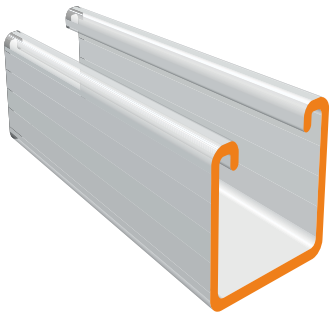
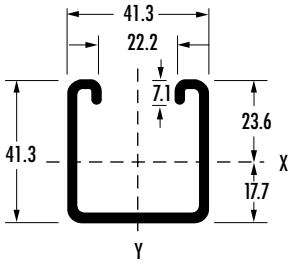
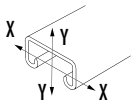
Easyflex™ 414125GPP/GPS

VibraSystems

41x41x2.5 GP Plain



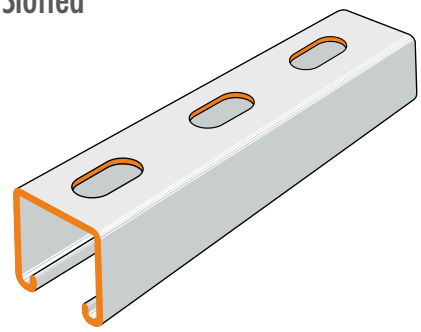


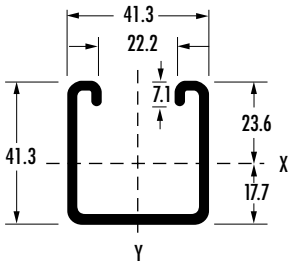


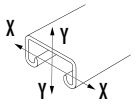
I x-x =	0.069 10^6mm^4
Z x-x =	2.920 10^3mm^3
r x-x =	14.5mm
I y-y =	0.092 10^6mm^4
Z y-y =	4.451 10^3mm^3
r y-y =	16.7mm

L(mm)	SWL(kN)	f	fmax(mm)	F(kN)
250	6.68		0.24	40.96
500	3.34		0.96	33.16
750	2.24		2.17	25.40
1000	1.67		3.85	19.97
1250	1.34		6.00	14.78
1500	1.11		8.66	11.88
1750	0.96		11.78	9.9
2000	0.83		15.39	8.41
2250	0.74		19.47	7.24
2500	0.66		24.03	6.31
2750	0.61		29.08	5.53
3000	0.56		34.62	-

41x41x2.5 GP Slotted



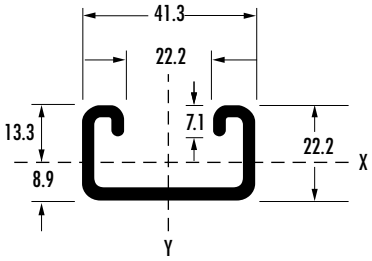


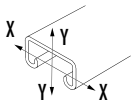


I x-x =	0.059 10^6mm^4
Z x-x =	2.698 10^3mm^3
r x-x =	14.1mm
I y-y =	0.091 10^6mm^4
Z y-y =	4.423 10^3mm3
r y-y =	17.6mm

L(mm)	SWL(kN)	f	fmax(mm)	F(kN)
250	6.01		0.22	36.86
500	3.01		0.86	29.84
750	2.02		1.95	22.86
1000	1.51		3.47	17.37
1250	1.20		5.40	13.30
1500	1.00		7.79	10.69
1750	0.86		10.60	8.91
2000	0.75		13.85	7.57
2250	0.67		17.52	6.52
2500	0.60		21.63	5.68
2750	0.55		26.18	4.98
3000	0.51		31.15	-

41x21x2.5 GP Plain

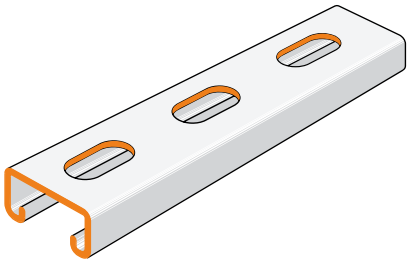


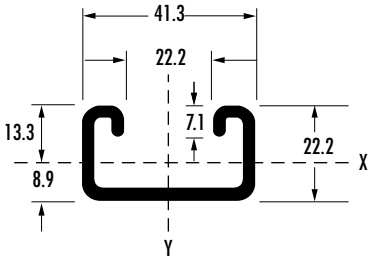


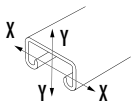
I x-x = 0.013 10^6mm^4
Z x-x = 0.999 10^3mm^3
r x-x = 7.6mm
I y-y = 0.055 10^6mm^4
Z y-y = 2.661 10^3mm^3
r y-y = 15.4mm

