

Wireline Setting Tools

RELIABLE SETTING OF SUBSURFACE DEVICES

OVERVIEW

Halliburton offers a comprehensive family of setting tools that provide industry-trusted reliability for deployment and setting of conventional wellbore devices, including plugs, packers, and cement retainers in both vertical and horizontal applications.

With a wide range of stroke lengths and setting forces available, Halliburton can provide the ideal setting-tool solution for your specific application.

Firing heads supplied with the setting tools accept a standard GO-style igniter, such as the Halliburton RF-Safe Igniter. Firing heads that accept the Halliburton RED® Igniter, an RF-Safe/Stray Voltage-Safe igniter, are also available.

These setting tools are not dependent on a specific oil level to achieve full stroke, making them less susceptible to wellbore temperatures, and their downhole self-bleeding action enables improved safety during operation.

BENEFITS

- » Provides reliable setting of subsurface devices
- » Ideal for vertical and horizontal applications
- » Less susceptible to downhole temperature
- » Pressure-Balanced System prevents presetting devices

FEATURES

- » High-pressure-rated tools available
- » Uses RED igniters for increased operational safety and efficiency
- » Self-bleeding action downhole for improved safety
- » Oil level not critical for device setting



Shorty Setting Tool Specifications

Description	PN	Diameter	RIH Length	Stroke	Stroked Length	Force	Pressure Rating
1 ¹ / ₁₆ -in. Long Stroke	101974677	1.69 in. (42.93 mm)	34.88 in. (88.60 cm)	10.07 in. (25.60 cm)	85.22 in. (216.46 cm)	15,000 lb (66.72 kn)	20,000 psi (137.90 Mpa)
2 ¹ / ₈ -in. Multistage	101971445	2.13 in. (54.10 mm)	90.06 in. (228.75 cm)	9.675 in. (24.57 cm)	100.56 in. (255.42 cm)	25,000 lb (111.20 kn)	20,000 psi (137.90 Mpa)
1 ¹ / ₁₆ -in. Shorty	101924801	1.69 in. (42.93 mm)	34.88 in. (88.60 cm)	3.36 in. (8.53 cm)	38.88 in. (98.76 cm)	15,000 lb (66.72 kn)	20,000 psi (137.90 Mpa)
2 ¹ / ₂ -in. Shorty	101965920	2.50 in. (63.50 mm)	57.56 in. (146.20 cm)	9.72 in. (24.68 cm)	68.06 in. (172.87 cm)	35,000 lb (155.69 kn)	17,000 psi (117.21 Mpa)
2 ³ / ₄ -in. Shorty ¹	101916335	2.75 in. (69.6 mm)	57.56 in. (146.20 cm)	9.72 in. (24.68 cm)	68.06 in. (172.87 cm)	35,000 lb. (115.69 kn)	25,000 psi (172.34 Mpa)
3 ¹ / ₂ -in. Shorty ²	102112757	3.50 in. (88.90 mm)	51.70 in. (131.30 cm)	8.75 in. (22.23 cm)	61.32 in. (155.75 cm)	57,500 lb (255.77 kn)	15,000 psi (103.42 Mpa)
3 ¹ / ₂ -in. Shorty ³	101974666	3.50 in. (88.90 mm)	53.19 in. (135.10 cm)	8.75 in. (22.23 cm)	62.81 in. (157.54 cm)	57,500 lb (255.77 kn)	20,000 psi (137.90 Mpa)
3 ¹ / ₂ -in. Shorty ⁴	102018569	3.50 in. (88.90 mm)	51.70 in. (131.30 cm)	8.75 in. (22.23 cm)	61.32 in. (155.75 cm)	57,500 lb (255.77 kn)	15,000 psi (103.42 Mpa)

¹ 2³/₄-in. Shorty delivered with lower connections cloning a Baker E-4 #10 WST

² GO Style Quick Change

³ SIE Style Quick Change. Note: Requires Contact Block 100014459 and Contact Plug 10132091

⁴ Shorty Setting tool without Firing Head

RED® Firing Head Adapters

Setting Tool	RED® Igniter	RED® Firing Head Adapter	Firing Head
1 ¹ / ₁₆ -in. Long Stroke	102351326	101293376	100013383
2 ¹ / ₈ -in. Multistage	102351326	101294740	100013383
1 ¹ / ₁₆ -in. Shorty	102351326	102011481	100013383
2 ¹ / ₂ -in. Shorty	102351326	101293430	100013383
2 ³ / ₄ -in. Shorty	102351326	101944433	100157532
3 ¹ / ₂ -in. Shorty ²	102351326	101741458	100014458

Note: All Setting tools come with firing head adapters that accept resistorized GO-style Igniter 100004220.

Not all available firing heads and adapters listed.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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