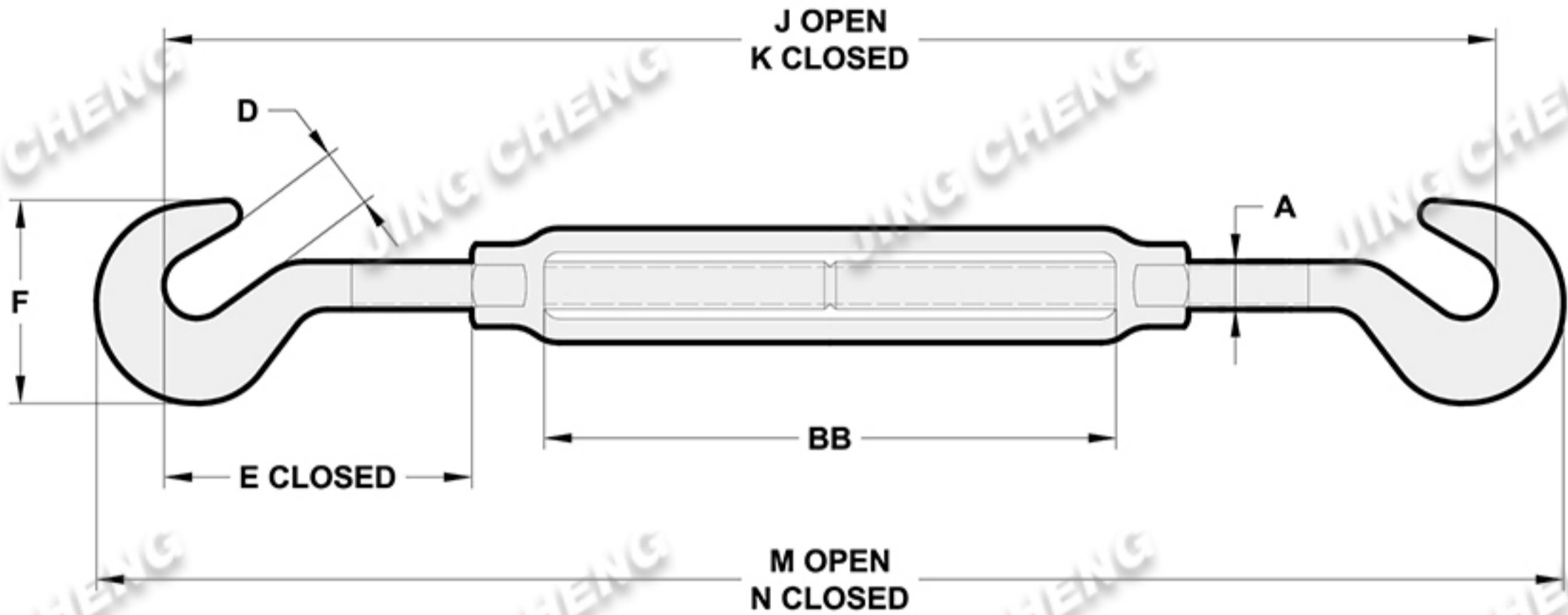
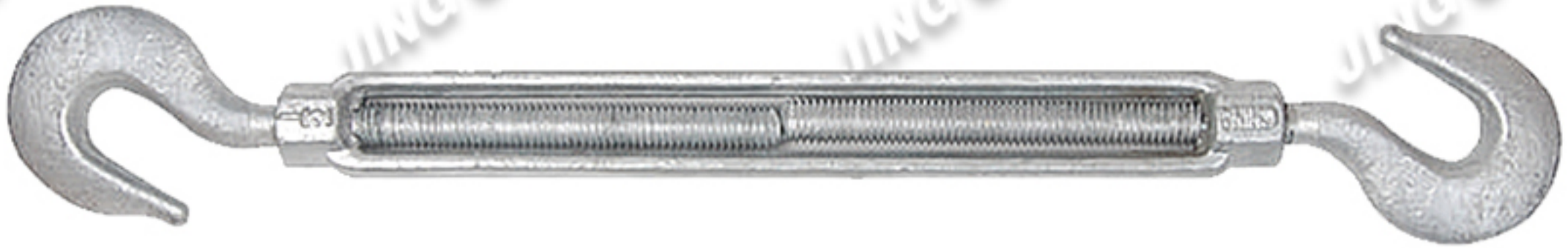


