

# HEKO central chains Chain wheels for drive and tension



**HEKO produces both toothed and toothless drive and tension wheels.**

Generally, the friction between the chain and wheel rims is usually sufficient so that toothless rims are employed as HEKO standard. Chain speeds of up to 2 m/s are possible. However, if the friction grip is found to be insufficient then toothed rims are fitted. The contact surfaces of both toothed and toothless wheels are induction hardened with the hardness and hardening depth selected to suit the operating conditions to achieve an optimum service life of both chains and wheel rims.

**In general HEKO uses untoothed rims and toothed chain wheels with a pitch circle diameter of 655 mm up to 1.215 mm.** Moreover, HEKO is able to manufacture drive- and tension rings for bucket elevators with a central chain on request. The dimension and geometry of the wheel will be construed on the conveying task. In case of any question or doubt, do not hesitate to contact us directly. We will help you to find out the best solution for your application.

