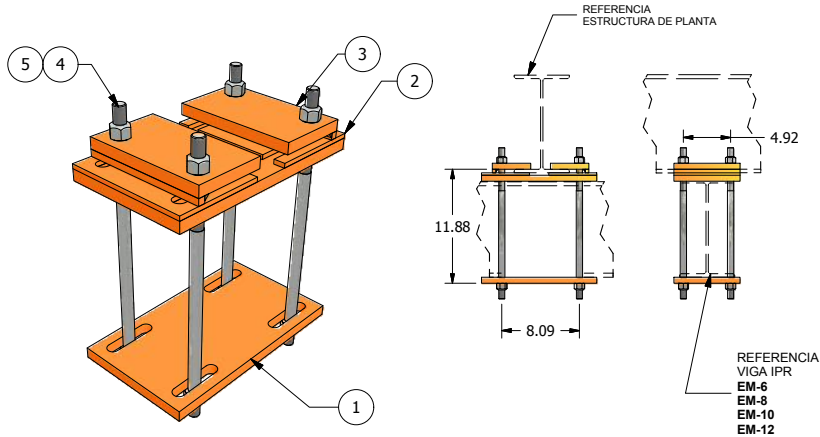


Nº PARTE **EM-E1** CLIP DE CARGA NIVELADOR



ESPECIFICACIONES

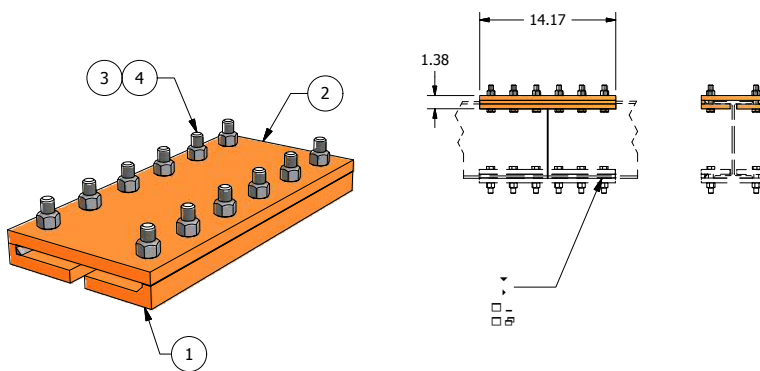
CAPACIDAD DE CARGA	3000 LBS (1300 kg)
PESO	41.43 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 5/8" G-5:	120 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	25002	PLACA DE SUJECCION
2	25001	CALZA NIVELADORA
3	15001	MORDAZA DE SUJECCION
4	61007713	TUERCA GRIPCO Ø 5/8" NC
5	25005	BIRLO Ø 5/8"

APLICACIÓN:

Nº PARTE **EM-E2** CLIP UNION VIGA-VIGA



ESPECIFICACIONES

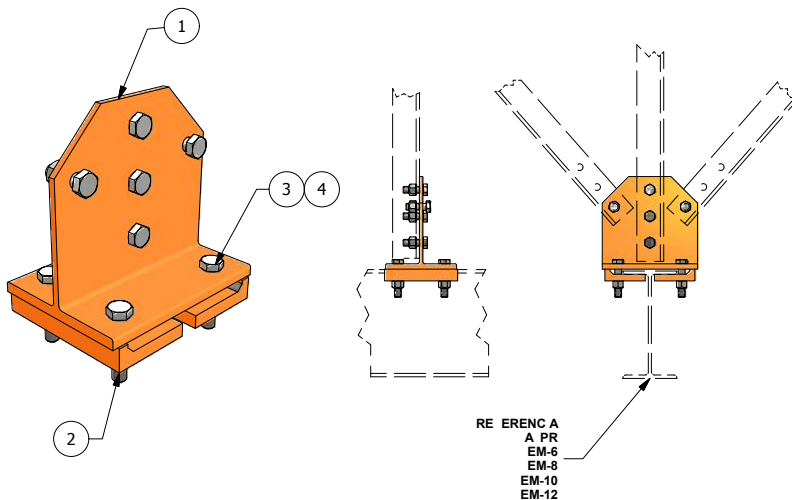
CAPACIDAD DE CARGA	3000 LBS (1300 kg)
PESO	26.82 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 1/2" G-5:	90 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	15102	MORDAZA DE SUJECCION
2	25010	PLACA BASE
3	61001311	TORNILLO HEX. Ø 1/2" NC x 2 1/2 " Lg.
4	61007712	TUERCA GRIPCO Ø 1/2" NC

APLICACIÓN:

Nº PARTE **EM-E3** CLIP UNIVERSAL



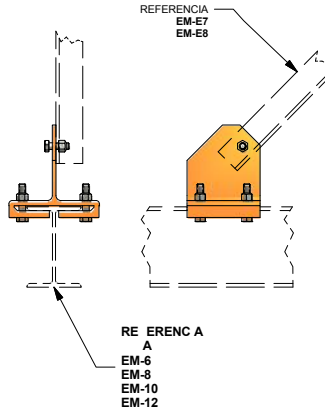
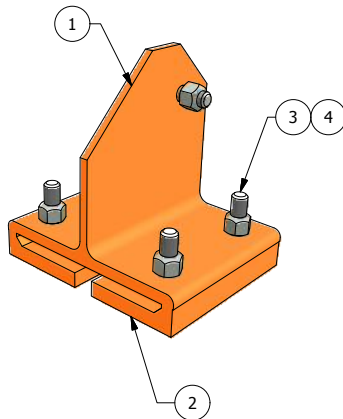
ESPECIFICACIONES

CAPACIDAD DE CARGA	3000 LBS (1300 kg)
PESO	12.63 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 1/2" G-5:	90 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	25015	CLIP PARA VIGA
2	15103	MORDAZA DE SUJECCION
3	61001311	TORNILLO HEX. Ø 1/2" NC x 2 1/2 Lg.
4	61007712	TUERCA GRIPCO Ø 1/2" NC

APLICACIÓN:



