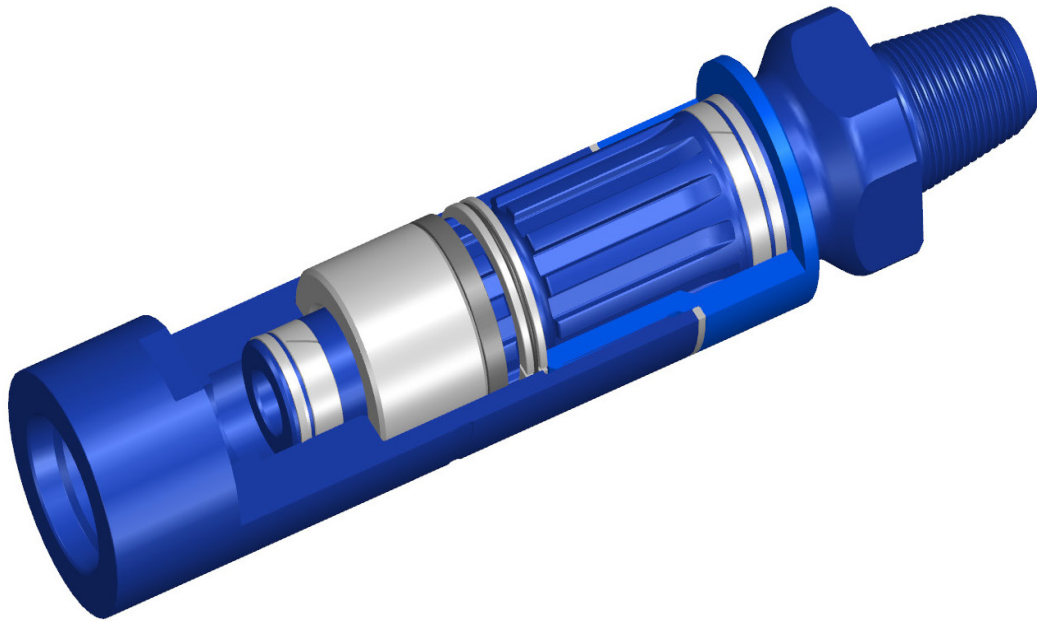


DKSA50

SHOCK SUB



Key features

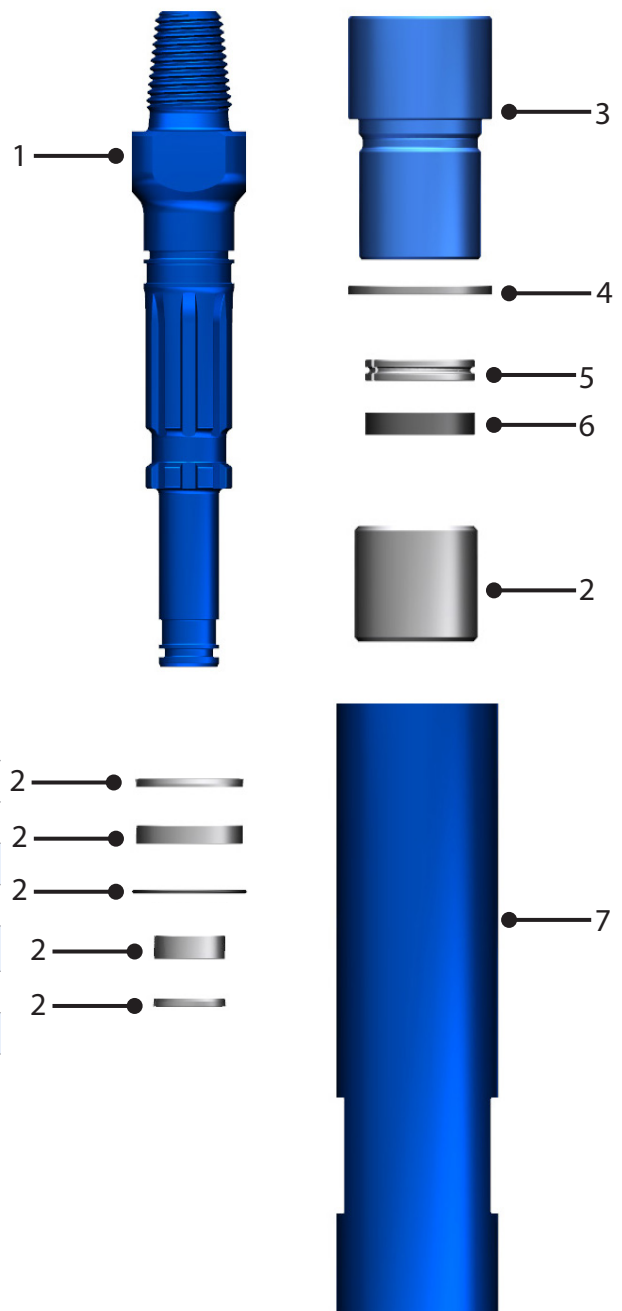
- Innovative heavy duty design for Air and Water drilling applications
- Low cost protection for rotation head and drill string
- Increased drive splines for better torque handling and wear resistance

Exploded view

Parts List

No	Part Name	Qty	Part Number
1	Splined Pin Drive Shaft	1	DKSA-P5501
2	O-Ring Sealkit	1	DKSA-P5SEALKIT
3	Top Nut	1	DKSA-P5502
4	Breakout Ring	1	DKSA-P5503
5	Retainer Ring	1	DKSA-P5504
6	Spacer	1	DKSA-P5505
7	Lower sub Housing	1	DKSA-P5507
Complete Shock Absorber			DKSA5-3.5PXB

*Seal kit contains Buffer



Technical Specifications

Thread Connection	3 1/2" API REG PIN/BOX
Eff Length (in / mm)	19.4 / 493
OD (in / mm)	4.76 / 121
Weight (lbs / Kg)	77 / 35
Assembly Make-up Torque (lb-Ft / N-m)	4500 / 6102
Rotation Torque (lb-Ft / N-m)	725 / 983

Maintenance Requirements

**** CAUTION! ALWAYS USE PROPER TOOLS AND PROTECTIVE WEAR WHEN BREAKING OUT ANY DRILLING TOOLS ****

1. Break out only on wrench flats on splined pin drive shaft and wrench flats on sub housing. Do not break out on the top nut!
2. Visually inspect metal components for excessive wear.
3. Visually inspect pin connection for fatigue / cracking.
4. Replace all soft packing with DKI XT pro series soft pack kit every 180 days or 500 drilling hours.
5. Wear limit exceeded when dimensions on splines exceed 2.5 mm.
6. Lubricate all components using DKI ECO-lube to ensure best performance and longest tool life.
7. Reassemble as shown in diagram and torque up using proper tools on the wrench flats.