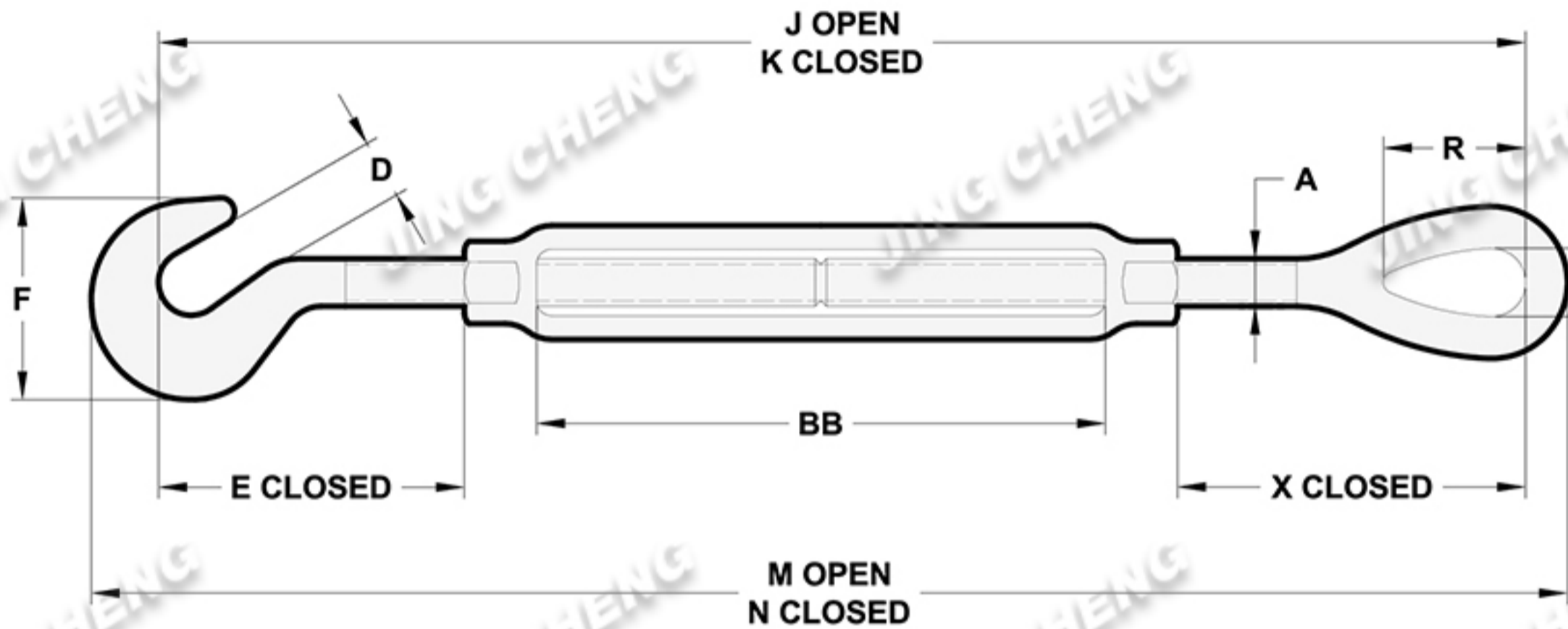
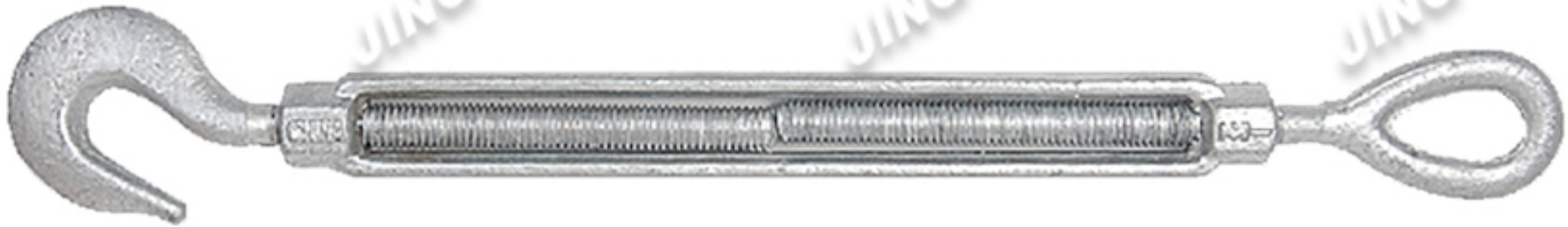
US TYPE FORGED TURNBUCKLE WITH HOOK & HOOK



- Meet Performance requirements of US Fed. Spec. FF-T-791b, Type 1, Form 1, Class 5 and ASTM F-1145
- Material: Carbon 1045 Steel
- Ultimate Load at 5 Times the Working Load Limit
- Finish: Hot Dip Galvanized according to ASTM A153
- Packing available with Carton Box or Gunny Bag

Item No.	Thread Dia. & Take Up (in)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in)								
				A	D	E Closed	F	J Open	K Closed	M Open	N Closed	BB
JCW001	1/4 x 4	400	0.3	0.25	0.45	1.59	1.27	11.12	7.12	11.94	7.94	4
JCW002	5/16 x 4-1/2	700	0.47	0.31	0.50	1.94	1.5	12.81	8.31	13.81	9.31	4.5
JCW003	3/8 x 6	1000	0.78	0.38	0.56	2.3	1.77	16.5	10.5	17.72	11.72	6
JCW004	1/2 x 6	1500	1.6	0.50	0.65	2.94	2.28	18.82	11.82	20.38	13.38	6
JCW005	1/2 x 12	1500	2.28	0.50	0.65	2.94	2.28	30.82	17.82	32.38	19.38	12
JCW006	5/8 x 6	2250	2.75	0.63	0.90	3.69	2.81	20.5	13.25	22.5	15.25	6
JCW007	5/8 x 12	2250	3.5	0.63	0.90	3.69	2.81	32.5	19.25	34.5	21.25	12
JCW008	3/4 x 6	3000	3.89	0.75	0.98	4.52	3.33	22.38	14.88	24.78	17.28	6
JCW009	3/4 x 12	3000	5.43	0.75	0.98	4.52	3.33	34.38	20.88	36.78	23.28	12
JCW010	3/4 x 18	3000	8.12	0.75	0.98	4.52	3.33	46.38	26.88	48.78	29.28	18
JCW011	7/8 x 12	4000	8.1	0.88	1.13	5.19	3.78	36	22.25	38.75	25.00	12
JCW012	1 x 12	5000	11.93	1.00	1.25	5.84	4.25	37.63	23.63	40.69	26.69	12
JCW013	1 x 18	5000	14	1.00	1.25	5.84	4.25	49.63	29.63	52.69	32.69	18
JCW014	1 x 24	5000	17.25	1.00	1.25	5.84	4.25	61.63	35.63	64.69	38.69	24
JCW015	1 -1/4 x 12	6500	20.58	1.25	1.50	7.22	5.13	40.44	25.94	44.06	29.56	12
JCW016	1 -1/4 x 18	6500	23	1.25	1.50	7.22	5.13	52.44	31.94	56.06	35.56	18
JCW017	1 -1/4 x 24	6500	27	1.25	1.50	7.22	5.13	64.44	37.94	68.06	41.56	24
JCW018	1 -1/2 x 12	7500	27.5	1.5	1.88	8.34	5.75	43.94	28.94	47.44	32.44	12
JCW019	1 -1/2 x 18	7500	31	1.5	1.88	8.34	5.75	55.96	34.94	59.44	38.44	18
JCW020	1 -1/2 x 24	7500	37.5	1.5	1.88	8.34	5.75	67.94	40.94	71.44	44.44	24

