



PF2 Medium duty GRIP Strut channel

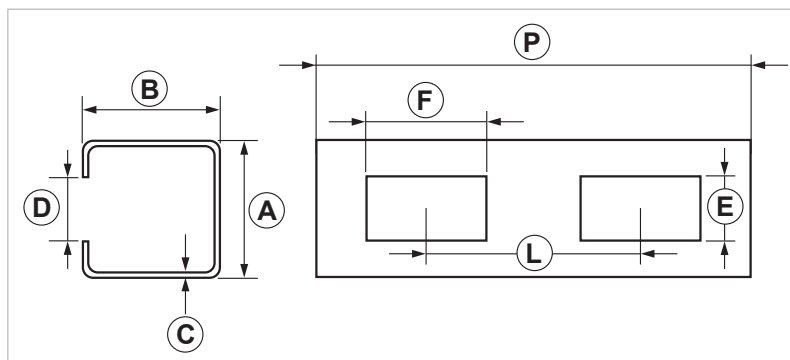
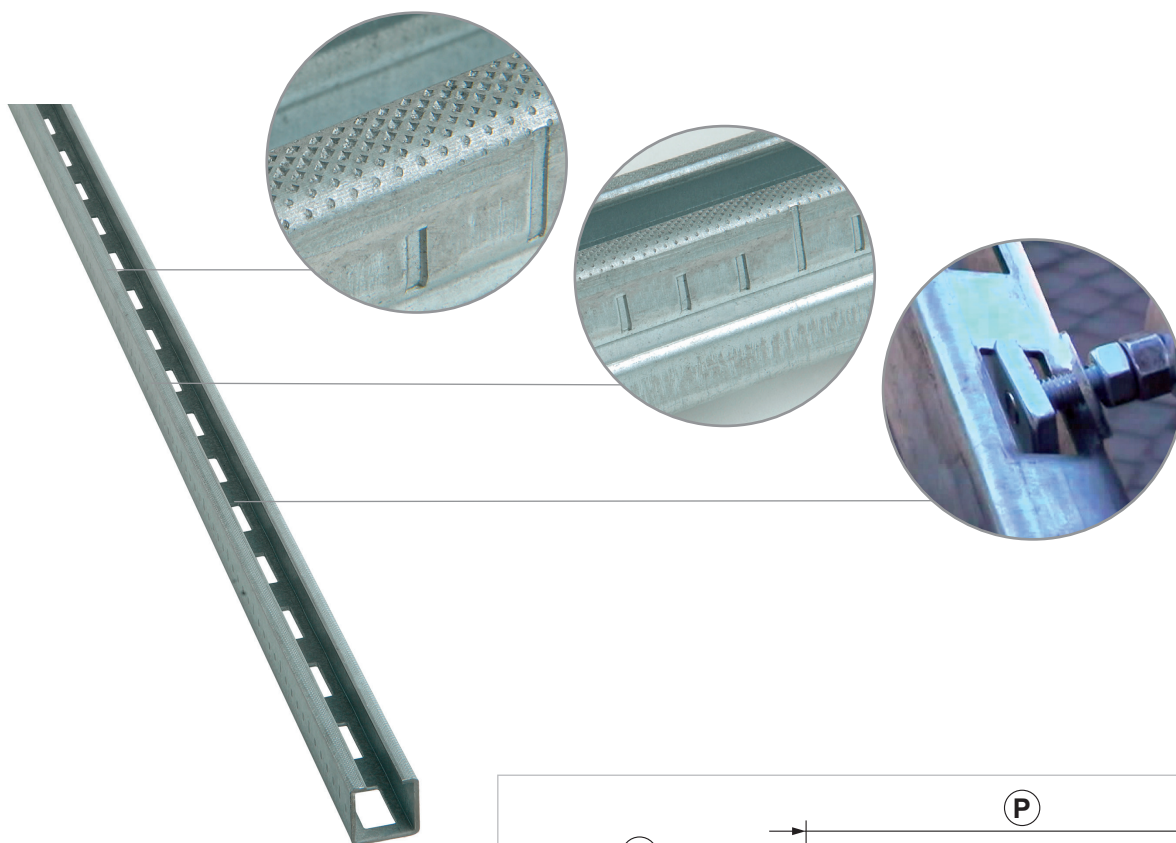
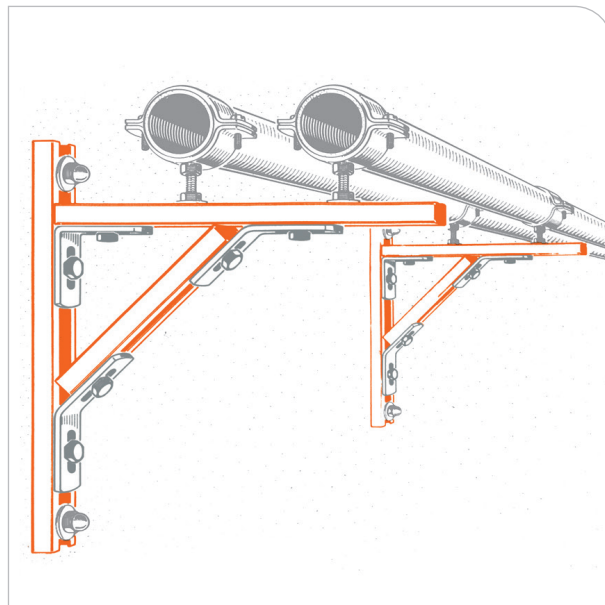


