

PURPOSE

To provide notice that the L5LB and L4LB lever hoist load chains are not the same design and cannot be interchanged.

SCOPE

This document applies to all L5LB and L4LB lever chain hoists.

BACKGROUND

The L5LB was a complete LB lever hoist redesign. L5LB design provided a more compact, lighter weight lever hoist with more headroom than the L4LB. The L5LB redesign included the redesign of the load chain. The pitch of the new L5LB load chain was shortened from the 3 times the wire diameter of the L4LB to 2.8 times (Refer to Figure 1 and Table 1). The shortened chain pitch decreased the chain link length.

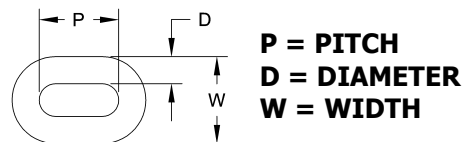


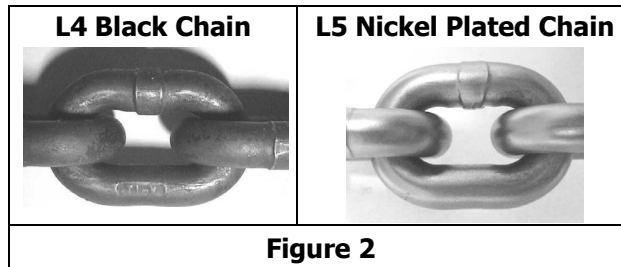
Figure 1

The L5 LB020 hoist load chain wire diameter was increased from 7.1 to 8.8 mm. The L5 LB030, L5 LB060 and L5 LB090 hoist load chain wire diameter was increased from 9 to 10 mm (Refer to Figure 1 and Table 1).

Table 1 LBL5 To LBL4 Load Chain Wire Diameter and Pitch Comparison									
MODEL		LB008	LB010	LB015	LB020	LB028	LB030	LB060	LB090
CAPACITY (T)		¾	1	1½	2	2¾	3	6	9
WIRE DIAMETER (mm)	L5	5.6	5.6	7.1	8.8	8.8	10.0	10.0	10.0
	L4	5.6	5.6	7.1	7.1	N/A	9.0	9.0	9.0
PITCH (mm)	L5	15.8	15.8	20.0	24.8	24.8	28.2	28.2	28.2
	L4	17.0	17.0	21.0	21.0	N/A	27.0	27.0	27.0

GENERAL USE

The L5LB hoists have an electroless nickel plated (NP) load chain as standard (Refer to Figure 2). The NP load chain is not available for the L4LB lever hoists. The standard L4LB black load chain and the optional ND load chain are not available for the L5LB lever hoists.



The L5LB load chain is completely different from the L4LB load chain and the two cannot be interchanged.

The following tables provide detailed load chain information for the L4Lb and L5LB chain hoists.

TABLE 2 CHAIN-TO-HOIST FOR L4LB AND L5LB						
CHAIN					HOIST	
PRODUCT CODE	FINISH	TYPE/GR MARKING	DIA (MM)	PITCH (MM)	L4LB	L5LB
LCLB010	Black	TI-V	5.6	17.0	008, 010	-
LCCF015	Black	TI-V	7.1	21.0	015, 020	-
LCC3025	Black	TI-V	9.0	27.0	030, 060, 090	-
LCLB010ND	Nickel Diffused	UI-V	5.6	17.0	008, 010	-
LCCF015ND	Nickel Diffused	UI-V	7.1	21.0	015, 020	-
LCC3025ND	Nickel Diffused	UI-V	9.0	27.0	030, 060, 090	-
LCL5010NP	Nickel Plated	GT-V	5.6	15.8	-	008, 010
LCL5015NP	Nickel Plated	GT-V	7.1	20.0	-	015
LCL5028NP	Nickel Plated	GT-V	8.8	24.8	-	020, 028
LCL5030NP	Nickel Plated	GT-V	10.0	28.2	-	030, 060, 090

GENERAL USE

EDOC0297
Rev. 00
03/01/04

TABLE 3 HOIST-TO-CHAIN FOR L4LB					
HOIST	CHAIN				
	FINISH	TYPE/GR MARKING	DIA (MM)	PITCH (MM)	PRODUCT CODE
L4LB008	Black	TI-V	5.6	17.0	LCLB010
	Nickel Diffused	UI-V	5.6	17.0	LCLB010ND
L4LB010	Black	TI-V	5.6	17.0	LCLB010
	Nickel Diffused	UI-V	5.6	17.0	LCLB010ND
L4LB015	Black	TI-V	7.1	21.0	LCCF015
	Nickel Diffused	UI-V	7.1	21.0	LCCF015ND
L4LB020	Black	TI-V	7.1	21.0	LCCF015
	Nickel Diffused	UI-V	7.1	21.0	LCCF015ND
L4LB030	Black	TI-V	9.0	27.0	LCC3025
	Nickel Diffused	UI-V	9.0	27.0	LCC3025ND
L4LB060	Black	TI-V	9.0	27.0	LCC3025
	Nickel Diffused	UI-V	9.0	27.0	LCC3025ND
L4LB090	Black	TI-V	9.0	27.0	LCC3025
	Nickel Diffused	UI-V	9.0	27.0	LCC3025ND

GENERAL USE

EDOC0297
Rev. 00
03/01/04

TABLE 4 HOIST-TO-CHAIN FOR L5LB					
HOIST	CHAIN				
	FINISH	TYPE/GR MARKING	DIA (MM)	PITCH (MM)	PRODUCT CODE
L5LB008	Nickel Plated	GT-V	5.6	15.8	LCL5010NP
L5LB010	Nickel Plated	GT-V	5.6	15.8	LCL5010NP
L5LB015	Nickel Plated	GT-V	7.1	20.0	LCL5015NP
L5LB020	Nickel Plated	GT-V	8.8	24.8	LCL5028NP
L5LB028	Nickel Plated	GT-V	8.8	24.8	LCL5028NP
L4LB030	Nickel Plated	GT-V	10.0	28.2	LCL5030NP
L4LB060	Nickel Plated	GT-V	10.0	28.2	LCL5030NP
L4LB090	Nickel Plated	GT-V	10.0	28.2	LCL5030NP

END

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EDOC0297
Rev. 00
03/01/04