

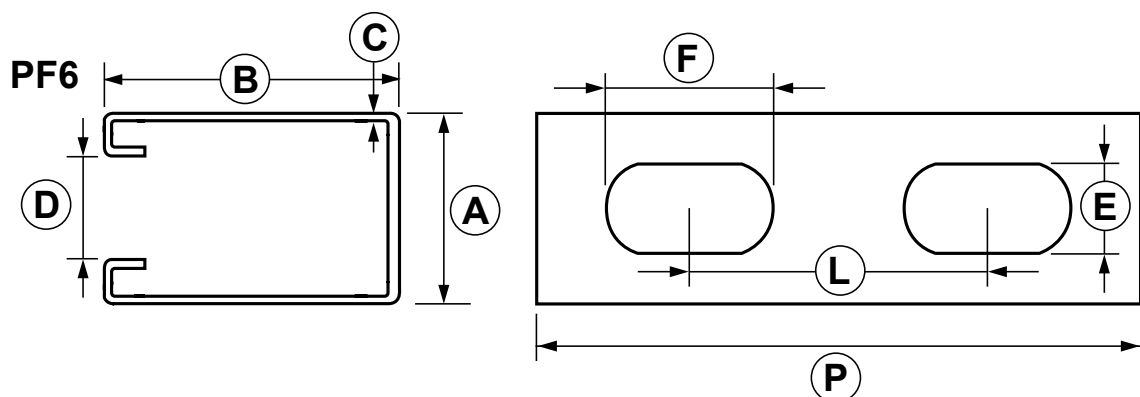
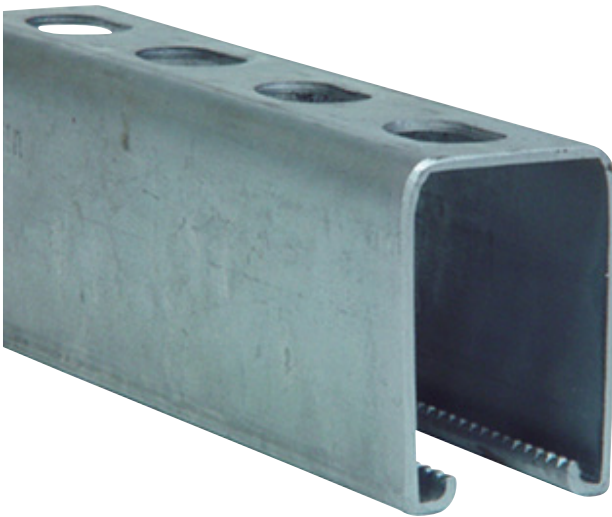
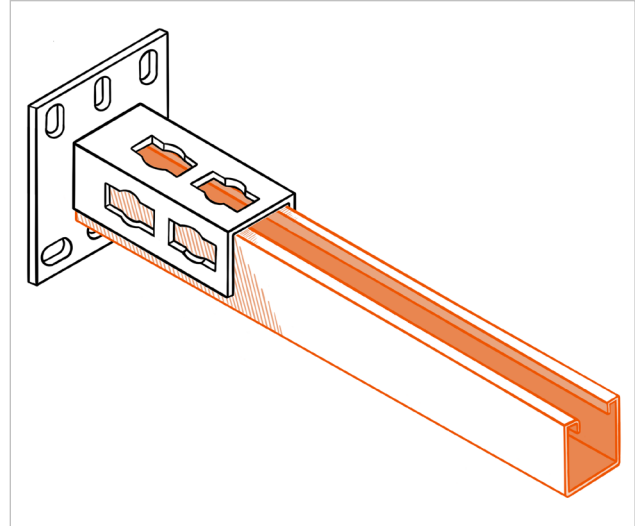
PF6 G-Strut heavy strut channel

APPLICATION

It is used for heavy duty fixings, support brackets and load-bearing frames, supports for fire protection systems.

FEATURES AND BENEFITS

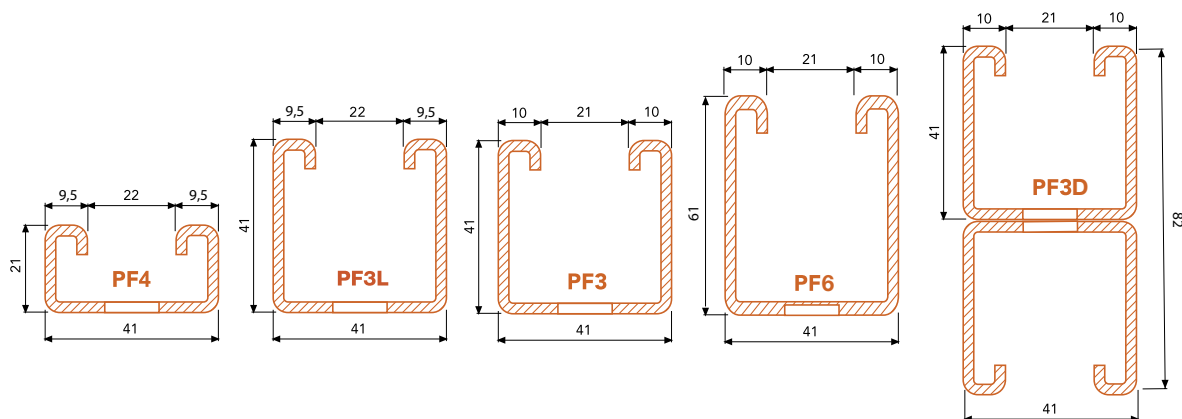
- > The folded edges on the rail sides ensure **high resistance to sliding** for connection parts.
- > This kind of strut channel can be connected to different kinds of elements, providing a **wide range of solutions**.
- > Its loops make **fixing easier**.



