

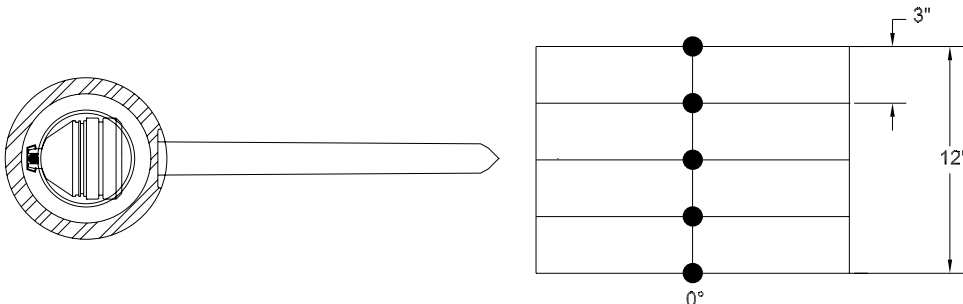
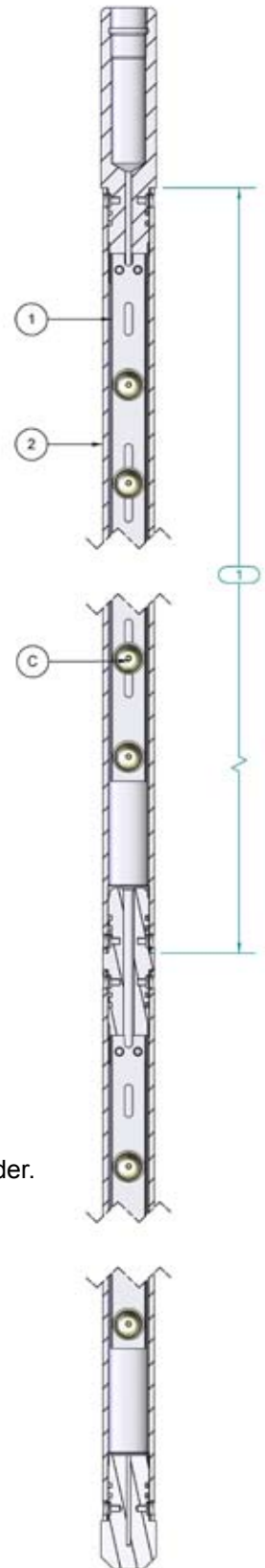


Item	Part No.	Description
1	R156-0438-004	Bolted Shipping Assembly, 1.563 OD X 4 FT, 4 SPF, 0°, 13 Shots
	R156-0633-007	Bolted Shipping Assembly, 1.563 OD X 7 FT, 4 SPF, 0°, 25 Shots
	R156-0438-011	Bolted Shipping Assembly, 1.563 OD X 11 FT, 4 SPF, 0°, 41 Shots
	R156-0438-015	Bolted Shipping Assembly, 1.563 OD X 15 FT, 4 SPF, 0°, 57 Shots
	R156-0438-021	Bolted Shipping Assembly, 1.563 OD X 21 FT, 4 SPF, 0°, 81 Shots
2	F107-0438-R04	Flat Strip, 1.070 OD X 4 FT, 4 SPF, 0°
	F107-0438-R07	Flat Strip, 1.070 OD X 7 FT, 4 SPF, 0°
	F107-0438-R11	Flat Strip, 1.070 OD X 11 FT, 4 SPF, 0°
	F107-0438-R15	Flat Strip, 1.070 OD X 15 FT, 4 SPF, 0°
	F107-0438-R21	Flat Strip, 1.070 OD X 21 FT, 4 SPF, 0°
3	B156-0400-004	Bolted Carrier, 1.563 OD X 4 FT, 4 SPF, 0°
	B156-0400-007	Bolted Carrier, 1.563 OD X 7 FT, 4 SPF, 0°
	B156-0400-011	Bolted Carrier, 1.563 OD X 11 FT, 4 SPF, 0°
	B156-0400-015	Bolted Carrier, 1.563 OD X 15 FT, 4 SPF, 0°
	B156-0400-021	Bolted Carrier, 1.563 OD X 21 FT, 4 SPF, 0°

ITEM	CIRCULATION CHARGE PART NUMBER	EXPLOSIVE TYPE	ENTRY HOLE (INCHES)	PENETRATION (INCHES)
C	RTG-1500-403	HMX	0.32	0.125 - 0.218
	RTG-1500-404	HMX	0.41	0.125 - 0.250
	RTG-1500-407	HMX	0.34	0.188 - 0.281
	RTG-1562-450	HMX	0.31	0.125 - 0.188
	RTG-1562-451	HMX	0.39	0.250 - 0.375
	RTG-1562-453	HMX	0.41	0.375 - 0.500
	RTG-1562-455	HMX	0.40	0.500 - 0.625
	RTG-1562-457	HMX	0.28	0.625 - 0.750
	RTG-1562-459	HMX	0.19	0.813 - 0.875

Note:

- 1) User must satisfy themselves as to the suitability of circulation charges for the application. Consult Owen for more details.
- 2) Charges & ancillary components for higher temperature applications are available by Special Order.
- 3) Application engineering also available for your special circulation needs.





Specifications		
Pressure Rating	155.1 Mpa	22,500 psi
Temperature	UP TO 288°C	UP TO 550°F
Max O.D. before Firing	39.67 mm	1.562"
Max O.D. after Firing (in fluid)	41.4 mm	1.63"
Max O.D. after Firing (in gas)	42.85 mm	1.687"
Gun Weight Loaded	4.1 kg/m	2.75 lb/ft

Item	Part No.	Description
4	RTG-1562-112	Shooting Adapter, 1-9/16" O.D.
5	RTG-1562-108	Tandem Sub, 1-9/16" Without Dart Seal
	RTG-1562-109	Tandem Sub, 1-9/16" With Dart Seal
6	RTG-1562-115	Bull Plug, 1-9/16"
7	RTG-1562-116	Blast Sleeve, 1-9/16"
8	PUR-0500-032	Socket Hd. Cap Screw, 1/4-20 x 1/4"
	PUR-0500-033	Socket Hd. Cap Screw, 1/4-20 x 3/8"
9	OOO-N569-214	O-Ring #214 Nitrile
	OOO-V569-214	O-Ring #214 Viton
A	A538010	Det Cord - Ribbon, 40 gr. RDX, Nylon LS
	A545010	Det Cord - Ribbon, 40 gr. HMX, Nylon LS
	A539010	Det Cord - Round, 40 gr. RDX, Nylon LS
	A544010	Det Cord - Round, 40 gr. HMX, Nylon LS
10	DET-3050-1252	E161, Detonator
11	AES-AS50028	Sub Adapter Assy. (See Reference Wireline Hardware Section)
12	AES-AS60067	1-9/16" Magnetic Decentralizer for Perforating (Reference Wireline Hardware Section)
13	RTG-1687-129	Charge Holding Clip (not included w/charge)
	OOO-N569-018	Charge Holding O-Ring