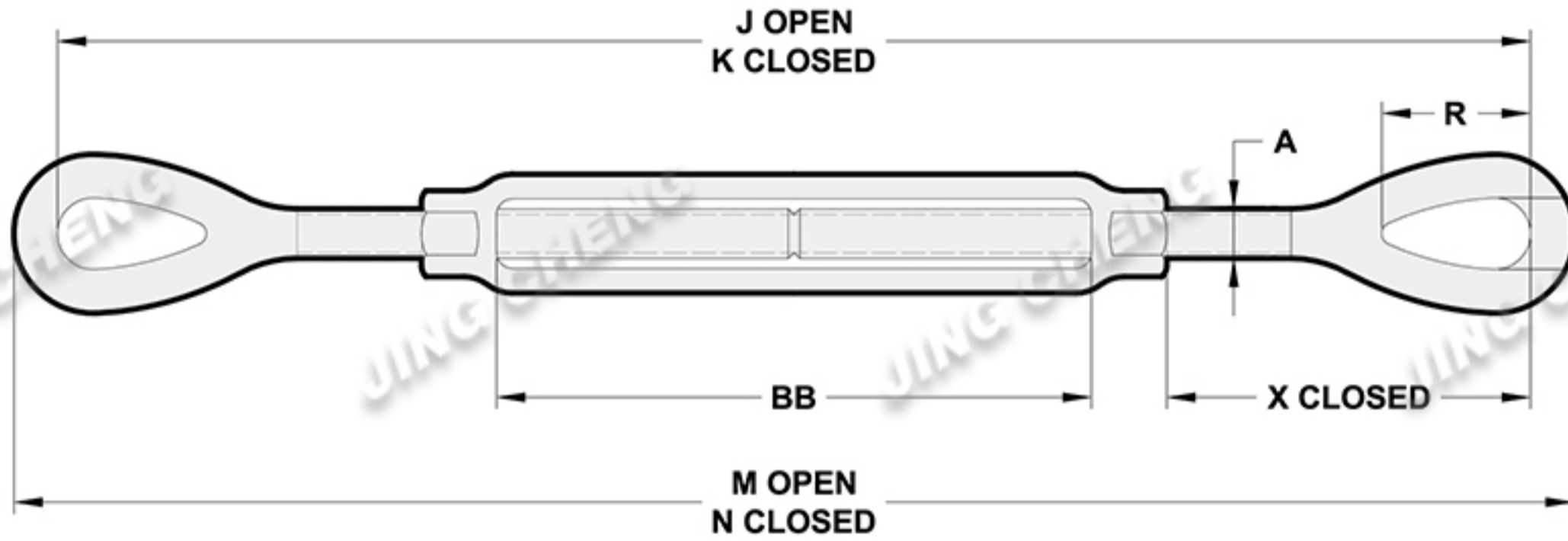
US TYPE FORGED TURNBUCKLE WITH HOOK & EYE



- Meet Performance requirements of US Fed. Spec. FF-T-791b, Type 1, Form 1, Class 5 and ASTM F-1145
- Material: Carbon 1045 Steel
- Ultimate Load at 5 Times the Working Load Limit
- Finish: Hot Dip Galvanized according to ASTM A153
- Packing available with Carton Box or Gunny Bag

Item No.	Thread Dia. & Take Up (in)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in)											
				A	D	E Closed	F	J Open	K Closed	M Open	N Closed	R	S	X Closed	BB
JCW021	1/4 x 4	400	0.29	0.25	0.45	1.59	1.27	11.46	7.46	12.09	8.09	0.78	0.34	1.75	4
JCW022	5/16 x 4-1/2	700	0.49	0.31	0.50	1.94	1.5	13.19	8.69	13.47	9.47	0.94	0.44	2.09	4.5
JCW023	3/8 x 6	1000	0.78	0.38	0.56	2.3	1.77	16.98	10.98	17.94	11.94	1.12	0.53	2.52	6
JCW024	1/2 x 6	1500	1.61	0.50	0.65	2.94	2.28	19.45	12.45	20.67	13.67	1.44	0.72	3.23	6
JCW025	1/2 x 12	1500	2.26	0.50	0.65	2.94	2.28	31.45	18.45	32.67	19.67	1.44	0.72	3.23	12
JCW026	5/8 x 6	2250	2.70	0.63	0.90	3.69	2.81	21.96	13.96	22.72	15.47	1.75	0.88	3.9	6
JCW027	5/8 x 12	2250	3.78	0.63	0.90	3.69	2.81	33.21	19.96	34.72	21.47	1.75	0.88	3.9	12
JCW028	3/4 x 6	3000	3.89	0.75	0.98	4.52	3.33	23.13	15.63	24.95	17.45	2.09	1	4.69	6
JCW028	3/4 x 12	3000	5.83	0.75	0.98	4.52	3.33	35.13	21.63	36.95	23.45	2.09	1	4.69	12
JCW029	3/4 x 18	3000	6.33	0.75	0.98	4.52	3.33	47.13	27.63	48.95	29.45	2.09	1	4.69	18
JCW030	7/8 x 12	4000	8.1	0.88	1.13	5.19	3.78	36.53	22.78	38.66	24.91	2.38	1.25	5.1	12
JCW031	1 x 12	5000	11.93	1.00	1.25	5.84	4.25	38.8	24.8	41.2	27.2	3	1.44	6.36	12
JCW032	1 x 18	5000	14	1.00	1.25	5.84	4.25	50.8	30.8	53.2	33.2	3	1.44	6.36	18
JCW033	1 x 24	5000	17.25	1.00	1.25	5.84	4.25	62.8	36.8	65.2	39.2	3	1.44	6.36	24
JCW034	1 -1/4 x 12	6500	19	1.25	1.50	7.22	5.13	41.63	27.13	44.56	30.06	3.56	1.81	7.72	12
JCW035	1 -1/4 x 18	6500	23	1.25	1.50	7.22	5.13	53.63	33.13	56.56	36.06	3.56	1.81	7.72	18
JCW036	1 -1/4 x 24	6500	24	1.25	1.50	7.22	5.13	65.63	39.13	68.56	42.06	3.56	1.81	7.72	24
JCW037	1 -1/2 x 12	7500	27.5	1.5	1.88	8.34	5.75	44.72	29.72	47.72	32.72	4.06	2.12	8.62	12
JCW038	1 -1/2 x 18	7500	31	1.5	1.88	8.34	5.75	59.72	35.72	59.72	38.72	4.06	2.12	8.62	18
JCW039	1 -1/2 x 24	7500	37.5	1.5	1.88	8.34	5.75	71.72	41.72	71.72	44.72	4.06	2.12	8.62	24

