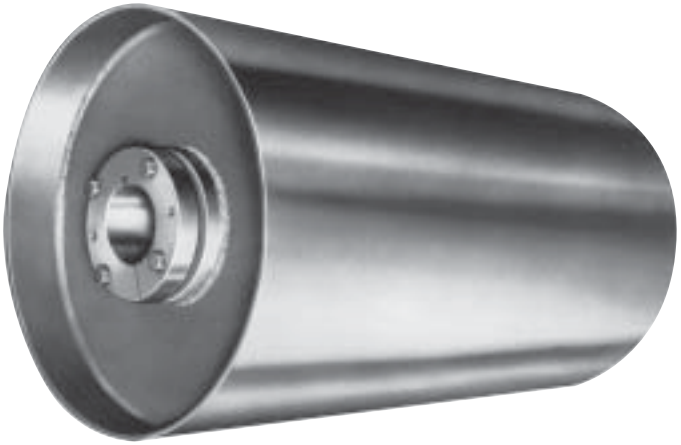

HEAVY DUTY REINFORCED

The VAN GORP® H•D•R® Rims of pulleys 14" in diameter and larger are formed in custom-designed crowning rolls by a cold “forming” process that increases the strength of the steel. They feature two-rim-half construction, an exclusive, perfected technique that permits the use of internal discs in crown and straight face pulleys...and thereby creates a stronger, more rounded finished pulley product. End discs are cut to micrometer calibration. Rims, discs and hubs are all steel and are fused together by a deep penetrating, submerged arc welding process with back-up bars used under the longitudinal rim welds. The result? A continuously welded drum construction, with its built-in barrier against dirt, water and steam; less maintenance; extended pulley service; **and most important, a dramatic reduction in radial deformation and longitudinal deflection in the rim.**

Radial deformation is a particularly serious problem when a pulley is used in a low arc of contact and high tension application. The addition of internal discs, plus heavier-than-standard construction, not only permits a VAN GORP® H•D•R® Pulley to work on any arc of contact, but also increases its moment of inertia...giving it additional strength and rigidity while decreasing the degree of longitudinal deflection. Pulleys 14" in diameter and larger, 26"-44" wide have one internal disc; pulleys 46"-64" wide have two internal discs; and pulleys 65" and wider have three or more internal discs.

Part Number Example