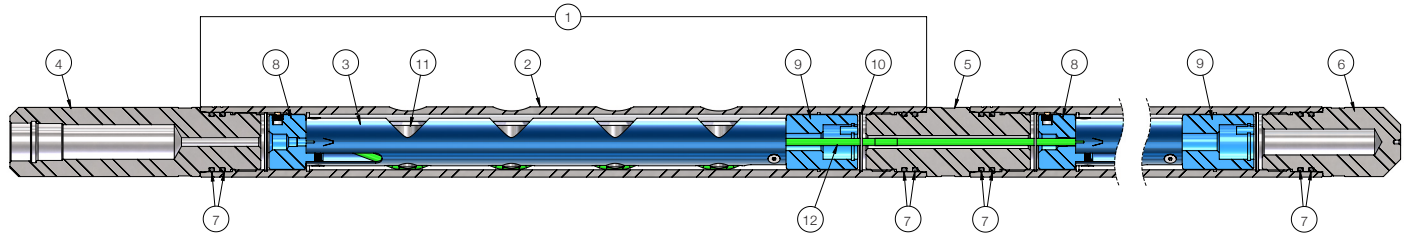


2 in. (51 mm) Scalloped Hollow Carrier Gun - Threaded



4 SPF (13 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: 40 grains/foot, FLAT RIBBON
 O-Ring Material: Nitrile - 90 Durometer (Viton - 95 Durometer for temperatures >325°F [163°C])



02 Scalloped Guns

Expendable (EXP) Scalloped Hollow Carrier Assembly and Components				
ITEM	PART NO.	DESCRIPTION	Phase	
Gun Assy.	1	0222-A**-041	2 in. (51 mm) Gun Assy.	0°
		0222-A**-046	2 in. (51 mm) Gun Assy.	60°
		0222-A**-044	2 in. (51 mm) Gun Assy.	90°
		0222-A**-042	2 in. (51 mm) Gun Assy.	180°
	2	0222-1**-041	2 in. (51 mm) Carrier Body	0°
		0222-1**-046	2 in. (51 mm) Carrier Body	60°
		0222-1**-044	2 in. (51 mm) Carrier Body	90°
		0222-1**-042	2 in. (51 mm) Carrier Body	180°
	3	0321-5**-041	Charge Tube	0°
		0321-5**-046	Charge Tube	60°
		0321-5**-044	Charge Tube	90°
		0321-5**-042	Charge Tube	180°
Common Parts	4	0222-000-001	Top Sub	
	5	0222-000-002	Tandem Sub	
	6	0222-000-003	Gun Bottom	
	7	0111-221-V95	O-Ring	
	8	0222-500-121	Chg. Tube End Fitting - Aligning	
	9	0222-500-131	Chg. Tube End Fitting	
	10	0222-200-037	Snap Ring	
	12		Detonating Cord	

Compatible Shaped Charges (Shaped Charge Summary - Page 86 & Page 90)				
Part Number	Type	Explosive Weight (g)	Application	Explosive Type
RTG-2104-421T	SDP	4.0	F, G	HMX
<u>RTG-2107-421T</u>	SDP	7.0	F, G	HMX
<i>RTG-2106-331</i>	GH	6.5	F, G	RDX
CIR-2107-4T251	KO	7.0	F, G	HMX
CIR-2107-4T381	KO	7.0	F, G	HMX
CIR-2107-4C501	KO	7.0	F, G	HMX
CIR-2107-4C631	KO	7.0	F, G	HMX

xxx-xxxx-8xxx 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
 KO indicates KnockOut circulating shaped charges
 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

