

Carbon Steel Lags

Hex Lag Screws



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Available Finishes:
Plain, Zinc,
Hot Dip Galvanized

Diameter	Lengths
1/4"	1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 5-1/2", 6"
5/16"	1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 5-1/2", 6"
3/8"	1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 5-1/2", 6", 7", 8", 9", 10", 12"
1/2"	1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 5-1/2", 6", 6-1/2", 7", 8", 9", 10", 11", 12", 14", 16", 18", 24"
5/8"	2", 2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 5-1/2", 6", 7", 8", 9", 10", 11", 12", 14", 16", 18", 20"
3/4"	2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 5-1/2", 6", 7", 8", 9", 10", 11", 12", 14", 16", 18", 20"
7/8"	8", 10", 12", 16", 18", 20"
1"	6", 8", 10", 12", 16", 20"

Standard Lag Capacity (NDS 2001)													
Southern Yellow Pine													
February 6, 2004													
Specific Gravity = 0.55 inches S →													
Actual Total Lag Length													
			1/4	1/4	1/2	3/4	1	1	1 1/2	2	2 1/2	3	
			1	1.5	2	2.5	3	3.5	4	5	6	7	
Unthreaded Shank Dia.	Dr	E											
1/4	0.173	5/32	T-E	19/32	1 3/32	1 11/32	1 19/32	1 27/32	2 11/32	2 11/32	2 27/32	3 11/32	3 27/32
			Withdrawl	154.13	283.92	348.81	413.71	478.60	608.39	608.39	738.18	867.97	997.76
5/16	0.227	3/16	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	172.61	326.05	402.77	479.48	556.20	709.64	709.64	863.07	1016.51	1169.94
3/8	0.265	7/32	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	186.91	362.83	450.79	538.75	626.71	802.63	802.63	978.54	1154.46	1330.38
7/16	0.328	9/32	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	185.14	382.61	481.35	580.09	678.83	876.31	876.31	1073.79	1271.27	1468.75
1/2	0.371	5/16	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	191.00	409.28	518.42	627.56	736.70	954.98	954.98	1173.26	1391.54	1609.82
5/8	0.471	13/32	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	-	-	564.47	693.50	822.52	1080.57	1080.57	1338.61	1596.66	1854.70
3/4	0.579	1/2	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	-	-	-	-	887.57	1183.43	1183.43	1479.29	1775.14	2071.00
7/8	0.683	19/32	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	-	-	-	-	934.08	1266.20	1266.20	1598.32	1930.44	2262.55
1	0.780	11/16	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	-	-	-	-	963.64	1330.74	1330.74	1697.85	2064.95	2432.05
1 1/8	0.887	25/32	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	-	-	-	-	-	-	1378.46	1779.46	2180.47	2581.48
1 1/4	1.012	7/8	T-E	1	1.5	2	2.5	3	3.5	4	5	6	7
			Withdrawl	-	-	-	-	-	-	1410.43	1844.41	2278.39	2712.37

Notes: - No Modification Factors Applied.

- S = Unthreaded shank length, Dr = Root diameter of threaded portion, E = Length of tapered tip, T-E = Actual Embedment.

- Assumes T-E depth is fully embedded into main member.

Stainless Steel Lag Screws Available Upon Request