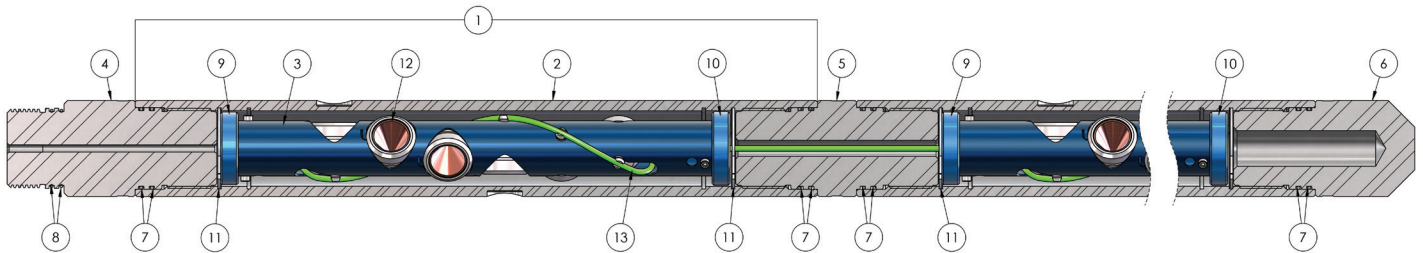


12 SPF (39 SPM) GUNFACTS®

Gun Body Material: Heat treated, seamless steel tubing
 Gun Body Configuration: Threaded and scalloped
 Charge Tube Type: Round steel tube
 Mode of Fire: Simultaneous or selective firing systems such as EBFire® and ControlFire®
 Initiation Point: Top or bottom fired options available for wireline and TCP
 Detonating Cord: 80 grains/foot
 O-Ring Material: Nitrile - 90 Durometer (Viton - 95 Durometer for temperatures >325°F [163°C])



Expendable (EXP) Scalloped Hollow Carrier Assembly and Components				
	ITEM	PART NO.	DESCRIPTION	Phase
Gun Assy.	1	0338-1D**-12D	4-5/8 in. (117 mm) Gun Assy.	135/45°
	2	0338-1**-12D	4-5/8 in. (117 mm) Carrier Body	135/45°
	3	0338-8**-12D	Charge Tube	135/45°
Common Parts	4	0338-000-001	Top Sub	
	5	0338-000-002	Tandem Sub	
	6	0338-000-003	Gun Bottom	
	7	0111-360-V95	O-Ring	
	8	0111-230-V95	O-Ring	
	9	0338-800-031	Chg. Tube End Fitting - Aligning	
	10	0338-800-031	Chg. Tube End Fitting	
	11	0407-200-037	Snap Ring	
	12		Shaped Charge	
	13		Detonating Cord	
TCP Conversion Kits (Not Pictured)				
		0506-500-150	Top TCP Booster Kit	
		0506-500-160	Tandem TCP Booster Kit	
			Associated Hardware (Page 72)	

Compatible Shaped Charges (Shaped Charge Summary - Page 88)				
Part Number	Type	Explosive Weight (g)	Application	Explosive Type
EXP-4039-423T	SDP	38.5	F	HMX
<i>EXP-7039-331</i>	GH	38.5	F	RDX
<u>FLO-7039-312CF</u>	BH	38.8	F	RDX
<u>FLO-7045-312CF</u>	BH	45.0	F	RDX

xxx-xxxx-3xxx for RDX, xxx-xxxx-4xxx for HMX, xxx-xxxx-5xxx for HNS
 Bold indicates API-19B certification
 Italics indicate API RP-43 certification
 Underlined Part Number indicates link to API Data Sheet available
 Application: "F" indicates that system is able to be fired in fluid
 "G" indicates that system is able to be fired in gas
 Phasing Compatibility: Refer to listed phasing(s) in Specifications table below

** Gun length. Common Lengths are 2, 3, 4, 5, 7, 11, 15, & 21 foot.
 Example: Use "02" for 2ft gun assembly; etc. (0338-1D02-12D)

Specifications - EXP Scalloped Hollow Carrier Assy.	12 SPF (39 SPM)
	135/45°
Nominal O.D. (in) [mm]	7.00 [178]
Nominal Thickness (in) [mm]	0.50 [12.7]
Gun Swell (in) [mm]: Ambient Fluid.	7.07 [180] ≤ 32.0g
Gun Swell (in) [mm]: Ambient Gas.	NR
Minimum Recommended Restriction (in) [mm]	7.50 [191]
Maximum Pressure (psi) [MPa]	13,000 [90]
Distance to First Scallop (in) [mm]	7.00 [178]
Approximate Weight - Loaded (lb/ft) [kg/m]	49.0 [72.8]
Max. Tension (lbft) [kN]	952,000 [4,233]

NR Not Recommended