

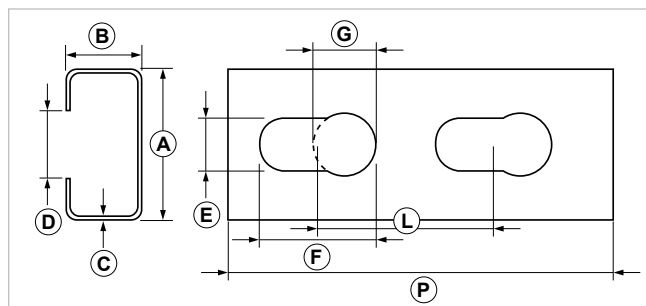
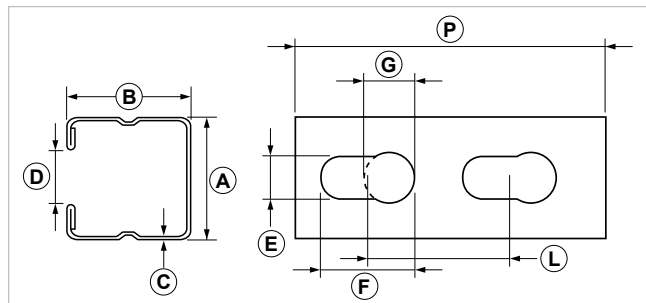
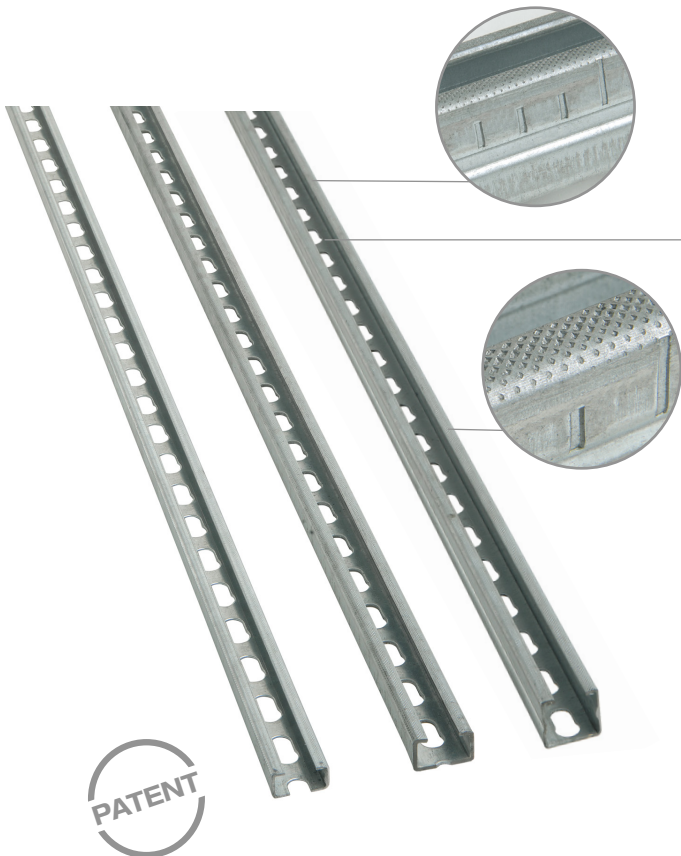
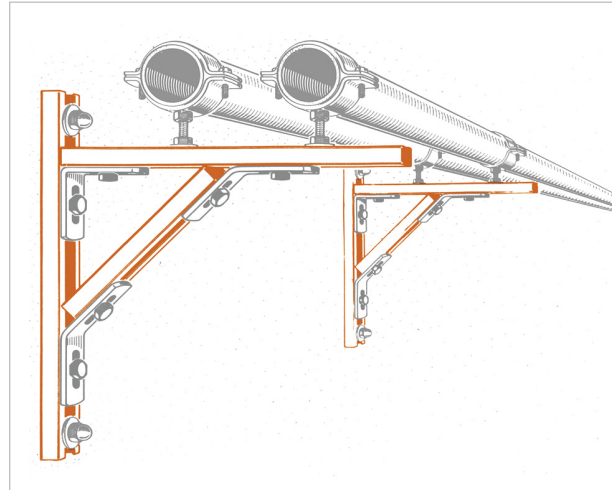
PF - PF1 - PF7 Grip strut channel

APPLICATION

Used to build brackets, crossbeams, load bearing support frames, and for pipe lines bracing.