Nº PARTE **EM-E4** CLIP DE CONTRAVIENTO

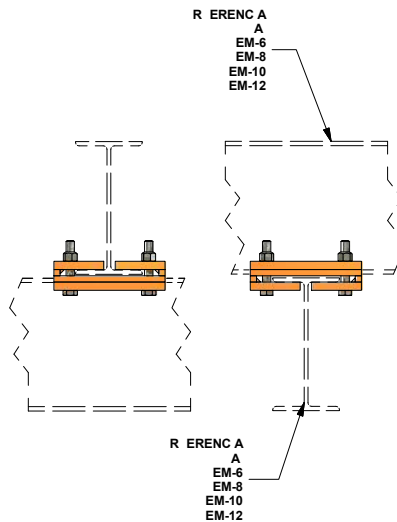
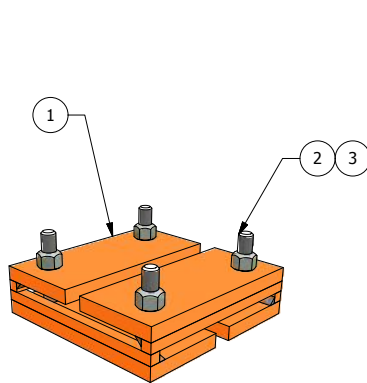
ESPECIFICACIONES

CAPACIDAD DE CARGA	3000 LBS (1300 kg)
PESO	12.14 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 1/2" G-5:	90 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	25006	CLIP CONTRAVIENTO
2	15103	MORDAZA DE SUJECCION
3	61001311	TORNILLO HEX. Ø 1/2" NC x 2 1/2 Lg.
4	61007712	TUERCA GRIPCO Ø 1/2" NC

APLICACIÓN:



Nº PARTE **EM-E5** CLIP DE SUJECION VIGA -VIGA

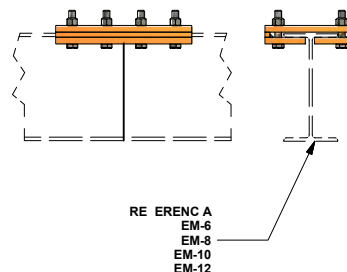
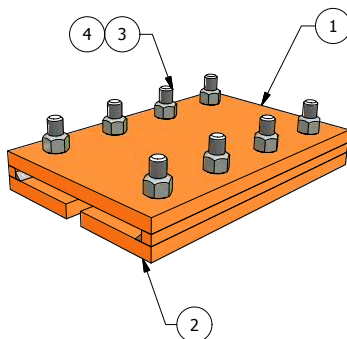
ESPECIFICACIONES

CAPACIDAD DE CARGA	3000 LBS (1300 kg)
PESO	12.63 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 1/2" G-5:	90 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	15104	MORDAZA DE SUJECION
2	61001313	TORNILLO HEX. Ø 1/2" NC x 3" Lg.
3	61007712	TUERCA GRIPCO Ø 1/2" NC

APLICACIÓN:



Nº PARTE **EM-E6** CLIP DE UNION RIEL-RIEL

ESPECIFICACIONES

CAPACIDAD DE CARGA	3000 LBS (1300 kg)
PESO	19.95 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 1/2" G-5:	90 LBS/FT

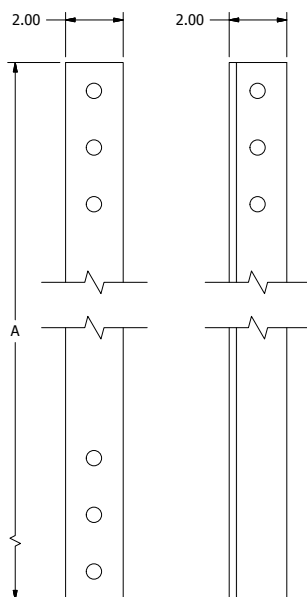
COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	25007	CLIP CONTRAVIENTO
2	15100	MORDAZA DE SUJECCION
3	61001311	TORNILLO HEX. Ø 1/2" NC x 2 1/2 Lg.
4	61007712	TUERCA GRIPCO Ø 1/2" NC

APLICACIÓN:

N° PARTE **EM-E7**

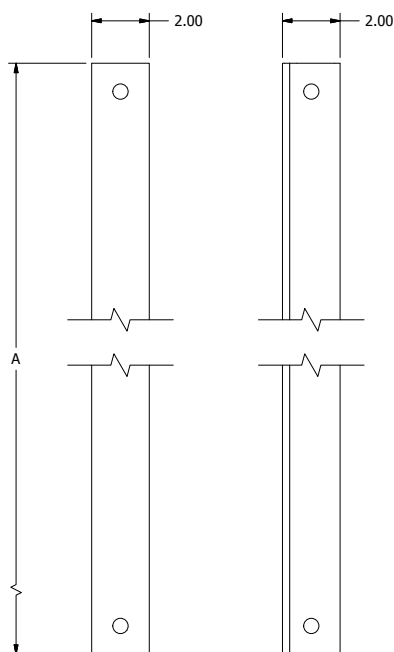
**SOPORTE DE CARGA
VERTICAL**



N° PARTE	A	
	ft	m
EM-E7-1	1	0.304
EM-E7-2	2	0.609
EM-E7-3	3	0.914
EM-E7-4	4	1.219
EM-E7-5	5	1.524
EM-E7-6	6	1.828
EM-E7-7	7	2.133
EM-E7-8	8	2.438
EM-E7-9	9	2.743
EM-E7-10	10	3.048
EM-E7-11	11	3.352
EM-E7-12	12	3.657
EM-E7-14	14	4.267
EM-E7-16	16	4.876
EM-E7-18	18	5.486
EM-E7-20	20	6.096

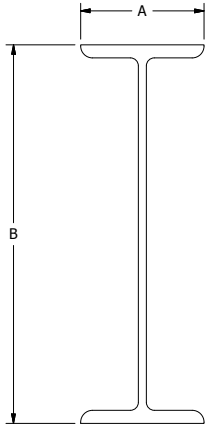
N° PARTE **EM-E8**

**SOPORTE VENTEO
ANGULO 1/4" x 2"**



N° PARTE	A	
	ft	m
EM-E8-2	2	0.609
EM-E8-3	3	0.914
EM-E8-4	4	1.219
EM-E8-5	5	1.524
EM-E8-6	6	1.828
EM-E8-7	7	2.133
EM-E8-8	8	2.438
EM-E8-10	10	3.048
EM-E8-12	12	3.657
EM-E8-14	14	4.267
EM-E8-16	16	4.876
EM-E8-18	18	5.486
EM-E8-20	20	6.096
EM-E8-22	22	6.705
EM-E8-24	24	7.315
EM-E8-26	26	7.924

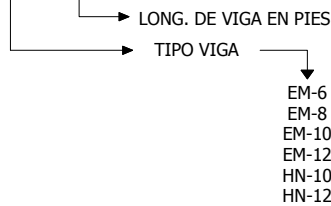
VIGAS DE CARGA I.P.R.



