



Shaped Charges for  
Multiple Casing Strings  
Applications

## 39g DPU and 39g XPU

DynaEnergetics 39g DPU and 39g XPU shaped charges are specially designed and engineered to offer access to the most outer annulus and to the neighboring formation in multiple casing strings completions. The two shaped charges generate a cylindrically shaped jet which creates large and nearly constant entry holes through multiple casing strings. The large entry hole diameter, combined with DynaEnergetics high shot density hollow carrier guns systems, make both the 39g DPU and the 39g XPU the solution of choice for cement squeeze operations in multiple casing strings completions.

The above mentioned advantages combined with a formation penetration depth of at least 146 mm, make them also suitable to access unconsolidated reservoirs behind multiple casing strings.

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### FEATURES

- Entry hole diameter larger than 12.7 mm
- Compatible with DynaEnergetics hollow carrier gun system
- Compatible with wireline, TCP and coil tubing conveying methods
- Available in 114 mm and 178 mm hollow carrier gun systems with shot densities ranging from 13 to 50 spm
- Available both in RDX and HMX variants



**SPECIFICATIONS 39G DPU**

	7 in. 32 lbs / ft	9-5/8 in. 53.5 lbs / ft	13-3/8 in. 72 lbs / ft	TTP
EHD	16.76 mm	13.46 mm	-	149.86 mm
EHD	-	14.22 mm	13.46 mm	185.93 mm

GUN SIZE	SHOT DENSITY	PHASING	AVERAGE AREA OPEN TO FLOW
114 mm (L)	16.5 spm	60 °	2347 mm <sup>2</sup> /m
178 mm (L)	39 spm	135 °	5549 mm <sup>2</sup> /m
178 mm (L)	50 spm	140 °	7115 mm <sup>2</sup> /m

(L) to be shot in liquid only

**SPECIFICATIONS 39G XPU**

	7 in. 32 lbs / ft	9-5/8 in. 53.5 lbs / ft	13-3/8 in. 72 lbs / ft	TTP
EHD	12.95 mm	12.7 mm	13.46 mm	146.05 mm

GUN SIZE	SHOT DENSITY	PHASING	AVERAGE AREA OPEN TO FLOW
114 mm (L)	13 spm	60 °	1647 mm <sup>2</sup> /m
178 mm (L)	39 spm	135 °	4940 mm <sup>2</sup> /m
178 mm (L)	50 spm	140 °	6334 mm <sup>2</sup> /m

(L) to be shot in liquid only