

TABLE RC 1-13
MECHANICAL SPLICE
IWRC

3-LEG BRIDLE

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

ROPE DIA. (IN)	VERTICAL			60°			45°			30°		
	IPS	EIPS	EEIPS	IPS	EIPS	EEIPS	IPS	EIPS	EEIPS	IPS	EIPS	EEIPS
1/4	1.7	1.9	2.1	1.5	1.7	1.8	1.2	1.4	1.5	0.84	0.97	1.1
5/16	2.6	3.0	3.3	2.3	2.6	2.9	1.8	2.1	2.3	1.3	1.5	1.7
3/8	3.7	4.3	4.7	3.2	3.7	4.1	2.6	3.0	3.3	1.9	2.2	2.4
7/16	5.1	5.8	6.4	4.4	5.0	5.5	3.6	4.1	4.5	2.5	2.9	3.2
1/2	6.6	7.6	8.3	5.7	6.6	7.2	4.6	5.4	5.9	3.3	3.8	4.2
9/16	8.3	9.6	11	7.2	8.3	9.1	5.8	6.8	7.5	4.1	4.8	5.3
5/8	10	12	13	8.8	10	11	7.2	8.3	9.1	5.1	5.9	6.5
3/4	15	17	18	13	15	16	10	12	13	7.3	8.4	9.2
7/8	20	23	25	17	20	22	14	16	18	9.9	11	12
1	26	29	32	22	26	28	18	21	23	13	15	16
1 1/8	31	36		27	31		22	26		16	18	
1 1/4	39	44		33	38		27	31		19	22	
1 3/8	46	53		40	46		33	38		23	27	
1 1/2	55	63		48	55		39	45		27	32	
1 5/8	64	73		55	63		45	52		32	37	
1 3/4	74	85		64	74		52	60		37	42	
1 7/8	84	97		73	84		60	68		42	48	
2	95	110		83	95		68	78		48	55	
2 1/8	104	119		90	103		73	84		52	60	
2 1/4	116	133		101	116		82	94		58	67	
2 3/8	129	148		112	128		91	105		65	74	
2 1/2	141	163		123	141		100	115		71	82	
2 5/8	156	179		135	155		110	126		78	89	
2 3/4	170	195		147	169		120	138		85	97	
2 7/8	184	212		159	183		130	150		92	106	
3	200	230		173	199		141	162		100	115	
3 1/8	215	247		187	214		152	175		108	124	
3 1/4	232	266		201	230		164	188		116	133	
3 3/8	248	286		215	247		175	202		124	143	
3 1/2	265	305		230	264		187	215		133	152	

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