N° PARTE	A	B
EM-6	6"	4"
EM-8	8"	4"
EM-10	10"	4"
EM-12	12"	4"
HN-10	10"	5 3/4"
HN-12	12"	6 1/2"

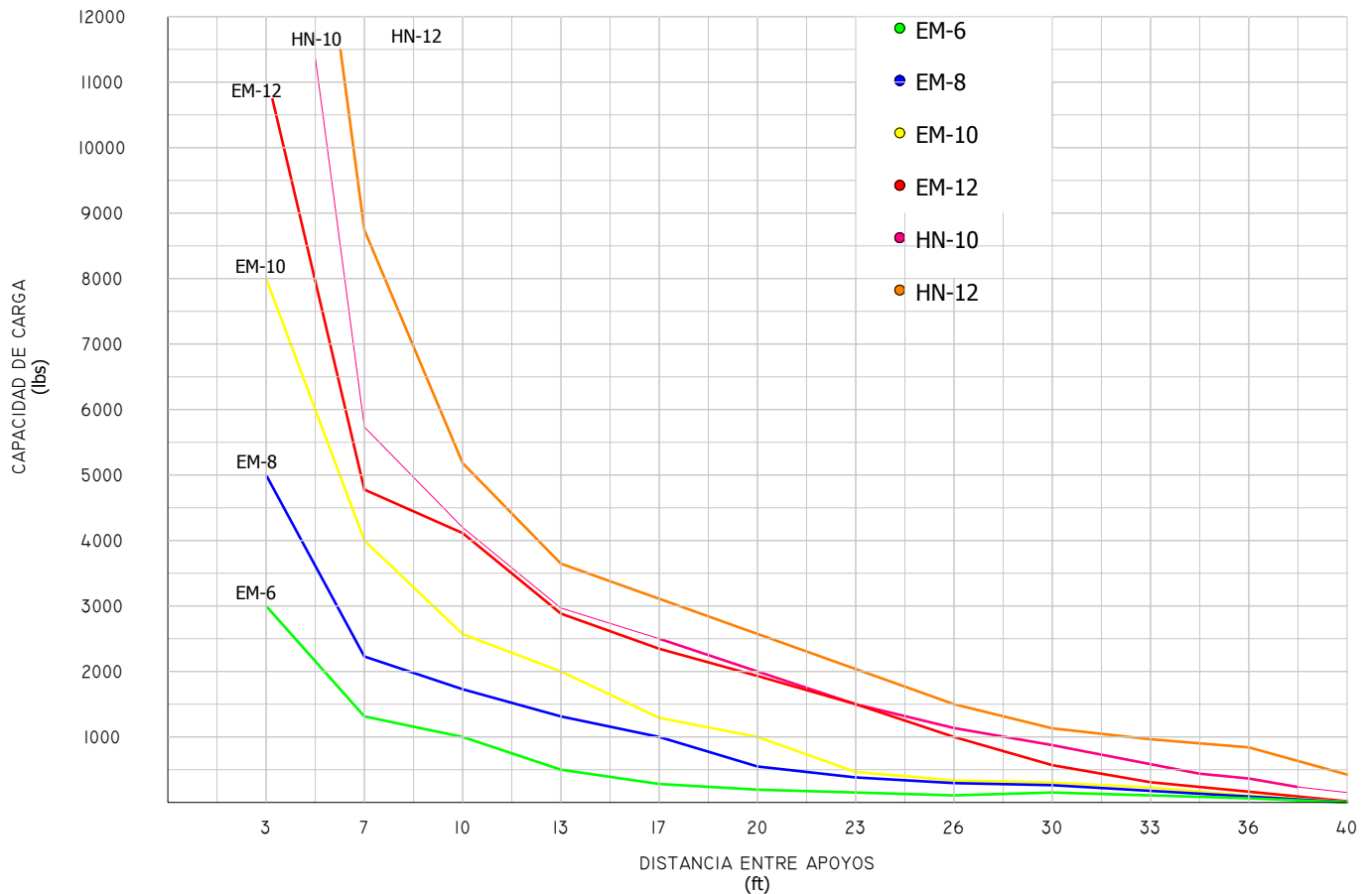
COMO ORDENAR VIGAS

EM-6 - 20

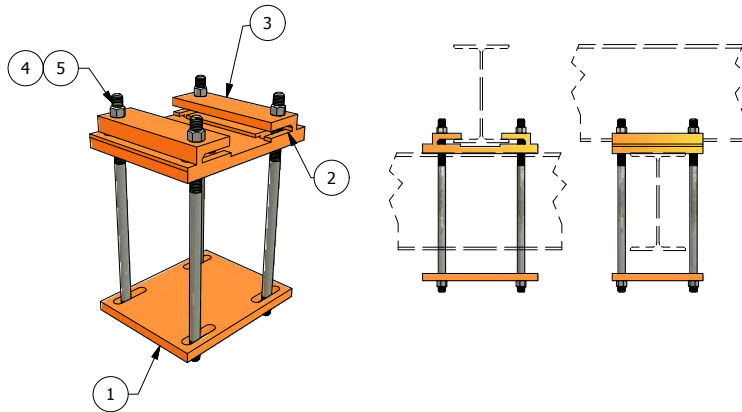


APOYOS		CAPACIDAD (lbs)					
ft	m	EM-6	EM-8	EM-10	EM-12	HN-10	HN-12
3	0.914	3042	4824	8094	10753	11243	16385
7	2.133	1443	2135	4019	4344	5602	8186
10	3.048	1010	1517	2610	4054	3694	5541
13	3.462	620	1268	1964	2731	2744	4201
17	5.181	364	878	1547	2168	2094	3260
20	6.096	247	531	1266	1769	1712	2723
23	7.010	160	371	867	1448	923	2163
26	7.924	84	264	637	1070	848	1513
30	9.144	55	186	468	806	659	1257
33	10.058	28	134	346	615	489	910
36	10.970	12	84	251	464	359	737
40	12.192	5	46	179	329	255	485

