




TABLE RC 1-11
MECHANICAL SPLICE
IWRC

VERTICAL, CHOKER OR VERTICAL BASKET

RATED CAPACITY IN TONS OF 2,000 lbs.
 RATED CAPACITIES SHOWN APPLY ONLY TO 6X19 AND 6X36 CLASSIFICATION WIRE ROPE

ROPE DIAMETER (INCHES)	VERTICAL 			CHOKER 			VERTICAL BASKET 		
	IPS	EIPS	EEIPS	IPS	EIPS	EEIPS	IPS	EIPS	EEIPS
1/4	0.56	0.65	0.71	0.41	0.48	0.52	1.1	1.3	1.4
5/16	0.87	1.0	1.1	0.64	0.74	0.81	1.7	2.0	2.2
3/8	1.2	1.4	1.6	0.92	1.1	1.2	2.5	2.9	3.2
7/16	1.7	1.9	2.1	1.2	1.4	1.6	3.4	3.9	4.3
1/2	2.2	2.5	2.8	1.6	1.9	2.0	4.4	5.1	5.5
9/16	2.8	3.2	3.5	2.0	2.4	2.6	5.5	6.4	7.0
5/8	3.4	3.9	4.3	2.5	2.9	3.2	6.8	7.8	8.6
3/4	4.9	5.6	6.2	3.6	4.1	4.5	9.7	11	12
7/8	6.6	7.6	8.3	4.8	5.6	6.1	13	15	17
1	8.5	9.8	11	6.3	7.2	8.0	17	20	22
1 1/8	10	12		7.9	9.1		21	24	
1 1/4	13	15		10	11		26	30	
1 3/8	15	18		12	13		31	36	
1 1/2	18	21		14	16		37	42	
1 5/8	21	24		16	18		43	49	
1 3/4	25	28		19	21		49	57	
1 7/8	28	32		21	24		56	64	
2	32	37		24	28		64	73	
2 1/8	35	40		27	31		69	80	
2 1/4	39	44		30	35		77	89	
2 3/8	43	49		33	38		86	99	
2 1/2	47	54		37	42		94	109	
2 5/8	52	60		40	46		104	119	
2 3/4	57	65		44	51		113	130	
2 7/8	61	71		48	55		123	141	
3	67	77		52	60		133	153	
3 1/8	72	82		56	64		144	165	
3 1/4	77	89		60	69		154	177	
3 3/8	83	95		64	74		165	190	
3 1/2	88	102		69	79		177	203	

RATED CAPACITIES BASKET HITCH BASED ON D/d RATIO OF 25
RATED CAPACITIES BASED ON PIN DIAMETER NO LARGER THAN NATURAL EYE WIDTH
OR LESS THAN THE NOMINAL SLING DIAMETER
RATED CAPACITIES BASED ON DESIGN FACTOR OF 5
HORIZONTAL SLING ANGLES LESS THAN 30 DEGREES SHALL NOT BE USED