FEATURES AND BENEFITS

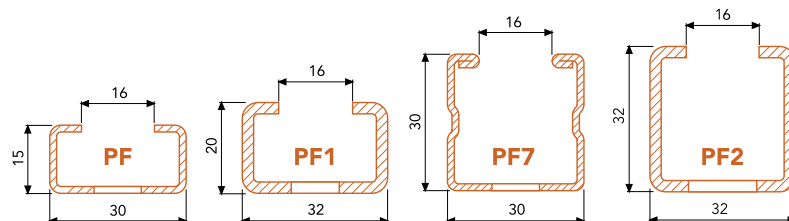
- > The **patented knurling** applied to the rail sides - both inside and outside - **prevents** connection parts from sliding.
- > The strut channel can be connected to different elements as to provide a wide range of solutions.
- > The **shaped holes** make fixing easier.
- > The **grid dimensions** on the rail side simplify cutting and installation.



COD	TYPE	A	B	C	D	E	F	G	L	P
160006	PF GRIP	30	15	1,5	16	10,5	23	12,5	35	2000
160106	PF1 GRIP	32	20	2,5	16	10,5	23	12,5	35	2000
160108	PF 7 GRIP	30	30	1,5	16	10,5	23	12,5	35	2000

GRIP LIGHT DUTY FIXING SYSTEM

GRIP STRUT CHANNELS



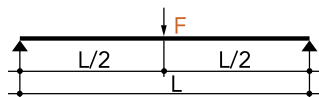
OUTLINE 	THICKNESS mm.	WEIGHT Kg./m.	SECTION cm ²	Static parameters related to neutral axes				Geometric parameters			
				Jx cm ⁴	Jy cm ⁴	Wx cm ³	Wy cm ³	A	B	C	E
PF	1,5	0,69	0,975	0,27	1,34	0,31	0,89	23	10,5	35	12,5
PF1	2,5	1,33	1,854	0,86	2,89	0,76	1,81	23	10,5	35	12,5
PF7	1,5	1,12	1,540	1,71	2,44	1,10	1,63	23	10,5	35	12,5
PF2	2,5	1,79	2,478	2,69	4,17	1,61	2,61	28	15	50	-

RECOMMENDED LOADS

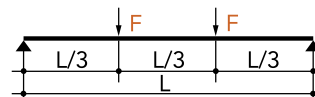
Material: carbon steel DX 51 D - Axis x-x test - Complete elastic return

Safety load 140 N/mm² (14 Kg./mm²)

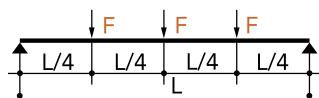
F = concentrated load in daN - Q = uniform load in daN - Maximum deflection L/250



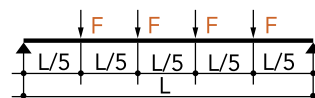
L = mm.	500	1000	1500	2000	2500	3000
PF	35	11	4	-	-	-
PF1	85	34	15	8	-	-
PF7	120	60	30	15	-	-
PF2	175	87	47	25	-	-



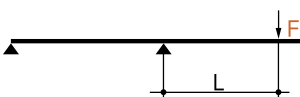
L = mm.	500	1000	1500	2000	2500	3000
PF	25	6	2	-	-	-
PF1	63	20	8	4	-	-
PF7	90	38	15	8	-	-
PF2	132	60	25	14	-	-



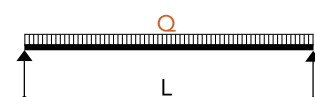
L = mm.	500	1000	1500	2000	2500	3000
PF	16	4	-	-	-	-
PF1	42	13	5	2	-	-
PF7	60	28	10	5	-	-
PF2	85	43	18	8	-	-



L = mm.	500	1000	1500	2000	2500	3000
PF	12	3	-	-	-	-
PF1	35	10	4	-	-	-
PF7	50	20	8	5	-	-
PF2	73	32	15	8	-	-



L = mm.	500	1000	1500	2000	2500	3000
PF	15	8	3	-	-	-
PF1	50	15	8	4	-	-
PF7	65	20	13	5	4	-
PF2	70	25	15	7	5	3



L = mm.	500	1000	1500	2000	2500	3000
PF	64	15	5	2	-	-
PF1	160	53	16	7	-	-
PF7	235	100	32	14	-	-
PF2	340	165	51	21	-	-

MATERIALS TECHNICAL DATA

STRUT CHANNEL

Carbon steel DX51 DZ200 EN 10142 with sendzimir plating

PACKAGING

In bundle

RELATED ITEMS

> Product range of industrial fixing system (strut channels and connections)

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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