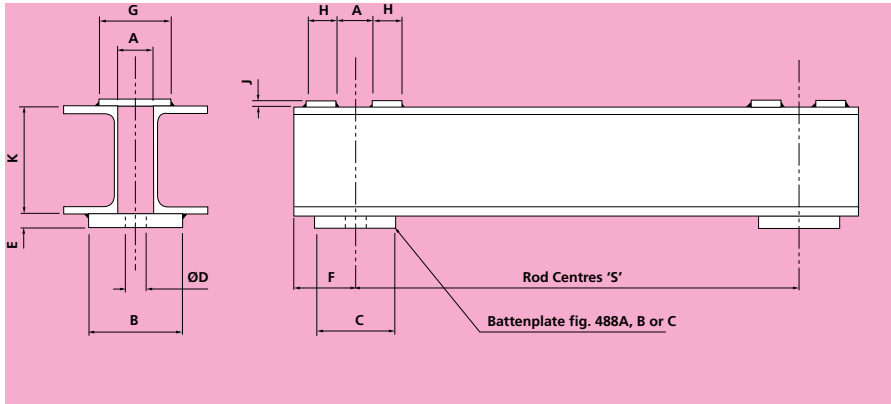


487 SPREADER BEAM & 488 BATTENPLATE



Material: Carbon Steel Order by Part No., Beam Reference and Rod Centres "S"

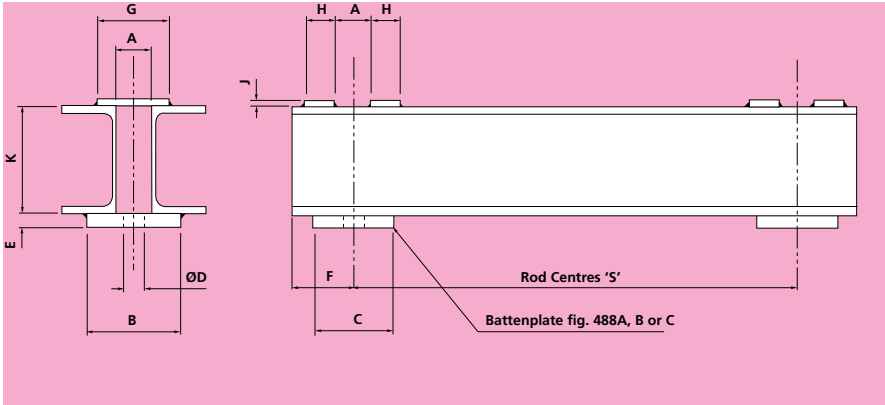
PART No.	ROD DIA	LOAD CAPACITY		LOAD GROUP	Fig. 487A — PFC SPREADER BEAM FOR NO ROD ANGLULATION										WEIGHT EXCLUDING CHANNELS lbs
		lbs	kip		A	B	C	D	E	F	G	H	J		
		F487A_3/8	3/8		1587	1.587	1	0.56	2.37	1.58	0.46	0.24	1.38	2.37	
F487A_1/2	1/2	2336	2.336	2	0.63	2.56	1.97	0.58	0.32	1.38	2.56	0.79	0.24	1.5	
F487A_5/8	5/8	4453	4.453	3	0.79	3.35	2.37	0.71	0.4	1.58	3.35	0.79	0.24	2.4	
F487A_3/4	3/4	6966	6.966	4	0.95	3.35	2.37	0.83	0.4	1.97	3.35	1.19	0.32	3.1	
F487A_1	1	10053	10.053	5	1.11	3.35	3.35	1.08	0.48	2.56	3.35	1.58	0.32	4.9	
F487A_1 1/4	1 1/4	16093	16.093	6	1.42	4.73	3.94	1.33	0.6	3.15	4.73	1.97	0.32	9.5	
F487A_1 1/2	1 1/2	23545	23.545	7	1.66	5.91	3.94	1.58	0.79	3.35	5.91	1.97	0.4	15.7	
F487A_1 3/4	1 3/4	32628	32.628	8	1.89	6.7	4.34	1.83	0.99	3.35	6.7	1.97	0.4	22	
F487A_2	2	42549	42.549	9	2.13	7.09	5.12	1.83	0.99	3.94	7.09	2.37	0.48	29.3	
F487A_2 1/4	2 1/4	58863	58.863	10	2.52	7.88	5.91	2.33	1.19	4.93	7.88	3.15	0.48	44.5	
F487A_2 1/2	2 1/2	79366	79.366	11	2.84	7.88	7.09	2.58	1.38	5.91	7.88	3.94	0.6	64.4	
F487A_3	3	101522	101.522	12	3.15	7.88	7.88	3.08	1.58	6.3	7.88	3.94	0.79	83.1	