CAPACIDADES DE VIGAS



Nº PARTE **HN-E10** CLIP DE CARGA NIVELADOR



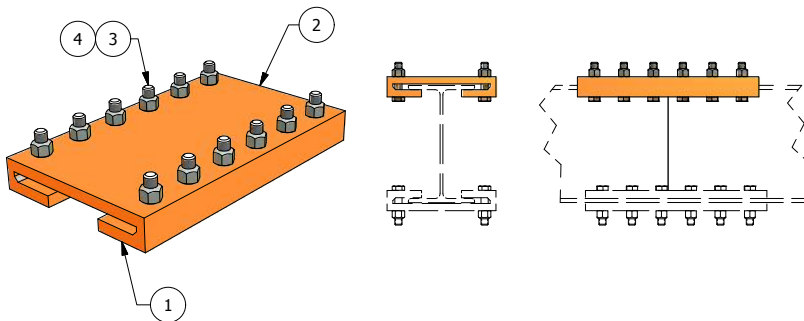
ESPECIFICACIONES

CAPACIDAD DE CARGA	6000 LBS (2700 KG)
PESO	61.14 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 5/8" G-5:	210 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	25043	PLACA DE SUJECION
2	25044	CALZA NIVELADORA
3	15111	MORDAZA DE SUJECION
4	61007713	TUERCA GRIPCO Ø 5/8" NC
5	25042	BIRLO Ø 5/8"

Nº PARTE **HN-E20** CLIP UNION VIGA-VIGA



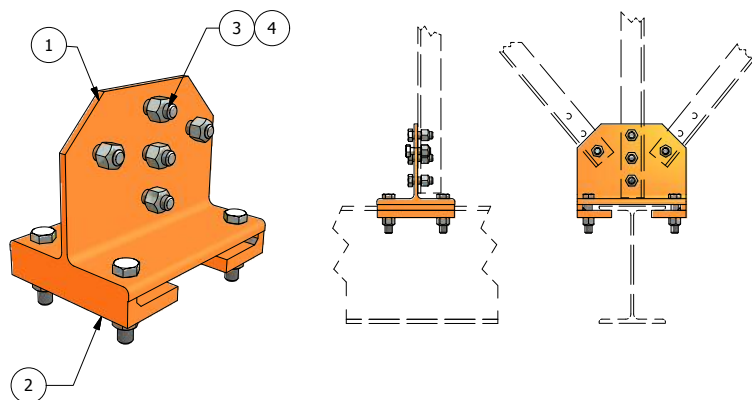
ESPECIFICACIONES

CAPACIDAD DE CARGA	6000 LBS (2700 KG)
PESO	45.54 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 5/8" G-5:	210 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	15110	MORDAZA DE SUJECION
2	25039	PLACA BASE
3	61001356	TORNILLO HEX. Ø 5/8" NC x 3" Lg.
4	61007713	TUERCA GRIPCO Ø 5/8" NC

Nº PARTE **HN-E30** CLIP UNIVERSAL



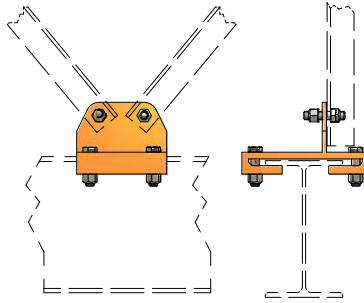
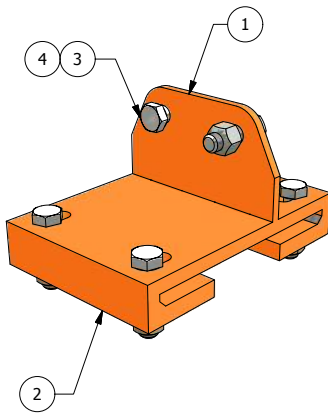
ESPECIFICACIONES

CAPACIDAD DE CARGA	6000 LBS (2700 KG)
PESO	23.08 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 5/8" G-5:	210 LBS/FT

COMPONENTES

REF.	Nº DE PARTE	DESCRIPCIÓN
1	25032	CLIP PARA VIGA
2	15108	MORDAZA DE SUJECION
3	61001351	TORNILLO HEX. Ø 5/8" NC x 3" Lg.
4	61007713	TUERCA GRIPCO Ø 5/8" NC

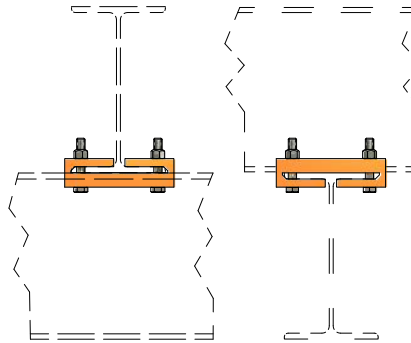
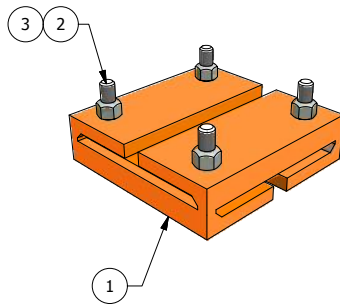
Nº PARTE **HN-E40** CLIP DE CONTRAVIENTO



ESPECIFICACIONES	
CAPACIDAD DE CARGA	6000 LBS (2700 kg)
PESO	19.06 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 5/8" G-5:	210 LBS/FT

COMPONENTES		
REF.	Nº DE PARTE	DESCRIPCIÓN
1	15109	CLIP CONTRAVIENTO
2	15108	MORDAZA DE SUJECCION
3	61001352	TORNILLO HEX. Ø 5/8" NC x 3" Lg.
4	61007713	TUERCA GRIPCO Ø 5/8" NC

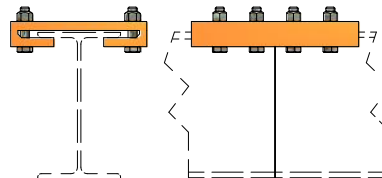
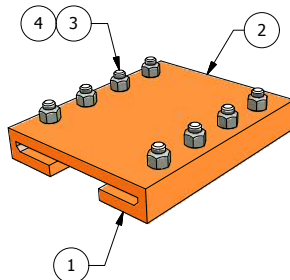
Nº PARTE **HN-E50** CLIP DE SUJECION VIGA -VIGA



