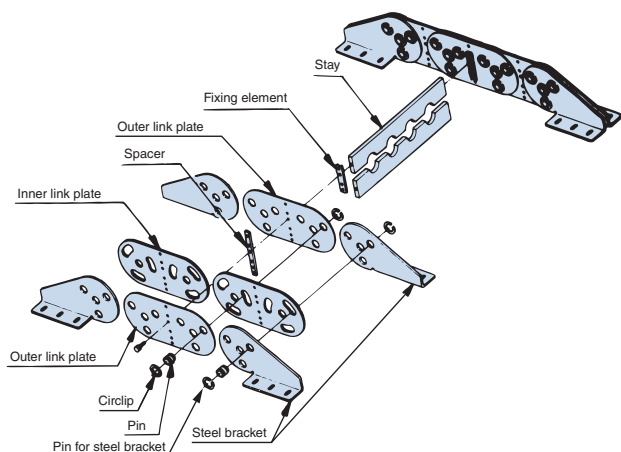
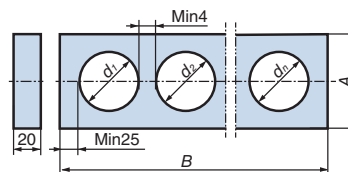


TKH250

Structure



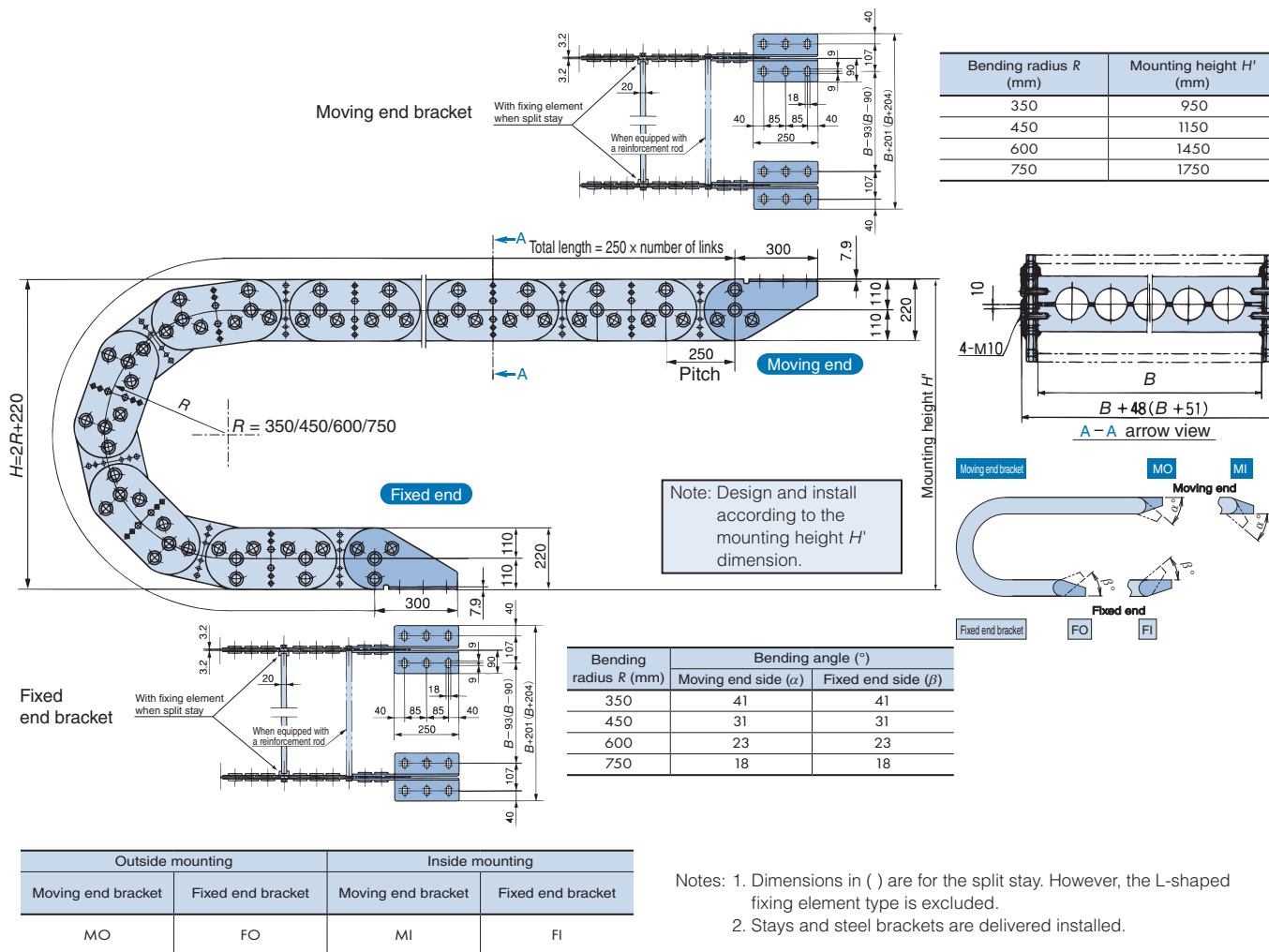
Stay dimensions



Bending radius R (mm)	Stay width B (mm)						Cable/hose maximum outer diameter d (mm)	Stay maximum bore diameter (mm)	Stay height A (mm)
350	○	○	○	○	○	○	φ60	φ66	90
450	○	○	○	○	○	○	φ80	φ88	110
600	-	○	○	○	○	○	φ110	φ121	150
750	-	-	○	○	○	○	Exceeds φ110	Contact a Tsubaki representative for further information.	