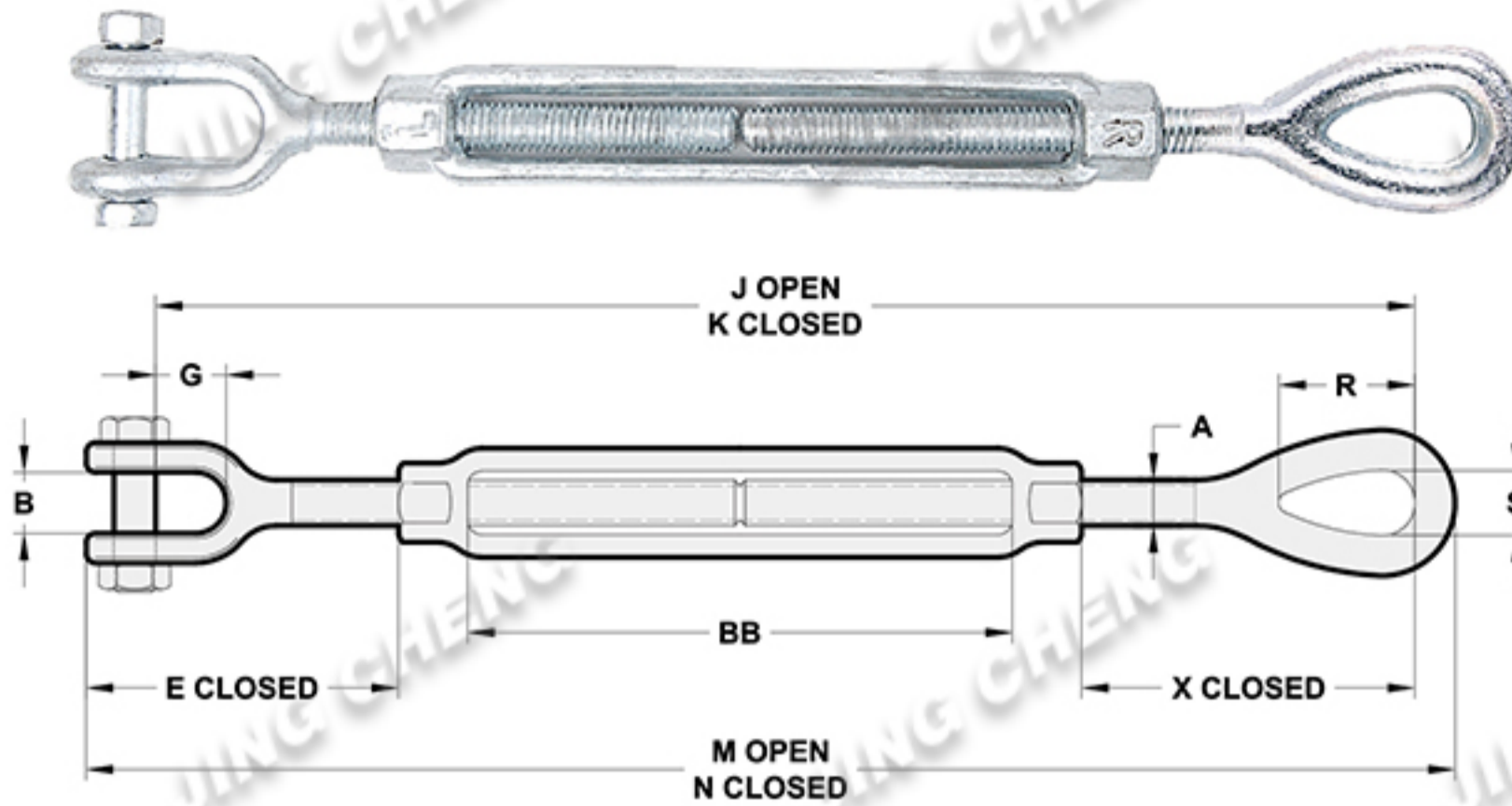
US TYPE FORGED TURNBUCKLE WITH EYE & EYE



- Meet Performance requirements of US Fed. Spec. FF-T-791b, Type 1, Form 1, Class 5 and ASTM F-1145
- Material: Carbon 1045 Steel
- Ultimate Load at 5 Times the Working Load Limit
- Finish: Hot Dip Galvanized according to ASTM A153
- Packing available with Carton Box or Gunny Bag

Item No.	Thread Dia. & Take Up (in)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in)								
				A	J Open	K Closed	M Open	N Closed	R	S	X Closed	BB
JCW040	1/4 x 4	500	0.29	0.25	11.94	7.94	12.38	8.38	0.81	0.34	1.76	4.07
JCW041	5/16 x 4-1/2	800	0.48	0.31	13.92	9.42	14.48	9.98	0.95	0.44	2.20	4.58
JCW042	3/8 x 6	1200	0.75	0.38	17.56	11.56	18.24	12.24	1.13	0.53	2.48	6.10
JCW043	1/2 x 6	2200	1.72	0.50	19.94	13.94	20.82	14.82	1.41	0.71	3.56	6.03
JCW044	1/2 x 12	2200	2.63	0.50	32.23	20.23	33.11	21.11	1.41	0.71	3.54	12.36
JCW045	5/8 x 6	3500	2.75	0.63	21.72	15.72	22.72	16.72	1.80	0.88	4.35	6.03
JCW046	5/8 x 12	3500	4.12	0.63	34.06	22.06	35.06	23.06	1.80	0.88	4.34	12.39
JCW047	3/4 x 6	5200	4.22	0.75	23.24	17.24	24.50	18.50	2.09	1.00	5.12	6.13
JCW048	3/4 x 12	3500	6.12	0.75	35.64	23.64	36.90	24.90	2.09	1.00	5.09	12.59
JCW049	3/4 x 18	3500	7.83	0.75	47.64	29.64	48.90	30.90	2.09	1.00	5.12	18.53
JCW050	7/8 x 12	7200	8.83	0.88	36.70	24.70	38.20	26.20	2.38	1.25	5.79	12.16
JCW051	7/8 x 18	7200	11.5	0.88	49.17	31.17	50.67	32.67	2.38	1.25	5.79	18.63
JCW052	1 x 6	10000	9.62	1.00	26.24	20.24	28.00	22.00	3.00	1.43	6.50	6.18
JCW053	1 x 12	10000	13.0	1.00	38.24	26.24	40.00	28.00	3.00	1.43	6.50	12.18
JCW054	1 x 18	10000	16.3	1.00	50.24	32.24	52.00	34.00	3.00	1.43	6.50	18.18
JCW055	1 x 24	10000	20.2	1.00	62.84	38.84	64.60	40.60	3.00	1.43	6.47	24.84
JCW056	1-1/4 x 12	15200	19.9	1.25	42.14	30.14	44.38	32.38	3.59	1.82	8.49	12.06
JCW057	1-1/4 x 18	15200	23.8	1.25	54.14	36.14	56.38	38.38	3.59	1.82	8.49	18.06
JCW058	1-1/4 x 24	15200	27.8	1.25	66.70	42.70	68.94	44.94	3.59	1.82	8.49	24.62
JCW059	1-1/2 x 12	21400	28.7	1.50	44.24	32.24	46.74	34.74	4.09	2.12	9.46	12.32
JCW060	1-1/2 x 18	21400	34.1	1.50	56.24	38.24	58.74	40.74	4.09	2.12	9.46	18.32
JCW061	1-1/2 x 24	21400	39.6	1.50	68.86	44.86	71.36	47.36	4.65	2.12	9.46	24.94
JCW062	1-3/4 x 18	28000	58.2	1.75	57.38	39.38	60.38	42.38	4.65	2.38	9.97	18.37
JCW063	1-3/4 x 24	28000	174	1.75	69.38	45.38	72.38	48.38	4.65	2.38	9.97	24.37
JCW064	2 x 24	37000	83.5	2.00	75.68	51.68	79.18	55.18	5.81	2.69	13.03	24.48
JCW065	2-1/2 x 24	60000	149	2.50	79.18	55.18	83.18	59.18	6.49	3.12	13.76	24.60
JCW066	2-3/4 x 24	75000	194	2.75	81.34	57.34	85.84	61.84	7.00	3.25	15.09	24.65