ESPECIFICACIONES	
CAPACIDAD DE CARGA	6000 LBS (2700 kg)
PESO	12.63 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 1/2" G-5:	210 LBS/FT

COMPONENTES		
REF.	Nº DE PARTE	DESCRIPCIÓN
1	15104	MORDAZA DE SUJECION
2	61001313	TORNILLO HEX. Ø 1/2" NC x 3" Lg.
3	61007712	TUERCA GRIPCO Ø 1/2" NC

Nº PARTE **HN-E60** CLIP DE UNION RIEL-RIEL

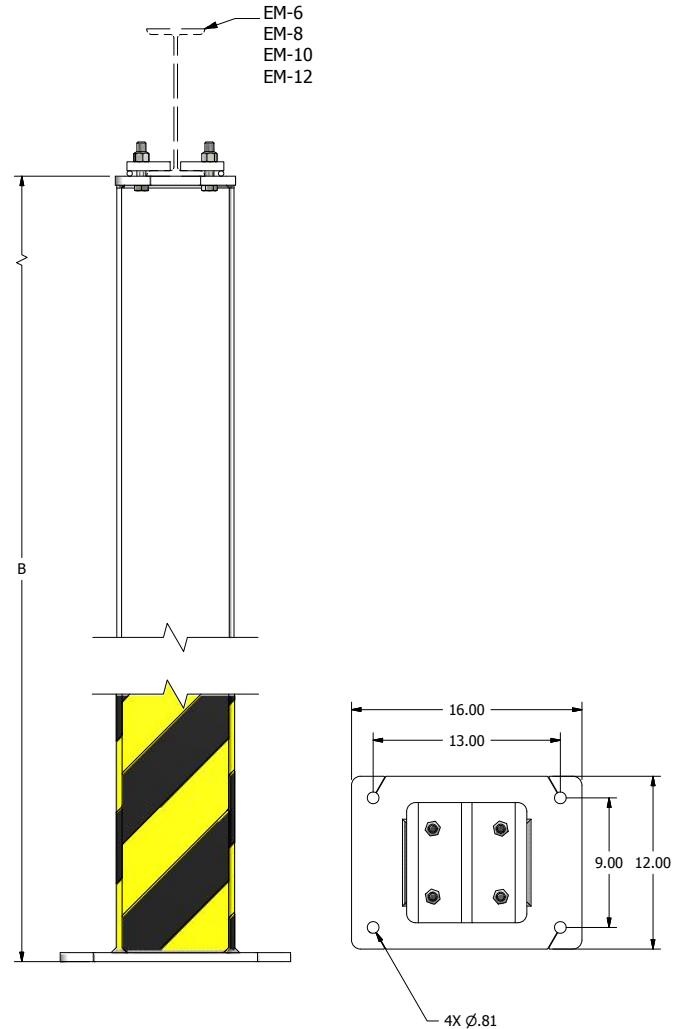


ESPECIFICACIONES	
CAPACIDAD DE CARGA	6000 LBS (2700 kg)
PESO	33.60 LBS
TORQUE RECOMENDADO:	
TUERCAS Ø 5/8" G-5:	210 LBS/FT

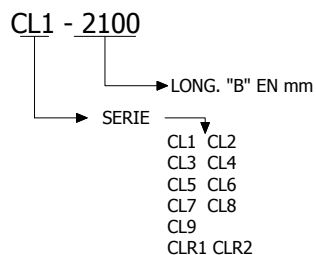
COMPONENTES		
REF.	Nº DE PARTE	DESCRIPCIÓN
1	25050	CLIP CONTRAVIENTO
2	15112	MORDAZA DE SUJECCION
3	61001355	TORNILLO HEX. Ø 5/8" NC x3" Lg.
4	61007713	TUERCA GRIPCO Ø 5/8" NC

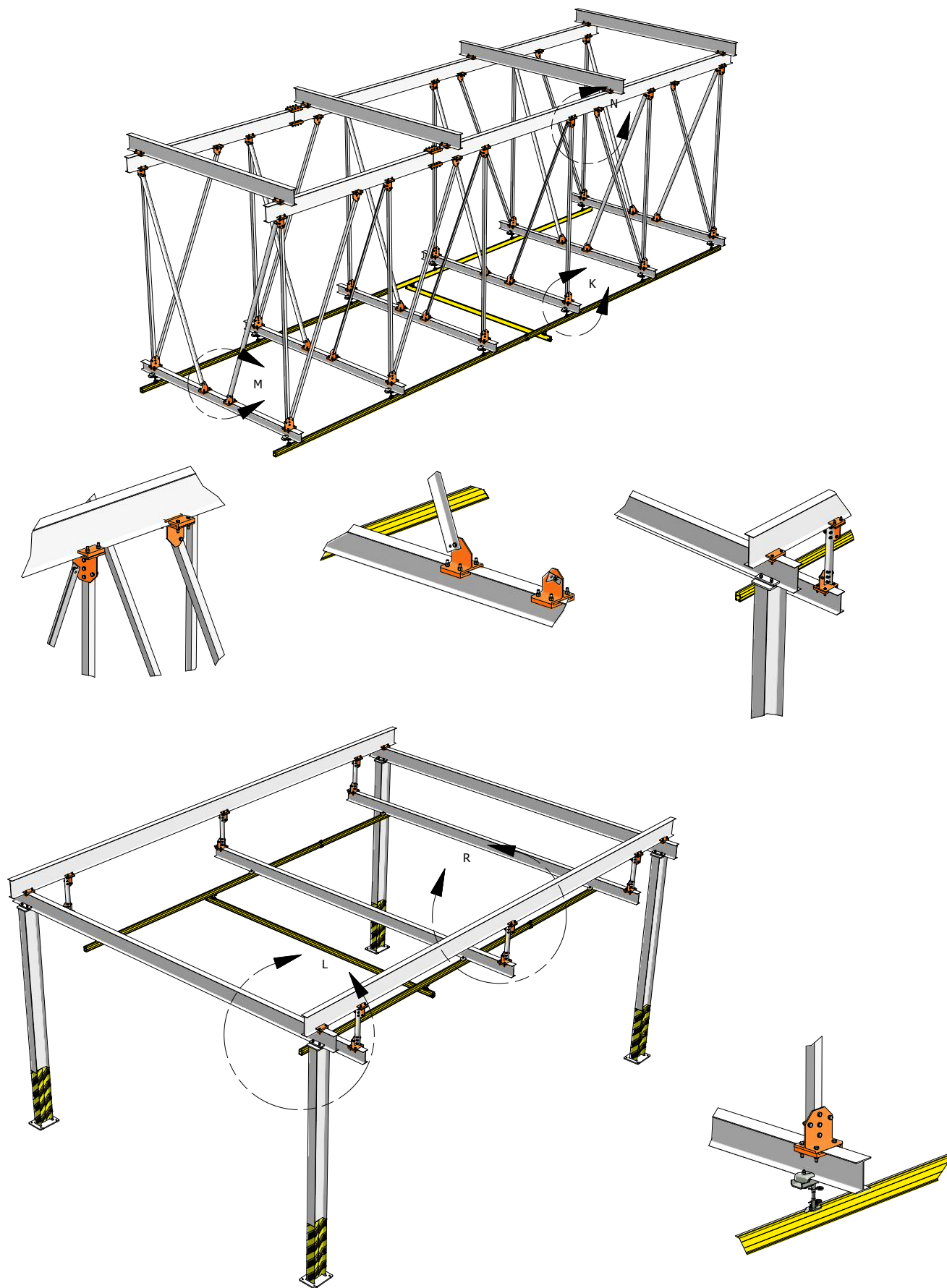
"COLUMNAS I.P.R."

