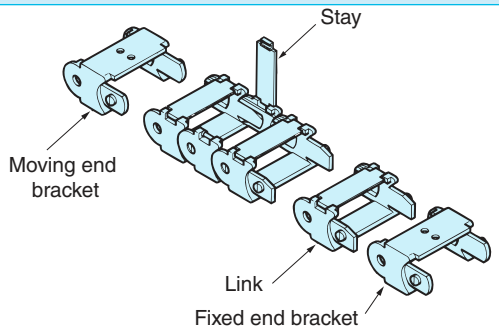
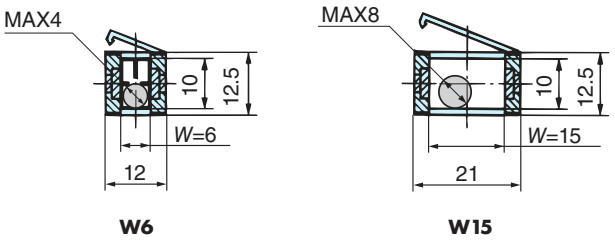
TKP13H10 Openable Stay (W6, W15)

Structure

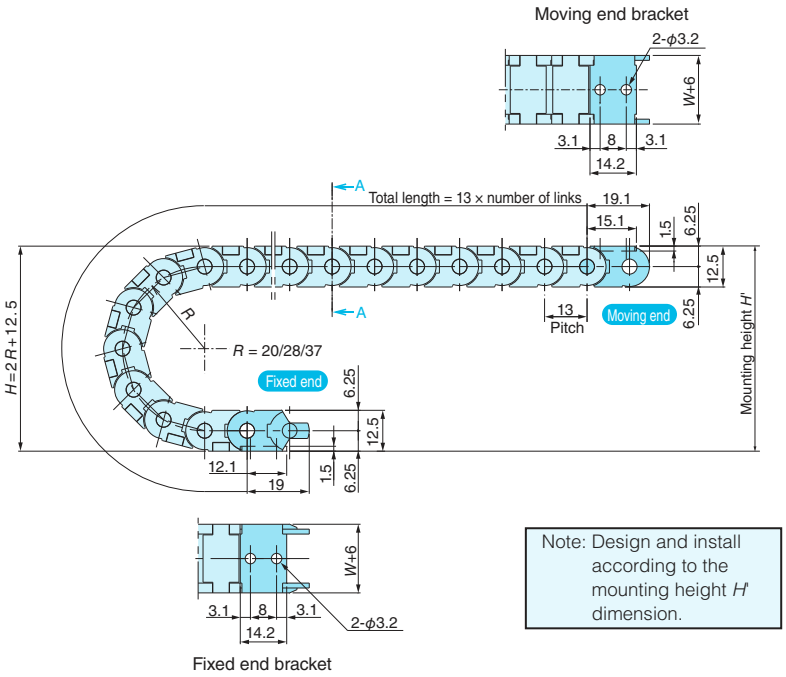


Cross-section dimensions



A–A arrow view

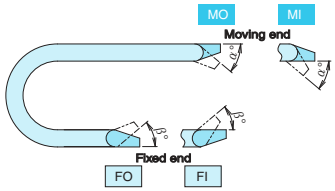
Dimensions & brackets



Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
20	62.5 to 82.5
28	78.5 to 98.5
37	96.5 to 116.5

Note: MO, MI, FO, and FI brackets are all common parts.



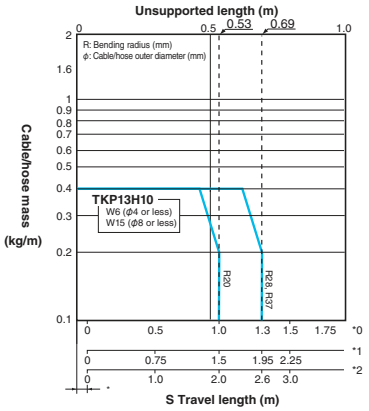
Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
Common for all *R*	0	0

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		−40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		77

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

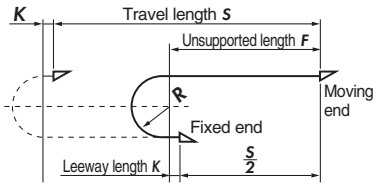


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 13 mm
K: Leeway length = 13 mm or greater

Model number

TKP13H10 - (1) W (2) R (3) + (4) L - (5) - (6)

(1) Opening options	
30	Outside openable stay

(2) Inner width
6
15

(3) Bending radius
20
28
37

(4) Number of links

(5) Fixed end
FO
FI

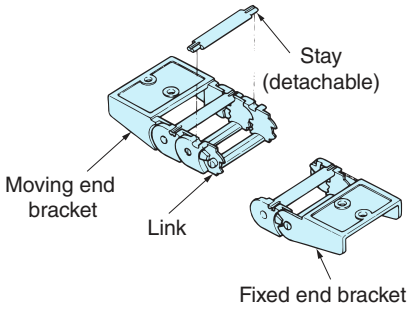
(6) Moving end
MO
MI

Note: Brackets are delivered uninstalled.

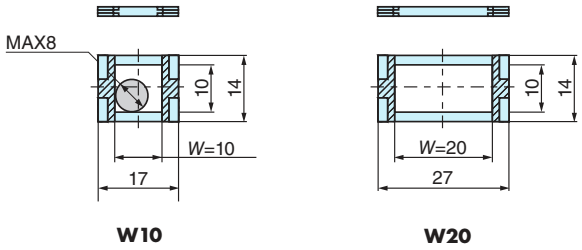
See page 15 for ordering information
See page 42 for model number of parts
See page 143 for product mass

TKP13H10 Openable Stay (W10, W20)

Structure

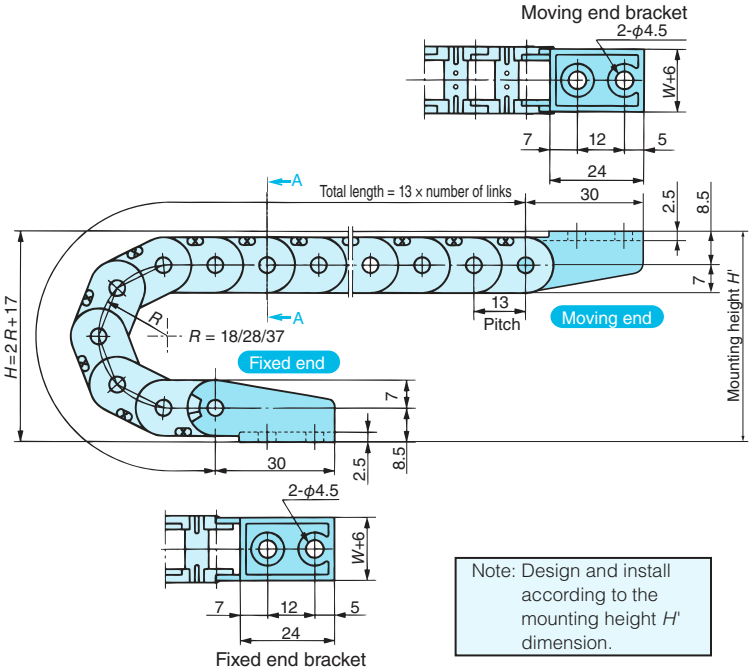


Cross-section dimensions



A–A arrow view

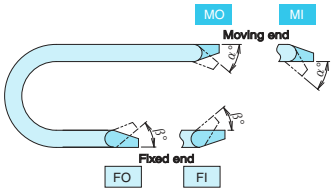
Dimensions & brackets



Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
18	63 to 83
28	83 to 103
37	101 to 121

Notes: 1. MO and MI brackets and FO and FI brackets are each common parts.
2. Stays are delivered uninstalled.



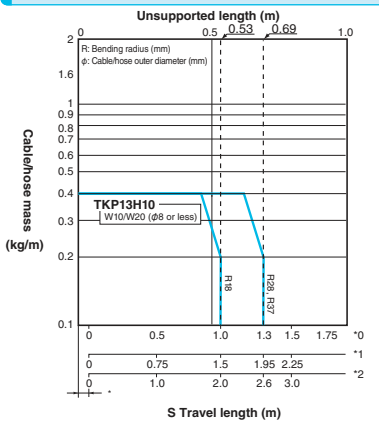
Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
18	45	42
28		26
37		20

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		-40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		77

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

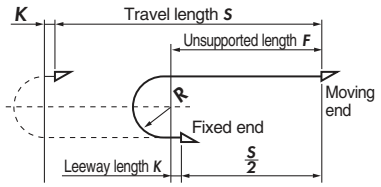


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 13 mm
K: Leeway length = 13 mm or greater

Model number

TKP13H10 - (1) W (2) R (3) TC + (4) L - (5) - (6)

(1) Opening options	
30	Outside openable stay

(2) Inner width
10
20

(3) Bending radius
18
28
37

(4) Number of links

(5) Fixed end
FO
FI

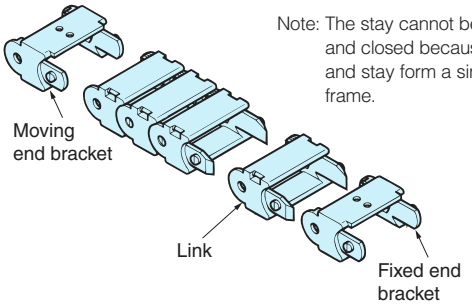
(6) Moving end
MO
MI

Note: Stays and brackets are delivered uninstalled.

See page 15 for ordering information
See page 42 for model number of parts
See page 143 for product mass

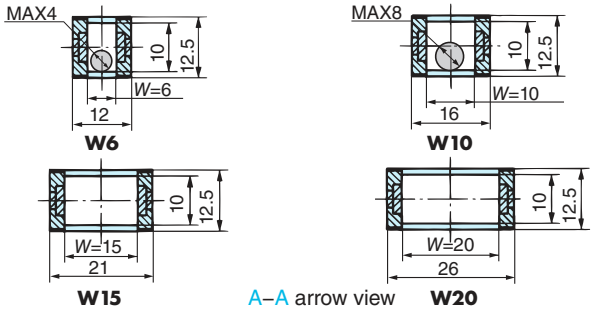
TKP13H10 Single-part Frame (W6, W10, W15, W20)

Structure

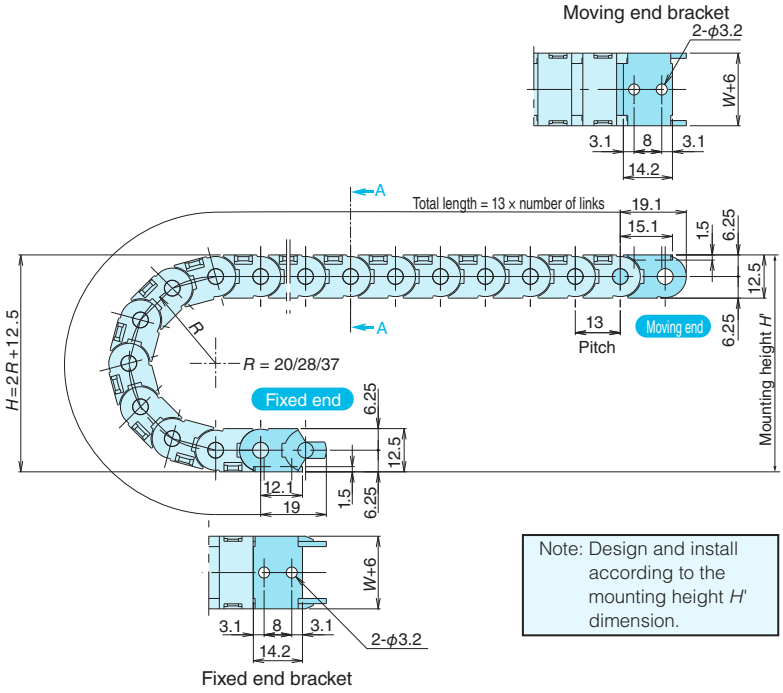


Note: The stay cannot be opened and closed because the link and stay form a single-part frame.

Cross-section dimensions



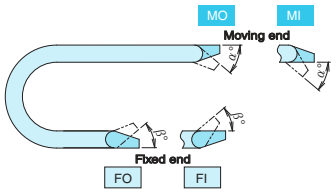
Dimensions & brackets



Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
20	62.5 to 82.5
28	78.5 to 98.5
37	96.5 to 116.5

Note: MO, MI, FO, and FI brackets are all common parts.



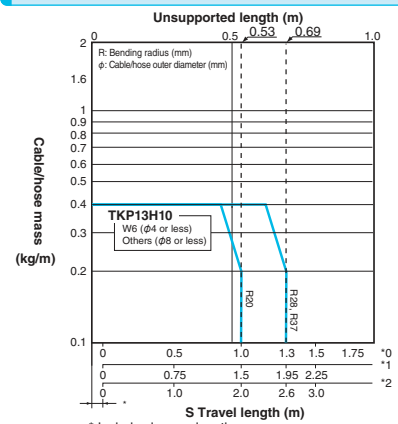
Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
Common for all *R*	0	0

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		-40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		77

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

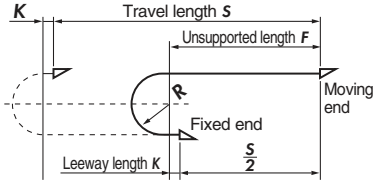


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 13 mm
K: Leeway length = 13 mm or greater

Model number

TKP13H10 - (1) W (2) R (3) + (4) L - (5) - (6)

(1) Opening options	
20	Single-part frame (stay cannot be opened)

(2) Inner width
6
10
15
20

(3) Bending radius
20
28
37

(4) Number of links

(5) Fixed end
FO
FI

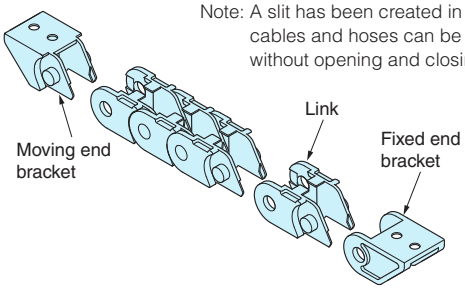
(6) Moving end
MO
MI

Note: Brackets are delivered uninstalled.

See page 15 for ordering information
See page 42 for model number of parts
See page 143 for product mass

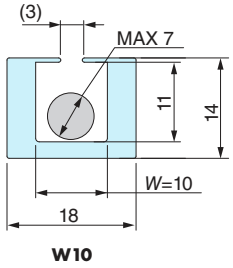
TKP17H11 (Patented)

Structure



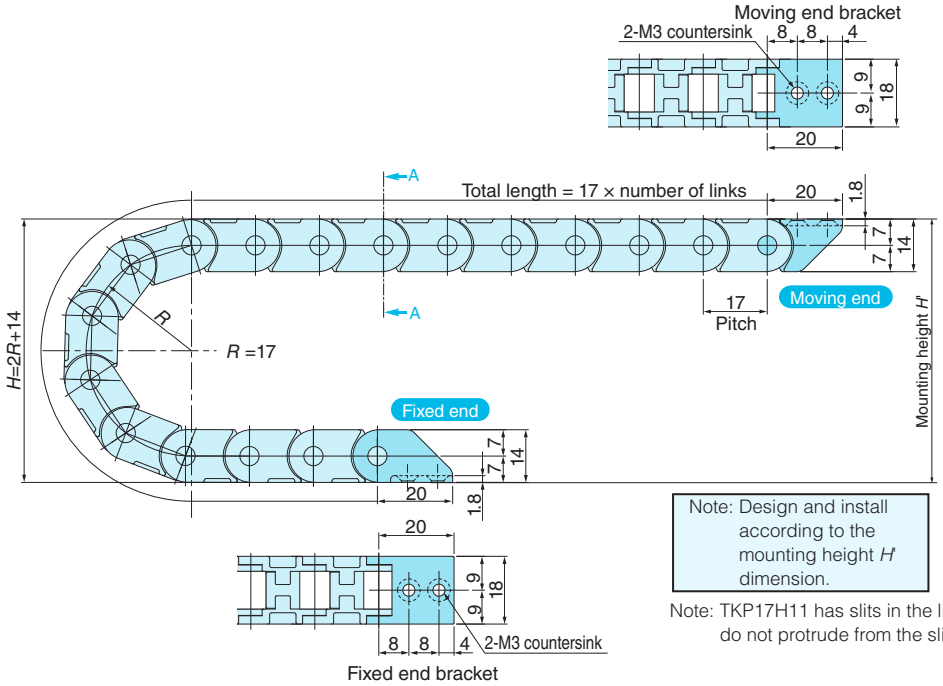
Note: A slit has been created in the link so cables and hoses can be installed without opening and closing stays.

Cross-section dimensions



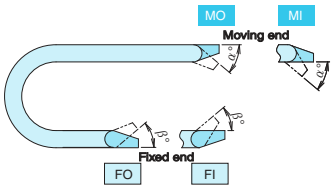
A–A arrow view

Dimensions & brackets



Bending radius R (mm)	Mounting height H' (mm)
17	58 to 78

Note: FO and FI brackets are common parts.



Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
17	60	55

Note: Design and install according to the mounting height H' dimension.

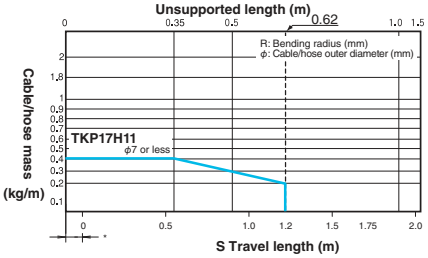
Note: TKP17H11 has slits in the links. Use flexible cables and hoses so that they do not protrude from the slits.

Basic specifications

Maximum travel speed (m/min)		150
Operating temperature range (°C)		-40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		60

Note: Cannot be used in acidic or alkaline environments.

Load diagram

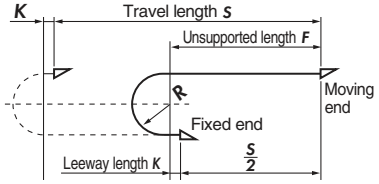


* Includes leeway length.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 17 mm
K: Leeway length = 17 mm or greater

Model number

TKP17H11 - (1) W (2) R (3) + (4) L - (5) - (6)

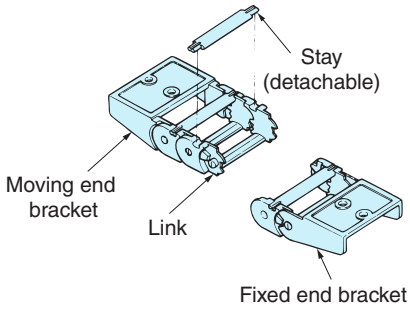
(1) Opening options	(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30 Outside openable stay	10	17		FO	MO
				FI	MI

Note: Brackets are delivered uninstalled.

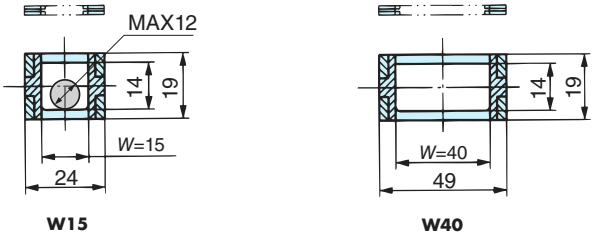
See page 15 for ordering information
See page 42 for model number of parts
See page 143 for product mass

TKP18H14 Openable Stay (W15, W40)

Structure

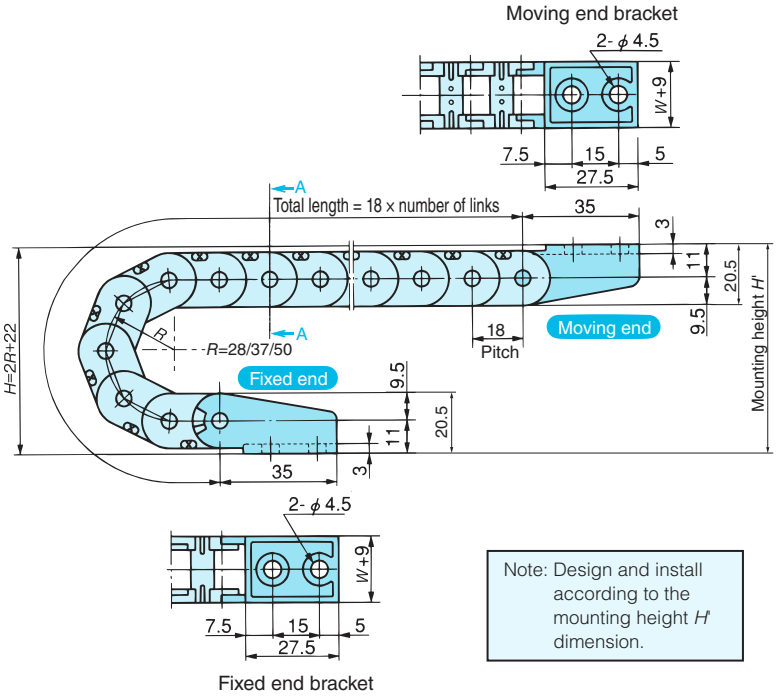


Cross-section dimensions



A–A arrow view

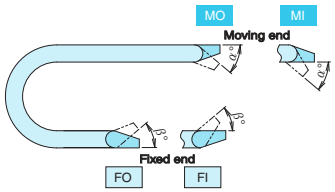
Dimensions & brackets



Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
28	88 to 108
37	106 to 126
50	132 to 152

Notes: 1. MO and MI brackets and FO and FI brackets are each common parts.
2. Stays are delivered uninstalled.