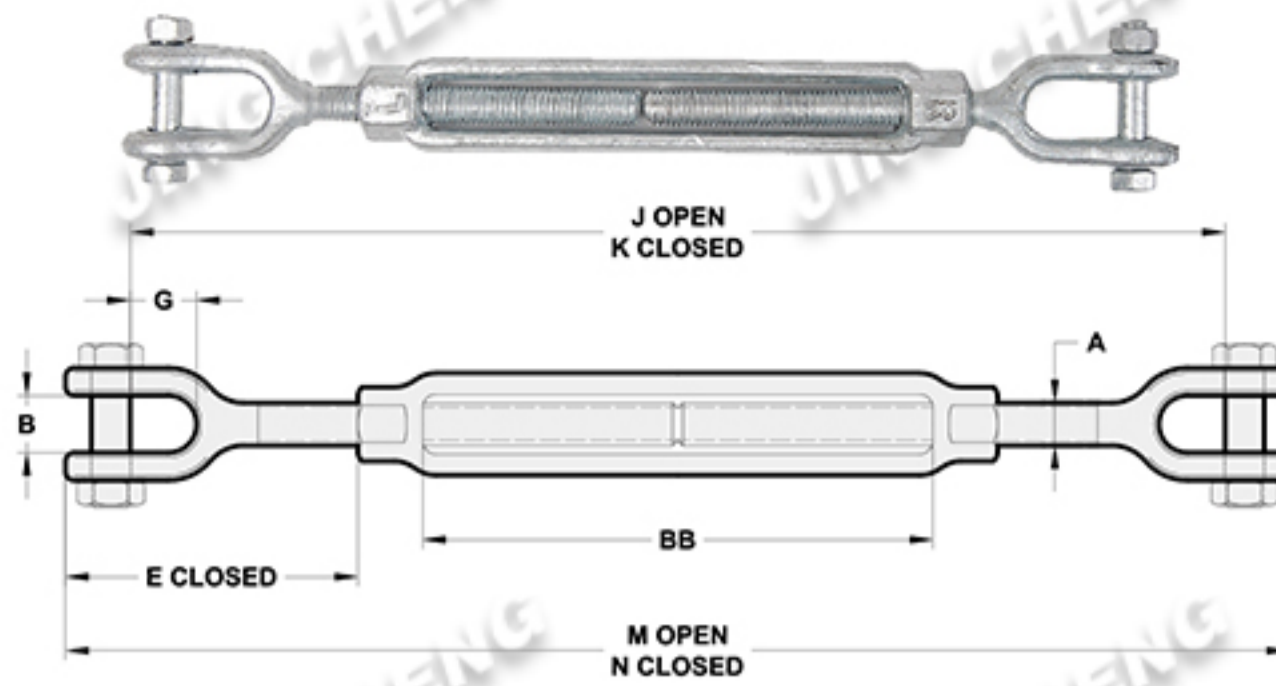
US TYPE FORGED TURNBUCKLE WITH JAW & EYE



- Meet Performance requirements of US Fed. Spec. FF-T-791b, Type 1, Form 1, Class 5 and ASTM F-1145
- Material: Carbon 1045 Steel
- Ultimate Load at 5 Times the Working Load Limit
- Finish: Hot Dip Galvanized according to ASTM A153
- Packing available with Carton Box or Gunny Bag

