BAREBAR I

Easy installation, reduced and simple maintenance, to meet safety standards demanded by industry.

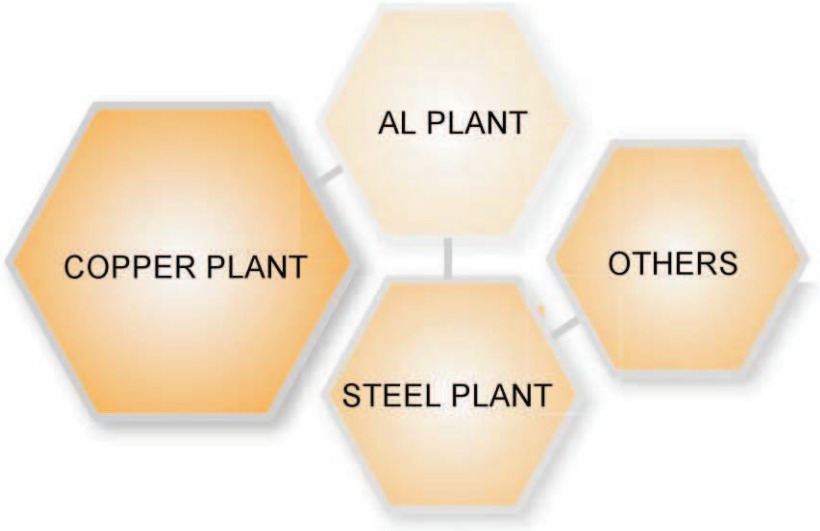
FEATURES:

- ※ Easy installation, reduced and simple maintenance
- ※ Long life time, reliable contact, small contact resistance
- ※ Hardwearing, corrosion resistant stainless steel contact surface
- ※ Can be used in harsh environment, like cold, high temperature, etc.
- ※ Expansion section not required for run less than 100 meters
- ※ Max. traveling speed: 200m/min

RANGE OF APPLICATION:

Cranes and Gantries in workshop, iron and steel industry, foundries, etc.

TYPICAL APPLICATIONS:



TECHNICAL DATA

STANDARD (BLACK)	SPECIFICATION
Installation altitude	<=2000m
Installation class	III
Ambient temperature	–20℃～150℃
Ambient humidity	<=95%, allow short time cream
Pollution level	IV
Short time withstand current	20 * Ie/1s

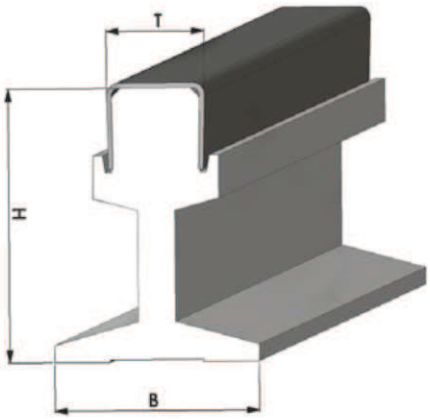
BARE BAR		ALUMINIUM / STAINLESS STEEL CONDUCTOR BAR				
Current rating (A)		680	900	1100	1350	1600
Code		701R147	701R247	701R347	701R447	701R547
Section (mm^2)		480	666	832	986	1024
Max.system Voltage	AC	1000 4500	1000 4500	1000 4500	1000 4500	1000 4500
DC resistance (20℃Ω×10–6/m)		69.8	50.5	41.0	32.8	27.3
AC resistance (20℃Ω×10–6/m)		21.7	19.7	18.3	17.2	16.1
Weight		1.64	2.4	2.95	3.5	4.1

BARE BAR		ALUMINIUM / STAINLESS STEEL CONDUCTOR BAR			
Current rating (A)		2000	2300	2600	2900
Code		701R647	701R747	701R847	701R947
Section (mm^2)		1573	1800	2110	2622
Max.system Voltage	AC	1000 4500	1000 4500	1000 4500	1000 4500
DC resistance (20℃Ω×10–6/m)		21.8	18.2	14.9	12.6
AC resistance (20℃Ω×10–6/m)		15.3	14.4	13.6	12.8
Weight		1.9	5.7	6.8	7.9

BARE BAR WITH STAINLESS STEEL CAP

Current	680A	900A	1100A	1350A	1600A	2000A	2300A	2600A	2900A
Type	701R147	701R247	701R347	701R447	701R547	701R647	701R747	701R847	701R947
B	35	44	44	44	44	44	44	70	70
H	46	50	55	58	65	80	80	90	90
T	21	21	21	21	36	36	36	36	36