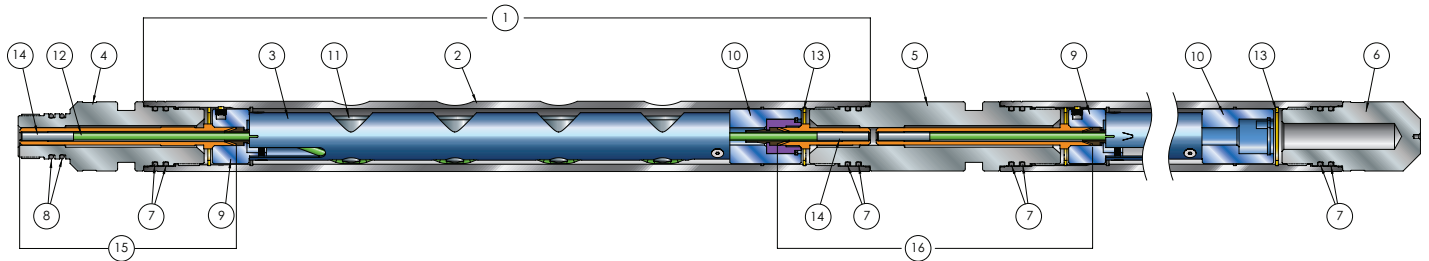
** Gun length. Common Lengths are 2, 3, 4, 5, 7, 11, 15, & 21 foot.
 Example: Use "02" for 2ft gun assembly; etc. (0222-A02-046)

Specifications - EXP Scalloped Hollow Carrier Assy.	4 SPF (13 SPM)			
	0°	60°	90°	180°
Nominal O.D. (in) [mm]	2.03 [52]			
Nominal Thickness (in) [mm]	0.21 [5.3]			
Gun Swell (in) [mm]: Ambient Fluid.	2.16 [55] ≤ 7.0g	2.18 [55] ≤ 7.0g	2.16 [55] ≤ 6.5g	2.17 [55] ≤ 6.5g
Gun Swell (in) [mm]: Ambient Gas.	2.21 [56] ≤ 7.0g	2.20 [56] ≤ 7.0g	2.20 [56] ≤ 7.0g	2.21 [56] ≤ 7.0g
Minimum Recommended Restriction (in) [mm]	2.50 [64]			
Maximum Pressure (psi) [MPa]	17,000 [117]	20,000 [138]		
Distance to First Scallop (in) [mm]	6.00 [152]			
Approximate Weight - Loaded (lb/ft) [kg/m]	6.00 [8.93]			
Max. Tension (lbf) [kN]	135,000 [601]			

N/R Not Recommended

4 SPF (13 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: TCP: Hydraulic, Ball Drop, Safety Impact or Direct Impact
 Initiation Point: Top or bottom fired options available for TCP
 Detonating Cord: 40 grains/foot, FLAT RIBBON
 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	0522-A**-041	2 in. (51 mm) TCP Gun Assy.	0°
		0522-A**-046	2 in. (51 mm) TCP Gun Assy.	60°
		0522-A**-044	2 in. (51 mm) TCP Gun Assy.	90°
		0522-A**-042	2 in. (51 mm) TCP Gun Assy.	180°
	2	0222-1**-041	2 in. (51 mm) Carrier Body	0°
		0222-1**-046	2 in. (51 mm) Carrier Body	60°
		0222-1**-044	2 in. (51 mm) Carrier Body	90°
		0222-1**-042	2 in. (51 mm) Carrier Body	180°
	3	0321-5**-041	Charge Tube	0°
		0321-5**-046	Charge Tube	60°
		0321-5**-044	Charge Tube	90°
		0321-5**-042	Charge Tube	180°
Common Parts	4	0522-000-021	TCP Grooved Top Sub	
	5	0522-000-032	TCP Grooved Tandem Sub	
	6	0222-000-003	Gun Bottom	
	7	0111-221-090	O-Ring	
	8	0111-215-090	O-Ring	
	9	0522-500-121	Chg. Tube End Fitting - Aligning	
	10	0222-500-131	Chg. Tube End Fitting	
	11		Shaped Charge	
	12		Detonating Cord	
	13	0222-200-037	Snap Ring	
	14	BOOSTER-HMX-600-T	Bi-Directional Booster	
15	0520-500-150	Top TCP Booster Transfer Kit		
16	0520-500-160	Tandem TCP Booster Transfer Kit		