Item No.	Thread Dia. & Take Up (in)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in)											
				A	B	E Closed	G	J Open	K Closed	M Open	N Closed	R	S	X Closed	BB
JCW067	1/4 x 4	500	0.33	0.25	0.25	1.66	0.64	11.57	7.57	12.28	12.28	0.81	0.34	1.76	4.07
JCW068	5/16 x 4-1/2	800	0.52	0.52	0.31	2.02	0.87	13.50	9.00	14.30	14.30	0.95	0.44	2.20	4.58
JCW069	3/8 x 6	1200	0.80	0.80	0.38	2.11	0.85	16.91	10.91	17.87	17.87	1.13	0.53	2.48	6.10
JCW070	1/2 x 6	2200	1.77	1.77	0.50	3.22	1.07	19.30	13.30	20.48	20.48	1.41	0.71	3.56	6.03
JCW071	1/2 x 9	2200	2.25	2.25	0.50	3.20	1.07	25.59	16.59	26.77	26.77	1.41	0.71	3.54	9.36
JCW072	1/2 x 12	2200	2.67	2.67	0.50	3.20	1.07	31.59	19.59	32.77	32.77	1.41	0.71	3.54	12.36
JCW073	5/8 x 6	3500	2.98	2.98	0.63	3.90	1.32	20.73	14.73	22.27	22.27	1.80	0.88	4.35	6.03
JCW074	5/8 x 9	3500	3.72	3.72	0.63	3.89	1.32	27.07	18.07	28.61	28.61	1.80	0.88	4.34	9.39
JCW075	5/8 x 12	3500	4.35	4.35	0.63	3.89	1.32	33.07	21.07	34.61	34.61	1.80	0.88	4.34	12.39
JCW076	3/4 x 6	5200	4.51	4.51	0.75	4.71	1.52	22.17	16.17	24.09	24.09	2.09	1.00	5.12	6.13
JCW077	3/4 x 9	3500	5.56	5.56	0.75	4.68	1.52	28.57	19.57	30.49	30.49	2.09	1.00	5.09	9.59
JCW078	3/4 x 12	3500	6.42	6.42	0.75	4.68	1.52	34.57	22.57	36.49	36.49	2.09	1.00	5.09	12.59
JCW079	3/4 x 18	3500	8.14	8.14	0.75	4.71	1.52	46.57	28.57	48.49	48.49	2.09	1.00	5.12	18.53
JCW080	7/8 x 12	7200	9.10	9.10	0.88	5.50	1.77	35.68	23.68	37.91	37.91	2.38	1.25	5.79	12.16
JCW081	7/8 x 18	7200	11.6	11.6	0.88	5.50	1.77	48.15	30.15	50.38	50.38	2.38	1.25	5.79	18.63
JCW082	1 x 6	10000	10.0	10.0	1.00	6.09	2.05	25.03	19.03	27.59	27.59	3.00	1.43	6.50	6.18
JCW083	1 x 12	10000	13.4	13.4	1.00	6.09	2.05	37.03	25.03	39.59	39.59	3.00	1.43	6.50	12.18
JCW084	1 x 18	10000	16.7	16.7	1.00	6.09	2.05	49.03	31.03	51.59	51.59	3.00	1.43	6.50	18.18
JCW085	1 x 24	10000	20.6	20.6	1.00	6.06	2.05	61.63	37.63	64.19	64.19	3.00	1.43	6.47	24.84
JCW086	1-1/4 x 12	15200	20.9	20.9	1.84	8.09	2.82	40.76	28.76	43.98	43.98	3.59	1.82	8.49	12.06
JCW087	1-1/4 x 18	15200	24.8	24.8	1.84	8.09	2.82	52.76	34.76	55.98	55.98	3.59	1.82	8.49	18.06
JCW088	1-1/4 x 24	15200	28.8	28.8	1.84	8.09	2.82	65.32	41.32	68.54	68.54	3.59	1.82	8.49	24.62
JCW089	1-1/2 x 12	21400	30.6	30.6	2.06	8.93	2.81	42.50	30.50	46.21	46.21	4.09	2.12	9.46	12.32
JCW090	1-1/2 x 18	21400	36.0	36.0	2.06	8.93	2.81	54.50	36.50	58.21	58.21	4.09	2.12	9.46	18.32
JCW091	1-1/2 x 24	21400	41.5	41.5	2.06	8.93	2.81	67.12	43.12	70.83	70.83	4.09	2.12	9.46	24.94
JCW092	1-3/4 x 18	28000	52.1	52.1	2.60	9.36	3.35	55.37	37.37	59.77	59.77	4.65	2.38	9.97	18.37
JCW093	1-3/4 x 24	28000	59.7	59.7	2.60	9.36	3.35	67.37	43.37	71.77	71.77	4.65	2.38	9.97	24.37
JCW094	2 x 24	37000	89.9	89.9	2.62	11.80	3.74	72.66	48.66	77.95	77.95	5.81	2.69	13.03	24.48
JCW095	2-1/2 x 24	60000	158	158	3.06	13.26	4.44	76.08	52.08	82.68	82.68	6.49	3.12	13.76	24.60
JCW096	2-3/4 x 24	75000	197	187	3.69	14.92	4.19	78.05	54.05	85.67	85.67	7.00	3.25	15.09	24.65

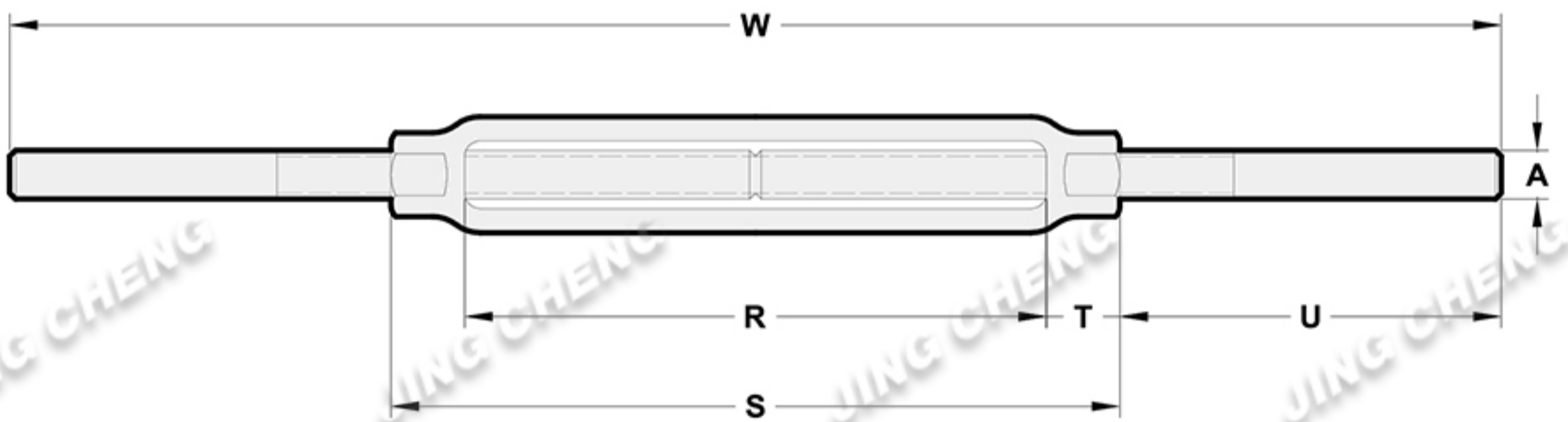
US TYPE FORGED TURNBUCKLE WITH JAW & JAW



- Meet Performance requirements of US Fed. Spec. FF-T-791b, Type 1, Form 1, Class 5 and ASTM F-1145
- Material: Carbon 1045 Steel
- Ultimate Load at 5 Times the Working Load Limit
- Finish: Hot Dip Galvanized according to ASTM A153
- Packing available with Carton Box or Gunny Bag

