

## Improved Undercarriage for CAT Dozers

### Introduction

Berco during the years has always spent strong effort to improve and develop all products, the R&D department works to achieve the best possible design for reliability and strength. In this document we will focus on Berco offer for Caterpillar Dozers.

### Technical improvements for models: D3G, D4G, D5G

#### Track Chains:

- Track chains with increased bushing diameter and a new sprocket segment design for a longer life and improved wear resistance, all models
- In comparison with the "C" series models, these machines use a hydrostatic power transmission. Due to this reason all the track chains have been changed.

### Technical improvements for models: D5M, D5N, D6M, D6N, D6R, D7R

#### Track Chains:

- Heavy duty seal groups and track chains, all models (please see Product Bulletin N.3, "Berco Heavy Duty HD Track Chains", for further technical specifications)

#### Track Rollers:

- New design with "Duo Cone" seal groups for a longer life and improved wear resistance, all models



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- Roller has center flange shaft and bushing case to ensure a correct lubrication in any condition, all models
- New collar design, no end caps are required, all models

Idlers:

- New design with "Duo Cone" seal groups for a longer life and improved wear resistance, all models

### **Technical improvements for models: D8N, D8R, D9N, D9R, D10R, D10T, D11R**

Track Chains:

- Track chains with BPR "Berco Pin Retention" (please see Product Bulletin N.2, "Berco Pin Retention - BPR", for further technical specifications)
- Heavy duty seal groups for a longer life, all models
- New Heavy Duty Super Extreme Service track chains for models D8N e D8R, to guarantee a longer life even in severe applications

Track Rollers:

- Heavy duty seal groups for a longer life and improved wear resistance, all models
- Seal groups with semi-arctic rubber rings, designed to work even in very low temperature conditions, all models
- Improved bolt size for better flange retention

Idlers:

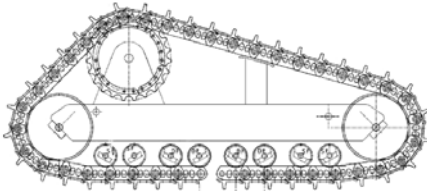
- Heavy duty seal groups for a longer life and improved wear resistance, all models
- Seal groups with semi-arctic rubber rings, designed to work even in very low temperature conditions, all models



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### Berco Part Numbers for Cat Dozers

UNDERCARRIGE SPECIFICATIONS	TYPE	TRACK GROUP ASS'Y	LINK ASS'Y	SHOE REGULAR	SHOE MASTER	SPROCKET SEGMENT	SEGMENT GROUP	TRACK ROLLER SINGLE FLANGE	TRACK ROLLER DOUBLE FLANGE	IDLER ASS'Y	CARRIER ROLLER				
<b>D3G D4G</b>															
XL LGP	MS 9/16	CR6635	CR6616	CR4583	CR4584	CR6618 190-7396	CR6619 Z = 25	CR3000A 178-0614	CR3001A 178-0615	CR3004 106-9187	CR3002 6S3609				
<b>D5G</b>															
XL LGP	MS 5/8"	CR6861	CR6856	CR4358		CR6600 197-9678 Z=5 x 3 CR6601 197-9677 Z=4 x 2	CR6602 Z = 23	CR6150 124-8237	CR6151 124-8240	CR5420	CR2880 6K9880				
	ES 5/8"	CR6607	CR6856	CR4358											
<b>D5M</b>															
XL LGP	HD MS	CR5569	CR5552	CR4358		CR5597 108-0946 Z = 5X5	CR5601 Z = 25	CR6150 124-8237	CR6151 124-8240	CR4585B 190-1551	CR2880 6K9880				
	HD ES	CR5570	CR5552	CR4826											
<b>D6M D6N</b>															
XL LGP	HD MS 3/4"	CR5469A	CR5465A	CR5450	CR5451	CR5874A 618077 Z = 5X5	CR5875A Z = 25	CR6152 121-0824	CR6153 121-0827	CR4589B 190-1546	CR4799A 6Y3908				
	HD SES 3/4"	CR5468A	CR5465A	CR5448	CR5449										
<b>D6R</b>															
STD XL	HD MS 3/4"	CR5550B	CR5534B	CR5320	CR5316	CR5514A 173-0946 Z=5X5	CR5515A Z=25	CR6088 120-5746	CR6089 120-5766	CR4616C 202-4304	CR4800B 6Y1781				
	HD ES 3/4"	CR5551B	CR5534B	CR4443	CR3695										
XR	HD MS 3/4"	CR5550B	CR5534B	CR5320	CR5316										CR4909B 202-4296
	HD ES 3/4"	CR5551B	CR5534B	CR4443	CR3695										
LGP	HD ES 3/4"	CR5551B	CR5534B	CR4443	CR3695										
<b>D7R</b>															
STD LGP	HD MS 7/8"	CR5590	CR5574	CR4526		CR5049A 173-0947 Z=5X5	CR5050A Z=25	CR2617B 124-8250	CR2615B 124-8253	CR4593B 192-0220	CR2876 1P8717				
	HD ES 7/8"	CR5591	CR5574	CR4054											
XR	HD MS 7/8"	CR5590	CR5574	CR4526											CR4911A 192-0224
	HD ES 7/8"	CR5591	CR5574	CR4054											



