

## **FS-500 • 13/16"** CHANNEL • 14 Gauge

SECTION	X-X AXIS					Y-Y AXIS						
	WT/FT	ARI		Ix	<b>A</b> -	Sx		Rx	Iy	•	Sy Sy	Ry
P/N	LBS.	SQ.		in <sup>4</sup>		in <sup>3</sup>		in	in <sup>4</sup>		in <sup>3</sup>	in
FS-500	.99	.29		.025		.053		295	.107	,	.132	.607
FS-501	1.98	.58		.023		.144		149	.214		.263	.607
10 001	1.00					nt of Iner			n Modul			s of Gyratio
$X \xrightarrow{15/8}, x \xrightarrow{13/16}, x \xrightarrow{14/16}, x 1$												
FS-500 CHANNEL I		• HC • PV	DT-DIPP C COAT				) • GRI		• STAI			YPE 304 YPE 316
STANDARD	LENG			• 10 FT.				DC				
CHNL			A	LLOW	ABLE	BEAM		DS –	- Span	n Inches	\$	
P/N	C:	24"	30"	36"	42"	48"	60"	72"	84"	96"	108"	120"
FS-500	Stress 1/240	440 420	350 270	290 190	250 140	220 100	180 70	150 50	130 35	110 25	100 20	90 15
FS-501	Stress	1070*	960	800	690	600	480	400	340	300	270	240
	1/240	***	***	***	640	490	310	220	160	120	100	80
		<ol> <li>Lower line</li> <li>Multiply v</li> <li>* Load lim</li> <li>For punch</li> <li>*** Load c</li> </ol>	e is MAXIMU e shows TOT alues in uppo nited by spot ned channel, controlled by	JM ALLOWAE FAL UNIFORM er line by 0.5 to weld shear. reduce weld lir 25,000 PSI de	I LOAD whic o obtain ALL nited loads by esign stress.	h produces a d OWABLE CEM y 0.75 due to 4	effection of 1 TER CONCH " weld spacin	/240th of th ENTRATED 1 g.	e SPAN, (i.e.; LOAD at 25,0	1/2" Def. fc 00 PSI Stre	or 120" Span ss. Deflectior	ı by 0.8.
CHNL		ALLO	WAB	LE CO	LUMN	LUAL	- 8	Unsupp	oorted He	ight of (	Column i	in Inches
P/N		24"	30"	36"	42"	48"	60"	72"	84"	96"	108"	120"
FS-500		4,855	4,325	3,685	3,055	2,455	1,570	1,090	****	****	****	****
FS-501		11,230	10,610	9,895	9,115	8,290	6,600	4,995	3,675	2,815	2,225 ***** = K	***** L/R>200
		section cer		allowable axia applied at the y.			length fac		MN LOADS sl standard engir nditions.		sed upon an	effective