

# Serie Medium

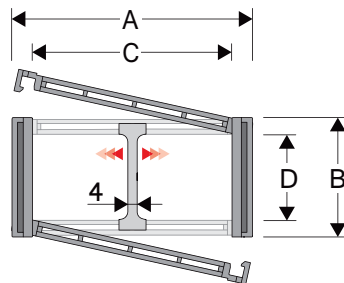
## 445MU

Replace 445MI/ME Series

### Nylon Cable Chain with opening frames

#### Inner height (D) 45 mm

Chain with side-bands and holding pin.  
Openable outside / inside radius  
mounted on all the links.  
Internal separation available  
and customizable.



#### Separator

- Unassembled	Part.no S445UF
- Assembled*	Part.no S445UFMCI
- Assembled**	Part.no S445UFMCE

#### Strong-hold separator

for C > 200 mm

- Unassembled	Part.no S445SH
- Assembled	Part.no S445SHMC

#### Pin

Part.no PG445
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\* for chain opening outer radius

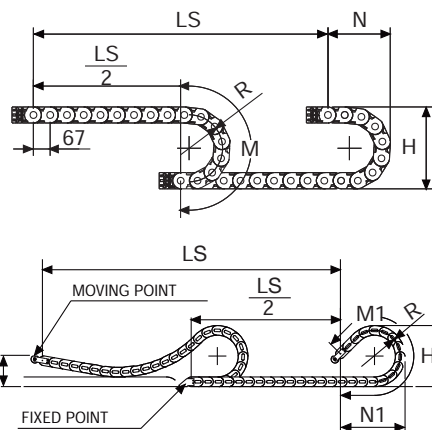
\*\* for chain opening inner radius

#### Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s <sup>2</sup>

For higher requirements please consult our technical dept.

For sliding applications, technical data can slightly change according to frequency, added weight and environment.



Length of chain (L)

Half travel distance ( $\frac{LS}{2}$ )

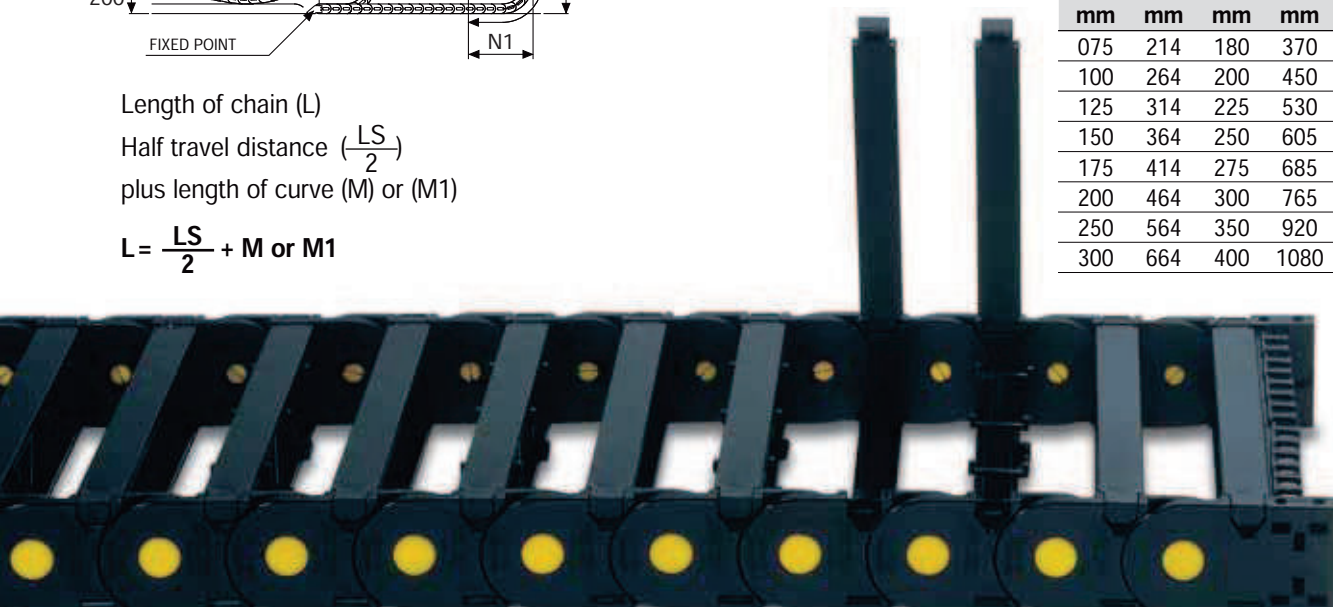
plus length of curve (M) or (M1)