Compatible Shaped Charges (Shaped Charge Summary - Page 86 & Page 90)				
Part Number	Type	Explosive Weight (g)	Application	Explosive Type
RTG-2104-421T	SDP	4.0	F, G	HMX
<u>RTG-2107-421T</u>	SDP	7.0	F, G	HMX
RTG-2106-331	GH	6.5	F, G	RDX
CIR-2107-4T251	KO	7.0	F, G	HMX
CIR-2107-4T381	KO	7.0	F, G	HMX
CIR-2107-4C501	KO	7.0	F, G	HMX
CIR-2107-4C631	KO	7.0	F, G	HMX

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

KO indicates KnockOut circulating shaped charges

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. (0522-A02-046)

Specifications - EXP Scalloped Hollow Carrier Assy.	4 SPF (13 SPM)			
	0°	60°	90°	180°
Nominal O.D. (in) [mm]	2.03 [52]			
Nominal Thickness (in) [mm]	0.21 [5.3]			
Gun Swell (in) [mm]: Ambient Fluid.	2.16 [55] ≤ 7.0g	2.18 [55] ≤ 7.0g	2.16 [55] ≤ 6.5g	2.17 [55] ≤ 6.5g
Gun Swell (in) [mm]: Ambient Gas.	2.21 [56] ≤ 7.0g	2.20 [56] ≤ 7.0g	2.20 [56] ≤ 7.0g	2.21 [56] ≤ 7.0g
Minimum Recommended Restriction (in) [mm]	2.50 [64]			
Maximum Pressure (psi) [MPa]	17,000 [117]	20,000 [138]		
Distance to First Scallop (in) [mm]	6.00 [152]			
Approximate Weight - Loaded (lb/ft) [kg/m]	6.00 [8.93]			
Max. Tension (lb) [kN]	135,000 [601]			

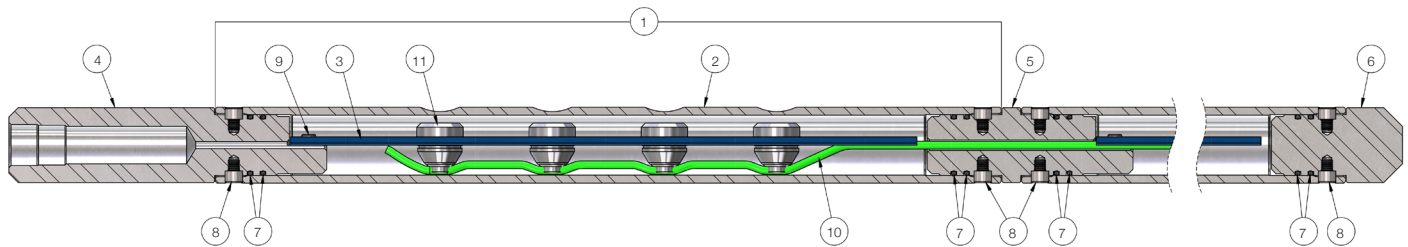
NR Not Recommended

2 in. (51 mm) Scalloped Hollow Carrier Gun - Bolted



4 SPF (13 SPM) GUNFACTS®

Gun Body Material: Heat treated, seamless steel tubing
 Gun Body Configuration: Bolted and scalloped
 Charge Tube Type: Round steel tube or flat strip option (for 0° and 180°)
 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: 40 grains/foot, FLAT RIBBON
 O-Ring Material: Nitrile - 90 Durometer (Viton - 95 Durometer for temperatures >325°F [163°C])



