

NACM WELDLESS CHAIN SPECIFICATIONS


TABLE IV DOUBLE JACK CHAIN														
TRADE SIZE	MATERIAL SIZE		NOMINAL INSIDE LENGTH (P)		APPROX. WGT. per 100 ft. (30.5 m)		WORKING LOAD LIMIT				MINIMUM BREAKING FORCE			
							Steel		Brass		Steel		Brass	
	in	mm	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kN	lbs	kN
16	0.062	1.6	0.34	8.6	4.0	2	11	5	8	4	45	0.2	30	0.1

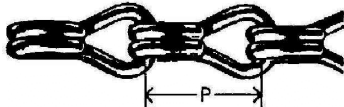
TABLE V REGISTER CHAIN														
TRADE SIZE	MATERIAL SIZE		NOMINAL INSIDE LENGTH (P)		APPROX. WGT. per 100 ft. (30.5 m)		WORKING LOAD LIMIT				MINIMUM BREAKING FORCE			
							Steel		Brass		Steel		Brass	
	in	mm	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kN	lbs	kN
18	0.047	1.2	0.39	9.9	2.7	1	9	4	5	2	35	0.2	20	0.1
12	0.105	2.7	0.80	20.3	15.0	7	50	23	35	16	200	0.9	140	0.6
10	0.135	3.4	1.02	25.9	19.0	9	83	38	58	26	330	1.5	230	1.0


TABLE VI SASH CHAIN														
TRADE SIZE	MATERIAL SIZE		NOMINAL INSIDE LENGTH (P)		APPROX. WGT. per 100 ft. (30.5 m)		WORKING LOAD LIMIT				MINIMUM BREAKING FORCE			
							Steel		Brass and Bronze		Steel		Brass and Bronze	
	in	mm	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kN	lbs	kN
8	0.035	0.9	0.56	14.1	3.9	2	75	34	68	31	300	1.3	270	1.2
25	0.042	1.1	0.56	14.1	4.9	2	94	43	80	36	375	1.7	320	1.4
30	0.028	0.7	0.57	14.4	4.9	2	81	37	75	34	325	1.4	300	1.3
35	0.035	0.9	0.57	14.4	5.7	3	106	48	100	45	425	1.9	400	1.8
40	0.042	1.1	0.57	14.4	7.0	3	131	59	125	57	525	2.3	500	2.2
45	0.050	1.3	0.57	14.4	8.7	4	175	79	163	74	700	3.1	650	2.9
50	0.060	1.5	0.65	15.1	12.0	5	225	102	210	95	900	4.0	840	3.7
60	0.062	1.6	0.76	19.3	15.0	7	231	105	225	102	925	4.1	900	4.0
65	0.072	1.8	0.88	22.2	19.0	9	319	145	300	136	1275	5.7	1200	5.3


TABLE VII PLUMBERS' CHAIN														
TRADE SIZE	MATERIAL SIZE		MAXIMUM INSIDE LENGTH (P)		APPROX. WGT. per 100 ft. (30.5 m)		WORKING LOAD LIMIT				MINIMUM BREAKING FORCE			
							Steel		Brass		Steel		Brass	
	in	mm	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kN	lbs	kN
2/0	0.018	0.5	0.60	15.3	1.4	1	31	14	23	10	125	0.5	90	0.4
1/0	0.023	0.6	0.60	15.3	2.0	1	40	18	35	16	160	0.7	140	0.6
1	0.028	0.7	0.70	17.8	3.3	2	58	26	45	20	230	1.0	180	0.8

TABLE VIII
Minimum Allowable Thickness Measurement at Any Location on the Chain

Type of Chain	Trade Size	Nominal Material Diameter		Minimum Allowable Thickness on Link	
	in	in	mm	in	mm
Double Loop And Single Loop	1/0	.120	3.0	.104	2.64
	2/0	.135	3.4	.117	2.97
	3/0	.148	3.8	.128	3.25
	4/0	.162	4.1	.140	3.55
	5/0	.177	4.5	.153	3.88
	6/0	.192	4.9	.166	4.21
	8/0	.225	5.7	.195	4.95
Single Jack And Register	10	.135	3.4	.117	2.97
	8	.162	4.1	.140	3.55
	6	.192	4.9	.166	4.21

! Warning: Remove chain from service if the thickness is less than the minimum shown in Table VIII at any location on the link.