

● Why wire rope pre-tensioner is paramount?

It was reported that rough spooling of wire rope was occurred on the drum immediately after replacement of new wire rope while lifting the load. These phenomenon occurred due to NOT enough wire rope pre-tension when the new wire rope installed to the drum.



Note: If rough spooling occurred, it might lead to the premature damage and/or deformation of the wire rope strand. Pre-tension of wire rope is important factor for the wire rope spooling onto the drum in good condition.

● Kobelco prepared the special tools

Kobelco developed a special tools to prevent damage of new wire rope while installing unto the drum. Wire rope pre-tensioner tools for applying pre-tension to the wire rope as shown in the table below. The tension applied to the wire rope using this tools is approximately 500 kg-f (1,102.3 pounds-force (lbf)). This is enough tension for wire rope that will be wind up to the drum.

If apply pre-tension to the wire rope manually, there is a possibility to be injured when handling the wire rope with the hands. The wire rope pre-tensioner tools will eliminate the danger works for wire rope replacement and it is very convenient to use, without the need of extra equipment to pull the wire rope.

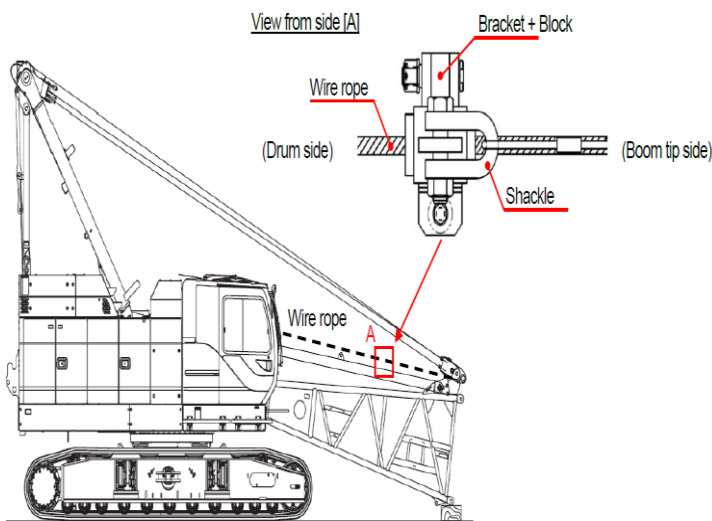
No.	Parts number	Description	Qty.	Remark
1	24100N9672F2	Bracket	1	Common
2	2416P22529D2	Block (Φ16 mm wire rope)	2	2 blocks are 1 pair to use.
3	2416P22529D4	Block (Φ18 mm wire rope)	2	2 blocks are 1 pair to use.
4	2416P22529D6	Block (Φ20 mm wire rope)	2	2 blocks are 1 pair to use.
5	2416P22529D7	Block (Φ22 mm wire rope)	2	2 blocks are 1 pair to use.
6	2416P22529D11	Block (Φ26 mm wire rope)	2	2 blocks are 1 pair to use.
7	2416P22529D12	Block (Φ28 mm wire rope)	2	2 blocks are 1 pair to use.

WIRE ROPE PRE-TENSIONER

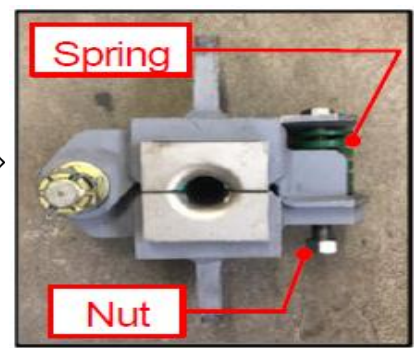
ALWAYS THINK SAFETY!!!

● How to use

Caution : This wire rope pre-tensioner tool can NOT be applied to Nuflex type wire rope which installed on the hoist drum for SL series etc. There is a possibility that the wire rope might be damaged.



Note : Pre-tension depends on the tighten of Nut including Bracket [1], adjust properly after clamp the wire rope with Bracket + Block. The maximum pre-tension can be applied when the spring coils are contacting completely.



Bracket common on all wire rope dia. Block (2 pcs) size depend on the wire rope diameter.



For more information and Inquiry : Contact us now !!