

IH quenching of wind-up drums

DHF has been supplying steel-wire wind-up drums hardened by IH quenching for many years employing the original IH technology based upon a long accumulated know-how and s DHF's IH quenching service to the drums can meet customer's requirements in the most suitable based upon its application condition. DHF also can supply the drums on the turn- key basis, meaning from procurement of raw material, fabricating, to quenching.



Wind-up drum for



Dual quenching of groove and top

Applications of wind-up drums

- Crane
- Winch
- Other, land and marine drums
- Land-based, vessel-based crane

Advantage

Deep hardened depth compared with conventional quenching methods.

Material

Typical steel grade: JIS SM490A.

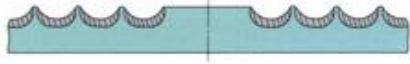
In case considering other steel grade for drums, please contact us.

Optimized hardened shape of the groove on the drums surface for each application

We can provide the best hardened depth patterns based upon customers' application as follows.

Groove bottom hardened type (Standard quenching)

Suitable to wind-up which accompany severe worn out at the groove bottom with no horizontal slipping force.



Top hardened type

Suitable to small radius groove drum which accompany the worn-out at the top of the groove



Both top and bottom groove hardened type (Developed by DHF)

Suitable to the wind-up which accompanies both groove top and bottom worn-out with horizontally slipping force, which can improve service life compared with standard type. But, it requires to specify wind-up direction