Item No.	Thread Dia. & Take Up (in)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in)								
				A	B	E Closed	G	J Open	K Closed	M Open	N Closed	BB
JCW097	1/4 x 4	500	0.37	0.25	0.45	1.66	0.64	11.19	7.19	12.18	8.18	4.07
JCW098	5/16 x 4-1/2	800	0.56	0.31	0.50	2.02	0.87	13.07	8.57	14.12	9.62	4.58
JCW099	3/8 x 6	1200	0.85	0.38	0.53	2.11	0.85	16.25	10.25	17.50	11.50	6.10
JCW100	1/2 x 6	2200	1.82	0.50	0.64	3.22	1.07	18.65	12.65	20.14	14.14	6.03
JCW101	1/2 x 9	2200	2.29	0.50	0.64	3.20	1.07	24.94	15.94	26.43	17.43	9.36
JCW102	1/2 x 12	2200	2.71	0.50	0.64	3.20	1.07	30.94	18.94	32.43	20.43	12.36
JCW103	5/8 x 6	3500	3.21	0.63	0.79	3.90	1.32	19.74	13.94	21.82	15.82	6.03
JCW104	5/8 x 9	3500	3.95	0.63	0.79	3.89	1.32	26.08	17.08	28.16	19.16	9.39
JCW105	5/8 x 12	3500	4.58	0.63	0.79	3.89	1.32	32.08	20.08	34.16	22.16	12.39
JCW106	3/4 x 6	5200	4.80	0.75	0.97	4.71	1.52	21.09	15.09	23.68	17.68	6.13
JCW107	3/4 x 9	3500	5.85	0.75	0.97	4.68	1.52	27.49	18.49	30.08	21.08	9.59
JCW108	3/4 x 12	3500	6.72	0.75	0.97	4.68	1.52	33.49	21.49	36.08	24.08	12.59
JCW109	3/4 x 18	3500	8.45	0.75	0.97	4.71	1.52	45.49	27.49	48.08	30.08	18.53
JCW110	7/8 x 12	7200	9.37	0.88	1.16	5.50	1.77	34.65	22.65	37.62	25.62	12.16
JCW111	7/8 x 18	7200	11.8	0.88	1.16	5.50	1.77	47.12	29.12	50.09	32.09	18.63
JCW112	1 x 6	10000	10.4	1.00	1.34	6.09	2.05	23.82	17.92	27.18	21.18	6.18
JCW113	1 x 12	10000	13.8	1.00	1.34	6.09	2.05	35.82	23.82	39.18	27.18	12.18
JCW114	1 x 18	10000	17.1	1.00	1.34	6.09	2.05	47.82	29.82	51.18	33.18	18.18
JCW115	1 x 24	10000	21.0	1.00	1.34	6.06	2.05	60.42	36.42	63.78	39.78	24.84
JCW116	1-1/4 x 12	15200	21.9	1.25	1.84	8.09	2.82	39.37	27.37	43.58	31.58	12.06
JCW117	1-1/4 x 18	15200	25.9	1.25	1.84	8.09	2.82	51.37	33.37	55.58	37.58	18.06
JCW118	1-1/4 x 24	15200	29.8	1.25	1.84	8.09	2.82	63.93	39.93	68.14	44.14	24.62
JCW119	1-1/2 x 12	21400	32.6	1.50	2.06	8.93	2.81	40.76	28.76	45.68	33.68	12.32
JCW120	1-1/2 x 18	21400	38.0	1.50	2.06	8.93	2.81	52.76	34.76	57.68	39.68	18.32
JCW121	1-1/2 x 24	21400	43.5	1.50	2.06	8.93	2.81	65.38	41.38	70.30	46.30	24.94
JCW122	1-3/4 x 18	28000	53.5	1.75	2.60	9.36	3.35	53.35	35.35	59.16	41.16	18.37
JCW123	1-3/4 x 24	28000	61.1	1.75	2.60	9.36	3.35	65.35	41.35	71.16	47.16	24.37
JCW124	2 x 24	37000	96.3	2.00	2.62	11.80	3.74	69.64	45.64	76.72	52.72	24.48
JCW125	2-1/2 x 24	60000	167	2.50	3.06	13.26	4.44	72.97	48.97	82.18	58.18	24.60
JCW126	2-3/4 x 24	75000	199	2.75	3.69	14.92	4.19	74.75	50.75	85.50	61.50	24.65

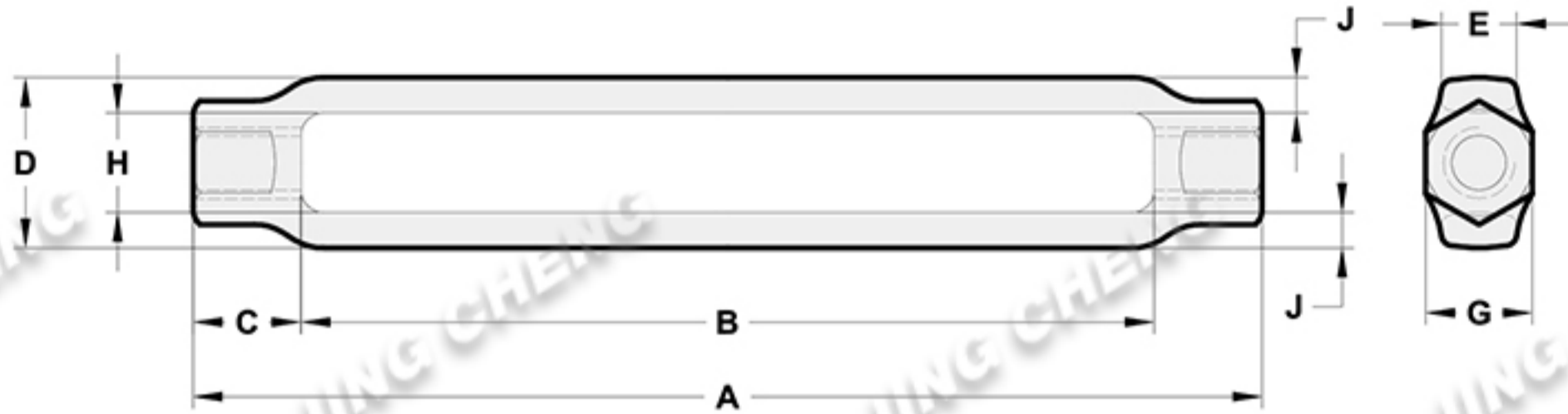
US TYPE FORGED TURNBUCKLE WITH STUB END



- Meet Performance requirements of US Fed. Spec. FF-T-791b, Type 1, Form 1, Class 5 and ASTM F-1145
- Material: Carbon 1045 Steel
- Ultimate Load at 5 Times the Working Load Limit
- Finish: Hot Dip Galvanized according to ASTM A153
- Packing available with Carton Box or Gunny Bag