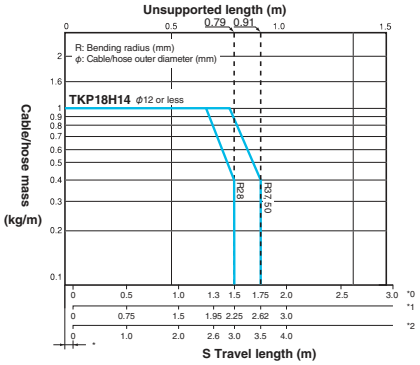
Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
28	45	37
37		28
50		20

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		-40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		55

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

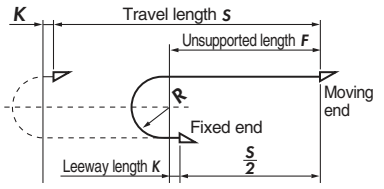


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 18 mm
K: Leeway length = 18 mm or greater

Model number

TKP18H14 - (1) W (2) R (3) TC + (4) L - (5) - (6)

(1) Opening options	
30	Outside openable stay

(2) Inner width
15
40

(3) Bending radius
28
37
50

(4) Number of links

(5) Fixed end
FO
FI

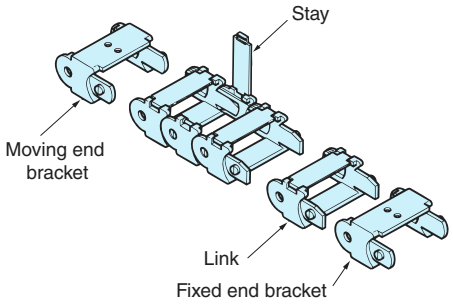
(6) Moving end
MO
MI

Note: Stays and brackets are delivered uninstalled.

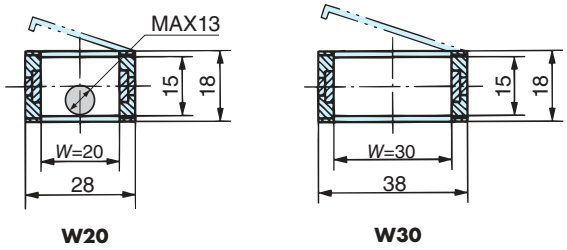
See page 15 for ordering information
See page 42 for model number of parts
See page 143 for product mass

TKP18H15 Openable Stay (W20, W30)

Structure

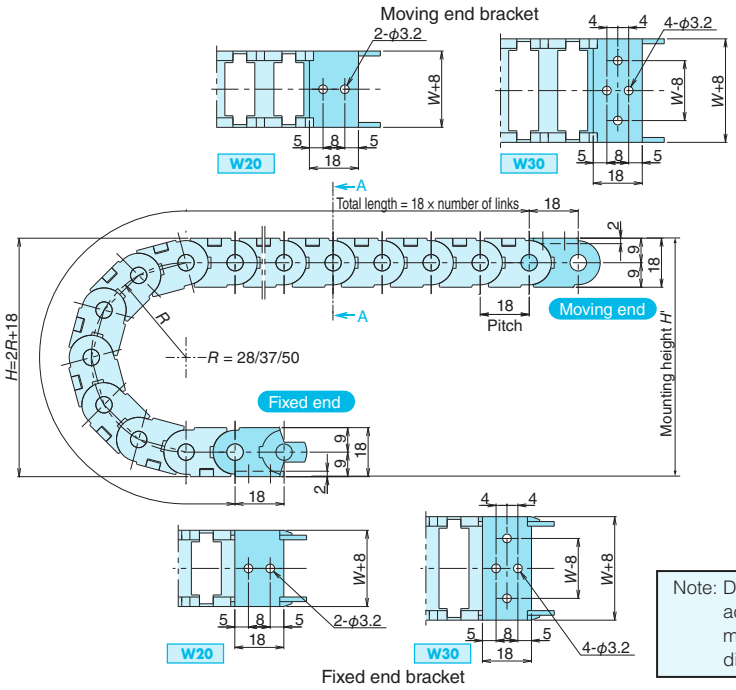


Cross-section dimensions



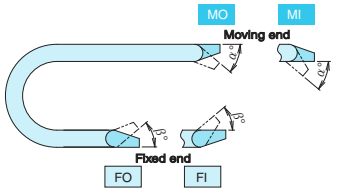
A–A arrow view

Dimensions & brackets



Bending radius R (mm)	Mounting height H' (mm)
28	84 to 104
37	102 to 122
50	128 to 148

Note: MO, MI, FO, and FI brackets are all common parts.



Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
Common for all R	0	0

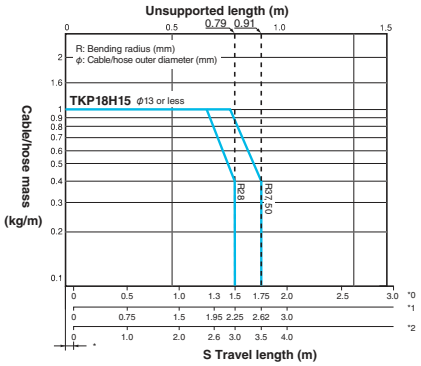
Note: Design and install according to the mounting height H' dimension.

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		-40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		55

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

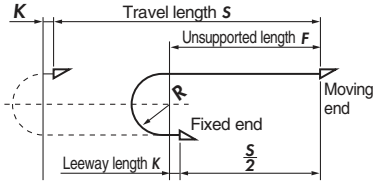


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 18 mm
K: Leeway length = 18 mm or greater

Model number

TKP18H15 - (1) W (2) R (3) + (4) L - (5) - (6)

(1) Opening options	
30	Outside openable stay

(2) Inner width
20
30

(3) Bending radius
28
37
50

(4) Number of links

(5) Fixed end
FO
FI

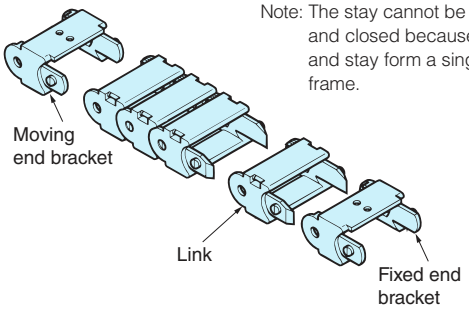
(6) Moving end
MO
MI

Note: Brackets are delivered uninstalled.

See page 15 for ordering information
See page 42 for model number of parts
See page 143 for product mass

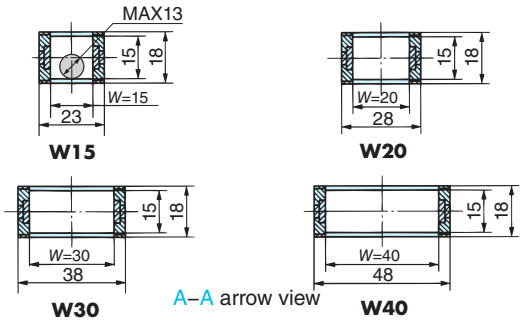
TKP18H15 Single-part Frame (W15, W20, W30, W40)

Structure

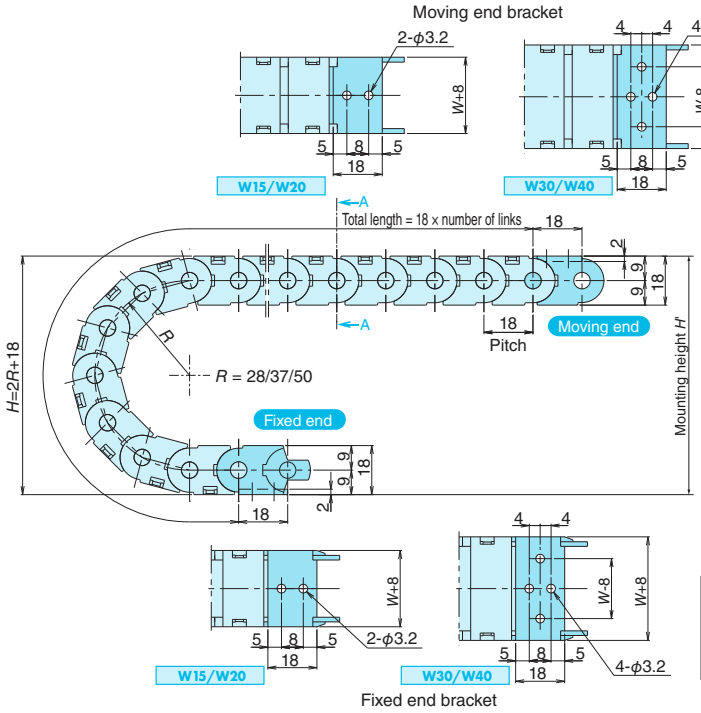


Note: The stay cannot be opened and closed because the link and stay form a single-part frame.

Cross-section dimensions

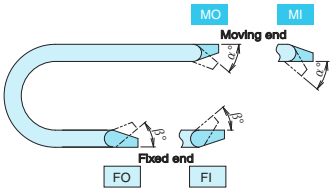


Dimensions & brackets



Bending radius R (mm)	Mounting height H' (mm)
28	84 to 104
37	102 to 122
50	128 to 148

Note: MO, MI, FO, and FI brackets are all common parts.



Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
Common for all R	0	0

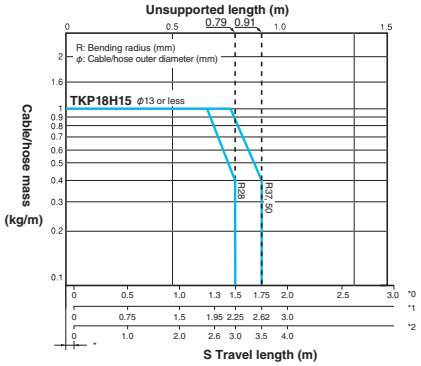
Note: Design and install according to the mounting height H' dimension.

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		−40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		55

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

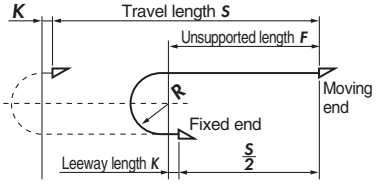


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 18 mm
K: Leeway length = 18 mm or greater

Model number

TKP18H15 - (1) W (2) R (3) + (4) L - (5) - (6)

(1) Opening options	
20	Single-part frame (stay cannot be opened)

(2) Inner width
15
20
30
40

(3) Bending radius
28
37
50

(4) Number of links

(5) Fixed end
FO
FI

(6) Moving end
MO
MI

Note: Brackets are delivered uninstalled.

See page 15 for ordering information
See page 42 for model number of parts
See page 143 for product mass

TKP13H10 to TKP18H15 Bracket Model Number

TKP13H10

■ Bracket (openable stay)

Model number	For cable carrier model number
TKP13H10W6-MO	TKP13H10-30W6R■■
TKP13H10W6-MI	
TKP13H10W6-FO	
TKP13H10W6-FI	
TKP13H10W10TC-MO	TKP13H10-30W10R■■TC
TKP13H10W10TC-MI	
TKP13H10W10TC-FO	
TKP13H10W10TC-FI	
TKP13H10W15-MO	TKP13H10-30W15R■■
TKP13H10W15-MI	
TKP13H10W15-FO	
TKP13H10W15-FI	
TKP13H10W20TC-MO	TKP13H10-30W20R■■TC
TKP13H10W20TC-MI	
TKP13H10W20TC-FO	
TKP13H10W20TC-FI	

■ Bracket (single-part frame)

Model number	For cable carrier model number
TKP13H10W6-MO	TKP13H10-20W6R■■
TKP13H10W6-MI	
TKP13H10W6-FO	
TKP13H10W6-FI	
TKP13H10W10-MO	TKP13H10-20W10R■■
TKP13H10W10-MI	
TKP13H10W10-FO	
TKP13H10W10-FI	
TKP13H10W15-MO	TKP13H10-20W15R■■
TKP13H10W15-MI	
TKP13H10W15-FO	
TKP13H10W15-FI	
TKP13H10W20-MO	TKP13H10-20W20R■■
TKP13H10W20-MI	
TKP13H10W20-FO	
TKP13H10W20-FI	

TKP17H11

■ Bracket

Model number	For cable carrier model number
TKP17H11W10-MO	TKP17H11-30W10R17
TKP17H11W10-MI	
TKP17H11W10-FO	
TKP17H11W10-FI	

TKP18H14/TKP18H15

■ Bracket (openable stay)

Model number	For cable carrier model number
TKP18H14W15TC-MO	TKP18H14-30W15R■■TC
TKP18H14W15TC-MI	
TKP18H14W15TC-FO	
TKP18H14W15TC-FI	
TKP18H15W20-MO	TKP18H15-30W20R■■
TKP18H15W20-MI	
TKP18H15W20-FO	
TKP18H15W20-FI	
TKP18H15W30-MO	TKP18H15-30W30R■■
TKP18H15W30-MI	
TKP18H15W30-FO	
TKP18H15W30-FI	
TKP18H14W40TC-MO	TKP18H14-30W40R■■TC
TKP18H14W40TC-MI	
TKP18H14W40TC-FO	
TKP18H14W40TC-FI	

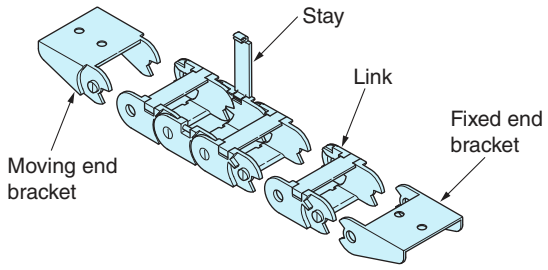
■ Bracket (single-part frame)

Model number	For cable carrier model number
TKP18H15W15-MO	TKP18H15-20W15R■■
TKP18H15W15-MI	
TKP18H15W15-FO	
TKP18H15W15-FI	
TKP18H15W20-MO	TKP18H15-20W20R■■
TKP18H15W20-MI	
TKP18H15W20-FO	
TKP18H15W20-FI	
TKP18H15W30-MO	TKP18H15-20W30R■■
TKP18H15W30-MI	
TKP18H15W30-FO	
TKP18H15W30-FI	
TKP18H15W40-MO	TKP18H15-20W40R■■
TKP18H15W40-MI	
TKP18H15W40-FO	
TKP18H15W40-FI	

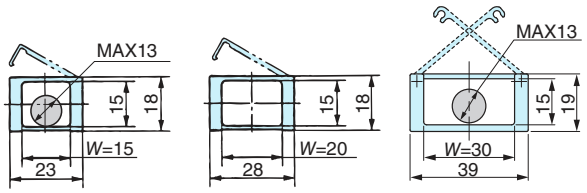
See page 15 for ordering information
See page 143 for product mass

TKP25H15

Structure



Cross-section dimensions

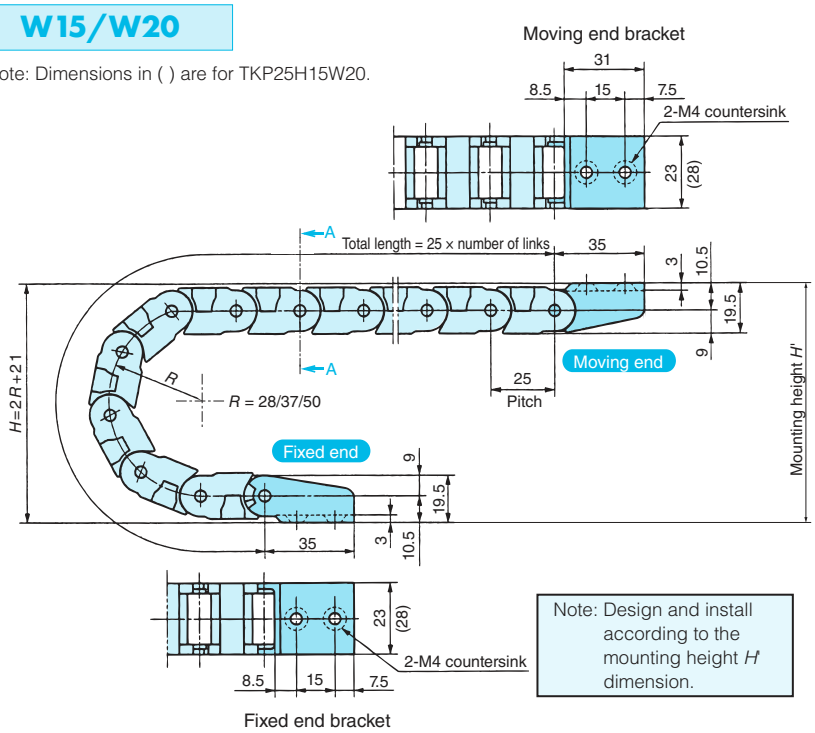


A–A arrow view

Dimensions & brackets

W15/W20

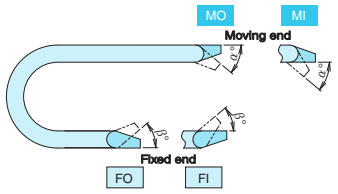
Note: Dimensions in ( ) are for TKP25H15W20.



Note: Design and install according to the mounting height *H'* dimension.

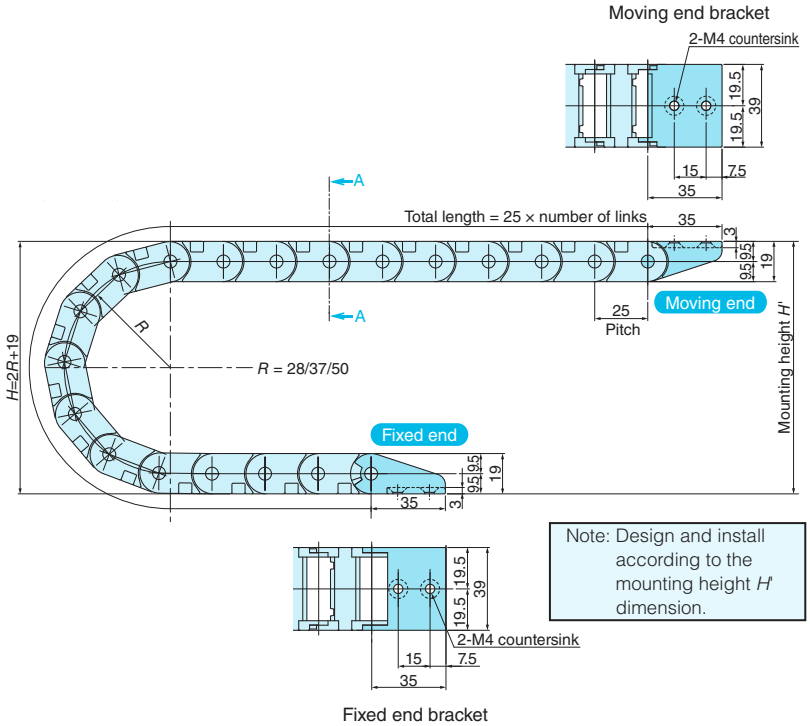
Bending radius *R* (mm)	Mounting height *H'* (mm)
28	87 to 107
37	105 to 125
50	131 to 151

Note: MO and MI brackets and FO and FI brackets are each common parts.



Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
28	30	53
37		39
50		28

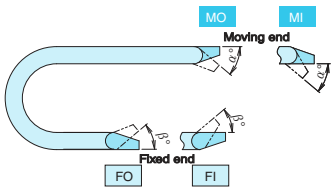
W30



Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
28	85 to 105
37	103 to 123
50	129 to 149

Note: FO and FI brackets are common parts.



