

RapidShift® Sleeve System

OVERVIEW

The Halliburton RapidShift® stimulation and production sleeve system allows selective multi-zone stimulation treatment through the production string – cemented or open hole. This versatile sleeve can be operated by either a surface ball-drop system for increased completion efficiency or by a hydro-mechanical shifting tool run on coiled or jointed tubing.

The sleeves are actuated by releasing a ball into the treatment fluid stream, landing it on a baffle in the sleeve, and applying additional hydraulic pressure to shift the sleeve open to expose the ports above the baffle. This permits zonal stimulation through the selected sleeve by diverting flow to the open ports and isolating lower zones from the treatment. After stimulation, cleanup is assisted by flowing all lower zones simultaneously. The ball and seats are millable to provide full wellbore access and allow selective opening and closing for the life of the well.

When using the mechanical shift RapidShift sleeve system, there is no limit to the number of sleeves that can be run in a single completion string. This system allows selective opening and closing for stimulation and production with full wellbore access by using the hydro-mechanical shifting tool.

FEATURES

- » Enhanced seal design
- » Ball-drop actuated / Mechanically actuated
- » Various metallurgy options
- » B-type shift profile and Halliburton specific shift profile
- » Slim bore/ low profile design

BENEFITS

- » Underbalanced / Overbalanced shifting capability
- » Flexibility of options for actuating sleeves
- » Standard and H²S compatible tools
- » Flexibility of shift profile options
- » Reduces equivalent circulating density considerations for cemented applications



RapidShift® System Specifications

Casing Size in.	Tool OD in. (mm)	Tool ID in. (mm)	Maximum Temperature °F (°C)	Maximum Pressure psi (MPa)
3 1/2	4.40 (111.76)	2.818 (71.58)	350 (177)	10,000 (68.95)
4 1/2	5.70 (144.78)	3.75 (95.25)	350 (177)	10,000 (68.95)
5 1/2	7.25 (184.15)	4.67 (118.62)	350 (177)	10,000 (68.95)

¹ High Pressure / High Temperature tools available

* Dimensions shown are for reference and general consideration in planning for RapidStage® sleeve offerings. For precise dimensions on standard offering and product extensions, please contact your local Halliburton Completion Tools representative.

For more information on the RapidShift® Sleeve System, please call your local Halliburton representation or email us at completions@halliburton.com.

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