

# Expert advice to make your hoist more versatile

## How to get the most out of your nylon-strap hoist

by **M. L. (Cliff) Bosch**  
Product Manager,  
Hot Line Tools

Some people call the nylon-strap hoist a "hot hoist." I shudder every time I hear it and wish there were a way to tell everyone two things:

1. The nylon-strap hoist is not an insulated live-line tool.
2. You can increase its versatility and use it



for some "hot" jobs simply by adding an inexpensive Hoist Link Stick (a length of 1 1/4-inch Epoxiglas® pole with a steel safety hook on one end and a butt swivel on the other).

In 1967, Chance introduced the light, rugged, well-balanced nylon-strap hoist at the National Safety Congress and since, we have sold it all over the world.

Linemen loved it from the beginning. So do I. But this affection can mislead you into using the hoist for situations it isn't designed to handle.

I remember the call I received from a major electric utility asking if our nylon ratchet hoist was insulated. My answer was "No." The caller replied, "I didn't think so." Then he told me the story behind his question.

It seems one of his crews had three nylon ratchet hoists attached to three phases. The hoists were hooked to a grounded crossarm without insulated hoist link sticks. The rain started to fall.

The caller said he was looking through the windshield of his truck as the rain began. "Then the three nylon straps went 'ping,' 'ping,' 'ping,' and dropped the energized conductors to the ground, causing a major power outage."

Insulated hoist link sticks prevent that problem.

**Right, for hot-line conductor-tensioning, insulated link stick isolates hoist from crossarm and pole, potential grounds.**

**Below, becket (or loop) in strap gives this convertible hoist a 1 1/2-ton rating.**



So I recommend:

1. If you are going to use your nylon strap hoist as a lightweight, all-purpose tool on only de-energized lines, get the hoist alone and enjoy it.
2. If, however, you plan to use your nylon-strap hoist for cutting in deadends, sleeving conductors, tensioning conductors and other "hot" applications, then add an insulated link stick and use it with the hoist for only "hot" jobs.



3. Give your hoist and link stick the tender, loving care all hot line tools deserve: Keep the handle and strap clean and store the hoist properly for protection against grease, oil, dirt and physical damage.

**One more caution:** Don't overload this lightweight hoist. When it comes to pulling guy wires, de-energized conductors and the like, the Chance chain hoist is the tool to use.

The nylon-strap hoist originally was designed for rubber-glove maintenance in the days when many utilities were doing such work on voltages through 5 kV. Linemen soon found they could use the hoist on voltages as high as 15 kV —

**Left, swivel ring for hoist hook comes on 12"-insulated stick (or 6" with or without sewn-in strap for 1-ton hoists). For convertible 3/4-1 1/2-ton hoists, sheave on 6" stick below replaces strap hook.**



**Hotstick-handling rings also are available on hooks, latches and Epoxiglas handles on all Chance nylon-strap hoists, including models rated for 1- or 2-ton capacity and the 3/4-1 1/2-ton convertible model.**



and, today, some companies are working with rubber gloves on 34.5 kV.

It is one of the handiest tools a lineman can use. With a small investment in an insulated link stick, the hoist makes an even more valuable tool for rubber-glove work.



**Convertible hoist simply rigs to 3/4-ton rating by pulling sheave pin to remove hook from strap becket. This gives the hoist a full 7-ft. reach, 3 ft. more than with it rigged for 1 1/2-ton capacity.**



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For more details, see Chance Catalog 1100 Mechanical Hoists.

**HUBBELL** **CHANCE** hpscontact@hps.hubbell.com  
POWER SYSTEMS, INC. 573-682-5521 Fax 573-682-8714  
http://www.hubbellpowersystems.com