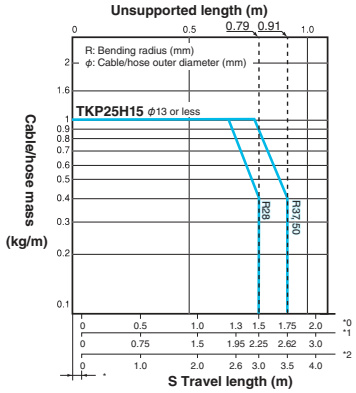
Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
28	40	53
37		
50		

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		−40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
Standard length (No. of links)		40

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

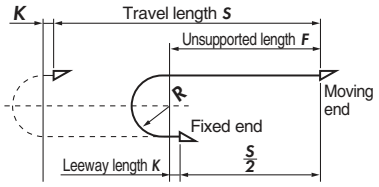


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 25 mm
K: Leeway length = 25 mm or greater

Model number

TKP25H15 - (1) W (2) R (3) + (4) L - (5) - (6)

(1) Opening options		(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30	Outside openable stay	15	28		FO	MO
		20	37		FI	MI
		30	50			

Note: Brackets are delivered uninstalled.

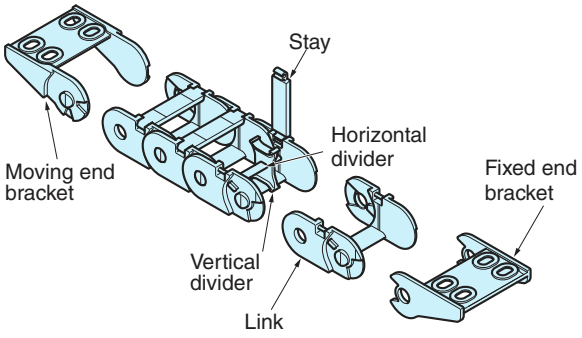
■ Bracket

Model number	For cable carrier model number
TKP25H15W15-MO	TKP25H15-30W15R■■
TKP25H15W15-MI	
TKP25H15W15-FO	
TKP25H15W15-FI	
TKP25H15W20-MO	TKP25H15-30W20R■■
TKP25H15W20-MI	
TKP25H15W20-FO	
TKP25H15W20-FI	
TKP25H15W30-MO	TKP25H15-30W30R■■
TKP25H15W30-MI	
TKP25H15W30-FO	
TKP25H15W30-FI	

See page 15 for ordering information
See page 143 for product mass

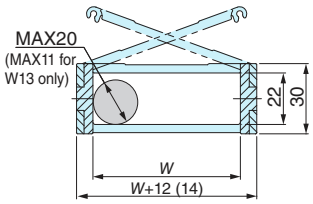
TKP35H22

Structure

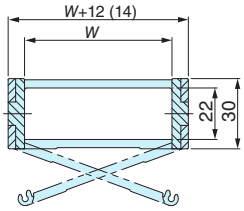


Cross-section dimensions

Outside openable stay



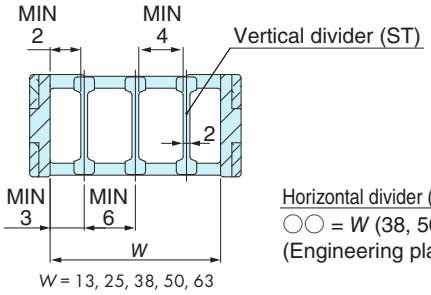
Inside openable stay



Note: Figures in ( ) are for $W = 63$.
W = 13, 25, 38, 50, 63
A–A arrow view

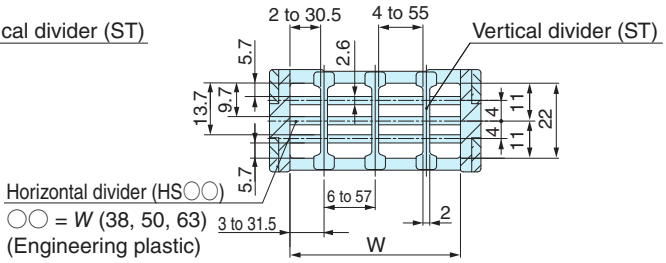
Divider dimensions

(1) When using only vertical dividers



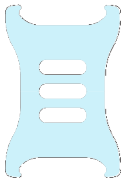
W = 13, 25, 38, 50, 63

(2) Fully-stayed multiple height separation (DSA type)

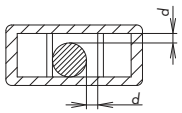


W = 38, 50, 63 (W = 13, 25 are not applicable)

Vertical divider

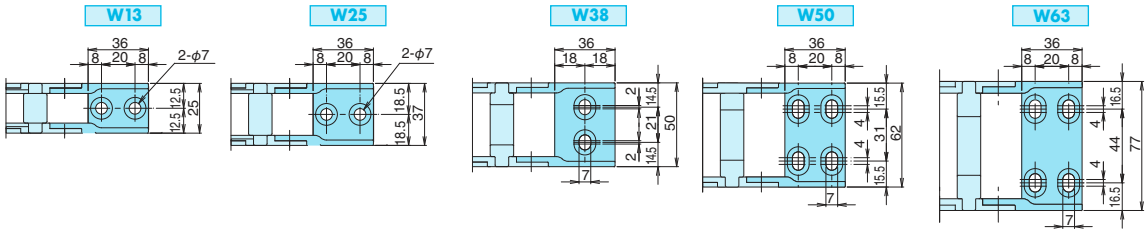


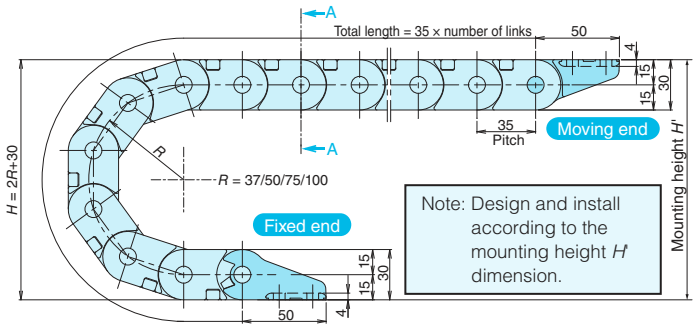
Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.



Dimensions & brackets

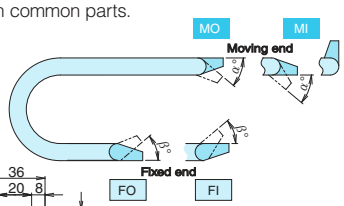
Moving end bracket

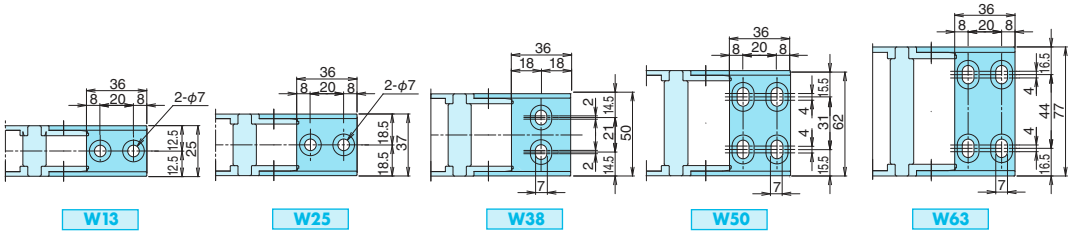




Bending radius *R* (mm)	Mounting height *H'* (mm)
37	114 to 134
50	140 to 160
75	190 to 210
100	240 to 260

Note: MO and MI brackets and FO and FI brackets are each common parts.





Fixed end bracket

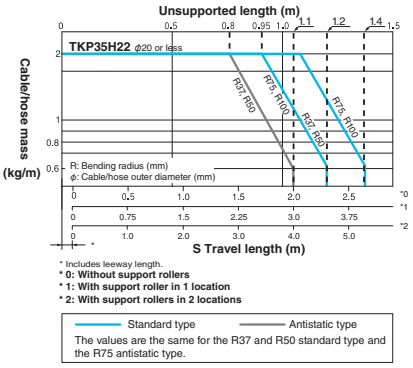
Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
37	0	60
50		
75		
100		

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		-40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
	Vertical divider	
	Horizontal divider	Engineering plastic (white)
Standard length (No. of links)		25

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

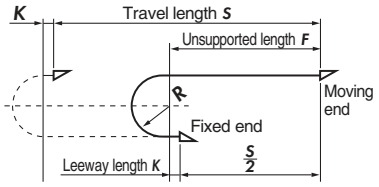


Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 35 mm
K: Leeway length = 35 mm or greater

Model number

TKP35H22 - (1) W (2) R (3) + (4) L - (5) - (6)

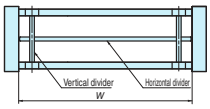
(1) Opening options		(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30	Outside openable stay	13	37		FO	MO
40	Inside openable stay	25	50		FI	MI
		38	75			
		50	100			
		63				

Notes: 1. Install dividers every 2 links.
2. Brackets and dividers are delivered uninstalled.
3. Refer to page 131 for model number for the gliding arrangement.
4. When ordering a circular travel arrangement, the made-to-order content will depend on the operating conditions. Contact a Tsubaki representative for further information.

■ Divider

Type	Model number	Part	Unit
(1) Vertical divider	TKP35H22-ST	1 vertical divider	K (pcs)
(2) Horizontal divider (For DSA type)	TKP35H22-HS (Dimension *W*) *W* = 38/50/63	1 horizontal divider	K (pcs)

DSA type



■ Vertical divider

Model number	For cable carrier model number
TKP35H22-ST	TKP35H22-30/40W■■R■■

■ Horizontal divider

Model number	For cable carrier model number
TKP35H22-HS38	TKP35H22-30/40W38R■■
TKP35H22-HS50	TKP35H22-30/40W50R■■
TKP35H22-HS63	TKP35H22-30/40W63R■■

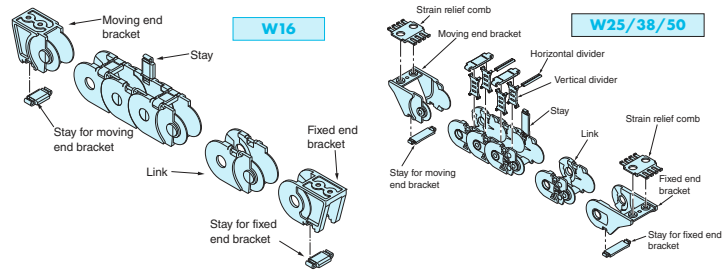
■ Bracket

Model number	For cable carrier model number
TKP35H22W13-MO	TKP35H22-30/40W13R■■
TKP35H22W13-MI	
TKP35H22W13-FO	
TKP35H22W13-FI	
TKP35H22W25-MO	TKP35H22-30/40W25R■■
TKP35H22W25-MI	
TKP35H22W25-FO	
TKP35H22W25-FI	
TKP35H22W38-MO	TKP35H22-30/40W38R■■
TKP35H22W38-MI	
TKP35H22W38-FO	
TKP35H22W38-FI	
TKP35H22W50-MO	TKP35H22-30/40W50R■■
TKP35H22W50-MI	
TKP35H22W50-FO	
TKP35H22W50-FI	
TKP35H22W63-MO	TKP35H22-30/40W63R■■
TKP35H22W63-MI	
TKP35H22W63-FO	
TKP35H22W63-FI	

See page 15 for ordering information
See page 143 for product mass

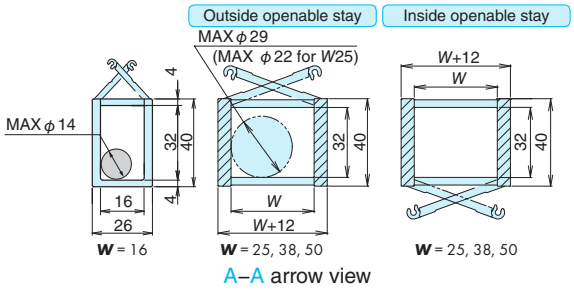
TKP35H32

Structure



Note: The stay, stay for the moving end bracket, and stay for the fixed end bracket are common parts.

Cross-section dimensions

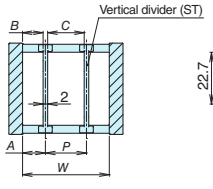


A–A arrow view

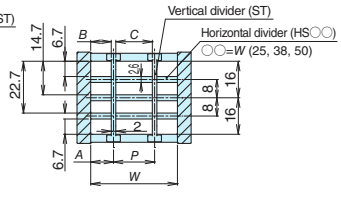
Note: Cable carrier must be used at low speeds and frequencies when cables and hoses are stacked inside.

Divider dimensions

(1) When using only vertical dividers



(2) Fully-stayed multiple height separation (DSA type)



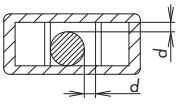
Vertical divider (fastening method)	Inner width W (mm)	A (mm)	B (mm)	P (mm)	C (mm)
ST (sliding installation)	25/38/50	3 to 21	2 to 20	6 to 44	4 to 42
ST (fixable installation)	25	4.5 to 14.5 (2 mm increments)	3.5 to 13.5 (2 mm increments)	6 to 16 (2 mm increments)	4 to 14 (2 mm increments)
	38	5 to 21 (2 mm increments)	4 to 20 (2 mm increments)	6 to 28 (2 mm increments)	4 to 26 (2 mm increments)
	50	5 to 21 (2 mm increments)	4 to 20 (2 mm increments)	6 to 40 (2 mm increments)	4 to 38 (2 mm increments)

Notes: 1. Vertical dividers and horizontal dividers cannot be installed to the W16.
2. The maximum values for *A*, *B*, *P*, and *C* are applied when using horizontal dividers. 2 or more vertical dividers are required when using a horizontal divider.

Notes:

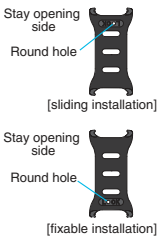
A: **Distance from center of vertical divider to end face of link**
B: **Gap between vertical divider and link**
P: **Distance between the centers of neighboring vertical dividers**
C: **Gap between neighboring vertical dividers**

Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.



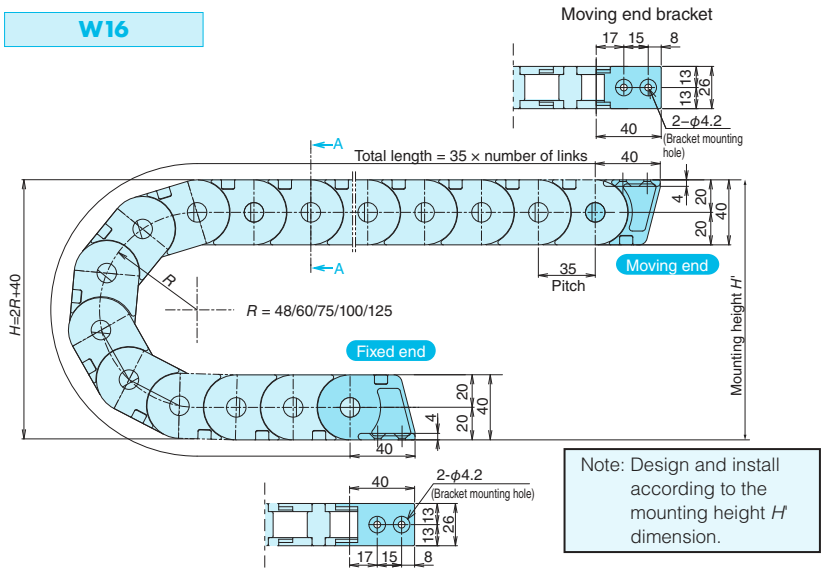
Vertical divider (fastening method)

◆ Fixable installation and sliding installation can be selected by the direction the same part is installed.



Dimensions & brackets

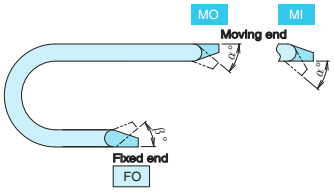
W16



Note: Design and install according to the mounting height *H'* dimension.

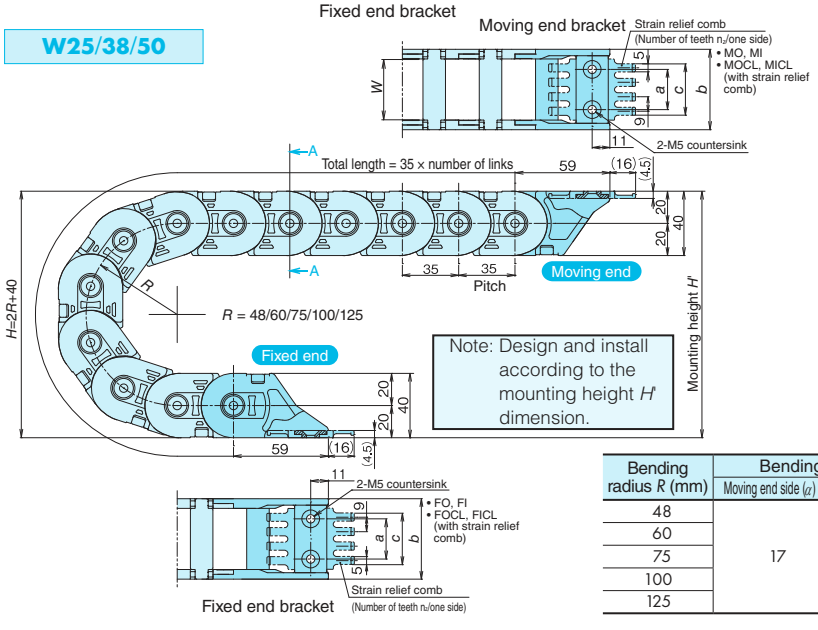
Bending radius *R* (mm)	Mounting height *H'* (mm)
48	146 to 166
60	170 to 190
75	200 to 220
100	250 to 270
125	300 to 320

Note: MO and MI brackets are common parts.



Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (*α*)	Fixed end side (*β*)
48	28	27
60		
75		
100		
125		

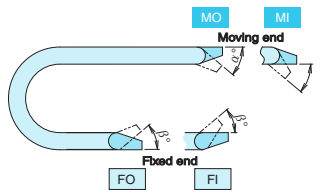
W25/38/50



Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
48	146 to 166
60	170 to 190
75	200 to 220
100	250 to 270
125	300 to 320

Note: MO and MI brackets and FO and FI brackets are each common parts.



Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (*α*)	Fixed end side (*β*)
48	17	27
60		17
75		10
100		3
125		0

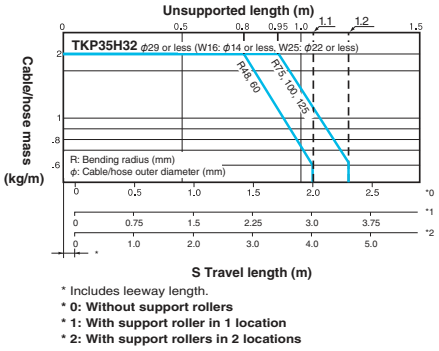
W (mm)	*a* (mm)	*b* (mm)	*c* (mm)	Strain relief comb n_z (Number of teeth)
25	12	37	23	3
38	25	50	32	4
50	37	62	50	6

Basic specifications

Maximum travel speed (m/min)		300 ★1
Operating temperature range (°C)		-40 to 80
Materials	Link	Engineering plastic (black)
	Bracket	
	Vertical divider ★2	
	Horizontal divider ★2	Engineering plastic (white)
Standard length (No. of links)		25

Notes: ★1. 150 m/min for support roller arrangement.
★2. Vertical dividers and horizontal dividers cannot be installed to the W16.
3. Cannot be used in acidic or alkaline environments.

Load diagram

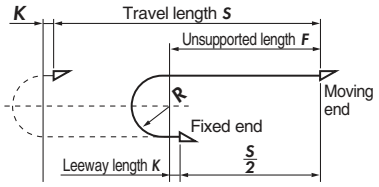


* Includes leeway length.
* 0: Without support rollers
* 1: With support roller in 1 location
* 2: With support rollers in 2 locations

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 35 mm
K: Leeway length = 35 mm or greater

Model number

W16

TKP35H32 - (1) W (2) R (3) + (4) L - (5) - (6)

(1) Opening options		(2) Inner width	(3) Bending radius		(4) Number of links	(5) Fixed end	(6) Moving end
30	Outside openable stay	16	48	100		FO	MO
			60	125			MI
			75				

W25/38/50

TKP35H32 - (1) W (2) R (3) + (4) L - (5) - (6)

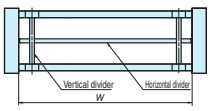
(1) Opening options		(2) Inner width	(3) Bending radius		(4) Number of links	(5) Fixed end		(6) Moving end	
30	Outside openable stay	25	48	100		FO	FOCL	MO	MOCL
40	Inside openable stay	38	60	125		FI	FICL	MI	MICL
		50	75						

Notes: 1. Install dividers every 2 links.
2. Brackets, vertical dividers, horizontal dividers, and strain relief combs are delivered uninstalled.
3. Vertical dividers and horizontal dividers cannot be installed with an inner width of 16 mm.