02 Scalloped Guns

Expendable (EXP) Scalloped Hollow Carrier Assembly and Components				
ITEM	PART NO.	DESCRIPTION	Phase	
Gun Assy.	1	0321-A**-041	2 in. (51 mm) Gun Assy.	0°
		0321-A**-046	2 in. (51 mm) Gun Assy.	60°
		0321-A**-044	2 in. (51 mm) Gun Assy.	90°
		0321-A**-042	2 in. (51 mm) Gun Assy.	180°
	2	0321-***-041	2 in. (51 mm) Carrier Body	0°
		0321-***-046	2 in. (51 mm) Carrier Body	60°
		0321-***-044	2 in. (51 mm) Carrier Body	90°
		0321-***-042	2 in. (51 mm) Carrier Body	180°
	3	0321-800-†††	Charge Strip	0°
		0321-5**-046	Charge Tube	60°
		0321-5**-044	Charge Tube	90°
		0321-800-†††	Charge Tube	180°
Common Parts	4	0321-000-001	Top Sub	
	5	0321-000-002	Tandem Sub	
	6	0321-000-004	Gun Bottom	
	7	0111-220-V95	O-Ring	
	8	0321-000-019	Cap Screw	
	9	0320-000-003	Cap Screw	
	10		Detonating Cord	
11		Shaped Charge		

Compatible Shaped Charges (Shaped Charge Summary - Page 86 & Page 90)				
Part Number	Type	Explosive Weight (g)	Application	Explosive Type
RTG-2104-421T	SDP	4.0	F, G	HMX
<u>RTG-2107-421T</u>	SDP	7.0	F, G	HMX
<i>RTG-2106-331</i>	GH	6.5	F, G	RDX
CIR-2107-4T251	KO	7.0	F, G	HMX
CIR-2107-4T381	KO	7.0	F, G	HMX
CIR-2107-4C501	KO	7.0	F, G	HMX
CIR-2107-4C631	KO	7.0	F, G	HMX

xxx-xxxx-8xxx 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
 KO indicates KnockOut circulating shaped charges
 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

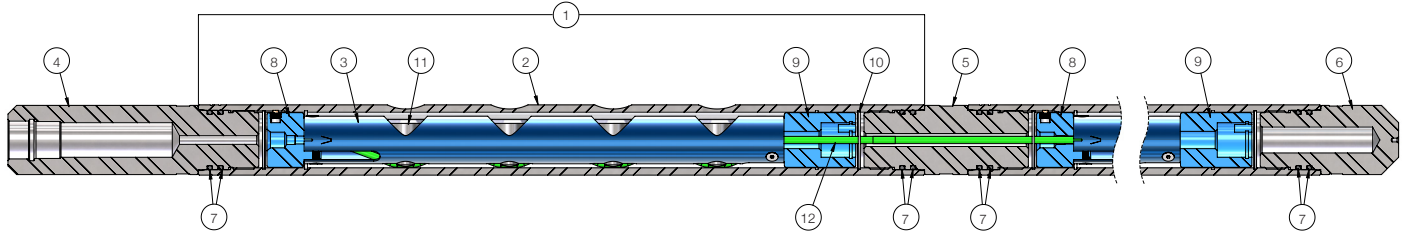
** Gun assembly length. Common Lengths are 2, 3, 4, 5, 7, 11, 15, & 21 foot.
 Example: Use "02" for 2ft gun; etc. (0321-A02-046)
 *** Carrier body length. Example: Use "021" for a 21 in carrier
 ††† Number of shots on the charge strip. Example: Use "080" for 80 shots.

Specifications - EXP Scalloped Hollow Carrier Assy.	4 SPF (13 SPM)			
	0°	60°	90°	180°
Nominal O.D. (in) [mm]	2.03 [52]			
Nominal Thickness (in) [mm]	0.21 [5.3]			
Gun Swell (in) [mm]: Ambient Fluid.	2.16 [55] ≤ 7.0g	2.18 [55] ≤ 7.0g	2.16 [55] ≤ 6.5g	2.17 [55] ≤ 6.5g
Gun Swell (in) [mm]: Ambient Gas.	2.21 [56] ≤ 7.0g	2.20 [56] ≤ 7.0g	2.20 [56] ≤ 7.0g	2.21 [56] ≤ 7.0g
Minimum Recommended Restriction (in) [mm]	2.50 [64]			
Maximum Pressure (psi) [MPa]	17,000 [117]	20,000 [138]		
Distance to First Scallop (in) [mm]	6.00 [152]			
Approximate Weight - Loaded (lb/ft) [kg/m]	6.00 [8.93]			
Max. Tension (lb) [kN]	55,000 [245]			

