High Capacity TAROL
Class K (HCT-K)
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Product features
- AAR Class K tapered roller bearing unit (TAROL) for Heavy Haul applications
- For retrofit on existing AAR Class K axles
- Manufactured from new case hardening steel Mancrodur
- Special heat treatment process for dimensional stabilization of the inner rings
- Optimized ring and roller raceway profile
- Polyamide cage of reinforced design
- Low friction cartridge seal
- Unique backing ring clip to facilitate safe mounting

Technical advantages
- Load rating increase up to 30% compared to standard Class K
- Reduced pressure peaks in the load zone
- Special steel grade with higher material purity
- Carbonitrided bearing rings for higher resistance to fatigue
- Less fretting wear tendency
Customer benefits
• Payload of a Class G in existing Class K wagons
• At least doubled service lifetime compared to standard Class K
• Higher operational reliability under heavy load
• Suitable for bearing reconditioning
• Suitable for automated mounting process
• Higher productivity and reduced total costs (TCO)
• Opportunity for down-sizing

Types available
• High Capacity TAROL Class K (HCT-K)
• Other sizes in preparation

Application
• Freight transportation