■ Divider

Type	Model number	Part	Unit
(1) Vertical divider	TKP35H32-ST	1 vertical divider	K (pcs)
(2) Horizontal divider (For DSA type)	TKP35H32-HS (Dimension W) W = 25/38/50	1 horizontal divider	K (pcs)

DSA type



■ Vertical divider

Model number	For cable carrier model number
TKP35H32-ST	TKP35H32-30/40W■■ (■■ = 25/38/50)

■ Horizontal divider

Model number	For cable carrier model number
TKP35H32-HS25	TKP35H32-30/40W25R■■
TKP35H32-HS38	TKP35H32-30/40W38R■■
TKP35H32-HS50	TKP35H32-30/40W50R■■

■ Strain relief comb

Model number	Applicable bracket
TKP35H32W25-CL-P	TKP35H32W25-○○
TKP35H32W38-CL-P	TKP35H32W38-○○
TKP35H32W50-CL-P	TKP35H32W50-○○

■ Bracket

Model number	For cable carrier model number
TKP35H32W16-MO	TKP35H32-30W16R■■
TKP35H32W16-MI	
TKP35H32W16-FO	
TKP35H32W25-MO	TKP35H32-30/40W25R■■
TKP35H32W25-MI	
TKP35H32W25-FO	
TKP35H32W25-FI	
TKP35H32W38-MO	TKP35H32-30/40W38R■■
TKP35H32W38-MI	
TKP35H32W38-FO	
TKP35H32W38-FI	
TKP35H32W50-MO	TKP35H32-30/40W50R■■
TKP35H32W50-MI	
TKP35H32W50-FO	
TKP35H32W50-FI	

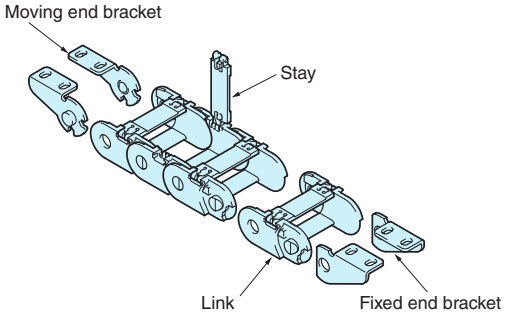
■ Bracket (with strain relief comb)

Model number	For cable carrier model number
TKP35H32W25-MOCL	TKP35H32-30/40W25R■■
TKP35H32W25-MICL	
TKP35H32W25-FOCL	
TKP35H32W25-FICL	
TKP35H32W38-MOCL	TKP35H32-30/40W38R■■
TKP35H32W38-MICL	
TKP35H32W38-FOCL	
TKP35H32W38-FICL	
TKP35H32W50-MOCL	TKP35H32-30/40W50R■■
TKP35H32W50-MICL	
TKP35H32W50-FOCL	
TKP35H32W50-FICL	

See page 15 for ordering information
See page 143 for product mass

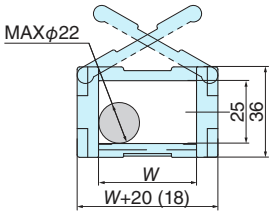
TKP45H25

Structure

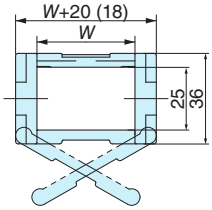


Cross-section dimensions

Outside openable stay



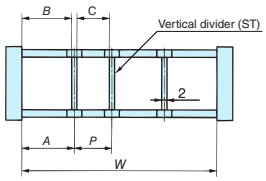
Inside openable stay



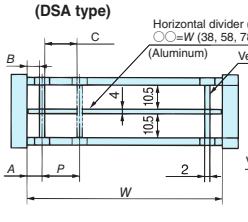
Note: Figures in ( ) are for W = 38.
W = 38, 58, 78, 103
A–A arrow view

Divider dimensions

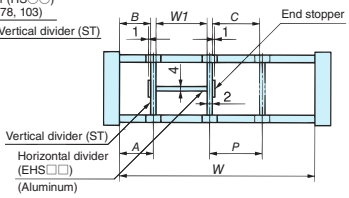
(1) When using only vertical dividers



(2) Fully-stayed 2-layers height separation (DSA type)



(3) Partial 2-layers height separation (DSB type)



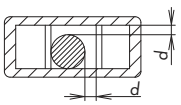
Vertical divider

Vertical divider (fastening method)	Inner width W (mm)	A (mm)	B (mm)	P (mm)	C (mm)	W1 (mm)
ST (sliding installation)	38	4 to 43	3 to 42	8 to 95	6 to 93	11 to W−10 (1 mm increments)
	58					
	78					
	103					

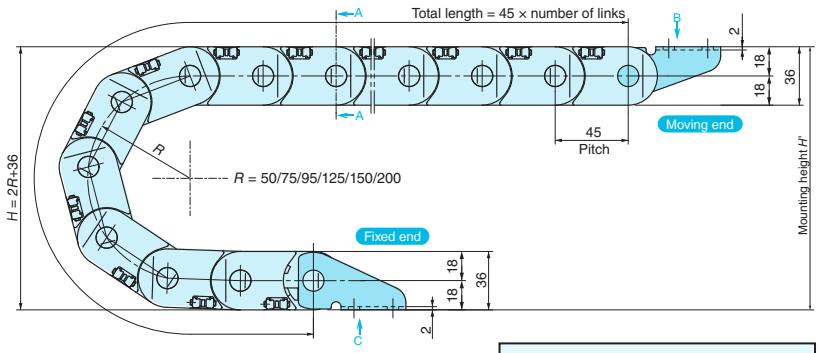
Notes:

A: **Distance from center of vertical divider to end face of link**
B: **Gap between vertical divider and link**
P: **Distance between the centers of neighboring vertical dividers**
C: **Gap between neighboring vertical dividers**

Note: Make the gap between cables/hoses and the divider or link (d in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.



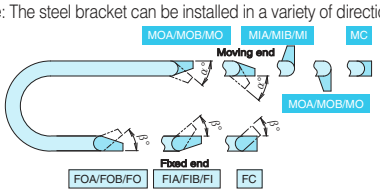
Dimension drawings



Note: Design and install according to the mounting height H' dimension.

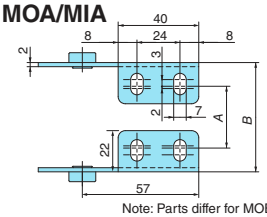
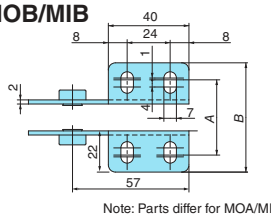
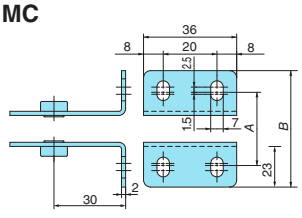
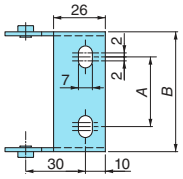
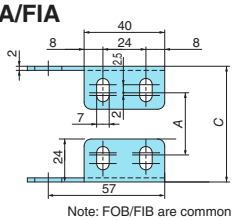
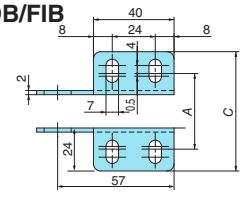
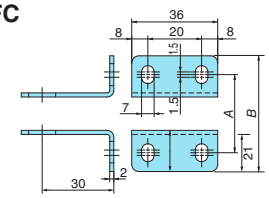
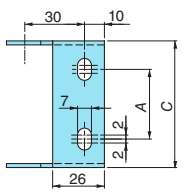
Bending radius R (mm)	Mounting height H' (mm)
50	146 to 166
75	196 to 216
95	236 to 256
125	296 to 316
150	346 to 366
200	446 to 466

Note: The steel bracket can be installed in a variety of directions.



Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
Common for all R	0	25

Steel bracket variants and dimensions

	Connection surface inside	Connection surface outside	Flange mounting	Single-part steel bracket
Moving end bracket B arrow view	**MOA/MIA**  Note: Parts differ for MOB/MIB.	**MOB/MIB**  Note: Parts differ for MOA/MIA.	**MC** 	**MO/MI** 
Fixed end bracket C arrow view	**FOA/FIA**  Note: FOB/FIB are common parts.	**FOB/FIB**  Note: FOA/FIA are common parts.	**FC** 	**FO/FI** 

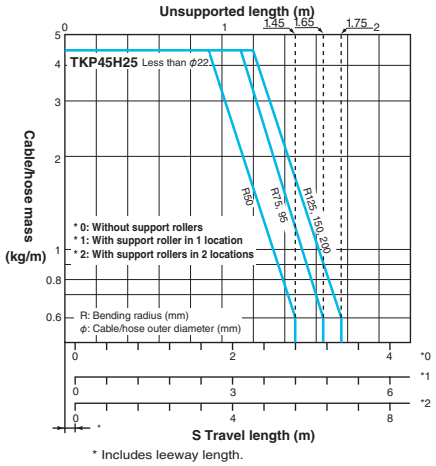
Inner width W (mm)	A (mm)	B (mm)	C (mm)	A (mm)	B (mm)	C (mm)	A (mm)	B (mm)	A (mm)	B (mm)	C (mm)
38	23	48	52	72	88	96	70	90	25	48	53
58	44	69	73	93	109	117	91	111	44	69	74
78	64	89	93	113	129	137	111	131	64	89	94
103	89	114	118	138	154	162	136	156	90	114	119

Basic specifications

Maximum travel speed (m/min)			300 ★1
Operating temperature range (°C)			-40 to 80
Materials	Link		Engineering plastic (black)
	Bracket		Steel (Trivalent chromate plating)
	Vertical divider		Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			20

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

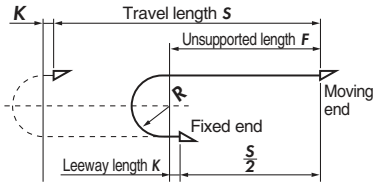


Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 45 mm
K: Leeway length = 45 mm or greater

Model number

TKP45H25 - (1) W (2) R (3) + (4) L - (5) - (6)

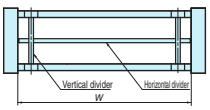
(1) Opening options		(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30	Outside openable stay	38	50		FOA	MOA
40	Inside openable stay	58	75		FIA	MIA
		78	95		FOB	MOB
		103	125		FIB	MIB
			150		FC	MC
			200		FO	MO
					FI	MI

Notes: 1. Steel brackets (excluding single-part steel brackets) and vertical dividers are common parts regardless of the inner width.
2. Install dividers every 2 links.
3. Steel brackets and dividers are delivered uninstalled.
4. Refer to page 131 for model number for the gliding arrangement.
5. When ordering a circular travel arrangement, the made-to-order content will depend on the operating conditions. Contact a Tsubaki representative for further information.

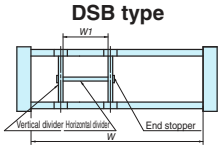
■ Divider

Type	Model number	Part	Unit
(1) Vertical divider	TKP45H25-ST	1 vertical divider	K (pcs)
(2) Horizontal divider (For DSA type)	TKP45H25-HS (Dimension W) W = 38/58/78/103	1 horizontal divider	K (pcs)
(3) Horizontal divider with end stoppers (For DSB type)	TKP45H25-EHS (Dimension W1) W1 = 11 to (W-10): 1 mm increments	1 horizontal divider 2 end stoppers	K (pcs)

DSA type



DSB type



■ Vertical divider

Model number	For cable carrier model number
TKP45H25-ST	TKP45H25-30/40W■■R■■

■ Horizontal divider

Model number	For cable carrier model number
TKP45H25-HS38	TKP45H25-30/40W38R■■
TKP45H25-HS58	TKP45H25-30/40W58R■■
TKP45H25-HS78	TKP45H25-30/40W78R■■
TKP45H25-HS103	TKP45H25-30/40W103R■■

■ Horizontal divider with end stoppers

Model number
TKP45H25-EHS□□

□□: Integer between 11 and 93

■ Split steel bracket

Model number	For cable carrier model number
TKP45H25-MOA	TKP45H25-30/40W■■R■■
TKP45H25-MIA	
TKP45H25-MOB	
TKP45H25-MIB	
TKP45H25-MC	
TKP45H25-FOA	
TKP45H25-FIA	
TKP45H25-FOB	
TKP45H25-FIB	
TKP45H25-FC	

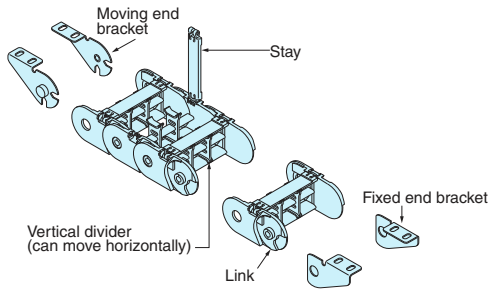
■ Single-part steel bracket

Model number	For cable carrier model number
TKP45H25W38-MO	TKP45H25-30/40W38R■■
TKP45H25W38-MI	
TKP45H25W38-FO	
TKP45H25W38-FI	
TKP45H25W58-MO	TKP45H25-30/40W58R■■
TKP45H25W58-MI	
TKP45H25W58-FO	
TKP45H25W58-FI	
TKP45H25W78-MO	TKP45H25-30/40W78R■■
TKP45H25W78-MI	
TKP45H25W78-FO	
TKP45H25W78-FI	
TKP45H25W103-MO	TKP45H25-30/40W103R■■
TKP45H25W103-MI	
TKP45H25W103-FO	
TKP45H25W103-FI	

See page 15 for ordering information
See page 143 for product mass

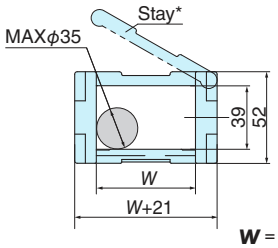
TKP58H39

Structure

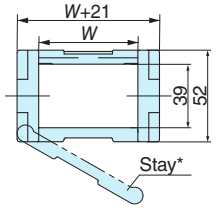


Cross-section dimensions

Outside openable stay



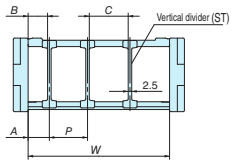
Inside openable stay



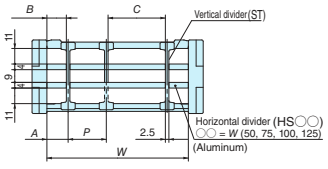
W = 50, 75, 100, 125
A–A arrow view
* Change the orientation of the stay to change the direction that the stay opens.

Divider dimensions

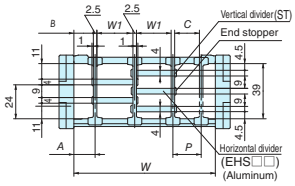
(1) When using only vertical dividers



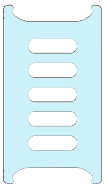
(2) Fully-stayed multiple height separation (DSA type)



(3) Partial multiple height separation (DSB type)



Vertical divider

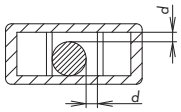


Vertical divider (fastening method)	Inner width W (mm)	A (mm)	B (mm)	P (mm)	C (mm)	W1 (mm)
ST (sliding installation)	50	5 to 43	3.75 to 41.75	10 to 115	7.5 to 112.5	11 to W−13 (1 mm increments)
	75					
	100					
	125					

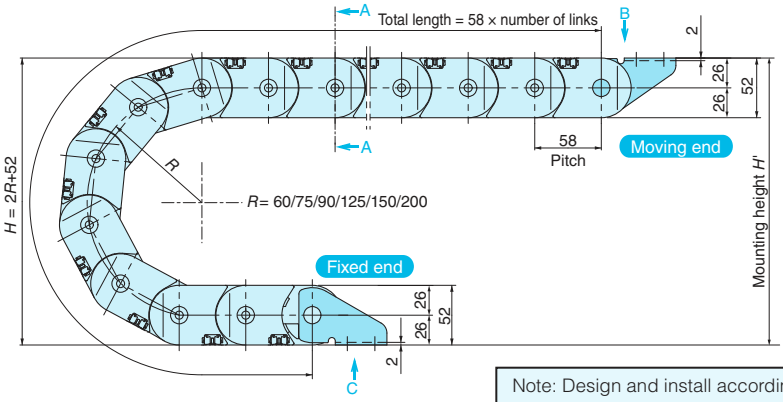
Notes:

A : **Distance from center of vertical divider to end face of link**
B : **Gap between vertical divider and link**
P : **Distance between the centers of neighboring vertical dividers**
C : **Gap between neighboring vertical dividers**

Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.



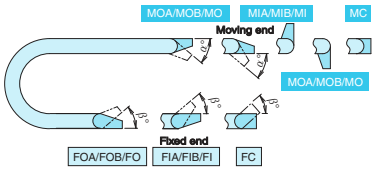
Dimension drawings



Note: Design and install according to the mounting height *H'* dimension.

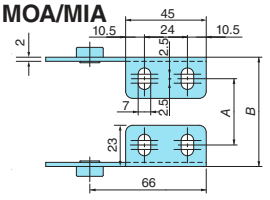
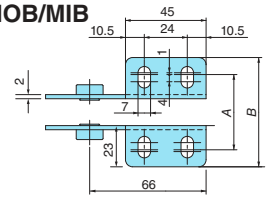
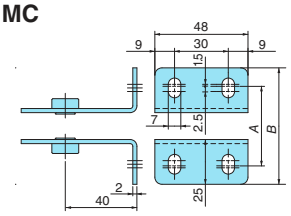
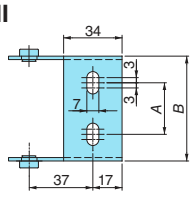
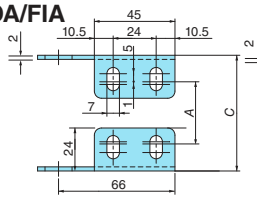
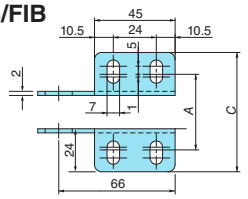
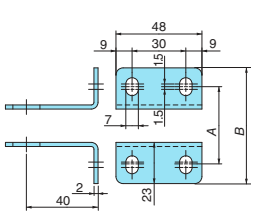
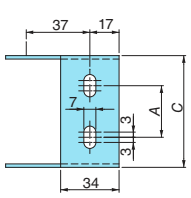
Bending radius *R* (mm)	Mounting height *H'* (mm)
60	182 to 202
75	212 to 232
90	242 to 262
125	312 to 332
150	362 to 382
200	462 to 482

Note: The steel bracket can be installed in a variety of directions.



Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
Common for all *R*	0	67

Steel bracket variants and dimensions

	Connection surface inside	Connection surface outside	Flange mounting	Single-part steel bracket
Moving end bracket B arrow view	**MOA/MIA**  Note: Parts differ for MOB/MIB.	**MOB/MIB**  Note: Parts differ for MOA/MIA.	**MC** 	**MO/MI** 
Fixed end bracket C arrow view	**FOA/FIA**  Note: FOB/FIB are common parts.	**FOB/FIB**  Note: FOA/FIA are common parts.	**FC** 	**FO/FI** 

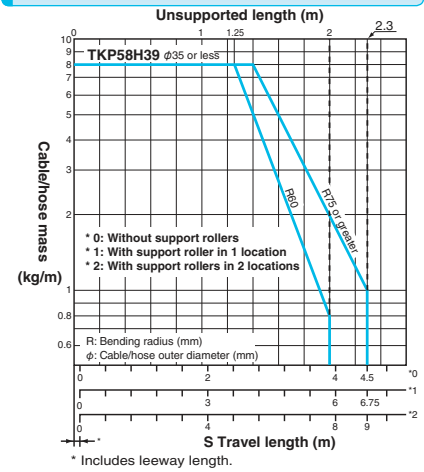
Inner width W (mm)	A (mm)	B (mm)	C (mm)	A (mm)	B (mm)	C (mm)	A (mm)	B (mm)	A (mm)	B (mm)	C (mm)
50	37	61	67	83	103	110	87	108	30	61	66
75	62	86	92	108	128	135	112	133	55	86	91
100	87	111	117	133	153	160	137	158	80	111	116
125	112	136	142	158	178	185	162	183	105	136	141

Basic specifications

Maximum travel speed (m/min)			300 ★1
Operating temperature range (°C)			-40 to 80
Materials		Link	Engineering plastic (black)
		Bracket	Steel (Trivalent chromate plating)
		Vertical divider	Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			20

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

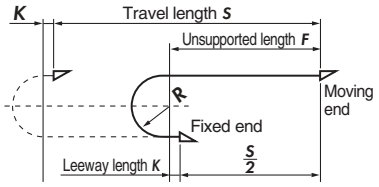


Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 58 mm
K: Leeway length = 58 mm or greater

Model number

TKP58H39 - (1) W (2) R (3) + (4) L - (5) - (6)

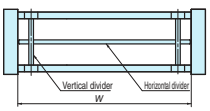
(1) Opening options		(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30	Outside openable stay	50	60		FOA	MOA
40	Inside openable stay	75	75		FIA	MIA
		100	90		FOB	MOB
		125	125		FIB	MIB
			150		FC	MC
			200		FO	MO
					FI	MI

Notes: 1. Steel brackets (excluding single-part steel brackets) and vertical dividers are common parts regardless of the inner width.
2. Install dividers every 2 links.
3. Steel brackets and dividers are delivered uninstalled.
4. Refer to page 131 for model number for the gliding arrangement.
5. When ordering a circular travel arrangement, the made-to-order content will depend on the operating conditions. Contact a Tsubaki representative for further information.

