



STRAPS – KST, KSTI, LSTA, LSTI, MST, MSTC, & ST



USP Stock No. ⁸	Ref. No.	Steel Gauge	Dimensions		Fastener Schedule ^{5,6}			Factored Resistance (Lbs.) ^{1,2,7}	
			W	L	Total Qty ⁴	Min Qty ³	Type	Uplift 115%	
								DF-L	S-P-F
KST116	ST2115	20	3/4	16-5/16	10	8	16d	995	940
LSTA9	LSTA9	20	1-1/4	9	8	8	10d	1085	775
LSTA12	LSTA12	20	1-1/4	12	10	10	10d	1355	970
LSTA15	LSTA15	20	1-1/4	15	12	12	10d	1630	1165
LSTA18	LSTA18	20	1-1/4	18	14	14	10d	1855	1360
LSTA21	LSTA21	20	1-1/4	21	16	16	10d	1855	1555
LSTA24	LSTA24	20	1-1/4	24	18	16	10d	1855	1555
KST29	ST292	20	2-1/16	9-7/16	14	8	16d	1320	940
KST213	ST2122	20	2-1/16	12-11/16	18	18	16d	2680	2110
KST216	ST2215	20	2-1/16	15-15/16	22	18	16d	2680	2110
MSTA9	MSTA9	18	1-1/4	9	8	8	10d	1085	775
MSTA12	MSTA12	18	1-1/4	12	10	10	10d	1355	970
MSTA15	MSTA15	18	1-1/4	15	12	12	10d	1630	1165
MSTA18	MSTA18	18	1-1/4	18	14	14	10d	1900	1360
MSTA21	MSTA21	18	1-1/4	21	16	16	10d	2170	1555
MSTA24	MSTA24	18	1-1/4	24	18	18	10d	2445	1750
LSTA30	LSTA30	18	1-1/4	30	22	22	10d	2460	2140
LSTA36	LSTA36	18	1-1/4	36	26	20	10d	2460	1945
KSTI223	---	18	2-1/16	23	23	23	10d x 1-1/2	3120	2220
LSTI49	LSTI49	18	3-3/4	49	32	32	10d x 1-1/2	4340	3090
LSTI73	LSTI73	18	3-3/4	73	48	48	10d x 1-1/2	6515	4635
ST9	ST9	16	1-1/4	9	8	8	16d	1325	1100
ST12	ST12	16	1-1/4	11-5/8	10	10	16d	1655	1375
ST18	ST18	16	1-1/4	17-3/4	14	14	16d	2095	1925
ST22	ST22	16	1-1/4	21-5/8	18	18	16d	2095	2095
MSTA30	MSTA30	16	1-1/4	30	22	22	10d	2985	2140
MSTA36	MSTA36	16	1-1/4	36	26	26	10d	3100	2525
KST218	ST6215	16	2-1/16	19-3/16	26	16	16d	2640	1875
KST224	ST6224	16	2-1/16	22-7/16	30	30	16d	4440	3520
MSTC28	MSTC28	16	3	28-1/4	38	32	10d	4380	3110
					38	38	16d	6295	4435
MSTC40	MSTC40	16	3	40-1/4	54	48	10d	6570	4665
					54	54	16d	7795	6305
MSTC52	MSTC52	16	3	52-1/4	70	64	10d	7795	6220
					70	70	16d	7795	7795
KST234	ST6236	14	2-1/16	32-3/16	42	36	16d	5665	4225
MSTC66	MSTC66	14	3	65-3/4	88	84	10d	9945	8165
					88	88	16d	9945	9945
MSTC78	MSTC78	14	3	77-3/4	104	88	10d	9945	8550
					104	88	16d	9945	9945
KST227	MST27	12	2-1/16	27	34	26	16d	4290	3050
KST237	MST37	12	2-1/16	37-1/2	48	38	16d	6270	4455
KST248	MST48	12	2-1/16	48	62	50	16d	8110	5865
KSTI226	MSTI26	12	2-1/16	26	26	22	10d x 1-1/2	2985	2125
KSTI236	MSTI36	12	2-1/16	36	36	32	10d x 1-1/2	4340	3090
KSTI248	MSTI48	12	2-1/16	48	48	44	10d x 1-1/2	5970	4250
KSTI260	MSTI60	12	2-1/16	60	60	56	10d x 1-1/2	7600	5410
KSTI272	MSTI72	12	2-1/16	72	72	68	10d x 1-1/2	8110	6570
KST260	MST60	10	2-1/16	60	72	64	16d	10560	7505
KST272	MST72	10	2-1/16	72	72	72	16d	10605	8445

- 1) The factored resistance is derived as directed in Canadian Standard CAN/CSA-086-01.
- 2) The 115% values are short-term loads such as wind and earthquake. The 100% values are for standard term loads such as dead plus snow or floor loads.
- 3) Minimum nail embedment shall be 1-1/2" for 10d nails and 1-5/8" for 16d nails.
- 4) Total number of nail and/or bolt holes provided in the strap.
- 5) Minimum quantity of fasteners to be installed with equal fasteners at each end of the connection. Product may have additional nail holes not needed to meet published allowable load of product.
- 6) 10d x 1-1/2 nails are 9 gauge (0.148" diameter) by 1-1/2" long.
- 7) Factored resistances are based on parallel-to-grain loading, minimum of 2-1/2" thick.

Use in conjunction with USP's current Canadian Product Catalogue for detailed hanger information.



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