L(mm)	SWL(kN)	f	fmax(mm)	F(kN)
250	2.49		0.46	31.39
500	1.24		1.85	24.98
750	0.83		4.17	17.48
1000	0.62		7.41	10.87
1250	0.50		11.58	7.11
1500	0.42		16.68	5.00
1750	0.36		22.69	-
2000	0.31		29.65	-
2250	0.28		37.52	-
2500	0.25		46.32	-
2750	0.23		56.05	-
3000	0.21		66.69	-

41x21x2.5 GP Slotted







I x-x = 0.011 10^6mm^4
Z x-x = 0.912 10^3mm^3
r x-x = 7.5mm
I y-y = 0.054 10^6mm^4
Z y-y = 2.634 10^3mm^3
r y-y = 16.6mm

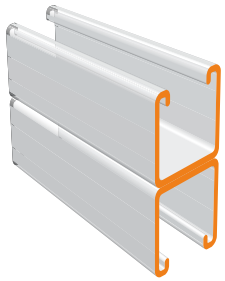
L(mm)	SWL(kN)	f	fmax(mm)	F(kN)
250	2.24		0.42	28.25
500	1.12		1.66	22.48
750	0.75		3.75	15.73
1000	0.56		6.68	9.78
1250	0.45		10.43	6.40
1500	0.38		15.00	4.50
1750	0.32		20.43	-
2000	0.28		26.69	-
2250	0.25		33.77	-
2500	0.23		41.69	-
2750	0.21		50.45	-
3000	0.19		60.03	-

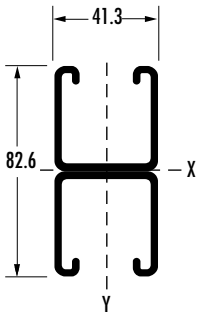
Easyflex™

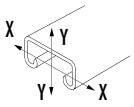
414125BTBGPP/GPS

VibraSystems

41x41x2.5 GP Back to Back Plain



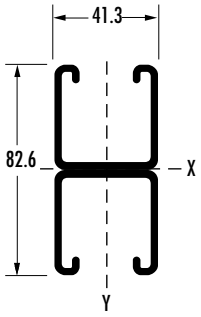




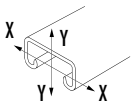
I x-x =	0.318 10^6mm^4
Z x-x =	7.711 10^3mm^3
r x-x =	22.0mm
I y-y =	0.184 10^6mm^4
Z y-y =	8.902 10^3mm^3
r y-y =	16.7mm

L(mm)	SWL(kN)	f	fmax(mm)	F(kN)
250	11.54		0.09	87.94
500	8.81		0.55	84.68
750	5.88		1.24	79.52
1000	4.41		2.20	72.81
1250	3.53		3.44	65.01
1500	2.94		4.95	56.60
1750	2.52		6.74	48.06
2000	2.21		8.81	39.79
2250	1.96		11.14	32.06
2500	1.77		13.76	25.97
2750	1.60		16.65	21.47
3000	1.47		19.82	18.04

41x41x2.5 GP Back to Back Slotted



Mass: 5.18kg/m



I x-x =	0.318 10^6mm^4
Z x-x =	7.711 10^3mm^3
r x-x =	22.0mm
I y-y =	0.184 10^6mm^4
Z y-y =	8.902 10^3mm^3
r y-y =	16.7mm

L(mm)	Fmax(kN)	f	fmax(mm)	F(kN)
250	10.26		0.09	78.17
500	7.83		0.55	75.27
750	5.23		1.24	70.68
1000	3.92		2.20	64.72
1250	3.13		3.44	57.78
1500	2.61		4.95	50.31
1750	2.24		6.74	42.72
2000	1.96		8.81	35.37
2250	1.74		11.14	28.50
2500	1.57		13.76	23.08
2750	1.43		16.65	19.08
3000	1.31		19.82	16.03