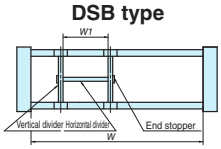
■ Divider

Type	Model number	Part	Unit
(1) Vertical divider	TKP58H39-ST	1 vertical divider	K (pcs)
(2) Horizontal divider (For DSA type)	TKP58H39-HS (Dimension W) W = 50/75/100/125	1 horizontal divider	K (pcs)
(3) Horizontal divider with end stoppers (For DSB type)	TKP58H39-EHS (Dimension W1) W1 = 11 to (W-13): 1 mm increments	1 horizontal divider 2 end stoppers	K (pcs)

DSA type



DSB type



■ Vertical divider

Model number	For cable carrier model number
TKP58H39-ST	TKP58H39-30/40W■■R■■

■ Horizontal divider

Model number	For cable carrier model number
TKP58H39-HS50	TKP58H39-30/40W50R■■
TKP58H39-HS75	TKP58H39-30/40W75R■■
TKP58H39-HS100	TKP58H39-30/40W100R■■
TKP58H39-HS125	TKP58H39-30/40W125R■■

■ Horizontal divider with end stoppers

Model number
TKP58H39-EHS□□

□□: Integer between 11 and 112

■ Split steel bracket

Model number	For cable carrier model number
TKP58H39-MOA	TKP58H39-30/40W■■R■■
TKP58H39-MIA	
TKP58H39-MOB	
TKP58H39-MIB	
TKP58H39-MC	
TKP58H39-FOA	TKP58H39-30/40W■■R■■
TKP58H39-FIA	
TKP58H39-FOB	
TKP58H39-FIB	
TKP58H39-FC	

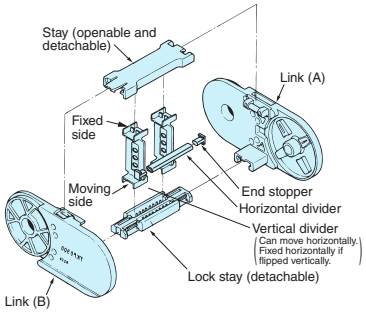
■ Single-part steel bracket

Model number	For cable carrier model number
TKP58H39W50-MO	TKP58H39-30/40W50R■■
TKP58H39W50-MI	
TKP58H39W50-FO	
TKP58H39W50-FI	
TKP58H39W75-MO	TKP58H39-30/40W75R■■
TKP58H39W75-MI	
TKP58H39W75-FO	
TKP58H39W75-FI	
TKP58H39W100-MO	TKP58H39-30/40W100R■■
TKP58H39W100-MI	
TKP58H39W100-FO	
TKP58H39W100-FI	
TKP58H39W125-MO	TKP58H39-30/40W125R■■
TKP58H39W125-MI	
TKP58H39W125-FO	
TKP58H39W125-FI	

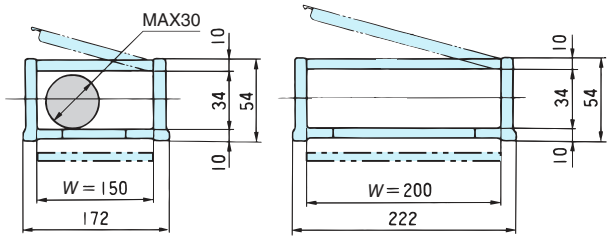
See page 15 for ordering information
See page 143 for product mass

TKP62H34

Structure



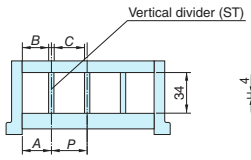
Cross-section dimensions



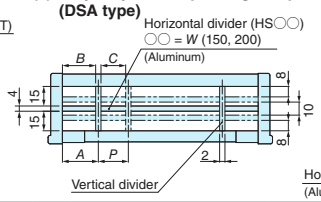
A–A arrow view

Divider dimensions

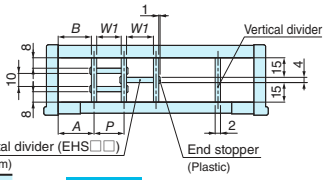
(1) When using only vertical dividers



(2) Fully-stayed multiple height separation (DSA type)



(3) Partial multiple height separation (DSB type)



Vertical divider (fastening method)

Note: For the sliding installation, position the protrusion on the stay side. For the fixable installation, position the protrusion on the lock stay side.

Protrusion

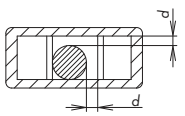
Vertical divider (fastening method)	Inner width W (mm)	A (mm)	B (mm)	P (mm)	C (mm)	W1 (mm)
ST (sliding installation)	Common for all widths	27.5 to 42.5	26.5 to 41.5	15 to 135	13 to 133	13 to 133 (adjustable in 1 mm increments)
ST (fixable installation)	150	27.5 to 42.5 (5 mm increments)	26.5 to 41.5 (5 mm increments)	15 to 95 (5 mm increments)	13 to 93 (5 mm increments)	13 to 93 (5 mm increments)
	200	27.5 to 42.5 (5 mm increments)	26.5 to 41.5 (5 mm increments)	15 to 145 (5 mm increments)	13 to 143 (5 mm increments)	13 to 133 (5 mm increments)

Notes: 1. The maximum values for gaps *A* and *P* are applied when using horizontal dividers.
2. The divider can slide between *W*–55. The fastening pitch of fixable dividers is 5 mm increments. However, the pitch of neighboring dividers is 15 mm or greater.

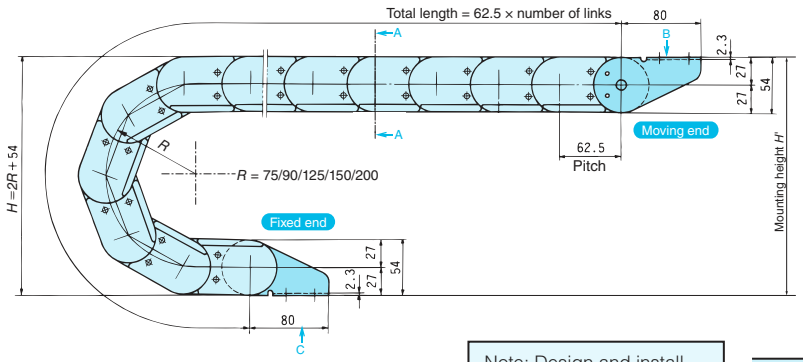
Notes:

A : **Distance from center of vertical divider to end face of link**
B : **Gap between vertical divider and link**
P : **Distance between the centers of neighboring vertical dividers**
C : **Gap between neighboring vertical dividers**

Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.

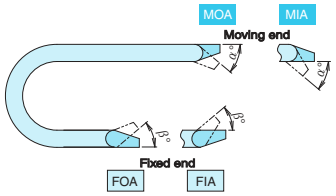


Dimension drawings



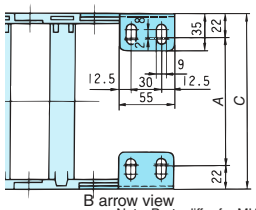
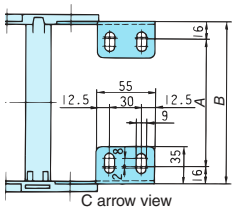
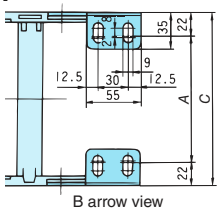
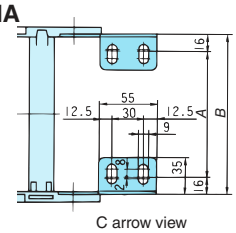
Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
75	214 to 234
90	244 to 264
125	314 to 334
150	364 to 384
200	464 to 484



Bending radius *R* (mm)	Bending angle (°)		
	MOA Moving end side (α)	MIA Moving end side (α)	Fixed end side (β)
75	56	39	FOA: 64 FIA: 38
90	47	39	
125	35	35	
150	30	30	
200	24	24	

Steel bracket variants and dimensions

	Outside mounting		Inside mounting	
	Moving end bracket	Fixed end bracket	Moving end bracket	Fixed end bracket
	MOA	**FOA**	**MIA**	**FIA**
	 B arrow view Note: Parts differ for MIA.	 C arrow view Note: FOA/FIA are common parts.	 B arrow view Note: Parts differ for MOA.	 C arrow view Note: FOA/FIA are common parts.

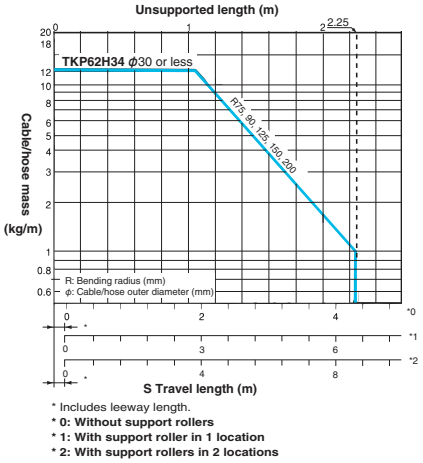
Inner width W (mm)	A (mm)	B (mm)	C (mm)	A (mm)	B (mm)	C (mm)
150	123	155	167	123	155	167
200	173	205	217	173	205	217

Basic specifications

Maximum travel speed (m/min)			300 ★1
Operating temperature range (°C)			-40 to 80
Materials		Link	Engineering plastic (black)
		Bracket	Steel (Trivalent chromate plating)
		Vertical divider	Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			60

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram



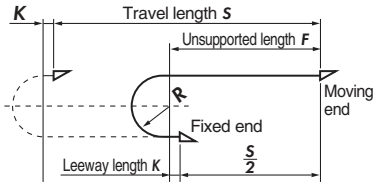
* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 62.5 mm
K: Leeway length = 63 mm or greater

Model number

TKP62H34W (1) R (2) + (3) L - (4) - (5)

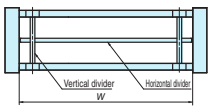
(1) Inner width	(2) Bending radius	(3) Number of links	(4) Fixed end	(5) Moving end
150	75		FOA	MOA
200	90		FIA	MIA
	125			
	150			
	200			

Notes: 1. Steel brackets and vertical dividers are common parts regardless of the inner width.
2. Install dividers every 2 links.
3. The moving end bracket is delivered installed. The fixed end bracket and dividers are delivered uninstalled.
4. Refer to page 131 for model number for the gliding arrangement.
5. When ordering a circular travel arrangement, the made-to-order content will depend on the operating conditions. Contact a Tsubaki representative for further information.

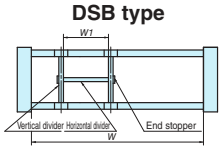
■ Divider

Type	Model number	Part	Unit
(1) Vertical divider	TKP62H34-ST	1 vertical divider	K (pcs)
(2) Horizontal divider (For DSA type)	TKP62H34-HS (Dimension *W*) *W* = 150/200	1 horizontal divider	K (pcs)
(3) Horizontal divider with end stoppers (For DSB type)	TKP62H34-EHS (Dimension *W*1) *W*1 = 13 to 133: 1 mm increments	1 horizontal divider 2 end stoppers	K (pcs)

DSA type



DSB type



■ Vertical divider

Model number	For cable carrier model number
TKP62H34-ST	TKP62H34W■■R■■

■ Horizontal divider

Model number	For cable carrier model number
TKP62H34-HS150	TKP62H34W150R■■
TKP62H34-HS200	TKP62H34W200R■■

■ Horizontal divider with end stoppers

Model number
TKP62H34-EHS□□

□□: Integer between 13 and 133

■ Steel bracket

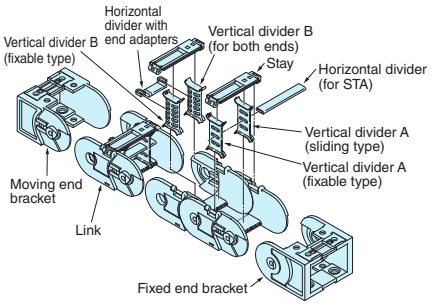
Model number	For cable carrier model number
TKP62H34-MOA	TKP62H34W■■R■■
TKP62H34-MIA	
TKP62H34-FOA	TKP62H34W■■R■■
TKP62H34-FIA	

See page 15 for ordering information
See page 144 for product mass

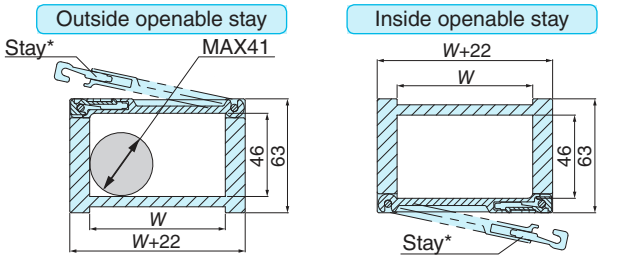
TKP68H46

(Patented)

Structure



Cross-section dimensions

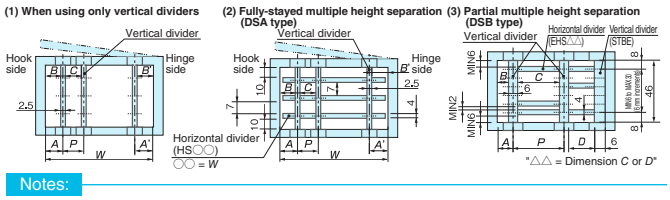


W = 75, 100, 125, 150, 175

A–A arrow view

* Change the orientation of the stay to change the direction that the stay opens.

Divider dimensions



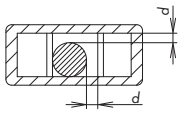
Vertical divider (fastening method)	Inner width W (mm)	A (mm)	A' (mm)	B (mm)	B' (mm)	P (mm)	C (mm)	D (mm)
STAS (sliding installation)	Common for all widths	7.25 to 47.25	5 to 47.25	6 to 46	3.75 to 46	10 to 54	7.5 to 51.5	
STAL (fixable installation)	75	9.5 to 44.5	7 mm increments	8.25 to 43.25	7 mm increments	14 to 42	11.5 to 39.5	7 mm increments
	100	11.5 to 46.5	Same as A	10.25 to 45.25	Same as B			
	125	10 to 45		8.75 to 43.75				
	150	12 to 47		10.75 to 45.75				
	175	10.5 to 45.5		9.25 to 44.25				
STBL (fixable installation)	75	min 9.5	7 mm increments	min 6.5	7 mm increments	28 to 56	22 to 50	7 mm increments
	100	min 11.5		min 8.5				21.5 to 49.5
	125	min 10		min 7				23.5 to 51.5
	150	min 12		min 9				22 to 50
	175	min 10.5		min 7.5				24 to 52
								22.5 to 50.5

Note: *A'* and *B'* are the hinge side.

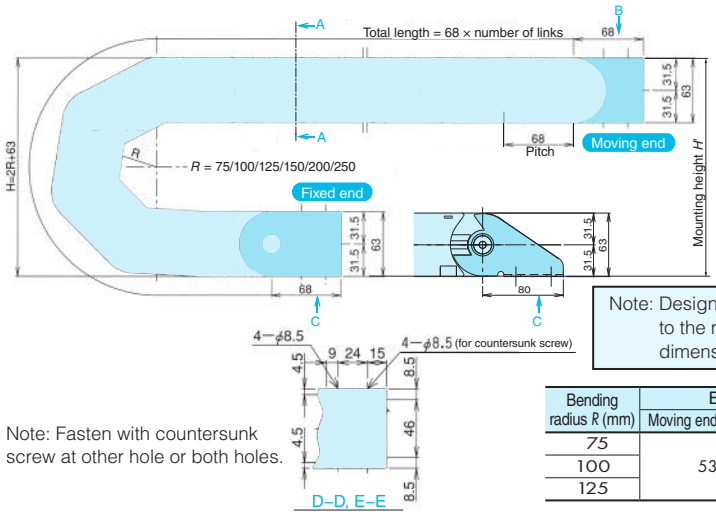
Notes:

A : **Distance from center of vertical divider to end face of link**
B : **Gap between vertical divider and link**
P : **Distance between the centers of neighboring vertical dividers**
C : **Gap between neighboring vertical dividers**
D : **Gap between neighboring vertical dividers when vertical dividers/dividers for both ends are installed**

Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.



Dimension drawings

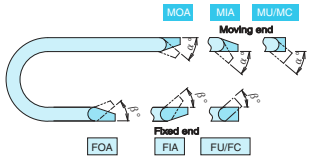


Note: Fasten with countersunk screw at other hole or both holes.

Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
75	223 to 243
100	273 to 293
125	323 to 343
150	373 to 393
200	473 to 493
250	573 to 593

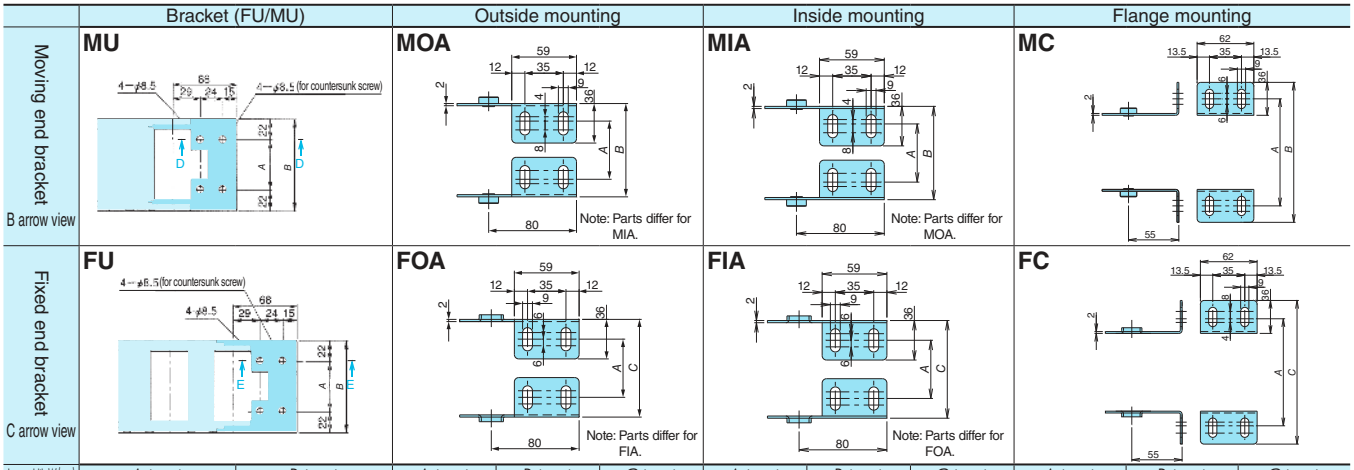
Note: The bracket (FU/MU) has mounting holes for two vertical directions.



Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (*α*)	Fixed end side (*β*)
75	53	53
100		39
125		31

Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (*α*)	Fixed end side (*β*)
150	53	26
200		19
250		15

Bracket variants and dimensions



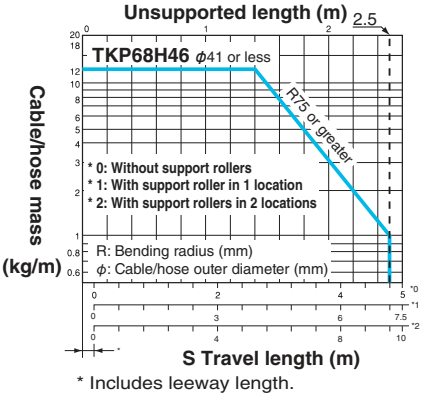
Inner width W (mm)	MU A (mm)	MU B (mm)	MOA A (mm)	MOA B (mm)	MOA C (mm)	MIA A (mm)	MIA B (mm)	MIA C (mm)	MC A (mm)	MC B (mm)	MC C (mm)
75	53	97	53	85	89	53	85	89	117	153	157
100	78	122	78	110	114	78	110	114	142	178	182
125	103	147	103	135	139	103	135	139	167	203	207
150	128	172	128	160	164	128	160	164	192	228	232
175	153	197	153	185	189	153	185	189	217	253	257

Basic specifications

Maximum travel speed (m/min)			300 ★1
Operating temperature range (°C)			-40 to 80
Materials		Link	Engineering plastic (black)
		Bracket (FU/MU)	Engineering plastic (black)
		Bracket	Steel (Trivalent chromate plating)
		Vertical divider	Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			50

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram



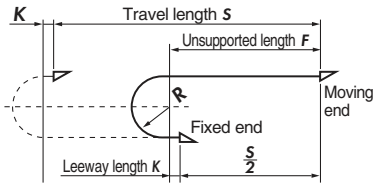
* Includes leeway length.

Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 68 mm
K: Leeway length = 68 mm or greater

Model number

TKP68H46 - (1) W (2) R (3) + (4) L - (5) - (6)

(1) Opening options		(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30	Outside openable stay	75	75		FU	MU
40	Inside openable stay	100	100		FOA	MOA
		125	125		FIA	MIA
		150	150		FC	MC
		175	200			
			250			

Notes: 1. Steel brackets (excluding FU and MU) and vertical dividers are common parts regardless of the inner width.
2. Install dividers every 2 links.
3. Stays, steel brackets, and dividers are delivered uninstalled. (For the FU and MU, these parts are delivered installed.)
4. Refer to page 131 for model number for the gliding arrangement.

■ Divider

Method	Type		Model number
DSA Type	Vertical divider	STAS sliding installation	TKP68H46-STAS
		STAL fixable installation	TKP68H46-STAL
	Horizontal divider		TKP68H46-HS (Dimension *W*) *W* = 75/100/125/150/175
DSB Type	Vertical divider	STBL fixable installation	TKP68H46-STBL
		STBE divider for both ends	TKP68H46-STBE
	Horizontal divider with end adapters		TKP68H46-EHS△△ △△ = Dimension *C* or *D* of divider dimensions

■ Vertical divider

Model number	For cable carrier model number
TKP68H46-STAS	TKP68H46-30/40W■■R■■
TKP68H46-STAL	
TKP68H46-STBL	
TKP68H46-STBE	

■ Horizontal divider

Model number	For cable carrier model number
TKP68H46-HS75	TKP68H46-30/40W75R■■
TKP68H46-HS100	TKP68H46-30/40W100R■■
TKP68H46-HS125	TKP68H46-30/40W125R■■
TKP68H46-HS150	TKP68H46-30/40W150R■■
TKP68H46-HS175	TKP68H46-30/40W175R■■

■ Bracket (FU/MU)

Model number	For cable carrier model number
TKP68H46W75-MU	TKP68H46-30/40W75R■■
TKP68H46W75-FU	
TKP68H46W100-MU	TKP68H46-30/40W100R■■
TKP68H46W100-FU	
TKP68H46W125-MU	TKP68H46-30/40W125R■■
TKP68H46W125-FU	
TKP68H46W150-MU	TKP68H46-30/40W150R■■
TKP68H46W150-FU	
TKP68H46W175-MU	TKP68H46-30/40W175R■■
TKP68H46W175-FU	

■ Horizontal divider with end adapters

Model number	For cable carrier model number
TKP68H46-EHS22	TKP68H46-30/40W■■R■■ (Common for all widths)
TKP68H46-EHS29	
TKP68H46-EHS36	
TKP68H46-EHS43	
TKP68H46-EHS50	
TKP68H46-EHS21.5	TKP68H46-30/40W75R■■
TKP68H46-EHS28.5	
TKP68H46-EHS35.5	
TKP68H46-EHS42.5	
TKP68H46-EHS49.5	
TKP68H46-EHS23.5	TKP68H46-30/40W100R■■
TKP68H46-EHS30.5	
TKP68H46-EHS37.5	
TKP68H46-EHS44.5	
TKP68H46-EHS51.5	
TKP68H46-EHS24	TKP68H46-30/40W150R■■
TKP68H46-EHS31	
TKP68H46-EHS38	
TKP68H46-EHS45	
TKP68H46-EHS52	
TKP68H46-EHS22.5	TKP68H46-30/40W175R■■
TKP68H46-EHS29.5	
TKP68H46-EHS36.5	
TKP68H46-EHS43.5	
TKP68H46-EHS50.5	

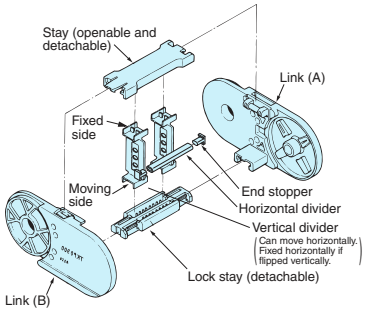
■ Steel bracket

Model number	For cable carrier model number
TKP68H46-MOA	TKP68H46-30/40W■■R■■
TKP68H46-MIA	
TKP68H46-MC	
TKP68H46-FOA	TKP68H46-30/40W■■R■■
TKP68H46-FIA	
TKP68H46-FC	

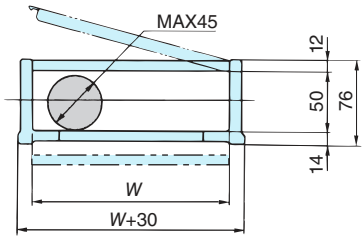
See page 15 for ordering information
See page 144 for product mass

TKP90H50

Structure



Cross-section dimensions

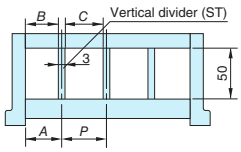


W = 100, 150, 200

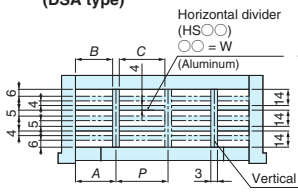
A–A arrow view

Divider dimensions

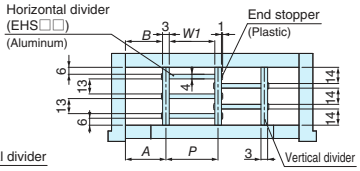
(1) When using only vertical dividers



(2) Fully-stayed multiple height separation (DSA type)



(3) Partial multiple height separation (DSB type)



Vertical divider (fastening method)

Note: For the sliding installation, position the protrusion on the stay side. For the fixable installation, position the protrusion on the lock stay side.

Protrusion

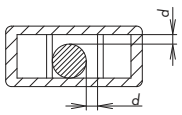
Vertical divider (fastening method)	Inner width W (mm)	A (mm)		B (mm)		P (mm)		C (mm)		W1 (mm)	
ST (sliding installation)	Common for all widths	35 to 40		33.5 to 38.5		20 to 115		17 to 112		17 to 112 (adjustable in 1 mm increments)	
ST (fixable installation)	100	35 to 40	in 5 mm increments	35.5 to 38.5	in 5 mm increments	20 to 30	in 5 mm increments	17 to 27	in 5 mm increments	17 to 27	in 5 mm increments
	150					20 to 80		17 to 77		17 to 77	
	200					20 to 112		17 to 112		17 to 112	

Notes: 1. The maximum values for gaps *A* and *P* are applied when using horizontal dividers.
2. The divider can slide between W-70. The fastening pitch of fixable dividers is 5 mm increments. However, the pitch of neighboring dividers is 20 mm or greater.

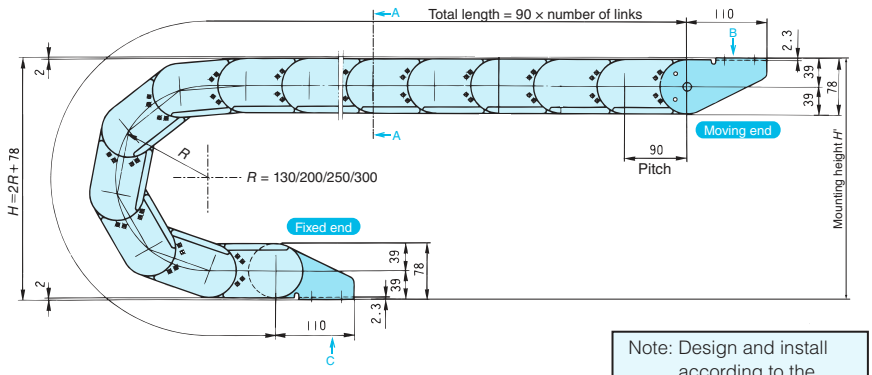
Notes:

A : **Distance from center of vertical divider to end face of link**
B : **Gap between vertical divider and link**
P : **Distance between the centers of neighboring vertical dividers**
C : **Gap between neighboring vertical dividers**

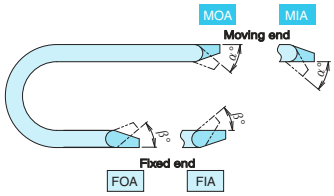
Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.



Dimension drawings



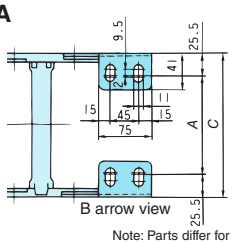
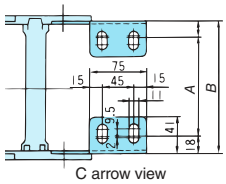
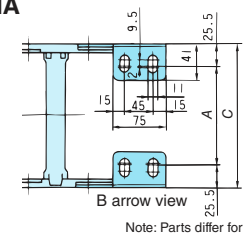
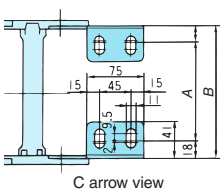
Bending radius R (mm)	Mounting height H' (mm)
130	348 to 368
200	488 to 508
250	588 to 608
300	688 to 708



Note: Design and install according to the mounting height *H'* dimension.

Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
130	37	47
200	23	
250	18	
300	14	

Steel bracket variants and dimensions

	Outside mounting		Inside mounting	
	Moving end bracket	Fixed end bracket	Moving end bracket	Fixed end bracket
	MOA	**FOA**	**MIA**	**FIA**
	 B arrow view	 C arrow view	 B arrow view	 C arrow view
	Note: Parts differ for MIA.	Note: Parts differ for FIA.	Note: Parts differ for MOA.	Note: Parts differ for FOA.

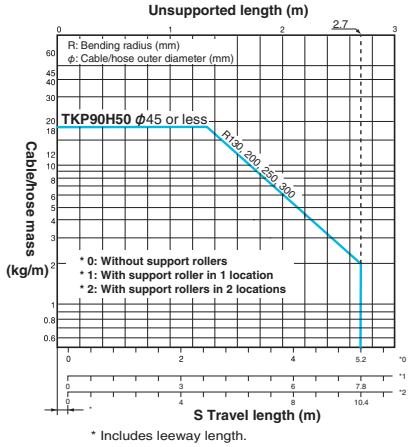
Inner width W (mm)	A (mm)	B (mm)	C (mm)	A (mm)	B (mm)	C (mm)
100	71	107	122	71	107	122
150	121	157	172	121	157	172
200	171	207	222	171	207	222

Basic specifications

Maximum travel speed (m/min)			300 ★1
Operating temperature range (°C)			-40 to 80
Materials		Link	Engineering plastic (black)
		Bracket	Steel (Trivalent chromate plating)
		Vertical divider	Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			40

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram

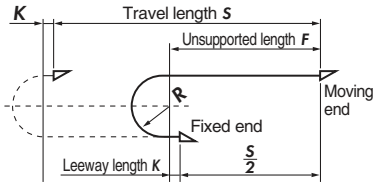


Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 90 mm
K: Leeway length = 90 mm or greater

Model number

TKP90H50W (1) R (2) + (3) L - (4) - (5)

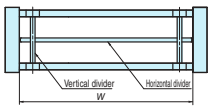
(1) Inner width	(2) Bending radius	(3) Number of links	(4) Fixed end	(5) Moving end
100	130		FOA	MOA
150	200		FIA	MIA
200	250			
	300			

Notes: 1. Steel brackets and vertical dividers are common parts regardless of the inner width.
2. Install dividers every 2 links.
3. The moving end bracket is delivered installed. The fixed end bracket and dividers are delivered uninstalled.
4. Refer to page 131 for model number for the gliding arrangement.
5. When ordering a circular travel arrangement, the made-to-order content will depend on the operating conditions. Contact a Tsubaki representative for further information.

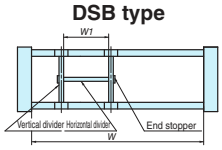
■ Divider

Type	Model number	Part	Unit
(1) Vertical divider	TKP90H50-ST	1 vertical divider	K (pcs)
(2) Horizontal divider (For DSA type)	TKP90H50-HS (Dimension W) W = 100/150/200	1 horizontal divider	K (pcs)
(3) Horizontal divider with end stoppers (For DSB type)	TKP90H50-EHS (Dimension W1) W1 = 17 to 112: 1 mm increments	1 horizontal divider 2 end stoppers	K (pcs)

DSA type



DSB type



■ Vertical divider

Model number	For cable carrier model number
TKP90H50-ST	TKP90H50W■■R■■

■ Horizontal divider

Model number	For cable carrier model number
TKP90H50-HS100	TKP90H50W100R■■
TKP90H50-HS150	TKP90H50W150R■■
TKP90H50-HS200	TKP90H50W200R■■

■ Horizontal divider with end stoppers

Model number
TKP90H50-EHS□□

□□: Integer between 17 and 112

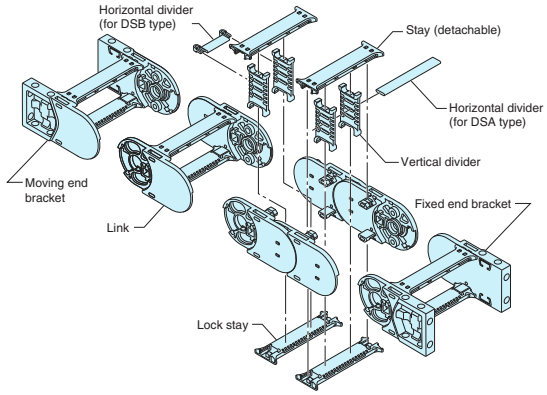
■ Steel bracket

Model number	For cable carrier model number
TKP90H50-MOA	TKP90H50W■■R■■
TKP90H50-MIA	
TKP90H50-FOA	TKP90H50W■■R■■
TKP90H50-FIA	

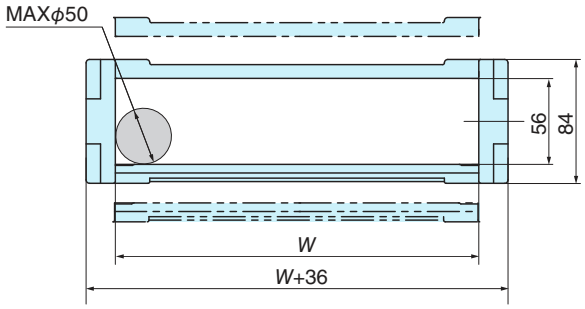
See page 15 for ordering information
See page 144 for product mass

TKP91H56 (Patented)

Structure



Cross-section dimensions

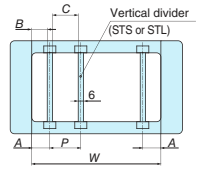


W = 150, 175, 200, 225, 250, 275, 300, 325, 350, 400, 450, 500

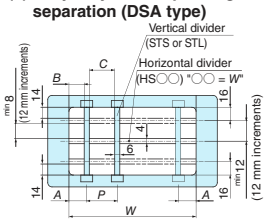
A–A arrow view

Divider dimensions

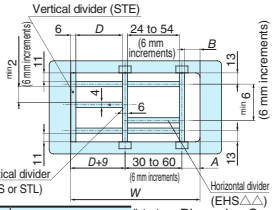
(1) When using only vertical dividers



(2) Fully-stayed multiple height separation (DSA type)

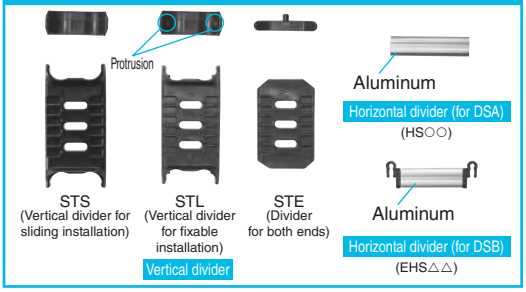


(3) Partial multiple height separation (DSB type)



"△△ = Dimension *C* or *D*"

Divider



Vertical divider (fastening method)	Inner width *W* (mm)	*A* (mm)	*B* (mm)	*P* (mm)	*C* (mm)	*D* (mm)
STS (sliding installation)	Common for all widths	20 to 40	17 to 37	14 to 100	8 to 94	
STL (fixable installation)	150	27, 33, 39	24, 30, 36	18 to 96 (6 mm increments)	12 to 90 (6 mm increments)	24 to 54
	175	33.5, 39.5	30.5, 36.5			24.5 to 54.5
	200	31, 37	28, 34			22 to 52
	225	31.5, 37.5	28.5, 34.5			22.5 to 52.5
	250	32, 38	29, 35			23 to 53
	275	32.5, 38.5	29.5, 35.5			23.5 to 53.5
	300	33, 39	30, 36			24 to 54
	325	33.5, 39.5	30.5, 36.5			24.5 to 54.5
	350	31, 37	28, 34			22 to 52
	400	32, 38	29, 35			23 to 53
	450	33, 39	30, 36			24 to 54
	500	31, 37	28, 34			22 to 52

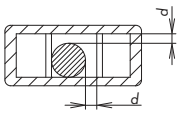
(6 mm increments)

Note: The maximum values for *A*, *B*, *P*, *C*, and *D* are applied when using horizontal dividers.

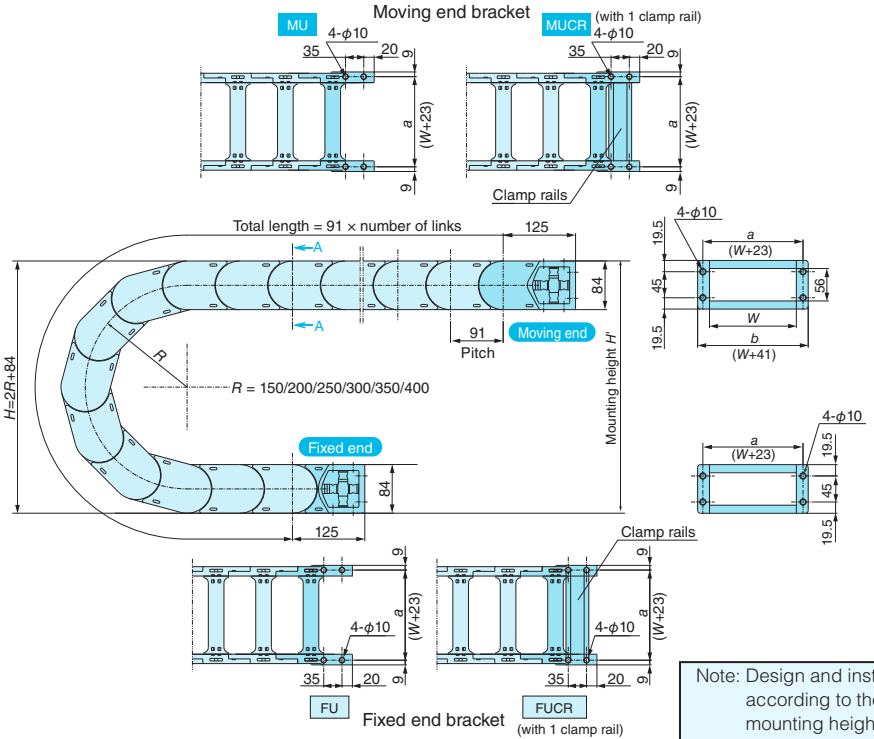
Notes:

A : **Distance from center of vertical divider to end face of link**
B : **Gap between vertical divider and link**
P : **Distance between the centers of neighboring vertical dividers**
C : **Gap between neighboring vertical dividers**
D : **Gap between neighboring vertical dividers when vertical dividers/ dividers for both ends are installed**

Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.

