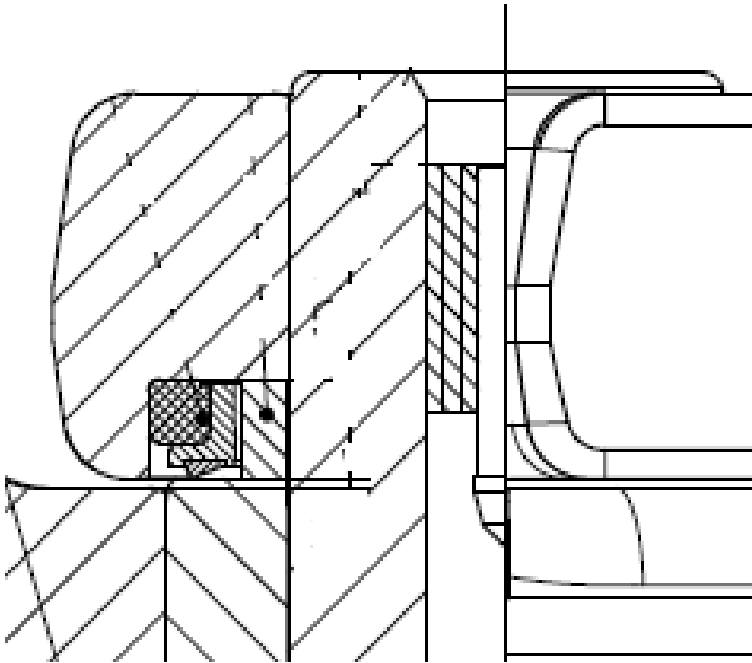




- BERCO LUBRICATED TRACK CHAINS -

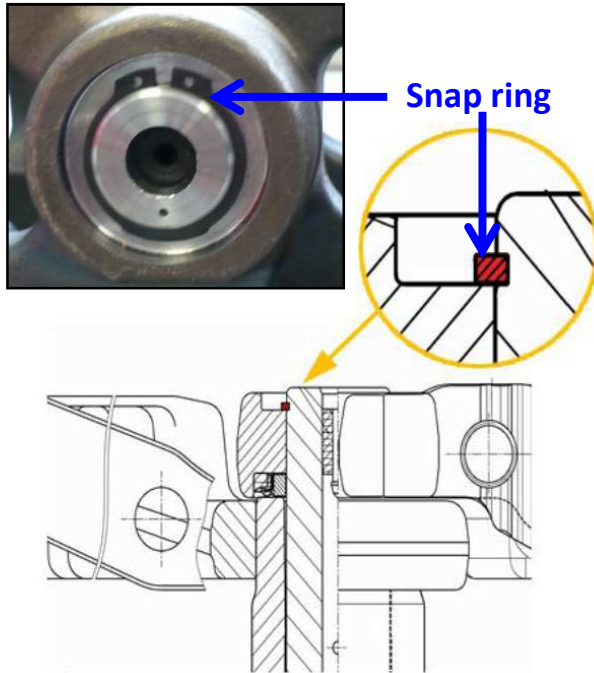
STANDARD DESIGN





BPR DESIGN

- Specifically designed for applications as mining and Heavy Duty



BPR – Berco pin Retention - can help improving the Track Chains performances, costs and lifetime. In particular the major benefits of this system can be summarized as follows:

