



DS MicroSet™

DS MicroSet¹ is a Factory-Assembled, Performance-Assured™, length-optimized setting tool that provides exceptional reliability and performance. The disposable tool comes with a pre-installed custom power charge and igniter holder; enhancing safety and ease of use.

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| Pre-Installed power charge eliminates explosive handling | Dual self-bleeding, controlled pressure release |
| Smooth plug setting through controlled slow burn | Positive shot confirmation from igniter disconnect |
| No firing head required | 100% maintenance free and disposable |

EASY ASSEMBLY

DS MicroSet arrives at the wellsite fully assembled, and directly attaches to the string of DynaStage™ (DS) perforating systems. Wellsite preparation is easy and foolproof; only requiring insertion of the Intrinsicly Safe™ IS2™ IG Plug and Go igniter before being attached to the gun string, tested and run downhole.

DS MicroSet can be tested before deployment with the Infinity Surface Tester. Once the tool string is deployed and has reached the desired depth in the well bore, the power charge in the DS MicroSet is initiated from surface with the Infinity Firing Panel, starting the setting sequence.

Because DS MicroSet functions based on pressure generated from gas combustion, no hydraulic oil is required. This further improves reliability and reduces the risk of human error.

The safest, most controllable and shortest disposable setting tool in the industry

DESIGN SIMPLICITY

DS MicroSet is maintenance free, eliminating the many shortcomings of reusable setting tools, including metal fatigue associated with multiple cycles, and altered metallurgy due to high temperatures from power charge initiation. These issues can result in pressure leakage, reducing performance and increasing down-time.

Compatible with virtually any third-party frac plug, DS MicroSet is a “one-and-done” setting tool.

ONE-STOP SHOP CONVENIENCE

DS MicroSet is an extension of the DynaStage (DS) family of Factory-Assembled, Performance-Assured perforating systems, and delivers a consistent level of safety, efficiency and reliability. The DS suite of products reduces customer reliance on multiple suppliers. Since all systems can be delivered factory assembled, directly to the well site, reliance on storage and assembly infrastructure also is reduced or eliminated.

DS MICROSET	#10 EQUIVALENT				#20 EQUIVALENT			
DynaStage Gun Size	2-3/4"	3-1/8"	3-3/8"	3-1/2"	3-1/8"	3-3/8"	3-1/2"	4"
Part Number	TBC	TBC	TBC	TBC	2330490	TBC	2330501	TBC
Outer Diameter	TBC mm / TBC"				97.3mm / 3.83"			
Weight	TBC kg / TBC lbs				21.5 kg / 47.4 lbs			
Tool Length	TBC mm / TBC"				620mm / 24.4"			
Total Makeup Length	TBC mm / TBC"				405mm / 15.95"			
Stroke Length	6"				7-1/2"			
Shear Force	40,000 lbf				60,000 lbf			
Hook-up Offset	7-1/2" Baker equivalent				6-1/2" Baker equivalent			
Pressure Rating	137.9 MPa / 20,000 psi				137.9 MPa / 20,000 psi			
Temperature Rating	up to 190degC / 375degF							
Power Charge	Included							
Shipping Class	UN0276 1.4C							

CONTACT US

¹Patent Pending