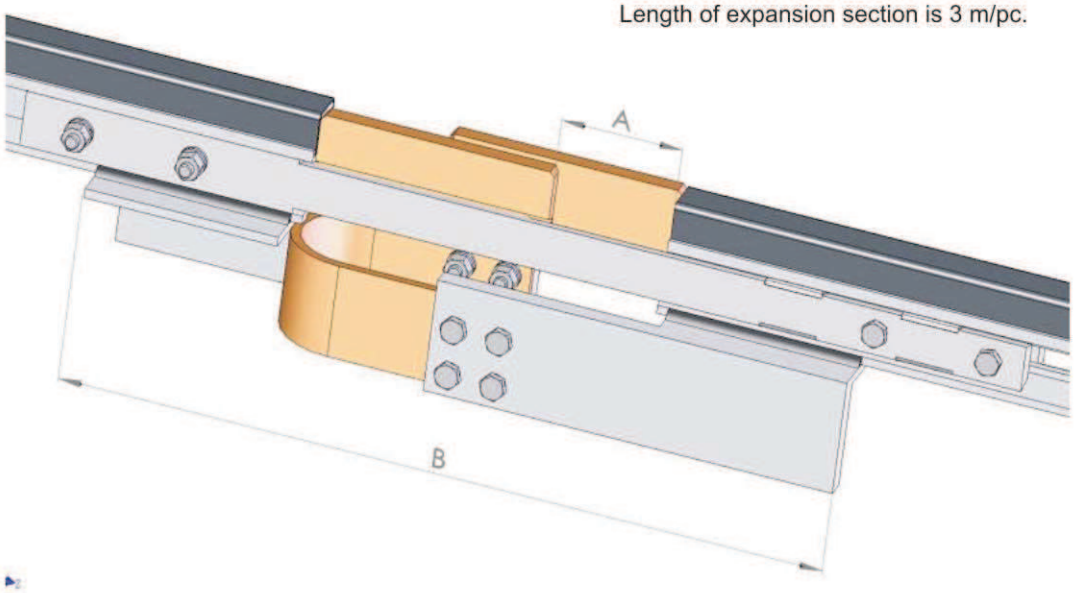
Length of conductor bar is 6 m/pc.



EXPANSION SECTION

Type	701R136	701R236	701R336	701R436	701R536	701R636	701R736	701R836	701R936
B	475	475	475	475	475	475	475	475	475
A	130	130	130	130	130	130	130	130	130

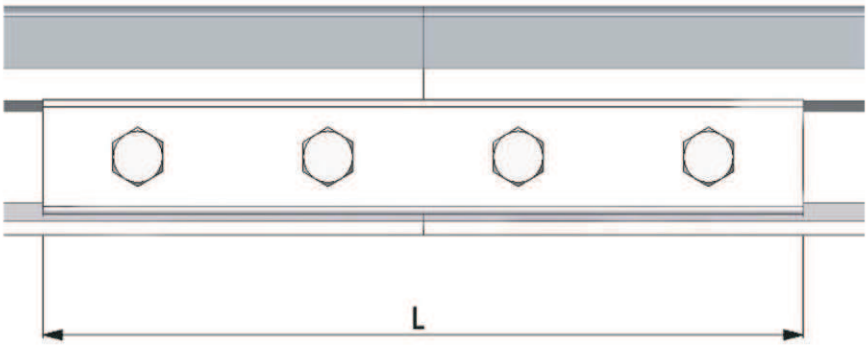
Length of expansion section is 3 m/pc.



JOINT

Type	701R137	701R237	701R337	701R437	701R537	701R637	701R737	701R837	701R937
L	200mm	200mm	200mm	200mm	200mm	200mm	200mm	200mm	200mm

Keep 200mm distance between end of Joint and Hanger clamp, to suit when conductor bar expending.



POWER FEEDS

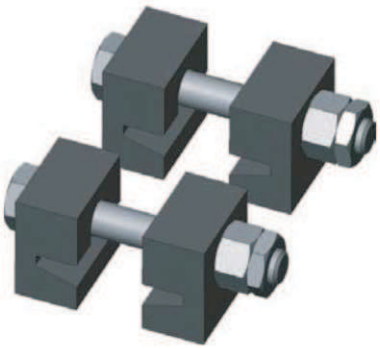
Type	701R139	701R239	701R339	701R439	701R539	701R639	701R739	701R839	701R939
Length of plate	200mm	200mm	200	200	200	200	200	200	200

Please inform us the cable size before order, we can drill the connection holes before delivery.

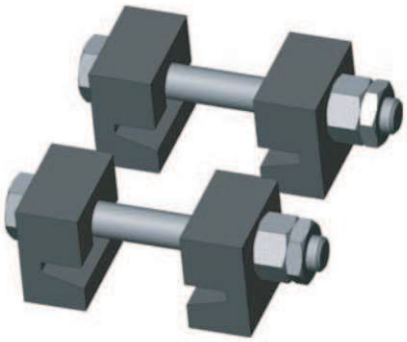
ANCHOR CLAMPS

Type	35mm	44mm	70mm
Code	701R046	701R049	701R485
B	35mm	44mm	70mm

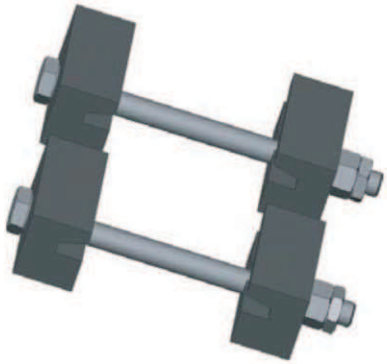
Anchor clamps are usually installed between two expansion sections.



