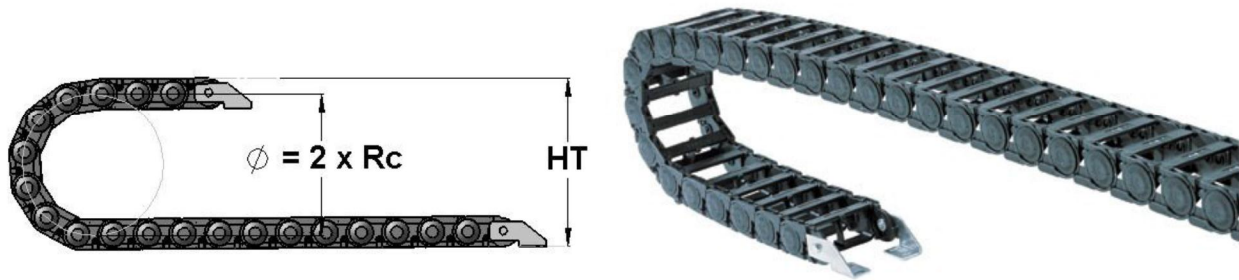


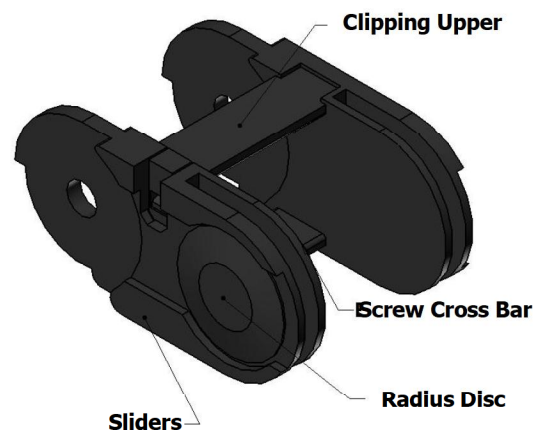
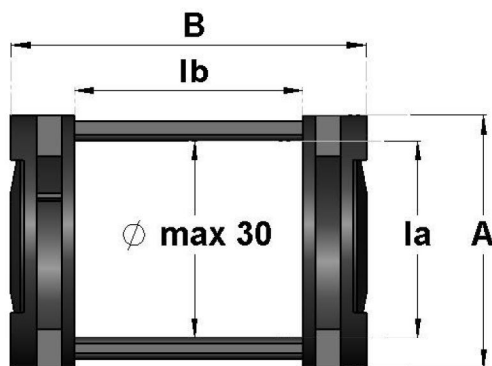
Heavy Series**Model 4710****Composite**

Model	A	B	Ia	Ib	Part ID					
4710/A	40	56	31	32	D691-411	D691-412	D691-413	D691-414	D691-415	D691-416
4710/B	40	75	31	51	D691-421	D691-422	D691-423	D691-424	D691-425	D691-426
4710/C	40	95	31	71	D691-431	D691-432	D691-433	D691-434	D691-435	D691-436
4710/D	40	119	31	95	D691-441	D691-442	D691-443	D691-444	D691-445	D691-446
Rc in mm, Pitch = 47 mm					55	75	95	125	145	190
Ht in mm + or -10%					170	210	250	310	350	440

The raw material used for the manufacture of the links in the **heavy series** is a **composite plastic**.

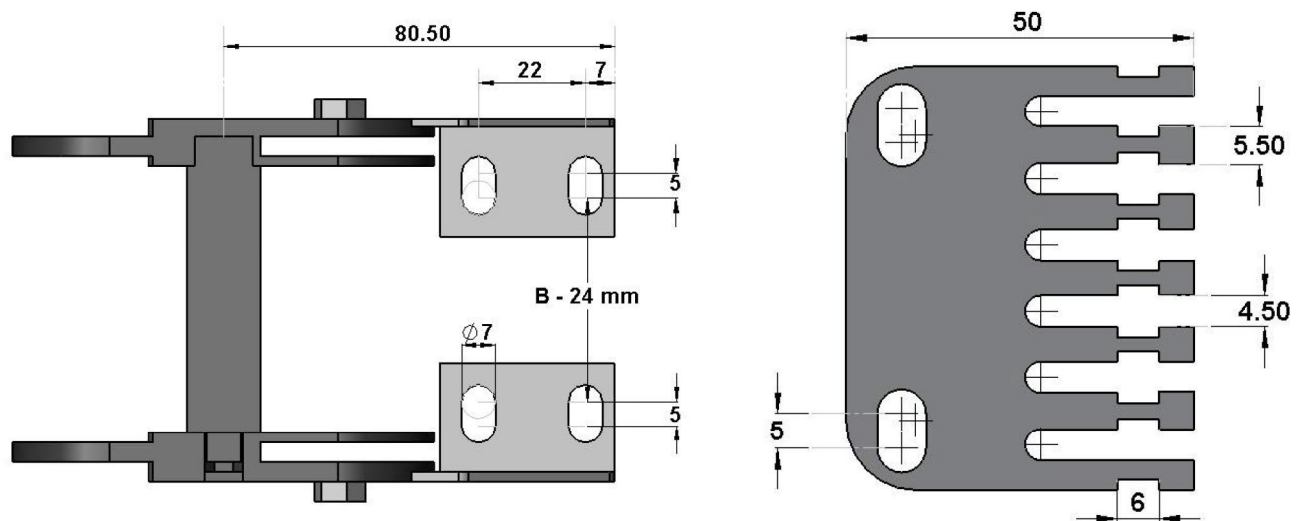
This series can be used for applications requiring **long travel length, high speed or acceleration (>3 m/s)** or **heavy weights**.