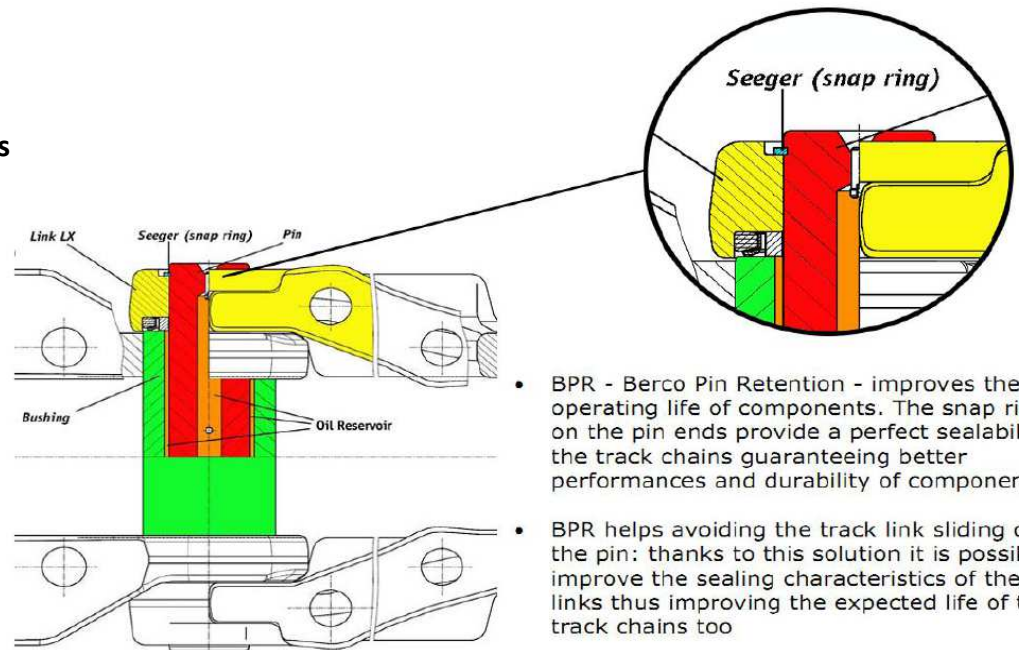
- improved operative track chain life in heavy duty working conditions
- snap rings applied on the pin ends insure highest level of sealability of track chains
- snap rings assure high track link side load capability
- in High Drive dozers, track links rotate three times under high chain tension per revolution instead of one of oval tracks, thus requiring a high level of joint reliability
- BPR method applied on lubricated track chains, guarantees (in extreme applications) the respect of tolerances thus allowing an improved life of seal groups

- Snap ring setting up and removing by suitable pliers



BERCO BPR Track chains

D8 N-R-T – CR4525D: BPR system in master link section only
D9 N-R-T – CR6479A: BPR system in all sections
D10 N-R-T – CR6075F: BPR system in all sections
D11 N-R-T – CR6982A: BPR system in all sections
D275A-5 – KM3593A: BPR system in all sections
D375A-5 – KM3599C: BPR system in all sections
D475A-5 – KM4458: BPR system in all sections



- BPR - Berco Pin Retention - improves the operating life of components. The snap rings on the pin ends provide a perfect sealability of the track chains guaranteeing better performances and durability of components
- BPR helps avoiding the track link sliding onto the pin: thanks to this solution it is possible to improve the sealing characteristics of the track links thus improving the expected life of the track chains too

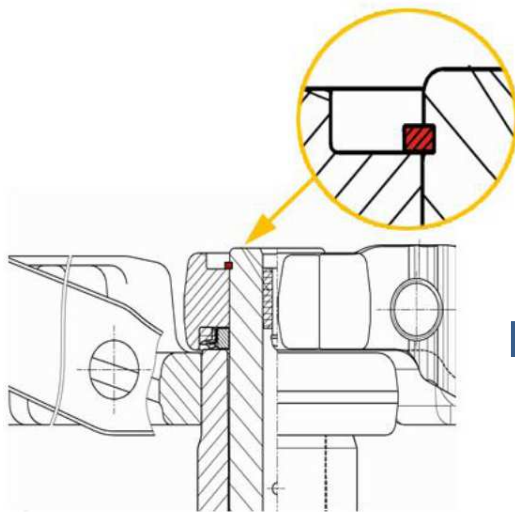
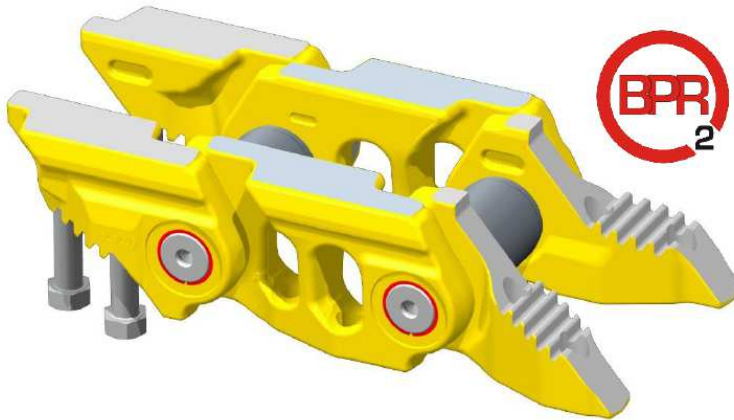