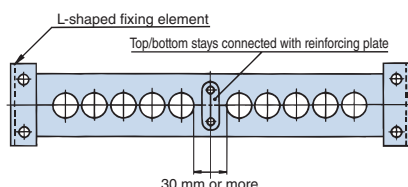
- Notes:
- The TKH Series is suited to low operating frequencies with long travel lengths, large cable/hose diameters, and/or heavy loads. The TKI and TKV Series are recommended for high operating frequencies.
 - In the following cases, install reinforcement bars alternately with stays.
 - When using support rollers
 - When stay height $A = 90$
 - When stay width $B < 350$
 - Reinforcement bars may be installed when the cable carrier is made to order.
 - Stay width $B > 600$ can also be used in certain cases. Contact a Tsubaki representative for further information.
 - The L-shaped fixing element type is used when stay width $B > 600$.

Dimension drawings/steel bracket dimensions



- Notes:
- Dimensions in () are for the split stay. However, the L-shaped fixing element type is excluded.
 - Stays and steel brackets are delivered installed.

Stay widths (TK Series/TKH Series)



- Notes:
- Stays can also be manufactured in widths (B dimension) greater than those listed in the stay dimensions table.
 - For supports with $B > 600$ mm, the stay is installed with L-shaped fixing elements and not tapped holes as a general rule. For split stays, the top and bottom stays are also connected with a reinforcing plate.
 - The B dimension can also be manufactured at sizes not listed in the table.
 - Select the A dimension from the standard stays.

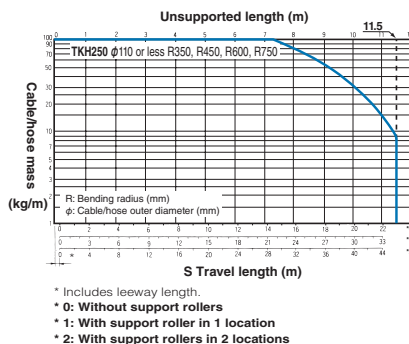
Basic specifications

Maximum travel speed (m/min)		60
Operating temperature range (°C)		-10 to 150
Materials	Chain	Steel (Trivalent chromate plating)
	Bracket	Steel (Trivalent chromate plating)
	Stay	Aluminum
Standard length (No. of links)		6

Note: About support rollers

First consider the cable carrier without support rollers. If conditions/specifications are not satisfied, add the support rollers.

Load diagram



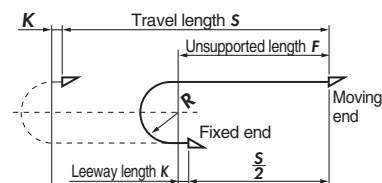
Calculating no. of links

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

Note: When fixed end is at the center of the travel length.

Always round up the value after calculating.

* The number of links must be an odd number.



S: Travel length (mm)
R: Bending radius (mm)
P: Pitch = 250 mm
K: Leeway length = 270 mm or greater

Model number

TKH250R (1) + (2)L - (3) - (4)	
(1) Bending radius	(2) Number of links
350	
450	
600	
750	
(3) Fixed end	(4) Moving end
FO	MO
FI	MI

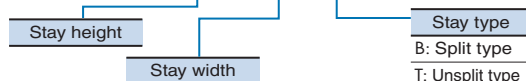
■ Steel bracket (including pin and circlip)

Model number	For cable carrier model number
TKH250-MO	TKH250R ■■
TKH250-MI	
TKH250-FO	
TKH250-FI	

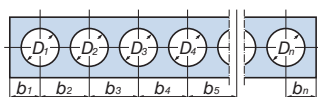
■ Stay (thickness 20 mm)

Example:

TKH250-SP110-450 B -TK



■ Bore dimensions



Example: Bore diameter (from left) 40/50/50/40
Distance between stay bores (from left) 45/90/90/80/45

Bore diameter	D ₁	D ₂	D ₃	D ₄	
	40	50	50	40	
Distance between stay bores	b ₁	b ₂	b ₃	b ₄	b ₅
	45	90	90	80	45

Note: "From left" means as viewed from the direction of the A-A arrow view in the dimensional drawing.

Model number	Stay height A	Stay width B	For cable carrier model number
TKH250-SP90-350T-TK	90	350	TKH250R ■■
TKH250-SP90-350B-TK			
TKH250-SP90-400T-TK		400	
TKH250-SP90-400B-TK			
TKH250-SP90-450T-TK		450	
TKH250-SP90-450B-TK			
TKH250-SP90-500T-TK		500	
TKH250-SP90-500B-TK			
TKH250-SP90-550T-TK	110	550	
TKH250-SP90-550B-TK			
TKH250-SP90-600T-TK		600	
TKH250-SP90-600B-TK			
TKH250-SP110-350T-TK		350	
TKH250-SP110-350B-TK			
TKH250-SP110-400T-TK		400	
TKH250-SP110-400B-TK			
TKH250-SP110-450T-TK		450	
TKH250-SP110-450B-TK			
TKH250-SP110-500T-TK	150	500	
TKH250-SP110-500B-TK			
TKH250-SP110-550T-TK		550	
TKH250-SP110-550B-TK			
TKH250-SP110-600T-TK		600	
TKH250-SP110-600B-TK			
TKH250-SP150-350T-TK	150	350	
TKH250-SP150-350B-TK			
TKH250-SP150-400T-TK		400	
TKH250-SP150-400B-TK			
TKH250-SP150-450T-TK		450	
TKH250-SP150-450B-TK			
TKH250-SP150-500T-TK		500	
TKH250-SP150-500B-TK			
TKH250-SP150-550T-TK		550	
TKH250-SP150-550B-TK			
TKH250-SP150-600T-TK		600	
TKH250-SP150-600B-TK			

See page 20 for ordering information

See page 150 for product mass



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