APPLICATION

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	L	P
160200	PF2 GRIP	32	32	2,5	16	15	28	50	2000



MATERIAL TECHNICAL DATA

MATERIAL

Carbon steel DX51 DZ200 EN 10142 with sendzimir zinc plating

OUTLINE 	THICKNESS mm.	WEIGHT Kg./m.	SECTION cm ²	Static parameters related to neutral axes							
				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	-
PF4	2	1,48	1,997	0,91	4,31	0,82	2,10	30	13	50	-
PF3L	2	2,06	2,78	5,33	7,71	2,58	3,70	30	13	50	-
PF3	2,5	2,56	3,405	6,96	9,62	3,36	4,68	30	13	50	-



RECOMMENDED LOADS

Material: carbon steel DX 51 D

Axis x -x test

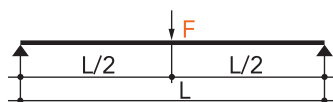
Complete elastic return

Safety load 140 N/mm² (14 Kg./mm²)

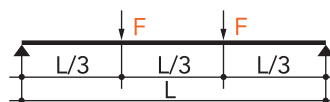
F = concentrated load in daN

Q = uniform load in daN

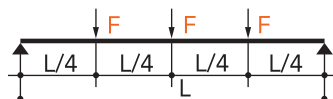
Maximum deflection L/250



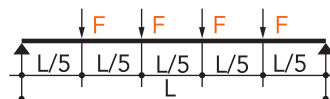
L = mm.	500	1000	1500	2000	2500	3000
PF	35	11	4	-	-	-
PF1	85	34	15	8	-	-
PF7	120	60	30	15	-	-
PF2	140	87	47	25	-	-
PF4	100	40	18	10	6	4
PF3L	180	145	95	52	30	16
PF3	280	180	120	65	40	30



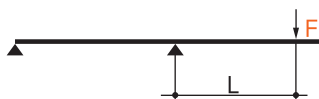
L = mm.	500	1000	1500	2000	2500	3000
PF	25	6	2	-	-	-
PF1	63	20	8	4	-	-
PF7	90	38	15	8	-	-
PF2	120	60	25	14	-	-
PF4	80	23	10	5	3	-
PF3L	130	110	50	28	16	11
PF3	195	140	70	40	25	15



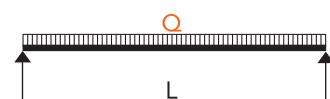
L = mm.	500	1000	1500	2000	2500	3000
PF	16	4	-	-	-	-
PF1	42	13	5	2	-	-
PF7	60	28	10	5	-	-
PF2	85	43	18	8	-	-
PF4	53	16	7	4	2	-
PF3L	100	50	35	17	10	6
PF3	150	90	50	25	15	10



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	-	-
PF4	45	13	5	3	-	-
PF3L	90	45	30	15	8	5
PF3	120	75	40	20	13	9



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
PF4	52	15	10	5	3	-
PF3L	75	25	15	7	5	3
PF3	110	55	30	20	13	5



L = mm.	500	1000	1500	2000	2500	3000
PF	54	15	5	2	-	-
PF1	120	53	16	7	-	-
PF7	150	100	32	14	-	-
PF2	200	165	51	21	-	-
PF4	140	65	20	8	4	-
PF3L	360	180	100	42	20	11
PF3	480	335	131	55	28	15

PACKAGING

In bundle

RELATED ITEMS

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

**DATE 09-2021 REV. 00**

The current technical data sheet substitutes and cancels the previous ones. Information correspond with 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.

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