These chains are used in **harsh environmental conditions** namely : refractories, saw mills, cement plants, chemical plants, extreme temperatures (-50° to 160°C), tropical conditions, submerged conditions, etc.



Find 3D drawings at : <http://www.tracepartsonline.com/ws/decril>





Model	End Connector (Kit) Part ID	Screw Size(mm)	Thickness (mm)	Material
4710	<i>Please Call</i>	4*M6	3	Steel
4710	<i>Please Call</i>	4*M6	3	Stainless

Model	Comb Part ID	No. of Teeth	Thickness (mm)	Material
4710/A	<i>Please Call</i>	5	1.5	Steel
4710/B	<i>Please Call</i>	7	1.5	Steel
4710/C	<i>Please Call</i>	9	1.5	Steel
4710/D	<i>Please Call</i>	11	1.5	Steel

Dividers are ordered separately (Part ID. **D691-496**) and can be installed on the chain at every alternate link. The thickness of the divider is 3mm.

To order dividers, calculate as: no. dividers per cross bar x [Length of chain/47]/2. For example, for 3 dividers for a chain having length 1222 mm, calculate as $3 \times [1221/47]/2 = 39$; that is, 3 dividers on every other cross bar.

The dividers slide easily along the length of the cross bar, and can be clipped by hand and removed by screw driver.

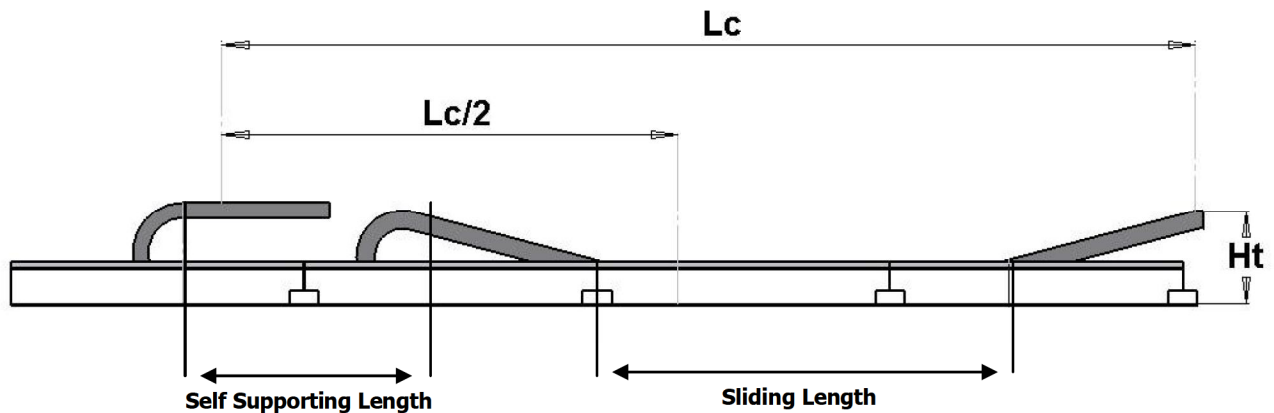
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Chain length calculation from the stroke L_c (in mm) :

Please note that to calculate the length, the fixed point has to be in the middle of the stroke.

Rc (chain radius)	55	75	95	125	145	190
Ht (Height of the mobile point)	314	377	440	534	597	738
Chain length (mm)	$L_c/2+314$	$L_c/2+377$	$L_c/2+440$	$L_c/2+534$	$L_c/2+597$	$L_c/2+738$



If the length of track used is longer than the self supporting length, a linear guide channel should be used along the whole track course (the dimensions for the raceway & channels are found at the end of the catalog).



customized adaptations for your applications can be offered after a study of the conditions of the work environment for your installations. **Do not hesitate to ask us to review your projects/applications.**

Find 3D drawings at : <http://www.tracepartsonline.com/ws/decril>