$$L = \frac{LS}{2} + M \text{ or } M1$$

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
72	64	50	45	075-100-125-150-175-200-250-300	1,64	445MU050 □□□ *
83	64	61	45	075-100-125-150-175-200-250-300	1,64	445MU061 □□□ *
97	64	75	45	075-100-125-150-175-200-250-300	1,76	445MU075 □□□ *
103	64	81	45	075-100-125-150-175-200-250-300	1,79	445MU081 □□□ *
107	64	85	45	075-100-125-150-175-200-250-300	2,15	445MU085 □□□ *
117	64	95	45	075-100-125-150-175-200-250-300	1,86	445MU095 □□□ *
122	64	100	45	075-100-125-150-175-200-250-300	1,87	445MU100 □□□ *
129	64	107	45	075-100-125-150-175-200-250-300	1,90	445MU107 □□□ *
139	64	117	45	075-100-125-150-175-200-250-300	1,93	445MU117 □□□ *
147	64	125	45	075-100-125-150-175-200-250-300	2,01	445MU125 □□□ *
158	64	136	45	075-100-125-150-175-200-250-300	2,07	445MU136 □□□ *
172	64	150	45	075-100-125-150-175-200-250-300	2,13	445MU150 □□□ *
197	64	175	45	075-100-125-150-175-200-250-300	2,25	445MU175 □□□ *
222	64	200	45	075-100-125-150-175-200-250-300	2,39	445MU200 □□□ *
233	64	211	45	075-100-125-150-175-200-250-300	2,44	445MU211 □□□ *
247	64	225	45	075-100-125-150-175-200-250-300	2,52	445MU225 □□□ *
274	64	252	45	075-100-125-150-175-200-250-300	2,66	445MU252 □□□ *
283	64	261	45	075-100-125-150-175-200-250-300	2,70	445MU261 □□□ *
334	64	312	45	075-100-125-150-175-200-250-300	2,92	445MU312 □□□ *
356	64	334	45	075-100-125-150-175-200-250-300	3,05	445MU334 □□□ *
384	64	362	45	075-100-125-150-175-200-250-300	3,18	445MU362 □□□ *

\*Complete the code by inserting the value of the radius (R): Ex. 445MU050 □ □ □ □

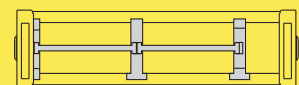
R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
075	214	180	370	225	465
100	264	200	450	340	740
125	314	225	530	460	1020
150	364	250	605	580	1300
175	414	275	685	700	1575
200	464	300	765	820	1855
250	564	350	920	1055	2410
300	664	400	1080	1295	2970



**NEW  
CHAIN**

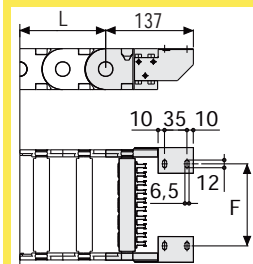
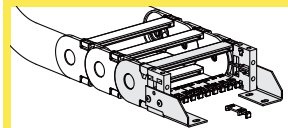
Serie Medium

