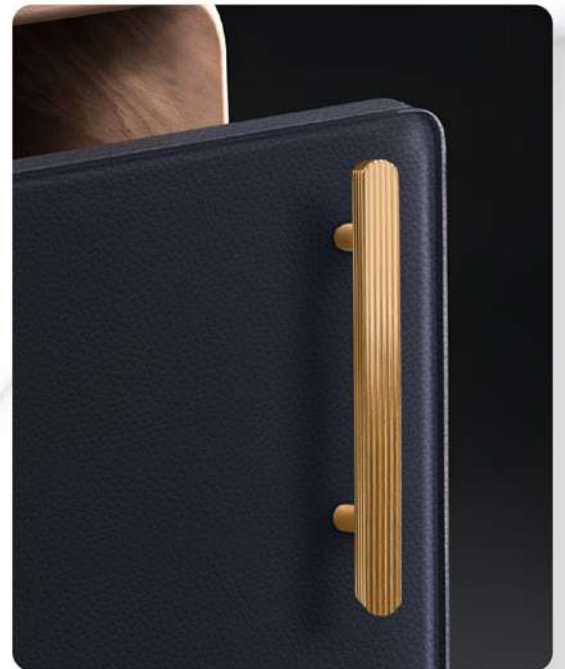


C - Lebar Bagian Dalam Kabinet
D - Lebar Bagian Dalam Laci (≤ 16 mm)



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