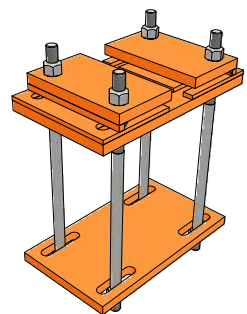
SERIE	I.P.R.	ALTURA LONG. mm "B"	PLACA 5/8"	CAPACIDAD
CL0	6" x 4" 17.9 Kg/m	2100 - 3000	16" X 12"	3028 lbs
		3100 - 4000	16" X 12"	1702 lbs
		4100 - 6000	16" X 12"	757 lbs
CL1	8" x 4" 22.4 Kg/m	2100 - 3000	16" X 12"	4149 lbs
		3100 - 4000	16" X 12"	2333 lbs
		4100 - 6000	16" X 12"	1037 lbs
CL2	10" x 4" 28.3 Kg/m	2100 - 3000	16" X 12"	5270 lbs
		3100 - 4000	16" X 12"	2964 lbs
		4100 - 6000	16" X 12"	1317 lbs
CL3	8" x 5 1/4" 26.9 Kg/m	2100 - 3000	16" X 12"	10025 lbs
		3100 - 4000	16" X 12"	5639 lbs
		4100 - 6000	16" X 12"	2506 lbs
CL4	8" x 5 1/4" 31.3 Kg/m	2100 - 3000	16" X 12"	12289 lbs
		3100 - 4000	16" X 12"	6912 lbs
		4100 - 6000	16" X 12"	3072 lbs
CL5	10" x 5 3/4" 32.8 Kg/m	2100 - 3000	16" X 12"	14339 lbs
		3100 - 4000	16" X 12"	8066 lbs
		4100 - 6000	16" X 12"	3584 lbs
CL6	10" x 5 3/4" 38.7 Kg/m	2100 - 3000	16" X 12"	17735 lbs
		3100 - 4000	16" X 12"	9976 lbs
		4100 - 6000	16" X 12"	4433 lbs
CL7	10" x 5 3/4" 44.7 Kg/m	2100 - 3000	16" X 12"	21006 lbs
		3100 - 4000	16" X 12"	11816 lbs
		4100 - 6000	16" X 12"	5251 lbs
CL8	12" x 6 1/2" 38.7 Kg/m	2100 - 3000	16" X 12"	21761 lbs
		3100 - 4000	16" X 12"	12240 lbs
		4100 - 6000	16" X 12"	5440 lbs
CL9	12" x 6 1/2" 44.7 Kg/m	2100 - 3000	16" X 12"	25534 lbs
		3100 - 4000	16" X 12"	14363 lbs
		4100 - 6000	16" X 12"	6383 lbs
CLR	12" x 6 1/2" 52.2 Kg/m	2100 - 3000	16" X 12"	30817 lbs
		3100 - 4000	16" X 12"	17334 lbs
		4100 - 6000	16" X 12"	7704 lbs



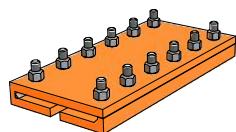
COMO ORDENAR COLUMNAS I.P.R.