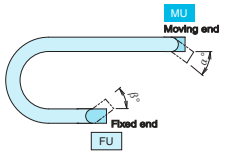


Dimensions & brackets



Bending radius *R* (mm)	Mounting height *H'* (mm)
150	394 to 414
200	494 to 514
250	594 to 614
300	694 to 714
350	794 to 814
400	894 to 914

W (mm)	*a* (mm)	*b* (mm)
150	173	191
175	198	216
200	223	241
225	248	266
250	273	291
275	298	316
300	323	341
325	348	366
350	373	391
400	423	441
450	473	491
500	523	541



Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
150	35	35
200	26	
250	20	
300	17	
350	15	
400	13	

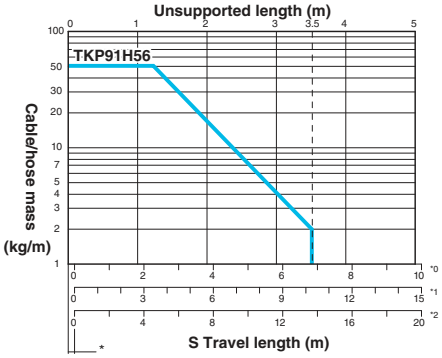
Note: Design and install according to the mounting height *H'* dimension.

Basic specifications

Maximum travel speed (m/min)			300 *1
Operating temperature range (°C)			-40 to 80
Materials	Link		Engineering plastic (black)
	Bracket		Engineering plastic (black) With steel bush
	Vertical divider		Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			R350 or less: 20 R400 : 10

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram



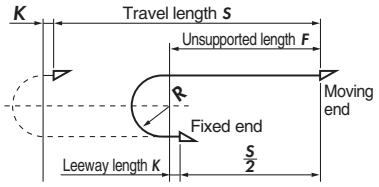
* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 91 mm
K: Leeway length = 91 mm or greater

Model number

TKP91H56W (1) R (2) + (3) L - (4) - (5)

(1) Inner width		(2) Bending radius	(3) Number of links	(4) Fixed end	(5) Moving end
150	300	150		FU	MU
175	325	200		FUCR	MUCR
200	350	250			
225	400	300			
250	450	350			
275	500	400			

Notes: 1. Dividers and clamp rails are delivered uninstalled.
2. Refer to page 131 for model number for the gliding arrangement.

■ Divider

Type	Model number
Vertical divider (sliding installation)	TKP91H56-STS
Vertical divider (fixable installation)	TKP91H56-STL
Vertical divider (for both ends)	TKP91H56-STE
Horizontal divider(for DSA type)	TKP91H56-HS○○
Horizontal divider (for DSB type)	TKP91H56-EHS△△

○○ = 150, 175, 200
△△ = Dimension *C* or *D* of divider dimensions.

■ Vertical divider

Model number	For cable carrier model number
TKP91H56-STS	TKP91H56W■■R■■
TKP91H56-STL	
TKP91H56-STE	

■ Horizontal divider

Model number	For cable carrier model number
TKP91H56-HS150	TKP91H56W150R■■
TKP91H56-HS175	TKP91H56W175R■■
TKP91H56-HS200	TKP91H56W200R■■

■ Horizontal divider with end adapters

Model number	For cable carrier model number
TKP91H56-EHS24	TKP91H56W■■R■■ (Common for all widths)
TKP91H56-EHS30	
TKP91H56-EHS36	
TKP91H56-EHS42	
TKP91H56-EHS48	
TKP91H56-EHS54	
TKP91H56-EHS24.5	TKP91H56W■■R■■ (* For *W* = 175,325)
TKP91H56-EHS30.5	
TKP91H56-EHS36.5	
TKP91H56-EHS42.5	
TKP91H56-EHS48.5	
TKP91H56-EHS54.5	
TKP91H56-EHS22	TKP91H56W■■R■■ (* For *W* = 200,350,500)
TKP91H56-EHS28	
TKP91H56-EHS34	
TKP91H56-EHS40	
TKP91H56-EHS46	
TKP91H56-EHS52	

■ Horizontal divider with end adapters

Model number	For cable carrier model number
TKP91H56-EHS22.5	TKP91H56W■■R■■ (* For *W* = 225)
TKP91H56-EHS28.5	
TKP91H56-EHS34.5	
TKP91H56-EHS40.5	
TKP91H56-EHS46.5	
TKP91H56-EHS52.5	
TKP91H56-EHS23	TKP91H56W■■R■■ (* For *W* = 250,400)
TKP91H56-EHS29	
TKP91H56-EHS35	
TKP91H56-EHS41	
TKP91H56-EHS47	
TKP91H56-EHS53	
TKP91H56-EHS23.5	TKP91H56W■■R■■ (* For *W* = 275)
TKP91H56-EHS29.5	
TKP91H56-EHS35.5	
TKP91H56-EHS41.5	
TKP91H56-EHS47.5	
TKP91H56-EHS53.5	

* When used on vertical divider for both ends (STE).

■ Bracket

Model number	For cable carrier model number
TKP91H56W150-MU	TKP91H56W150R■■
TKP91H56W150-FU	
TKP91H56W150-MUCR	
TKP91H56W150-FUCR	
TKP91H56W175-MU	TKP91H56W175R■■
TKP91H56W175-FU	
TKP91H56W175-MUCR	
TKP91H56W175-FUCR	
TKP91H56W200-MU	TKP91H56W200R■■
TKP91H56W200-FU	
TKP91H56W200-MUCR	
TKP91H56W200-FUCR	
TKP91H56W225-MU	TKP91H56W225R■■
TKP91H56W225-FU	
TKP91H56W225-MUCR	
TKP91H56W225-FUCR	

■ Bracket

Model number	For cable carrier model number
TKP91H56W250-MU	TKP91H56W250R■■
TKP91H56W250-FU	
TKP91H56W250-MUCR	
TKP91H56W250-FUCR	
TKP91H56W275-MU	TKP91H56W275R■■
TKP91H56W275-FU	
TKP91H56W275-MUCR	
TKP91H56W275-FUCR	
TKP91H56W300-MU	TKP91H56W300R■■
TKP91H56W300-FU	
TKP91H56W300-MUCR	
TKP91H56W300-FUCR	
TKP91H56W325-MU	TKP91H56W325R■■
TKP91H56W325-FU	
TKP91H56W325-MUCR	
TKP91H56W325-FUCR	

■ Bracket

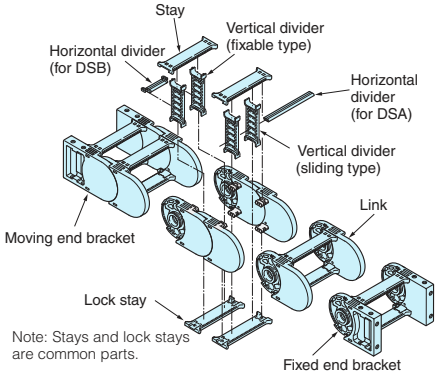
Model number	For cable carrier model number
TKP91H56W350-MU	TKP91H56W350R■■
TKP91H56W350-FU	
TKP91H56W350-MUCR	
TKP91H56W350-FUCR	
TKP91H56W400-MU	TKP91H56W400R■■
TKP91H56W400-FU	
TKP91H56W400-MUCR	
TKP91H56W400-FUCR	
TKP91H56W450-MU	TKP91H56W450R■■
TKP91H56W450-FU	
TKP91H56W450-MUCR	
TKP91H56W450-FUCR	
TKP91H56W500-MU	TKP91H56W500R■■
TKP91H56W500-FU	
TKP91H56W500-MUCR	
TKP91H56W500-FUCR	

See page 15 for ordering information
See page 144 for product mass

TKP91H80

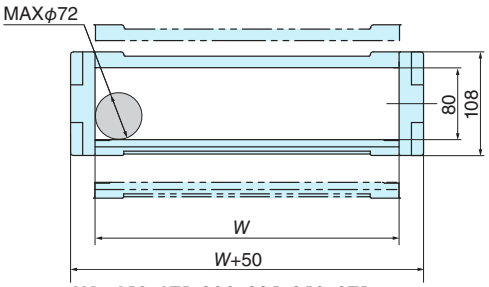
(Patented)

Structure



Note: Stays and lock stays are common parts.

Cross-section dimensions

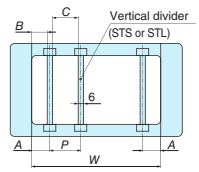


W = 150, 175, 200, 225, 250, 275, 300, 325, 350, 400, 450, 500

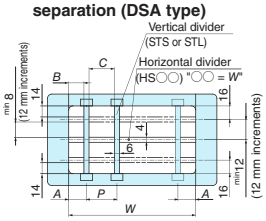
A–A arrow view

Divider dimensions

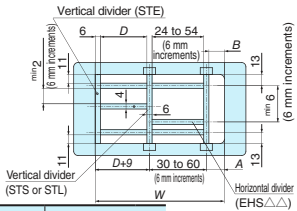
(1) When using only vertical dividers



(2) Fully-stayed multiple height separation (DSA type)



(3) Partial multiple height separation (DSB type)

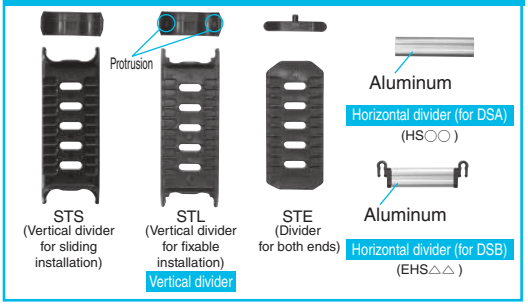


Vertical divider (fastening method)	Inner width W (mm)	A (mm)	B (mm)	P (mm)	C (mm)	D (mm)
STS (sliding installation)	Common for all widths	20 to 40	17 to 37	14 to 100	8 to 94	
STL (fixable installation)	150	27, 33, 39	24, 30, 36	18 to 96 (6 mm increments)	12 to 90 (6 mm increments)	24 to 54
	175	33.5, 39.5	30.5, 36.5			24.5 to 54.5
	200	31, 37	28, 34			22 to 52
	225	31.5, 37.5	28.5, 34.5			22.5 to 52.5
	250	32, 38	29, 35			23 to 53
	275	32.5, 38.5	29.5, 35.5			23.5 to 53.5
	300	33, 39	30, 36			24 to 54
	325	33.5, 39.5	30.5, 36.5			24.5 to 54.5
	350	31, 37	28, 34			22 to 52
	400	32, 38	29, 35			23 to 53
	450	33, 39	30, 36			24 to 54
	500	31, 37	28, 34			22 to 52

(6 mm increments) (9 mm increments)

Note: The maximum values for *A*, *B*, *P*, *C*, and *D* are applied when using horizontal dividers.

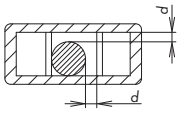
Divider



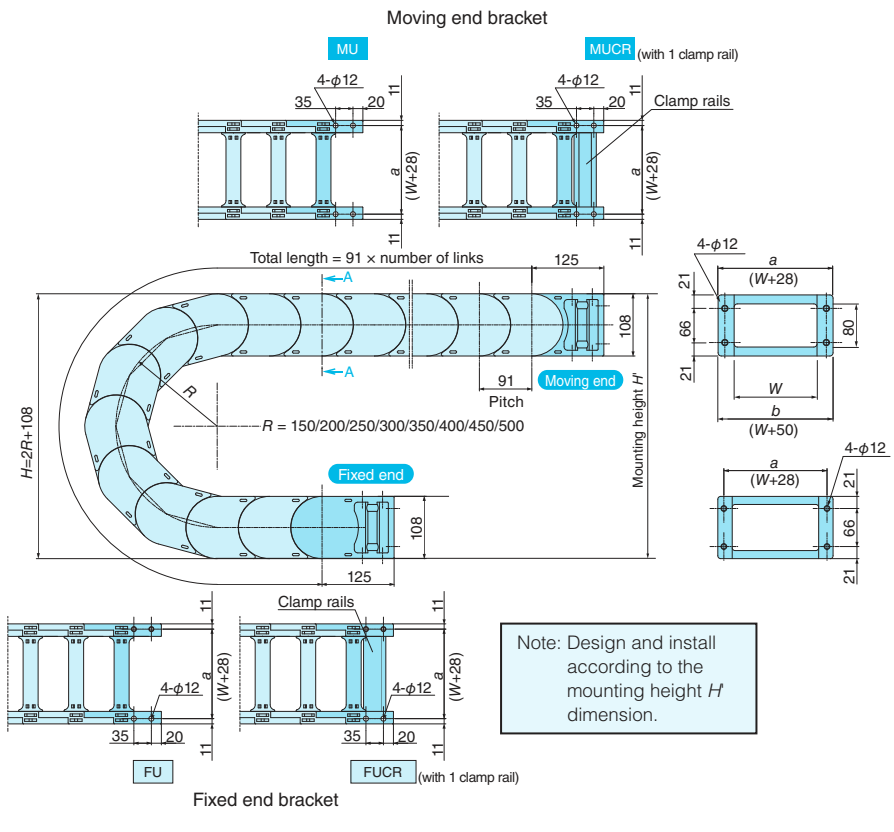
Notes:

- *A* : **Distance from center of vertical divider to end face of link**
- *B* : **Gap between vertical divider and link**
- *P* : **Distance between the centers of neighboring vertical dividers**
- *C* : **Gap between neighboring vertical dividers**
- *D* : **Gap between neighboring vertical dividers when vertical dividers/ dividers for both ends are installed**

Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.



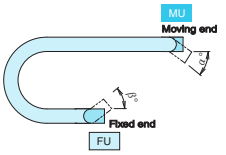
Dimensions & brackets



Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
150	418 to 438
200	518 to 538
250	618 to 638
300	718 to 738
350	818 to 838
400	918 to 938
450	1018 to 1038
500	1118 to 1138

W (mm)	*a* (mm)	*b* (mm)
150	178	200
175	203	225
200	228	250
225	253	275
250	278	300
275	303	325
300	328	350
325	353	375
350	378	400
400	428	450
450	478	500
500	528	550



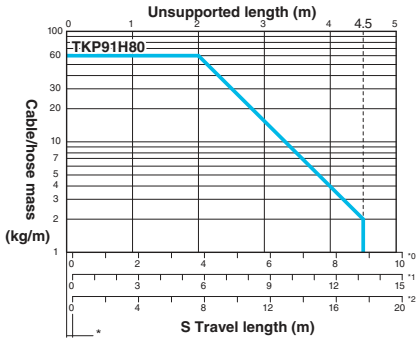
Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (*α*)	Fixed end side (*β*)
150	35	35
200	26	26
250	20	20
300	17	17
350	15	15
400	13	13
450	11	11
500	10	10

Basic specifications

Maximum travel speed (m/min)			300 ★1
Operating temperature range (°C)			-40 to 80
Materials		Link	Engineering plastic (black)
		Bracket	Engineering plastic (black) With steel bush
		Vertical divider	Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			R350 or less: 20 R400 to R500: 10

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram



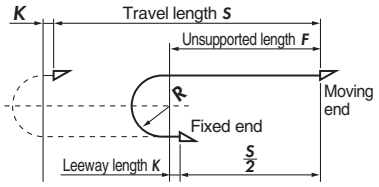
* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 91 mm
K: Leeway length = 91 mm or greater

Model number

TKP91H80W (1) R (2) + (3) L - (4) - (5)

(1) Inner width	
150	300
175	325
200	350
225	400
250	450
275	500

(2) Bending radius	
150	350
200	400
250	450
300	500

(3) Number of links

(4) Fixed end
FU
FUCR

(5) Moving end
MU
MUCR

Notes: 1. Dividers and clamp rails are delivered uninstalled.
2. Refer to page 131 for model number for the gliding arrangement.

■ Divider

Type	Model number
Vertical divider (sliding installation)	TKP91H80-STS
Vertical divider (fixable installation)	TKP91H80-STL
Vertical divider (for both ends)	TKP91H80-STE
Horizontal divider (for DSA type)	TKP91H80-HS○○
Horizontal divider (for DSB type)	TKP91H80-EHS△△

○○ = 150, 175, 200
△△ = Dimension *C* or *D* of divider dimensions.

■ Vertical divider

Model number	For cable carrier model number
TKP91H80-STS	TKP91H80W■■R■■
TKP91H80-STL	
TKP91H80-STE	

■ Horizontal divider

Model number	For cable carrier model number
TKP91H80-HS150	TKP91H80W150R■■
TKP91H80-HS175	TKP91H80W175R■■
TKP91H80-HS200	TKP91H80W200R■■

■ Horizontal divider with end adapters

Model number	For cable carrier model number
TKP91H80-EHS24	TKP91H80W■■R■■ (Common for all widths)
TKP91H80-EHS30	
TKP91H80-EHS36	
TKP91H80-EHS42	
TKP91H80-EHS48	
TKP91H80-EHS54	
TKP91H80-EHS24.5	TKP91H80W■■R■■ (* For *W* = 175,325)
TKP91H80-EHS30.5	
TKP91H80-EHS36.5	
TKP91H80-EHS42.5	
TKP91H80-EHS48.5	
TKP91H80-EHS54.5	
TKP91H80-EHS22	TKP91H80W■■R■■ (* For *W* = 200,350,500)
TKP91H80-EHS28	
TKP91H80-EHS34	
TKP91H80-EHS40	
TKP91H80-EHS46	
TKP91H80-EHS52	

■ Horizontal divider with end adapters

Model number	For cable carrier model number
TKP91H80-EHS22.5	TKP91H80W■■R■■ (* For *W* = 225)
TKP91H80-EHS28.5	
TKP91H80-EHS34.5	
TKP91H80-EHS40.5	
TKP91H80-EHS46.5	
TKP91H80-EHS52.5	
TKP91H80-EHS23	TKP91H80W■■R■■ (* For *W* = 250,400)
TKP91H80-EHS29	
TKP91H80-EHS35	
TKP91H80-EHS41	
TKP91H80-EHS47	
TKP91H80-EHS53	
TKP91H80-EHS23.5	TKP91H80W■■R■■ (* For *W* = 275)
TKP91H80-EHS29.5	
TKP91H80-EHS35.5	
TKP91H80-EHS41.5	
TKP91H80-EHS47.5	
TKP91H80-EHS53.5	

* When used on vertical divider for both ends (STE).

■ Bracket

Model number	For cable carrier model number
TKP91H80W150-MU	TKP91H80W150R■■
TKP91H80W150-FU	
TKP91H80W150-MUCR	
TKP91H80W150-FUCR	
TKP91H80W175-MU	TKP91H80W175R■■
TKP91H80W175-FU	
TKP91H80W175-MUCR	
TKP91H80W175-FUCR	
TKP91H80W200-MU	TKP91H80W200R■■
TKP91H80W200-FU	
TKP91H80W200-MUCR	
TKP91H80W200-FUCR	
TKP91H80W225-MU	TKP91H80W225R■■
TKP91H80W225-FU	
TKP91H80W225-MUCR	
TKP91H80W225-FUCR	

■ Bracket

Model number	For cable carrier model number
TKP91H80W250-MU	TKP91H80W250R■■
TKP91H80W250-FU	
TKP91H80W250-MUCR	
TKP91H80W250-FUCR	
TKP91H80W275-MU	TKP91H80W275R■■
TKP91H80W275-FU	
TKP91H80W275-MUCR	
TKP91H80W275-FUCR	
TKP91H80W300-MU	TKP91H80W300R■■
TKP91H80W300-FU	
TKP91H80W300-MUCR	
TKP91H80W300-FUCR	
TKP91H80W325-MU	TKP91H80W325R■■
TKP91H80W325-FU	
TKP91H80W325-MUCR	
TKP91H80W325-FUCR	

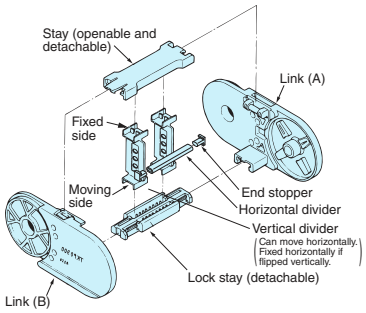
■ Bracket

Model number	For cable carrier model number
TKP91H80W350-MU	TKP91H80W350R■■
TKP91H80W350-FU	
TKP91H80W350-MUCR	
TKP91H80W350-FUCR	
TKP91H80W400-MU	TKP91H80W400R■■
TKP91H80W400-FU	
TKP91H80W400-MUCR	
TKP91H80W400-FUCR	
TKP91H80W450-MU	TKP91H80W450R■■
TKP91H80W450-FU	
TKP91H80W450-MUCR	
TKP91H80W450-FUCR	
TKP91H80W500-MU	TKP91H80W500R■■
TKP91H80W500-FU	
TKP91H80W500-MUCR	
TKP91H80W500-FUCR	

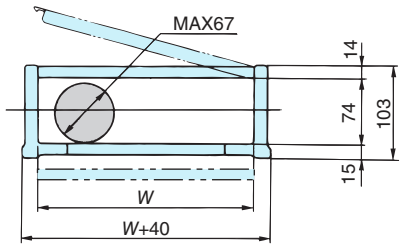
See page 15 for ordering information
See page 145 for product mass

TKP125H74

Structure



Cross-section dimensions

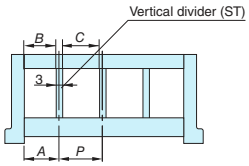


W = 150, 250, 350

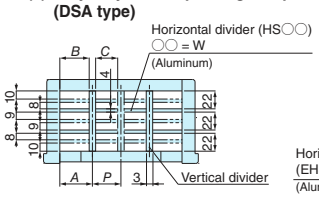
A–A arrow view

Divider dimensions

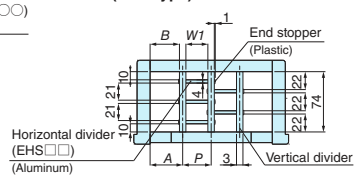
(1) When using only vertical dividers



(2) Fully-stayed multiple height separation (DSA type)



(3) Partial multiple height separation (DSB type)



Vertical divider (fastening method)

Note: For the sliding installation, position the protrusion on the stay side. For the fixable installation, position the protrusion on the lock stay side.