N/R Not Recommended

6 SPF (20 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: 40 grains/foot, FLAT RIBBON
 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.	0222-A**-061	2 in. (51 mm) Gun Assy.	0°	
	0222-HPA**-061†	2 in. (51 mm) Gun Assy.	0°	
	0222-A**-066	2 in. (51 mm) Gun Assy.	60°	
	0222-A**-062	2 in. (51 mm) Gun Assy.	180°	
	2	0222-1**-061	2 in. (51 mm) Carrier Body	0°
		0222-HP1**-061-2†	2 in. (51 mm) Carrier Body	0°
		0222-1**-066	2 in. (51 mm) Carrier Body	60°
	3	0321-5**-061	Charge Tube	0°
		0321-5**-066	Charge Tube	60°
0321-5**-062		Charge Tube	180°	
Common Parts	4	0222-000-001	Top Sub	
	5	0222-000-002	Tandem Sub	
	6	0222-000-003	Gun Bottom	
	7	0111-221-V95	O-Ring	
	8	0222-500-121	Chg. Tube End Fitting - Aligning	
	9	0222-500-131	Chg. Tube End Fitting	
	10	0222-200-037	Snap Ring	
11		Shaped Charge		
12		Detonating Cord		

Compatible Shaped Charges (Shaped Charge Summary - Page 86 & Page 90)				
Part Number	Type	Explosive Weight (g)	Application	Explosive Type
RTG-2104-421T	SDP	4.0	F	HMX
<u>RTG-2107-421T</u>	SDP	7.0	F	HMX
<i>RTG-2106-331</i>	GH	6.5	F	RDX
CIR-2107-4T251	KO	7.0	F	HMX
CIR-2107-4T381	KO	7.0	F	HMX
CIR-2107-4C501	KO	7.0	F	HMX
CIR-2107-4C631	KO	7.0	F	HMX

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
 KO indicates KnockOut circulating shaped charges
 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. (0222-A02-066)

† HP in the part number indicates a higher pressure rating

Specifications - EXP Scalloped Hollow Carrier Assy.	6 SPF (20 SPM)			
	HP 0° †	0°	60°	180°
Nominal O.D. (in) [mm]	2.03 [52]			
Nominal Thickness (in) [mm]	0.21 [5.3]			
Gun Swell (in) [mm]: Ambient Fluid.	2.19 [56] ≤ 7.0g		2.18 [55] ≤ 7.0g	No Test
Gun Swell (in) [mm]: Ambient Gas.	NR		2.22 [66.4] ≤ 7.0g	NR
Minimum Recommended Restriction (in) [mm]	2.50 [63]			
Maximum Pressure (psi) [MPa]	25,000 [172]	13,000 [90]	20,000 [138]	18,000 [124]
Distance to First Scallop (in) [mm]	5.50 [140]			
Approximate Weight - Loaded (lb/ft) [kg/m]	7.0 [10.42]			
Max. Tension (lbf) [kN]	135,000 [601]			

NR Not Recommended

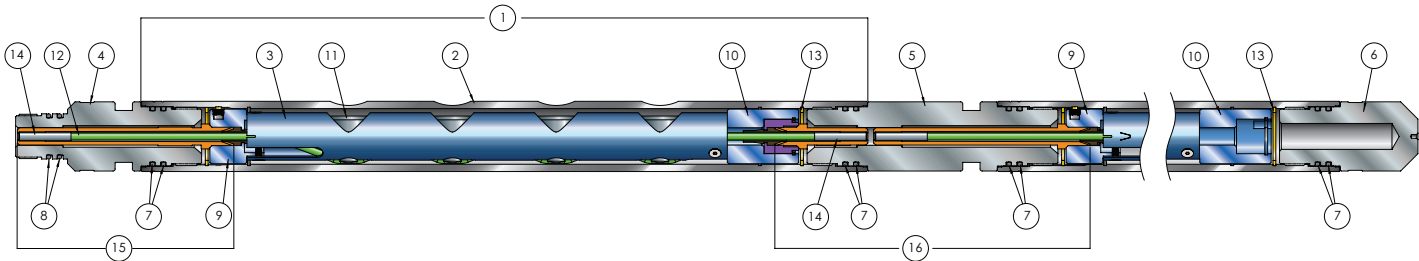
† HP High Pressure, guns containing HP in the part number