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UNDERCARRIGE SPECIFICATIONS	TYPE	TRACK GROUP ASS'Y	LINK ASS'Y	SHOE REGULAR	SHOE MASTER	SPROCKET SEGMENT	SEGMENT GROUP	TRACK ROLLER SINGLE FLANGE	TRACK ROLLER DOUBLE FLANGE	IDLER ASS'Y	CARRIER ROLLER
<b>D8N D8R</b>											
STD	NO BPR MS 7/8"	CR4638A	CR4525A	CR4526		CR5049A 173-0947 Z=5X5	CR5050A Z=25	CR4528D 196-9947 6YZ00367-UP 7XM05116-UP 9EM01216-UP	CR4529D 196-9946 6YZ00367-UP 7XM05116-UP 9EM01216-UP	CR4530C 111-1730 CR4531C 111-1729	CR4528D 196-9947 6YZ00367-UP 7XM05116-UP 9EM01216-UP
	NO BPR ES 7/8"	CR4639A	CR4525A	CR4054							
	HD SES 7/8"	LH1445A	LH1427A	CR4227		CR4539B Z=5X5	CR4532B Z=25				
<b>D9N D9R</b>											
STD	BPR ES 1"	CR6491	CR6479	CR4671		CR4687A 173-0949 Z=5 X 5	CR4686A Z=25	CR4672C 196-9955 ABK00471-UP ACL00678-UP	CR4673C 196-9954 ABK00471-UP ACL00678-UP	CR4681C 125-4655	CR4672C 196-9955 ABK00471-UP ACL00678-UP
<b>D10R D10T</b>											
STD	BPR ES 1 1/8"	CR6076D	CR6075D	CR5040	CR5186						
	BPR SES 1 1/8"	CR6149D	CR6075D	CR5272	CR5273						
	NO BPR ES 1 1/8"	CR5261E	CR5038E	CR5040	CR5186	CR5048A 173-0950 Z = 5 X 5	CR5047A Z=25	CR5041B 195-5855	CR5043B 195-5856	CR5045C 125-3537	CR5041B 195-5855
	NO BPR SES 1 1/8"	CR5274C	CR5038E	CR5272	CR5273						
<b>D11R</b>											
STD	BPR ES 1 3/8"	CR5669C	CR5622C	CR5665A	CR5666A	CR5765A 172-6771 CR5766A 172-6770	CR5670A Z = 23	CR5614B 184-6305	CR5615B 184-6306	CR5676D 187-1484	CR5614B 184-6305

- MS** = Moderate Service
- ES** = Extreme Service
- SES** = Super Extreme Service
- BPR** = Berco Pin Retention
- NO BPR** = NO n Berco Pin Retention

For further technical information, please check the **BOPIS** .