PART No.	ROD DIA	LOAD CAPACITY		LOAD GROUP	Fig. 487B — PFC SPREADER BEAM FOR USE WITH FIG. 235 SPHERICAL WASHERS AND MAX 5 DEG. ROD ANGLULATION										WEIGHT EXCLUDING CHANNELS lbs
		lbs	kip		A	B	C	D	E	F	G	H	J		
		F487B_3/8	3/8		1587	1.587	1	1.5	3.55	2.37	0.63	0.4	2.17	3.55	
F487B_1/2	1/2	2336	2.336	2	1.58	3.55	2.37	0.71	0.4	2.37	3.55	1.19	0.24	3.1	
F487B_5/8	5/8	4453	4.453	3	1.89	3.94	3.15	0.87	0.48	2.76	3.94	1.58	0.24	5.1	
F487B_3/4	3/4	6966	6.966	4	2.29	4.34	3.94	1.19	0.6	3.35	4.34	1.97	0.32	8.8	
F487B_1	1	10053	10.053	5	2.68	4.73	3.94	1.3	0.79	3.75	4.73	1.97	0.32	11.7	
F487B_1 1/4	1 1/4	16093	16.093	6	3.31	6.3	4.34	1.7	0.99	3.94	6.3	1.97	0.32	19.6	
F487B_1 1/2	1 1/2	23545	23.545	7	3.86	7.88	5.91	1.89	1.19	5.32	7.88	2.96	0.4	41.4	
F487B_1 3/4	1 3/4	32628	32.628	8	4.73	9.85	7.09	2.21	1.38	5.71	9.85	2.96	0.4	67.5	
F487B_2	2	42549	42.549	9	5.32	10.24	7.88	2.52	1.58	7.09	10.24	3.94	0.48	93.7	
F487B_2 1/4	2 1/4	58863	58.863	10	5.71	10.83	9.85	2.92	1.58	7.29	10.83	3.94	0.48	117.9	
F487B_2 1/2	2 1/2	79366	79.366	11	6.11	11.82	9.85	3.31	1.97	7.68	11.82	3.94	0.6	160.9	
F487B_3	3	101522	101.522	12	6.5	11.82	9.85	3.71	2.37	8.08	11.82	3.94	0.79	197.3	

PART No.	ROD DIA	LOAD CAPACITY		LOAD GROUP	Fig. 487C — PFC SPREADER BEAM FOR USE WITH FIG. 281 FACED ROCKER AND FOR MAX 5 DEG. ROD ANGLULATION										WEIGHT EXCLUDING CHANNELS lbs
		lbs	kip		A	B	C	D	E	F	G	H	J		
		F487C_1/2	1/2		2336	2.336	2	1.58	3.55	3.55	1.5	0.4	2.37	3.55	
F487C_5/8	5/8	4453	4.453	3	1.89	3.94	3.94	1.5	0.6	2.76	3.94	1.58	0.24	6.8	
F487C_3/4	3/4	6966	6.966	4	2.29	4.34	4.34	1.93	0.79	3.35	4.34	1.97	0.32	11.5	
F487C_1	1	10053	10.053	5	2.68	4.73	4.73	1.93	0.79	3.75	4.73	1.97	0.32	13.2	
F487C_1 1/4	1 1/4	16093	16.093	6	3.31	6.3	6.3	2.6	0.99	3.94	6.3	1.97	0.32	26.7	
F487C_1 1/2	1 1/2	23545	23.545	7	3.86	7.88	7.88	2.6	1.19	5.32	7.88	2.96	0.4	51.8	
F487C_1 3/4	1 3/4	32628	32.628	8	4.73	9.85	9.85	2.92	1.38	5.71	9.85	2.96	0.4	88.6	
F487C_2	2	42549	42.549	9	5.32	10.24	10.24	3.23	1.58	7.09	10.24	3.94	0.48	115.1	
F487C_2 1/4	2 1/4	58863	58.863	10	5.71	10.83	10.83	3.67	1.97	7.29	10.83	3.94	0.48	153.7	
F487C_2 1/2	2 1/2	79366	79.366	11	6.11	11.82	11.82	4.1	1.97	7.68	11.82	3.94	0.6	187	

SPREADER BEAM ASSEMBLY INCLUDES TWO BATTENPLATES AS SHOWN
BATTENPLATES CAN ALSO BE ORDER SEPERATELY

487 SPREADER BEAM & 488 BATTENPLATE



Material: Carbon Steel

Order by Part No., Beam Reference and Rod Centres "S"

BEAM REFERENCE	DEPTH K (NOM.) in	WEIGHT PER FOOT FOR TWO CHANNELS (NOM.) lbs
A	2.96	9.54
B	3.94	13.44
C	4.93	18.41
D	5.91	26.34
E	7.88	32.93
F	9.85	45.29
G	11.82	53.89
H	15.36	73.25
J	16.93	86.55

ROD DIA	LOAD CAPACITY		LOAD GROUP	BEAM REFERENCE FOR SPAN S = inches												
	lbs	kip		10	20	30	40	50	60	70	80	90	100	110	120	
3/8	1587	1.587	1							A					B	C
1/2	2336	2.336	2						A						B	C
5/8	4453	4.453	3			A	B		B				C			D
3/4	6966	6.966	4		A				C				D			E
1	10053	10.053	5	A	B			C		D				E		F
1 1/4	16093	16.093	6		B	C		D		E					F	G
1 1/2	23545	23.545	7			C	D		E			F		G		H
1 3/4	32628	32.628	8							F		G				H
2	42549	42.549	9			E		F		G				H		J
2 1/4	58863	58.863	10				F		G					J		
2 1/2	79366	79.366	11					G								
3	101522	101.522	12						H		J					