701R046



701R049



701R485

HANGER CLAMPS WITH INSULATORS

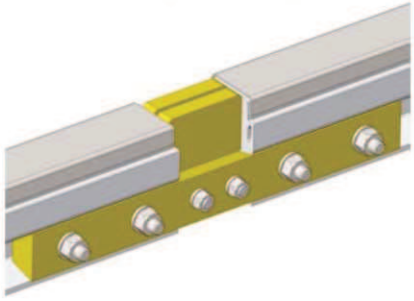
B	Spherical
35mm	701R490
44mm	701R491
70mm	701R492

Max. support spacing is 2m.

ISOLATION JOINTS

Type	701R137	701R237	701R337	701R437	701R537	701R637	701R737	701R837	701R937
＜1kV	701R162	701R262	701R362	701R462	701R562	701R662	701R762	701R862	701R962
1~6kV	701R113	701R213	701R313	701R413	701R513	701R613	701R713	701R813	701R913

Working voltage ＜1kV, space = 60mm;
Working voltage 1~6kV, space = 180mm;



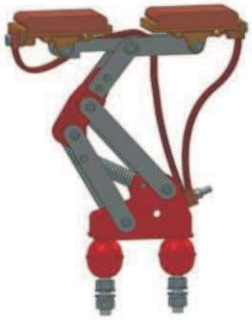
COLLECTORS

STROKE 150MM SINGLE SHOE

Type	Type
Code	394177

STROKE 150MM DOUBLE SHOES

Type	Type
Code	394197

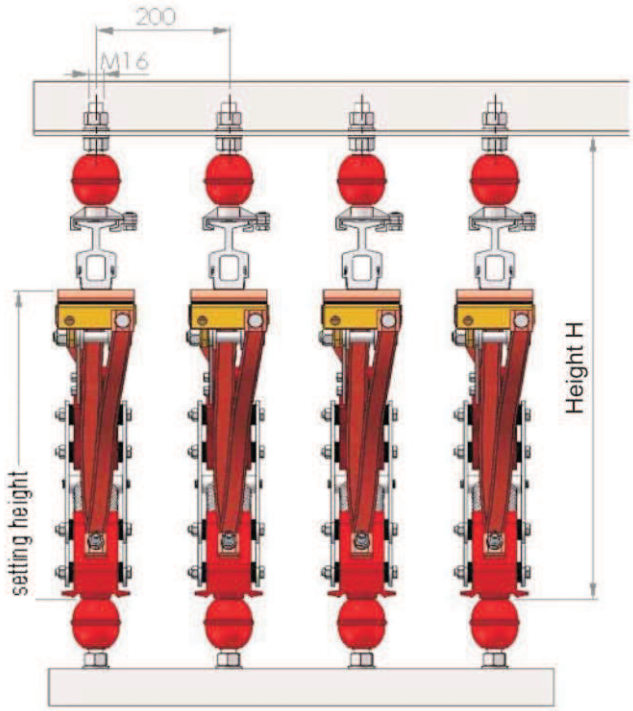


COLLECTOR CURRENT

Thickness of shoe T mm	25
Single shoe (A)	450
Double shoes (A)	900

Suggestion: To use Collector with double shoes for earth.

TYPICAL INSTALLATION



STROKE 150MM DOUBLE SHOES

Type	Code	H(mm)
680A	701R147	416
900A	701R247	421
1100A	701R347	426
1350A	701R447	431
1600A	701R547	441
2000A	701R647	456
2300A	701R747	456
2600A	701R847	471
2900A	701R947	471

AC1000V system installation facing top or bottom.

Enquiry Form

(If needed, please scan this page with your input to us.)

Company Name: _____ Contact Person: _____

Address: _____ Department: _____

_____ Tel: _____

_____ Fax: _____

Project: _____ Email: _____

Date: _____ _____

Electric Parameter:

Voltage: _____ Frequency: _____ Hz

Phases Number: _____ Phase _____ Earth

Power feed position: Mid / End / Others

Qty: _____ at _____ m
_____ m
_____ m
} from one end

Equipment Qty: _____ Type:Crane/Gantry/Others: _____

Electric Load:

	1st equipment			2nd equipment			3rd equipment			4th equipment		
	current (A)		continuty	current (A)		continuty	current (A)		continuty	current (A)		continuty
motor	R	S	%	R	S	%	R	S	%	R	S	%
hoist												
cross travel												
long travel												
auxiliary												
others												

R: operating current S: starting current

motor type: squirrel-cage/others: _____ _____

PLC: with/without

voltage drop: _____ %

System Parameter:

length: _____ m

installation: Out-door/In-door

Relative humidity:(%)/dusty/corrosive environment/others

application:

ambient temperature: _____ ℃min. _____ ℃max.

max. speed: _____ m/min

isolation part: with/without qty: _____ position: please attach your sketch

other information: _____

_____