Protrusion

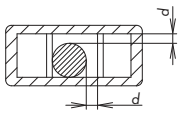
Vertical divider (fastening method)	Inner width W (mm)	A (mm)		B (mm)		P (mm)		C (mm)		W1 (mm)	
ST (sliding installation)	Common for all widths	40		38.5		25 to 100		22 to 97		22 to 97	1 mm increments
ST (fixable installation)	150	40	5 mm increments	38.5	5 mm increments	25 to 70	5 mm increments	22 to 67	5 mm increments	22 to 67	5 mm increments
	250					25 to 100		22 to 97		22 to 97	
	350					25 to 100		22 to 97		22 to 97	

Note: The maximum values for gaps *A* and *P* are applied when using horizontal dividers.

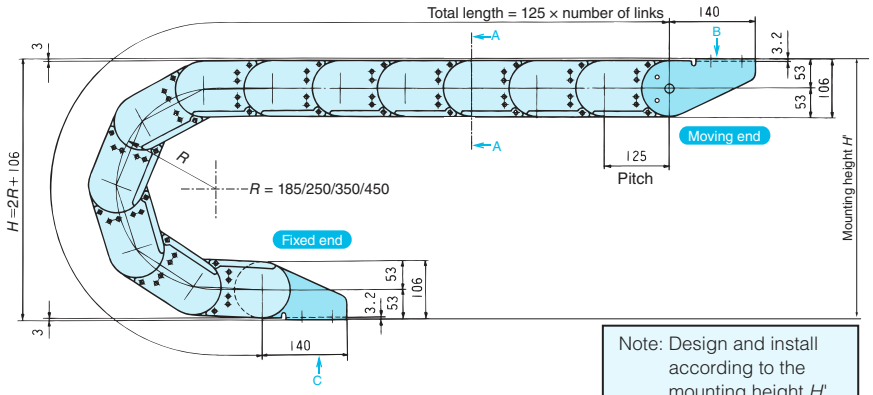
Notes:

- ***A*** **: Distance from center of vertical divider to end face of link**
- ***B*** **: Gap between vertical divider and link**
- ***P*** **: Distance between the centers of neighboring vertical dividers**
- ***C*** **: Gap between neighboring vertical dividers**

Note: Make the gap between cables/hoses and the divider or link (*d* in the figure to right) to whichever of the following two values is larger: 2 mm or greater or the outer diameter of the cable or hose x 0.1.

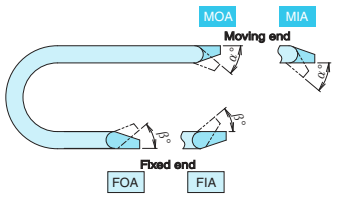


Dimension drawings



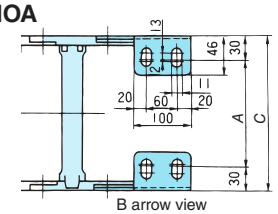
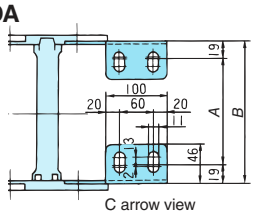
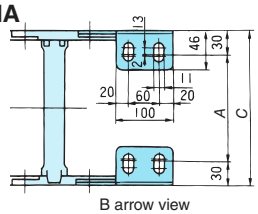
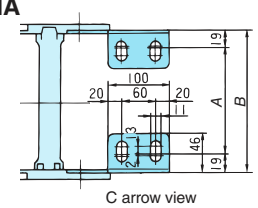
Note: Design and install according to the mounting height *H'* dimension.

Bending radius *R* (mm)	Mounting height *H'* (mm)
185	486 to 506
250	616 to 636
350	816 to 836
450	1016 to 1036



Bending radius *R* (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
185	27	38
250	16	
350	8	
450	3	

Steel bracket variants and dimensions

	Outside mounting		Inside mounting	
	Moving end bracket	Fixed end bracket	Moving end bracket	Fixed end bracket
	MOA  B arrow view	**FOA**  C arrow view	**MIA**  B arrow view	**FIA**  C arrow view
	Note: Parts differ for MIA.	Note: Parts differ for FIA.	Note: Parts differ for MOA.	Note: Parts differ for FOA.

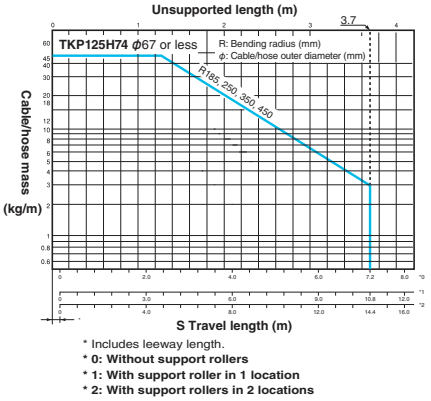
Inner width W (mm)	A (mm)	B (mm)	C (mm)	A (mm)	B (mm)	C (mm)
150	120	158	180	120	158	180
250	220	258	280	220	258	280
350	320	358	380	320	358	380

Basic specifications

Maximum travel speed (m/min)			300 ★1
Operating temperature range (°C)			-40 to 80
Materials		Link	Engineering plastic (black)
		Bracket	Steel (Trivalent chromate plating)
		Vertical divider	Engineering plastic (black)
	Horizontal divider	For DSA type (HS)	Aluminum
		For DSB type (EHS)	Engineering plastic (black) + aluminum
Standard length (No. of links)			R250 or less: 30 R350 or more: 18

Notes: ★1. 150 m/min for support roller arrangement.
2. Cannot be used in acidic or alkaline environments.

Load diagram



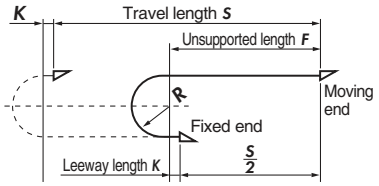
* Includes leeway length.
* 0: Without support rollers
* 1: With support roller in 1 location
* 2: With support rollers in 2 locations

Note: Use the gliding arrangement (page 127 to 130) if the maximum travel length is exceeded when two support rollers are installed.

Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 125 mm
K: Leeway length = 125 mm or greater

Model number

TKP125H74W (1) R (2) + (3) L - (4) - (5)

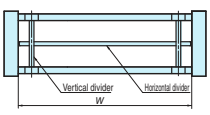
(1) Inner width	(2) Bending radius	(3) Number of links	(4) Fixed end	(5) Moving end
150	185		FOA	MOA
250	250		FIA	MIA
350	350			
	450			

Notes: 1. Steel brackets and vertical dividers are common parts regardless of the inner width.
2. Install dividers every 2 links.
3. The moving end bracket is delivered installed. The fixed end bracket and dividers are delivered uninstalled.
4. Refer to page 131 for model number for the gliding arrangement.
5. When ordering a circular travel arrangement, the made-to-order content will depend on the operating conditions. Contact a Tsubaki representative for further information.

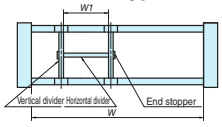
■ Divider

Type	Model number	Part	Unit
(1) Vertical divider	TKP125H74-ST	1 vertical divider	K (pcs)
(2) Horizontal divider (For DSA type)	TKP125H74-HS (Dimension W) W = 150/250	1 horizontal divider	K (pcs)
(3) Horizontal divider with end stoppers (For DSB type)	TKP125H74-EHS (Dimension W1) W1 = 22 to 97: 1 mm increments	1 horizontal divider 2 end stoppers	K (pcs)

DSA type



DSB type



■ Vertical divider

Model number	For cable carrier model number
TKP125H74-ST	TKP125H74W■■R■■

■ Horizontal divider

Model number	For cable carrier model number
TKP125H74-HS150	TKP125H74W150R■■
TKP125H74-HS250	TKP125H74W250R■■

■ Horizontal divider with end stoppers

Model number
TKP125H74-EHS□□

□□: Integer between 22 and 97

■ Steel bracket

Model number	For cable carrier model number
TKP125H74-MOA	TKP125H74W■■R■■
TKP125H74-MIA	
TKP125H74-FOA	TKP125H74W■■R■■
TKP125H74-FIA	

See page 15 for ordering information
See page 145 for product mass

TKP Series MW Type (Low Friction/Anti-Wear Series)

The TKP Series MW Type is a high-functionality cable carrier that offers better protection of cables and hoses while improving cleanliness by using special materials with high slidability.

Features

Better protection of cables and hoses and improved cleanliness

The TKP Series MW Type is effective in preventing jacket abrasion of cables and hoses.
Compared to the standard types, the MW Type reduces the amount of wear on cables and hoses from sliding with the cable carrier.
Cables and hoses are protected gently even in extreme operating conditions with high operating frequencies.

	MW Type	Standard type
Protection for cables/hoses	◎	○
Cleanliness	◎	○
Handling	◎	◎
Load (graph)	○	◎
Price	○	◎
Lead time	○	◎

◎: Superior ○: Normal

Lineup

Model	Inner height (mm)	Inner width (mm)	Bending radius (mm)	Pitch (mm)	Leeway length ★ (mm)	Cable/hose maximum outer diameter (mm)	Cable/hose maximum mass (kg/m)	Maximum unsupported length ★ (m)	Maximum travel length ★ (m)	Standard length (No. of links)
TKP13H10	10	10 20	18/28/37	13	26	8	0.4	0.55 (R18 = 0.42)	1.0 (R18 = 0.8)	77
TKP18H14	14	15 40	28/37/50	18	36	12	1	0.72 (R28 = 0.63)	1.4 (R28 = 1.2)	55
TKP25H15	15	15 20 30	28/37/50	25	38	13	1	0.72 (R28 = 0.63)	1.4 (R28 = 1.2)	40
TKP35H22	22	13 25 38 50 63	37/50/75/100	35	53	20 (W13 = 11)	2	R37/50 = 0.96 (R75 or more = 1.12)	2.2 (R37/R50 = 1.8)	25
TKP35H32	32	16	60/75 100/125	35	53	14	2	R60 = 0.88 R75/100/125 = 0.96	1.8 (R60 = 1.6)	25
TKP45H25	25	38 58 78 103	50/75/95 125/150 200	45	68	22	4.5	R50 = 1.12 R75/95 = 1.32 R125/150/200 = 1.40	R50 = 2.3 R75/95 = 2.5 R125/150/200 = 2.6	20

★: Be aware that this differs from the standard types.

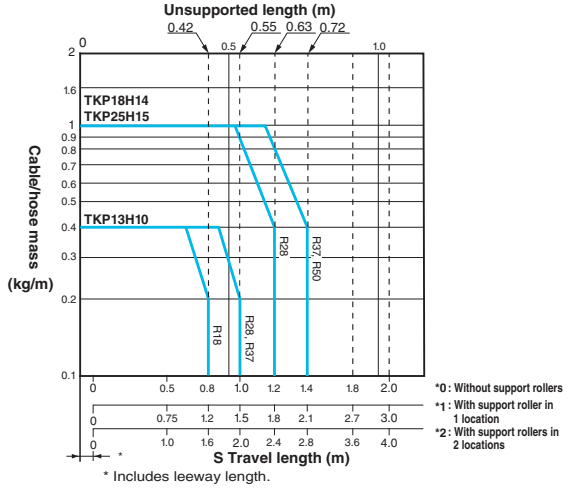
Basic specifications (common to each model)

Maximum travel speed (m/min)		300 ★12
Operating temperature range (°C)		−20 to 80
Materials	Link	Engineering plastic (gray)
	Bracket	Engineering plastic (gray) * Only TKP45H25 is steel (Trivalent chromate plating)

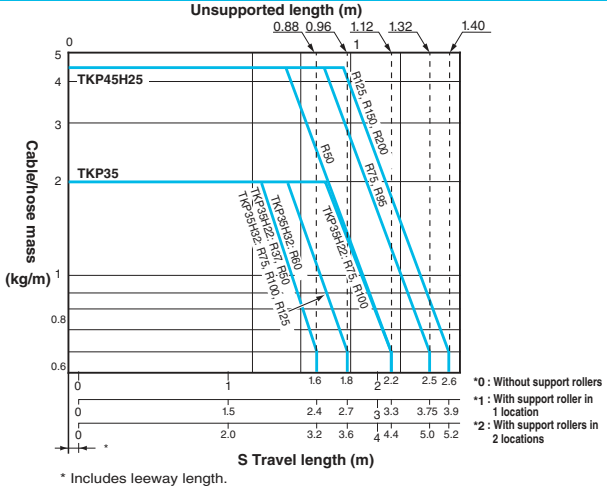
Notes:
1. The overall dimensions and structure are the same as the standard types. Refer to pages 35 to 50.
2. The leeway length for the MW Type differs from the standard types, so the number of required links will also differ. Refer to the leeway lengths in the table above.
3. If considering usage in a vertical installation, etc., with a travel length that exceeds the load diagram for the standard installation (*), contact a Tsubaki representative. (* Refer to page 123.)
4. Contact a Tsubaki representative for usage in a gliding arrangement or circular travel arrangement.
5. The TKP45H25 steel bracket is a common part with the steel standard bracket.
6. Be aware that the TKP45H25 single-part steel bracket cannot be used.
7. Be aware that TKP45H25 horizontal divider with end stoppers (DSB type) cannot be used.
8. Do not mix MW Type and standard type cable carriers. Install problems may occur, which can cause improper bending and links to fall off.
9. Do not use MW Type vertical and horizontal dividers on standard type cable carriers.
10. Aluminum horizontal dividers (TKP45H25-HS58, etc.) for standard type cable carriers have slightly different dimensions than aluminum horizontal dividers (TKP45H25M-HS58, etc.) for MW Type cable carriers.
    Be aware that standard type horizontal dividers may not be installed to MW Type chain links.
11. Cannot be used in acidic or alkaline environments.

★12. 150 m/min for support roller arrangement.

Load diagram



* Includes leeway length.



* Includes leeway length.

Model number

TKP13H10 MW Type

TKP13H10 - (1) W (2) R (3) M + (4) L - (5) - (6)

(1) Opening options	(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30 Outside openable stay	10	18		FO	MO
	20	28		FI	MI
		37			

■ Bracket

Model number	For cable carrier model number
TKP13H10W10M-MO	TKP13H10-30W10R■■M
TKP13H10W10M-MI	
TKP13H10W10M-FO	
TKP13H10W10M-FI	
TKP13H10W20M-MO	TKP13H10-30W20R■■M
TKP13H10W20M-MI	
TKP13H10W20M-FO	
TKP13H10W20M-FI	

TKP18H14 MW Type

TKP18H14 - (1) W (2) R (3) M + (4) L - (5) - (6)

(1) Opening options	(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30 Outside openable stay	15	28		FO	MO
	40	37		FI	MI
		50			

■ Bracket

Model number	For cable carrier model number
TKP18H14W15M-MO	TKP18H14-30W15R■■M
TKP18H14W15M-MI	
TKP18H14W15M-FO	
TKP18H14W15M-FI	
TKP18H14W40M-MO	TKP18H14-30W40R■■M
TKP18H14W40M-MI	
TKP18H14W40M-FO	
TKP18H14W40M-FI	

TKP25H15 MW Type

TKP25H15 - (1) W (2) R (3) M + (4) L - (5) - (6)

(1) Opening options	(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30 Outside openable stay	15	28		FO	MO
	20	37		FI	MI
	30	50			

■ Bracket

Model number	For cable carrier model number
TKP25H15W15M-MO	TKP25H15-30W15R■■M
TKP25H15W15M-MI	
TKP25H15W15M-FO	
TKP25H15W15M-FI	
TKP25H15W20M-MO	TKP25H15-30W20R■■M
TKP25H15W20M-MI	
TKP25H15W20M-FO	
TKP25H15W20M-FI	
TKP25H15W30M-MO	TKP25H15-30W30R■■M
TKP25H15W30M-MI	
TKP25H15W30M-FO	
TKP25H15W30M-FI	

TKP35H22/TKP35H32 MW Type

TKP35H22 - (1) W (2) R (3) M + (4) L - (5) - (6)

(1) Opening options	(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30 Outside openable stay	13 50	37 75		FO	MO
40 Inside openable stay	25 63	50 100		FI	MI
	38				

TKP35H32 - (1) W (2) R (3) M + (4) L - (5) - (6)

(1) Opening options	(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30 Outside openable stay	16	60 100		FO	MO
		75 125			MI

■ Bracket

Model number	For cable carrier model number
TKP35H22W13M-MO	TKP35H22-30/40W13R■■M
TKP35H22W13M-MI	
TKP35H22W13M-FO	
TKP35H22W13M-FI	
TKP35H22W25M-MO	TKP35H22-30/40W25R■■M
TKP35H22W25M-MI	
TKP35H22W25M-FO	
TKP35H22W25M-FI	
TKP35H22W38M-MO	TKP35H22-30/40W38R■■M
TKP35H22W38M-MI	
TKP35H22W38M-FO	
TKP35H22W38M-FI	
TKP35H22W50M-MO	TKP35H22-30/40W50R■■M
TKP35H22W50M-MI	
TKP35H22W50M-FO	
TKP35H22W50M-FI	
TKP35H22W63M-MO	TKP35H22-30/40W63R■■M
TKP35H22W63M-MI	
TKP35H22W63M-FO	
TKP35H22W63M-FI	
TKP35H32W16M-MO	TKP35H32-30W16R■■M
TKP35H32W16M-MI	
TKP35H32W16M-FO	

■ Vertical divider

Model number	For cable carrier model number
TKP35H22M-ST	TKP35H22-30/40W■■R■■M

■ Horizontal divider

Model number	For cable carrier model number
TKP35H22M-HS38	TKP35H22-30/40W38R■■M
TKP35H22M-HS50	TKP35H22-30/40W50R■■M
TKP35H22M-HS63	TKP35H22-30/40W63R■■M

TKP45H25 MW Type

TKP45H25 - (1) W (2) R (3) M + (4) L - (5) - (6)

(1) Opening options	(2) Inner width	(3) Bending radius	(4) Number of links	(5) Fixed end	(6) Moving end
30 Outside openable stay	38	50 125		FOA FIB	MOA MIB
40 Inside openable stay	58	75 150		FIA FC	MIA MC
	78	95 200		FOB	MOB
	103				

■ Steel bracket

Model number	For cable carrier model number
TKP45H25-MOA	TKP45H25-30/40W■■R■■M
TKP45H25-MIA	
TKP45H25-MOB	
TKP45H25-MIB	
TKP45H25-MC	
TKP45H25-FOA	TKP45H25-30/40W■■R■■M
TKP45H25-FIA	
TKP45H25-FOB	
TKP45H25-FIB	
TKP45H25-FC	

■ Vertical divider

Model number	For cable carrier model number
TKP45H25M-ST	TKP45H25-30/40W■■R■■M

■ Horizontal divider

Model number	For cable carrier model number
TKP45H25M-HS38	TKP45H25-30/40W38R■■M
TKP45H25M-HS58	TKP45H25-30/40W58R■■M
TKP45H25M-HS78	TKP45H25-30/40W78R■■M
TKP45H25M-HS103	TKP45H25-30/40W103R■■M

See page 15 for ordering information
See page 146 for product mass

Innovation in Motion

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