

Casing Roller

The Gotco Casing Roller is a repair tool designed to restore buckled, collapsed, and dented casing to its original diameter.

Gotco Casing Roller

To Roll Casing Size	2 ³ / ₈ Tub	2 ⁷ / ₈ Tub	3 ¹ / ₂ Tub	4 & 3 ¹ / ₂ LP 4 Tub
Top Connection	1 ¹³ / ₁₆ WFJ	1 ¹³ / ₁₆ WFJ	1 ¹ / ₄ Reg	1 ¹ / ₂ EUE
Circulation Hole	3 ³ / ₈	3 ³ / ₈	5 ⁵ / ₁₆	1 ¹ / ₄
Individual Roller Length	3	3	3	4
Gotco Part No.	CR-23	CR-27	CR-34	CR-4

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To Roll Casing Size	4 ¹ / ₂ , 4 ³ / ₄ 5 CSG	5 ¹ / ₂ , 5 ³ / ₄ 6 CSG	6 ⁵ / ₈ 7 CSG	7 ⁵ / ₈ 8 ⁵ / ₈ CSG
Top Connection	2 ³ / ₈ Reg	2 ⁷ / ₈ Reg	3 ¹ / ₂ Reg	4 ¹ / ₂ Reg
Circulation Hole	1 ¹ / ₂	5 ⁵ / ₈	1	1 ¹ / ₄
Indiv. Roller Length	4	5	6	7
Gotco Part No.	CR-5	CR-54	CR-7	CR-85

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To Roll Casing Size	9, 9 ⁵ / ₈ 10* CSG	10 ³ / ₄ , 11 ³ / ₄ 12 CSG	13, 13 ³ / ₈	16, 18 ⁵ / ₈
Top Connection	4 ¹ / ₂ Reg	6 ⁵ / ₈ Reg	6 ⁵ / ₈ Reg	6 ⁵ / ₈ Reg
Circulation Hole	1 ¹ / ₂	1 ³ / ₄	2	2
Individual Roller Length	8	9	10	11
Gotco Part No.	CR-95	CR-106	CR-133	CR-185

How to Order Gotco Casing Roller

When ordering, please specify:

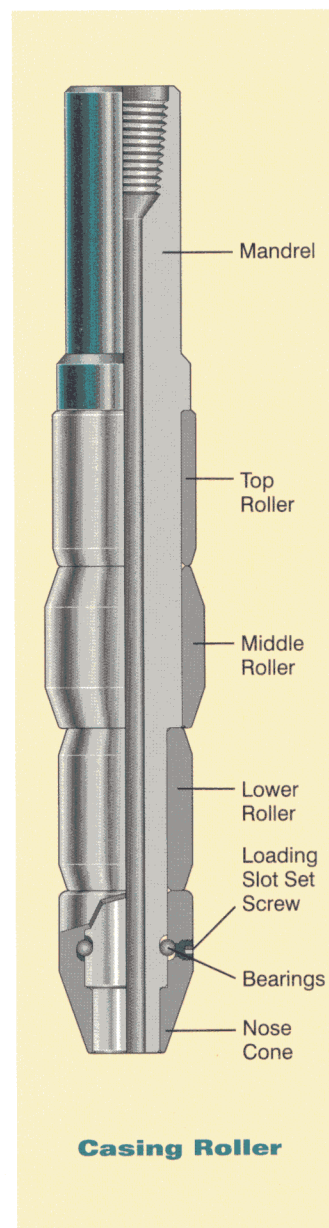
- Name and assembly part number.
- Casing size and weight.
- Top connection, if nonstandard.

Construction

Manufactured from specially selected alloys, designed specifically to resist wear, the casing roller can be used to restore any size and weight of casing. The casing roller consists of a mandrel with a box connection up and three heavy duty rollers. The I.D. of each roller is precision ground to assure proper rotation on the mandrel. Securing the rollers to the mandrel is a nose cone which is retained by large ball bearings. A through bore provides circulation capabilities. Tools may be run effectively at relatively slow rotary speeds and are available with left-hand connections if desired.

Operation

The casing roller should be made up to the bottom of the drill string. Lower the pipe and rotate slowly until the damaged section is reached. Start circulation, increase rotation speed and continue to lower slowly. The tapered nose cone will enter and guide the tool, allowing it to open the collapsed portion to its original size. Use of too little pressure will wear the tool without restoring the casing. Be sure adequate downward pressure is maintained. Add drill collars if the string weight is insufficient to assure continued downward progress.



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