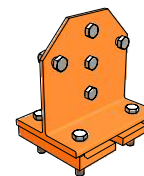




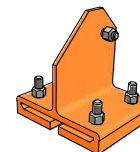
EM-E1



EM-E2



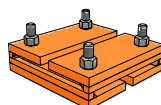
EM-E3



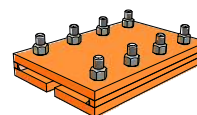
EM-E4



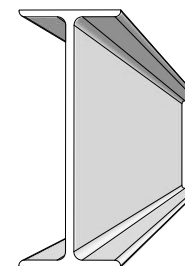
EM-E7
EM-E8



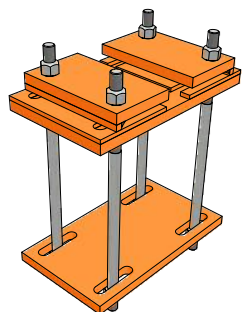
EM-E5



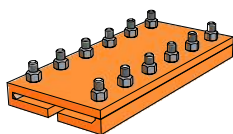
EM-E6



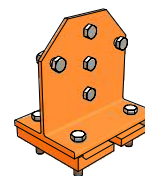
EM-6
EM-8
EM-10
EM-12



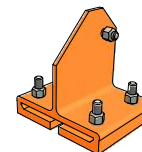
EM-E1



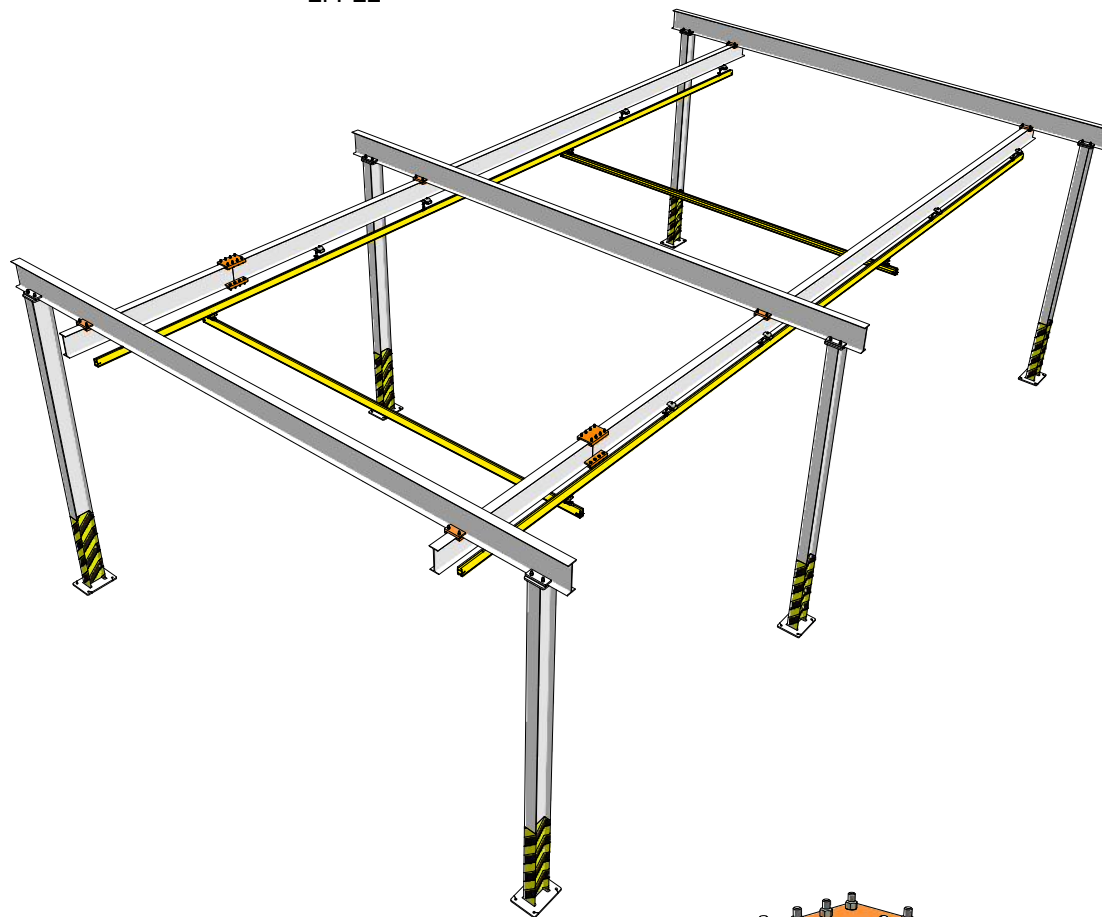
EM-E2



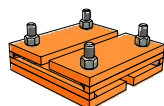
EM-E3



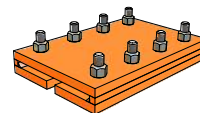
EM-E4



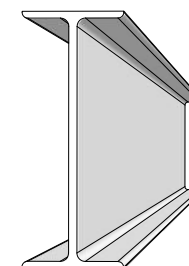
EM-E7
EM-E8



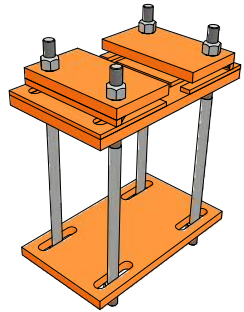
EM-E5



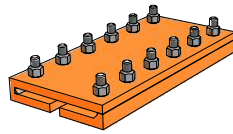
EM-E6



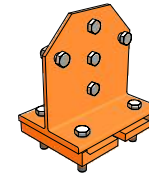
EM-6
EM-8
EM-10
EM-12



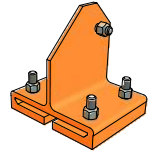
EM-E1



EM-E2



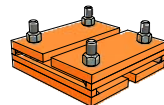
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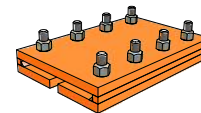
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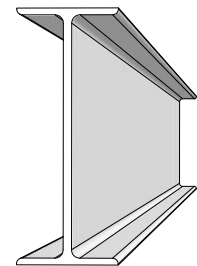
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EM-E8



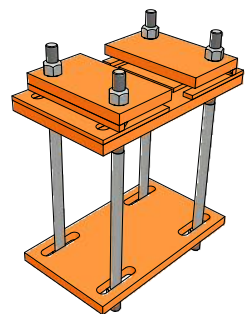
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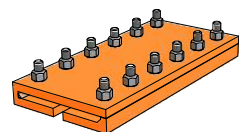
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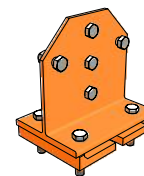
EM-6
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EM-12