**445MU**  
Nylon Cable Chain  
with opening frames



**Separation System**  
To choose the separators see  
page. 198

**Bright Zinc Plated  
Steel Type\*\*\***



F = A-44

**Bright Zinc Plated Steel  
Type Part Numbers**

Complete Set Assembled

A445M□□□\*KM□\*\*

Complete Set Unassembled

A445M□□□\*K□\*\*

**Tiewrap Clamp  
Part Numbers**

Complete Set Assembled

CFC445M□□□\*KM

Complete Set Unassembled

CFC445M□□□\*K

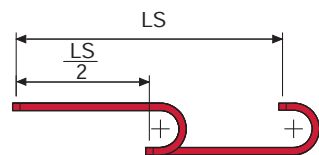
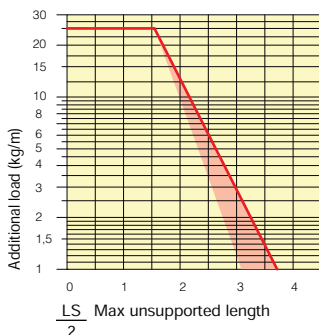
\* Inner width (C)

\*\* 1=Pos.1; 2=Pos.2; 3=Pos.3

\*\*\* Available on request in stainless steel

**Self-Supporting  
Capacity Diagram**

The maximum length of the self-supporting capacity ( $\frac{LS}{2}$ ) in relationship to the weight of the cables and hoses contained per linear metre.



The red marking in the diagram area considers the difference of weight between various widths of chain.

For applications with  $\frac{LS}{2}$  and weights not included in the area of the diagram showing self-supporting capacity, verify the possible use of support rollers (see page 30).

**End Brackets**

The end brackets set allows the two ends of the chain to be attached to the equipment. Set complete with tiewrap clamps available on request.

**Nylon Type**

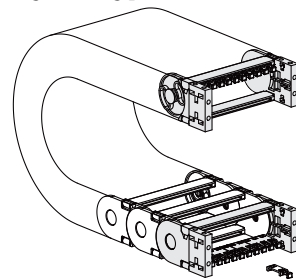


Fig. A  
The chain can be fixed frontally, inner or outer radius. (Fig A)

**Nylon Type**

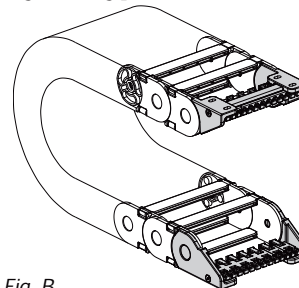
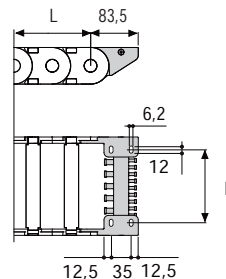
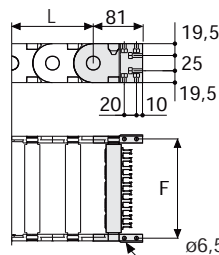


Fig. B  
Chain fixed outside the radius. (Fig B)  
See end brackets mounting variations page 31.



Chain Type	F mm
445MU050	63
445MU061	74
445MU075	88
445MU081	94
445MU085	98
445MU095	108
445MU100	113
445MU107	120
445MU117	130
445MU125	138
445MU136	149
445MU150	163
445MU175	188
445MU200	213
445MU211	224
445MU225	238
445MU252	265
445MU261	274
445MU312	325
445MU334	347
445MU362	375

**Nylon Type  
Part Numbers**

Complete Set Assembled

AN445M□□□\*KM

Complete Set Unassembled

AN445M□□□\*K

**Tiewrap Clamp  
Part Numbers**

Complete Set Assembled

CFC445M□□□\*KM

Complete Set Unassembled

CFC445M□□□\*K

Chain Type	F mm
445MU050	28
445MU061	39
445MU075	53
445MU081	59
445MU085	63
445MU095	73
445MU100	78
445MU107	85
445MU117	95
445MU125	103
445MU136	114
445MU150	128
445MU175	153
445MU200	178
445MU211	189
445MU225	203
445MU252	230
445MU261	239
445MU312	290
445MU334	312
445MU362	340

**Nylon Type  
Part Numbers**

Complete Set Assembled

AN445KM□\*\*\*\*

Complete Set Unassembled

AN445K□\*\*\*\*

**Tiewrap Clamp  
Part Numbers**

Complete Set Assembled

SFCT445□□□\*KM

Complete Set Unassembled

SFCT445□□□\*K

\*\*\*\*1=Pos.1; 2=Pos.2; 3=Pos.3

5=Pos.5; 6=Pos.6

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