Mid-States Concrete Industries

flexicore

6"X24" HOLLOWCORE

(2 HOUR FIRE RATING)

1-800-236-1072
www.msprecast.com

Certified Plant

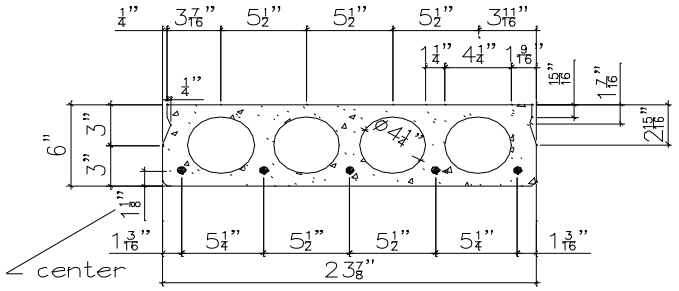
SAFE LOAD TABLE

Standard Designation	#/Size of 7 Wire strand	Strand Area Sq.In.	Mu in Ft.-Kips per unit	SIMPLE SPAN IN FEET-CENTER TO CENTER OF END BEARINGS																														
				10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1.0-2627	2-3/8,2-7/16	0.376	29.42	301	241	195	160	132	109	90	75	62	51	41	33	26	20																	
1.0-46	4-3/8	0.320	25.63	251	200	161	130	106	87	71	57	46	37	29	22																			
1.0-45	4-5/16	0.232	19.27	172	134	105	83	65	51	40	30	22																						

UNIFORMLY DISTRIBUTED SUPERIMPOSED LOAD IN LBS. PER SQ. FT.

(Includes the live load plus dead load that is in addition to the weight of the grouted slabs in place)

FOR LOADS & SPANS NOT SHOWN CONTACT MID-STATES CONCRETE INDUSTRIES at 1-800-236-1072



HOLLOWCORE-f'c=5000psi, Wt=45psf
GROUT-f'c=5000psi

1- Dead Load, 45 psf grouted weight of structural unit.

2- Tabulated loads are based on ACI318-02 where M_u=1.4 M_d+1.7M_L and with all loads superimposed on the structural section considered as live load.

3- Camber is a result of the design rather than a design requirement. Heavy superimposed loads & / or long spans may cause excessive camber. Contact Mid-States Concrete Industries for more specific camber information.

8.8.2006