



# Intermediate Gears & Pinions

Intermediate gears and pinions in Hoist, Drag, Propel, Swing Mechanisms of various draglines are either helical, spur or double helical design.

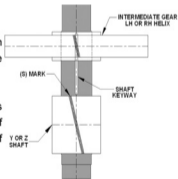
Vulcan manufactures these pinions as per original design from forged alloy steel volume hardened to 330-360 BHN and precision machined to AGMA 8-9 quality.



Vulcan also offers small gap/milled DIN7 quality gears using seamless medium carbon alloy rolled rings with adequate forging ratio. Heat treatment is carried after rough machining of teeth.

For cold climate vanadium modified material also can be offered.

Vulcan has developed special jigs and fixtures for proper marking of pinion and gears for ease of assembly at site.



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