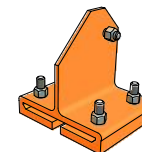
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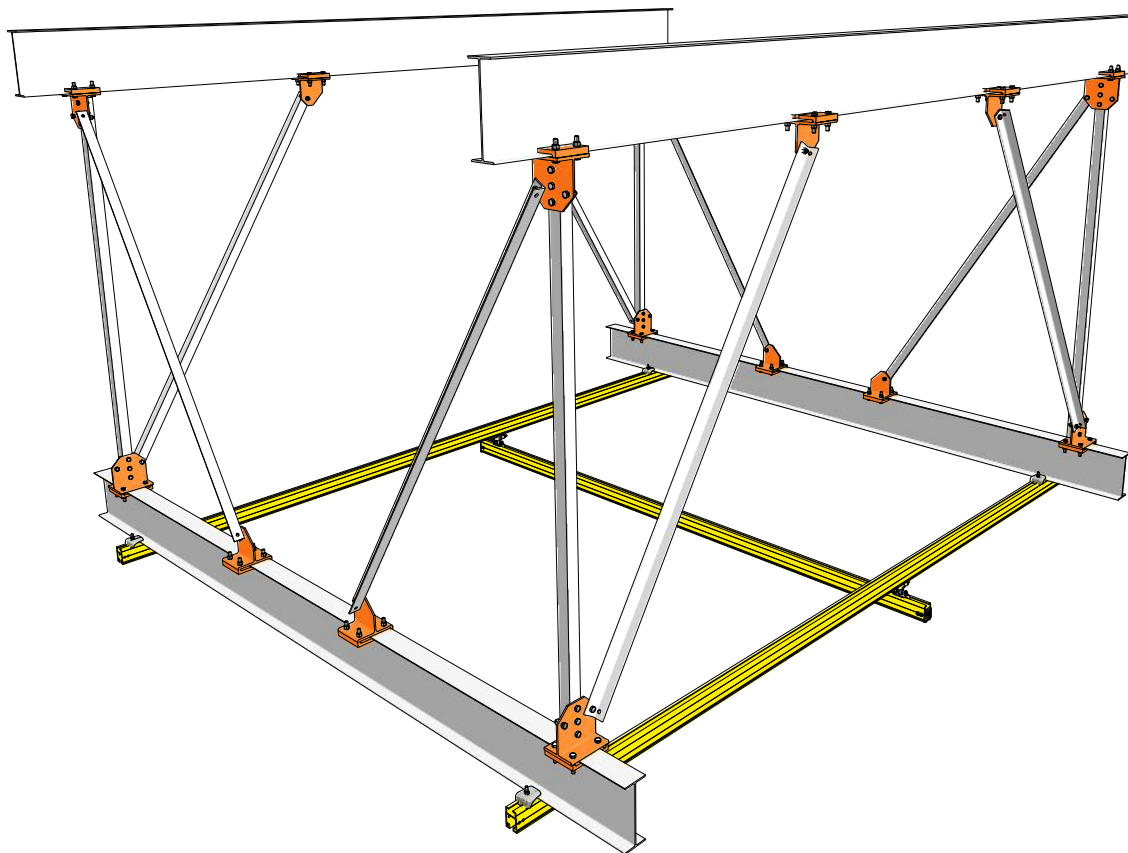
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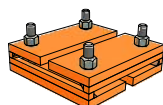
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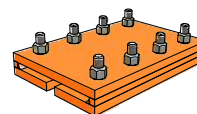
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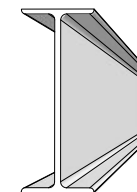
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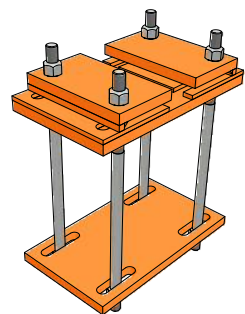
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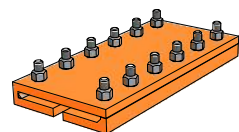
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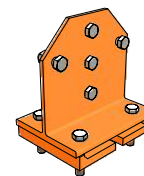
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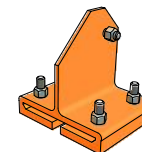
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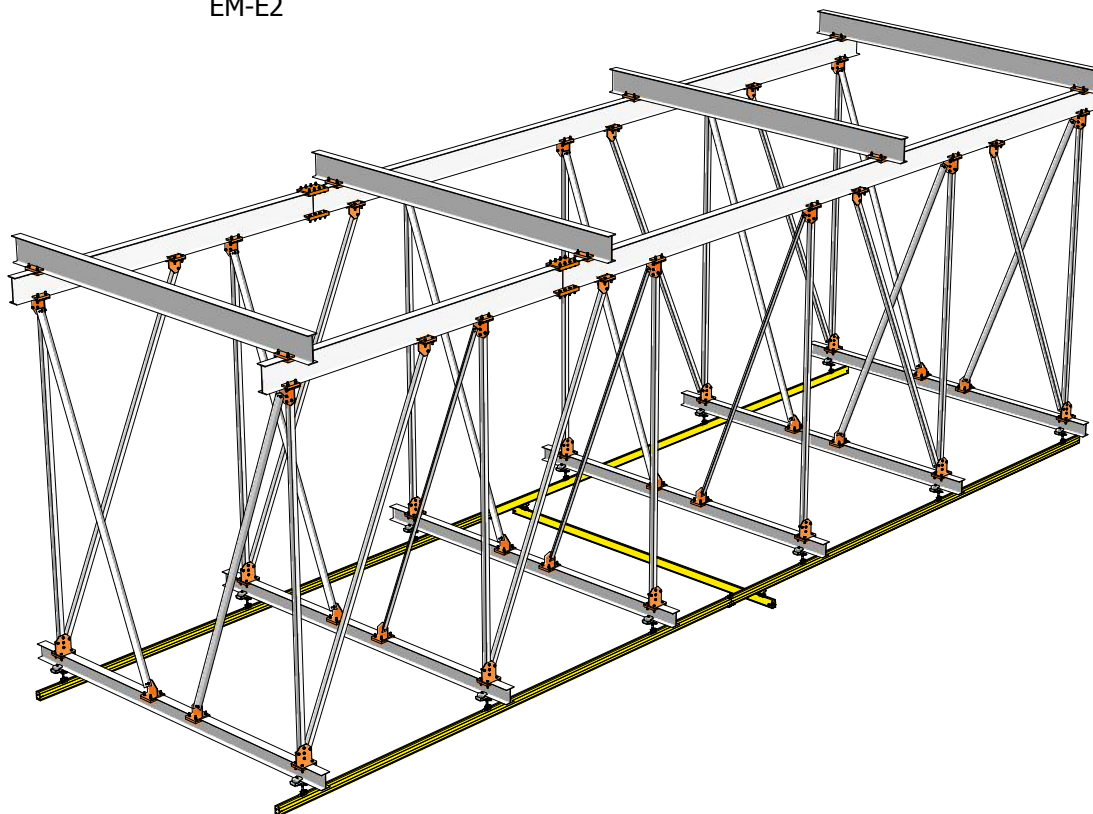
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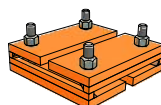
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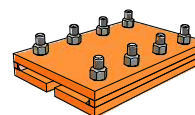
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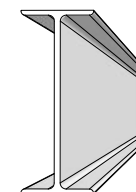
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EM-E5



EM-E6



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