COD	TYPE	A	B	C	D	E	F	L	P
160600	PF6 MT6	41	61	2,5	21	14	30	50	6000

INDUSTRIAL FIXING SYSTEMS

G-STRUT CHANNELS

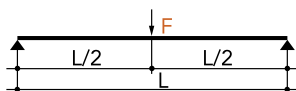


OUTLINE 	THICKNESS mm	WEIGHT kg/mt	SECTION mm ²	Static parameters related to neutral axes						
				Jx cm ⁴	Jy cm ⁴	Wx cm ³	Wy cm ³	A	B	C
PF4	2	1,48	165,20	0,91	4,31	0,82	2,10	30	13	50
PF3	2,5	2,56	308,01	6,96	9,62	3,36	4,68	30	13	50
PF3L	2	2,06	245,10	5,33	7,71	2,58	3,70	30	13	50
PF6	2,5	3,46	424,00	18,57	13,19	5,95	6,43	30	13	50
PF3D	2,5	5,12	616,02	41,49	18,98	10,12	9,25	30	13	50

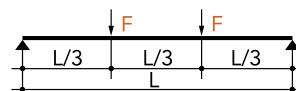
RECOMMENDED LOADS

Material: carbon steel DX 51 D - Axis x-x test - Complete elastic return - Safety load 140 N/mm² (14 Kg./mm²)

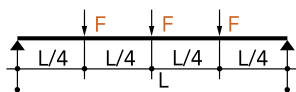
F = concentrated load in daN - Q = uniform load in daN - Maximum deflection L/250



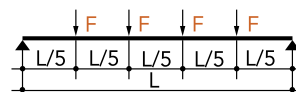
L = mm.	500	1000	1500	2000	2500	3000
PF4	100	40	18	10	6	4
PF3	370	180	120	65	40	30
PF3L	295	145	95	52	30	16
PF6	450	227	160	109	70	48
PF3D	585	292	195	146	117	84



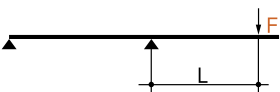
L = mm.	500	1000	1500	2000	2500	3000
PF4	80	23	10	5	3	-
PF3	280	140	70	40	25	15
PF3L	220	110	50	28	16	11
PF6	300	200	110	70	40	20
PF3D	400	250	230	110	60	25



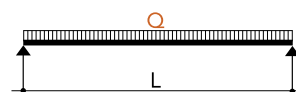
L = mm.	500	1000	1500	2000	2500	3000
PF4	53	16	7	4	2	-
PF3	150	80	50	25	15	10
PF3L	100	50	35	17	10	6
PF6	180	90	55	37	24	16
PF3D	240	130	67	45	31	21



L = mm.	500	1000	1500	2000	2500	3000
PF4	45	13	5	3	-	-
PF3	110	70	40	20	13	9
PF3L	90	45	30	15	8	5
PF6	160	120	51	33	23	14
PF3D	210	190	66	42	30	20

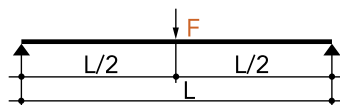


L = mm.	500	1000	1500	2000	2500	3000
PF4	52	15	10	5	3	-
PF3	110	55	30	20	13	5
PF3L	75	25	15	7	5	3
PF6	135	62	35	25	19	7
PF3D	200	90	50	35	25	10



L = mm.	500	1000	1500	2000	2500	3000
PF4	200	65	20	8	4	-
PF3	700	335	131	55	28	15
PF3L	500	180	100	42	20	11
PF6	900	450	220	110	90	45
PF3D	1200	700	370	270	120	80

MAXIMUM SAFETY LOADS ACCORDING TO THE OVERALL LIGHT FOR MAX DEFLECTION $<1/200$ - F (daN)



LIGHT L (mm)										
500	750	1000	1250	1500	1750	2000	2500	3000	3500	4000
Proof stress				Deflection limit						
910	606	455	364	320	285	218	139	97	71	54

Data expressed in daN. 1 daN=1 kg.

MATERIALS TECHNICAL DATA

PF6

Steel DX51D EN 10346 with sendzimir zinc plating

PACKAGING

In bundle

RELATED ITEMS

- > PAP S - Six holes channel base fitting
- > JBR10 - Quick channel connection bolt
- > PF3D - Heavy duty double G-Strut strut channel

DATE 06-2023 REV. 01

The current technical data sheet substitutes and cancels the previous ones. The details provided fit our current knowledge of the product. It cannot lead us to any sort of responsibility or compensation.

Gia S.p.A. reserves the right of changing technical features and molds without notice.

This company is subject to "Ethica Global Investments S.p.A." management.

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