Berco SALT Chains

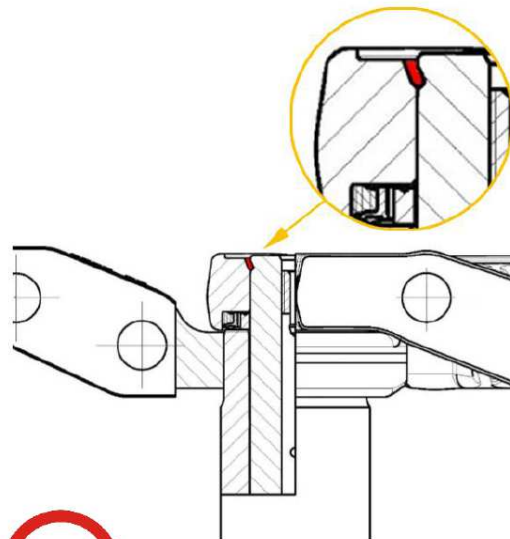
New developments – BPR₂

For D8, D9 and D10 class dozer only.
D11 soon available

[See bulletin](#)

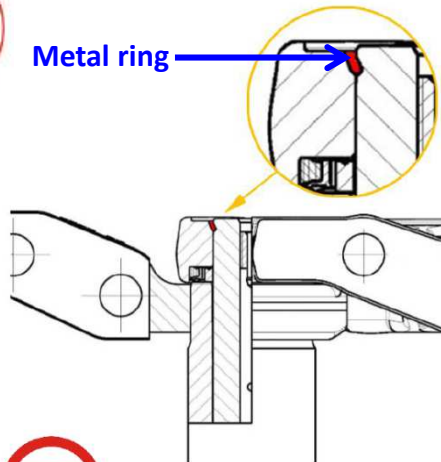


Old design - BPR



New design – BPR₂





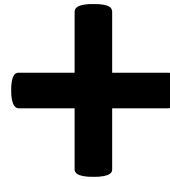
Metal ring



- The metal ring is squeezed inside by suitable tool mounted on the press

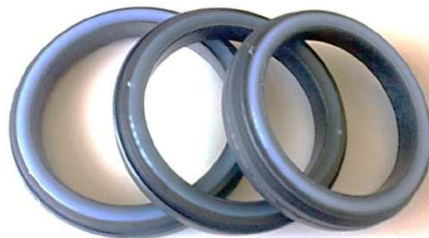


New design – BPR₂



New seal design has been developed to improve SALT chain joint life

New seals



New design

- Improved synthetic rubber ring suitable from -45°C to +70°C
- Main ring made by two plastic materials with improved wear behavior



.....About NEW SEAL GROUPS

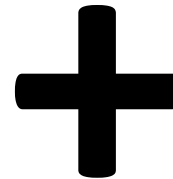


New design

- Improved synthetic rubber ring suitable from -45°C to $+70^{\circ}\text{C}$
- Main ring made by two plastic materials with improved wear behavior

Available:

- D8-D9-D10 BPR2 system in all sections
- D4 – standard design
- D5 – standard design
- D6 – standard design
- D8 – CR4525D - BPR system in master link section only
- D9 – standard design
- D275A-2 – KM2544D - standard design
- D375A-1 – KM2544D - standard design



NEW OIL : suitable for Standard and Artic use

Soon available:

- D11- BPR2 design in all sections
- D65 – standard design
- D275A-5 - BPR system in all sections
- D375A-3 – KM1247C – standard design
- D375A-5 - BPR system in all sections
- D475A-5 – BPR system in all sections