2 in. (51 mm) Scalloped Hollow Carrier Gun - TCP



6 SPF (20 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: TCP: Hydraulic, Ball Drop, Safety Impact or Direct Impact
 Initiation Point: Top or bottom fired options available for TCP
 Detonating Cord: 40 grains/foot, FLAT RIBBON
 O-Ring Material: Nitrile - 90 Durometer (Viton - 95 Durometer for temperatures >325°F [163°C])



02 Scalloped Guns

Expendable (EXP) Scalloped Hollow Carrier Assembly and Components			
ITEM	PART NO.	DESCRIPTION	Phase
Gun Assy.	0522-A**-061	2 in. (51 mm) TCP Gun Assy.	0°
	0522-A**-066	2 in. (51 mm) TCP Gun Assy.	60°
	0522-A**-062	2 in. (51 mm) TCP Gun Assy.	180°
	0222-1**-061	2 in. (51 mm) Carrier Body	0°
	0222-1**-066	2 in. (51 mm) Carrier Body	60°
	0222-1**-062	2 in. (51 mm) Carrier Body	180°
	0321-5**-061	Charge Tube	0°
	0321-5**-066	Charge Tube	60°
	0321-5**-062	Charge Tube	180°
Common Parts	0522-000-021	TCP Grooved Top Sub	
	0522-000-032	TCP Grooved Tandem Sub	
	0222-000-003	Gun Bottom	
	0111-221-090	O-Ring	
	0111-215-090	O-Ring	
	0522-500-121	Chg. Tube End Fitting - Aligning	
	0222-500-131	Chg. Tube End Fitting	
		Shaped Charge	
		Detonating Cord	
	0222-200-037	Snap Ring	
BOOSTER-HMX-600-T	Bi-Directional Booster		
0520-500-150	Top TCP Booster Transfer Kit		
0520-500-160	Tandem TCP Booster Transfer Kit		

Compatible Shaped Charges (Shaped Charge Summary - Page 86 & Page 90)				
Part Number	Type	Explosive Weight (g)	Application	Explosive Type
RTG-2104-421T	SDP	4.0	F	HMX
<u>RTG-2107-421T</u>	SDP	7.0	F	HMX
<i>RTG-2106-331</i>	GH	6.5	F	RDX
CIR-2107-4T251	KO	7.0	F	HMX
CIR-2107-4T381	KO	7.0	F	HMX
CIR-2107-4C501	KO	7.0	F	HMX
CIR-2107-4C631	KO	7.0	F	HMX

xxx-xxxx-8xxx 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
 KO indicates KnockOut circulating shaped charges
 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

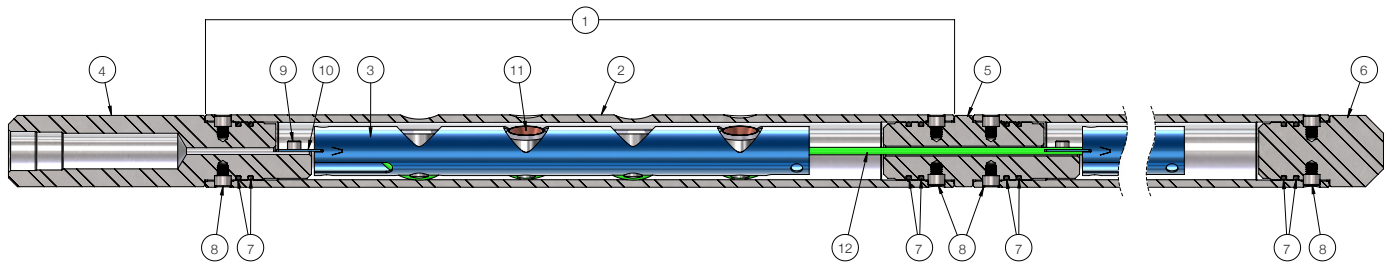
** Gun length. Common Lengths are 2, 3, 4, 5, 7, 11, 15, & 21 foot.
 Example: Use "02" for 2ft gun assembly; etc. (0522-A02-066)

