



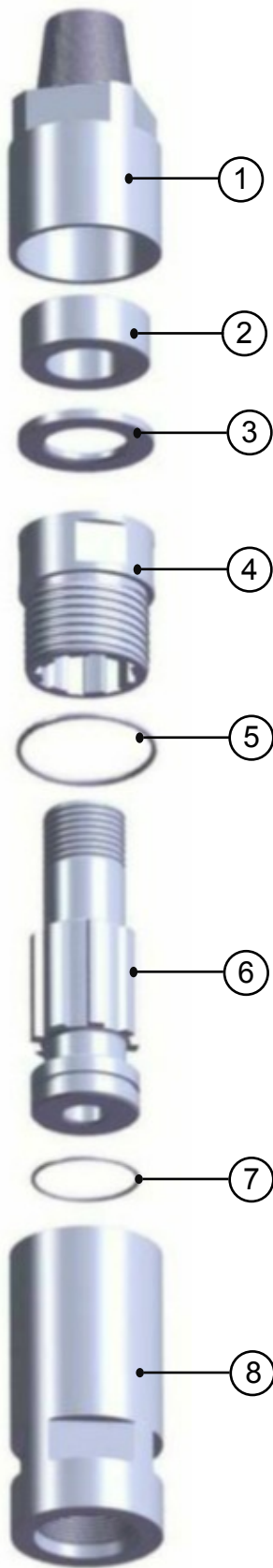
# HD Shock Absorbers 12" - 14"

Technical Brochure



Certificate Number 2446/00  
ISO9001

## Bulroc HD Series Shock Absorbers for use with larger hammers



Size	HDSA12 6 5/8" API	HDSA14 6 5/8" API
Effective Length	724 mm / 28.5"	727 mm / 28.6"
Outside Diameter	254 mm / 10.0"	311 mm / 12.2"
Net Weight	229 Kg / 504 lbs	230 Kg / 506 lbs

Components		HDSA12 6 5/8" API	HDSA14 6 5/8" API
1	Top Connector	SA12ST0880M	SA14ST0880M
2	Buffer	SA12ST05	SA12ST05
3	Thrust Washer	SA12ST04	SA12ST04
4	Nut	SA12ST01	SA14ST01
5	Breakout Washer	SA12ST25	SA14ST25
6	Shaft	SA12ST02	SA12ST02
7	Shaft 'O' Ring	SA12ST03	SA12ST03
8	Bottom Connector	SA12ST0980F	SA14ST0980F
Complete		SA12ST080MF	SA14ST080MF



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