Item No.	Thread Dia. & Take Up (in)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in)					
				A	R	S	T	U	W
JCW127	3/8 × 6	1200	0.75	0.38	6.00	7.13	0.56	4.44	16.00
JCW128	1/2 × 6	2200	1.25	0.50	6.00	7.50	0.75	4.25	16.00
JCW129	5/8 × 6	3500	2.11	0.63	6.00	7.88	0.94	4.06	16.00
JCW130	3/4 × 6	5200	3.27	0.75	6.00	8.25	1.13	4.38	17.00
JCW131	7/8 × 6	7200	4.78	0.88	6.00	8.63	1.31	4.69	18.00
JCW132	1 × 6	10000	6.36	1.00	6.00	9.00	1.50	5.00	19.00
JCW133	1 × 12	10000	8.80	1.00	12.0	15.0	1.50	5.00	25.00
JCW134	1-1/8 × 6	12400	8.88	1.13	6.00	9.13	1.56	4.94	19.00
JCW135	1-1/4 × 6	15200	10.18	1.25	6.00	9.13	1.56	5.44	20.00
JCW136	1-1/4 × 12	15200	13.60	1.25	12.0	15.12	1.56	5.44	26.00
JCW137	1-1/2 × 12	21400	20.44	1.50	12.0	15.75	1.88	5.38	26.50

US TYPE FORGED TURNBUCKLE BODY



- Meet Performance requirements of US Fed. Spec. FF-T-791b, Type 1, Form 1, Class 5 and ASTM F-1145
- Material: Carbon 1045 Steel
- Ultimate Load at 5 Times the Working Load Limit
- Finish: Self Color
- Packing available with Carton Box or Gunny Bag

Item No.	Thread Dia. & Take Up (in)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in)							
				A	B	C	D	E	G	H	J
JCW138	1/4 × 4	500	0.15	4.87	4.07	0.40	0.72	0.34	0.50	0.38	0.17
JCW139	5/16 × 4-1/2	800	0.22	5.59	4.58	0.50	0.82	0.38	0.56	0.44	0.19
JCW140	3/8 × 6	1200	0.29	7.29	6.10	0.60	0.88	0.68	0.63	0.50	0.19
JCW141	1/2 × 6	2200	0.70	7.70	6.03	0.84	1.19	0.68	0.81	0.63	0.28
JCW142	1/2 × 9	2200	1.03	11.03	9.36	0.84	1.19	0.68	0.81	0.63	0.28
JCW143	1/2 × 12	2200	1.27	14.03	12.36	0.84	1.19	0.83	0.81	0.63	0.28
JCW144	5/8 × 6	3500	1.11	8.02	6.03	1.00	1.43	0.83	1.00	0.75	0.34
JCW145	5/8 × 9	3500	1.59	11.38	9.39	1.00	1.43	0.83	1.00	0.75	0.34
JCW146	5/8 × 12	3500	1.96	14.38	12.39	1.00	1.43	0.83	1.00	0.75	0.34
JCW147	3/4 × 6	5200	1.50	8.26	6.13	1.07	1.74	0.94	1.13	0.94	0.40
JCW148	3/4 × 9	3500	2.17	11.72	9.59	1.07	1.74	0.94	1.13	0.94	0.40
JCW149	3/4 × 12	3500	2.66	14.72	12.59	1.07	1.74	0.94	1.13	0.94	0.40
JCW150	3/4 × 18	3500	3.63	20.66	18.53	1.07	1.74	0.94	1.13	0.94	0.40
JCW151	7/8 × 12	7200	3.61	14.62	12.16	1.23	2.00	1.13	1.31	1.06	0.47
JCW152	7/8 × 18	7200	5.27	21.09	18.63	1.23	2.00	1.13	1.31	1.06	0.47
JCW153	1 × 6	10000	3.32	9.00	6.18	1.41	2.45	1.25	1.50	1.25	0.60
JCW154	1 × 12	10000	5.34	15.00	12.18	1.41	2.45	1.25	1.50	1.25	0.60
JCW155	1 × 18	10000	7.35	21.00	18.18	1.41	2.45	1.25	1.50	1.25	0.60
JCW156	1 × 24	10000	9.85	27.66	24.84	1.41	2.45	1.25	1.50	1.25	0.60
JCW157	1-1/4 × 12	15200	5.72	15.40	12.06	1.67	2.62	1.25	1.88	1.50	0.56
JCW158	1-1/4 × 18	15200	7.58	21.40	18.06	1.67	2.62	1.25	1.88	1.50	0.56
JCW159	1-1/4 × 24	15200	9.45	27.96	24.62	1.67	2.62	1.25	1.88	1.50	0.56
JCW160	1-1/2 × 12	21400	8.01	15.82	12.32	1.75	2.99	1.50	2.25	1.75	0.62
JCW161	1-1/2 × 18	21400	10.4	21.82	18.32	1.75	2.99	1.50	2.25	1.75	0.62
JCW162	1-1/2 × 24	21400	12.9	28.54	24.94	1.75	2.99	1.50	2.25	1.75	0.62
JCW163	1-3/4 × 18	28000	15.7	22.44	18.37	2.04	3.62	1.75	2.62	2.12	0.75
JCW164	1-3/4 × 24	28000	19.2	28.44	24.37	2.04	3.62	1.75	2.62	2.12	0.75
JCW165	2 × 24	37000	25.8	29.13	24.48	2.33	4.14	2.00	3.00	2.38	0.88
JCW166	2-1/2 × 24	60000	55.9	31.66	24.60	3.53	5.12	2.75	3.88	3.12	1.25
JCW167	2-3/4 × 24	75000	54.0	31.66	24.65	3.51	5.12	2.75	3.88	4.48	1.25