Specifications - EXP Scalloped Hollow Carrier Assy.	6 SPF (20 SPM)		
	0°	60°	180°
Nominal O.D. (in) [mm]	2.03 [52]		
Nominal Thickness (in) [mm]	0.21 [5.3]		
Gun Swell (in) [mm]: Ambient Fluid.	2.19 [56] ≤ 7.0g	2.18 [55] ≤ 7.0g	No Test
Gun Swell (in) [mm]: Ambient Gas.	NR	2.22 [66.4] ≤ 7.0g	NR
Minimum Recommended Restriction (in) [mm]	2.50 [63]		
Maximum Pressure (psi) [MPa]	13,000 [90]	20,000 [138]	18,000 [124]
Distance to First Scallop (in) [mm]	5.50 [140]		
Approximate Weight - Loaded (lb/ft) [kg/m]	7.0 [10.42]		
Max. Tension (lbf) [kN]	135,000 [601]		

NR Not Recommended

6 SPF (20 SPM) GUNFACTS®

Gun Body Material: Heat treated, seamless steel tubing
 Gun Body Configuration: Bolted 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: 40 grains/foot, FLAT RIBBON
 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.	0321-A**-061	2 in. (51 mm) Gun Assy.	0°
	0321-A**-066	2 in. (51 mm) Gun Assy.	60°
	0321-A**-062	2 in. (51 mm) Gun Assy.	180°
	0321-***-061	2 in. (51 mm) Carrier Body	0°
	0321-***-066	2 in. (51 mm) Carrier Body	60°
	0321-***-062	2 in. (51 mm) Carrier Body	180°
	0321-5**-061	Charge Tube	0°
	0321-5**-066	Charge Tube	60°
	0321-5**-062	Charge Tube	180°
Common Parts	0321-000-001	Top Sub	
	0321-000-002	Tandem Sub	
	0321-000-004	Gun Bottom	
	0111-220-V95	O-Ring	
	0321-000-019	Cap Screw	
	0320-000-003	Cap Screw	
	0321-500-031	Charge Tube Mounting Piece	
		Shaped Charge	
		Detonating Cord	

Compatible Shaped Charges (Shaped Charge Summary - Page 86 & Page 90)				
Part Number	Type	Explosive Weight (g)	Application	Explosive Type
RTG-2104-421T	SDP	4.0	F	HMX
<u>RTG-2107-421T</u>	SDP	7.0	F	HMX
RTG-2106-331	GH	6.5	F	RDx
CIR-2107-4T251	KO	7.0	F	HMX
CIR-2107-4T381	KO	7.0	F	HMX
CIR-2107-4C501	KO	7.0	F	HMX
CIR-2107-4C631	KO	7.0	F	HMX

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
 KO indicates KnockOut circulating shaped charges
 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. (0321-A02-066)

Specifications - EXP Scalloped Hollow Carrier Assy.	6 SPF (20 SPM)		
	0°	60°	180°
Nominal O.D. (in) [mm]	2.03 [52]		
Nominal Thickness (in) [mm]	0.21 [5.3]		
Gun Swell (in) [mm]: Ambient Fluid.	2.19 [56] ≤ 7.0g	2.18 [55] ≤ 7.0g	No Test
Gun Swell (in) [mm]: Ambient Gas.	NR	NR	NR
Minimum Recommended Restriction (in) [mm]	2.25 [57]		
Maximum Pressure (psi) [MPa]	13,000 [90]	20,000 [138]	18,000 [124]
Distance to First Scallop (in) [mm]	5.50 [140]		
Approximate Weight - Loaded (lb/ft) [kg/m]	7.0 [10.42]		
Max. Tension (lbf) [kN]	55,000 [245]		

NR Not Recommended