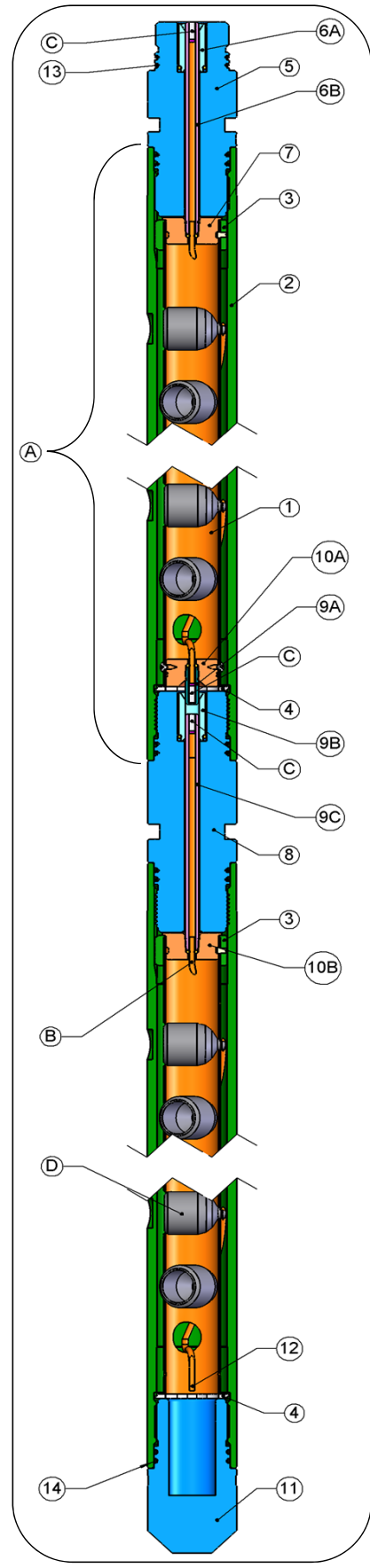
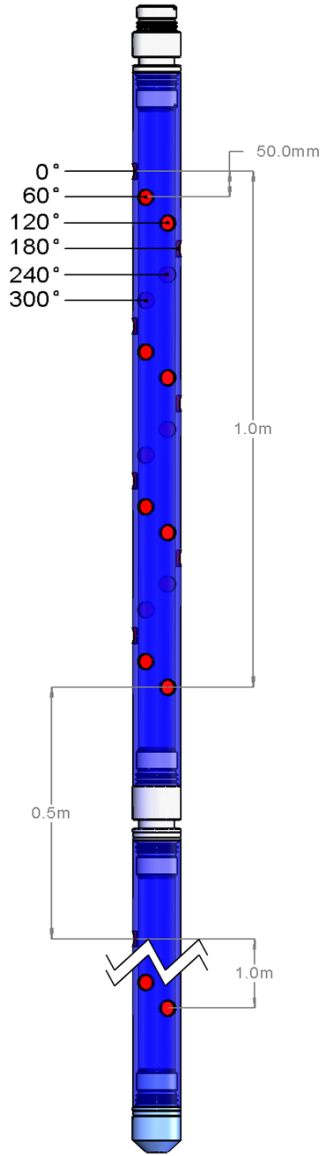
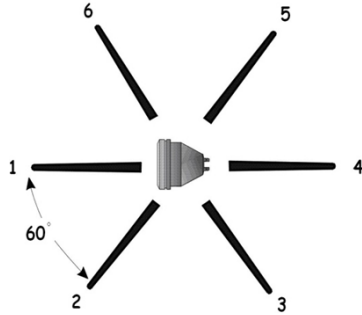


| Item | Part No. | Description | | |
|----------------|--|--|--|-----|
| A | 31-127-0908-10 | Scalloped Gun System, 127mm x 1.0m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-15 | Scalloped Gun System, 127mm x 1.5m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-20 | Scalloped Gun System, 127mm x 2.0m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-25 | Scalloped Gun System, 127mm x 2.5m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-30 | Scalloped Gun System, 127mm x 3.0m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-35 | Scalloped Gun System, 127mm x 3.5m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-40 | Scalloped Gun System, 127mm x 4.0m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-50 | Scalloped Gun System, 127mm x 5.0m, 16.5 spm, 60° Spiral | | |
| | 31-127-0908-60 | Scalloped Gun System, 127mm x 6.0m, 16.5 spm, 60° Spiral Includes items 1, 2, 3 and 4 | | |
| 1 | 39-051-0908-10 | Tube Strip, 51mm x 1.0m, 16.5 spm, 60° Spiral | 17 | |
| | 39-051-0908-15 | Tube Strip, 51mm x 1.5m, 16.5 spm, 60° Spiral | 25 | |
| | 39-051-0908-20 | Tube Strip, 51mm x 2.0m, 16.5 spm, 60° Spiral | 34 | |
| | 39-051-0908-25 | Tube Strip, 51mm x 2.5m, 16.5 spm, 60° Spiral | 42 | |
| | 39-051-0908-30 | Tube Strip, 51mm x 3.0m, 16.5 spm, 60° Spiral | 50 | |
| | 39-051-0908-35 | Tube Strip, 51mm x 3.5m, 16.5 spm, 60° Spiral | 58 | |
| | 39-051-0908-40 | Tube Strip, 51mm x 4.0m, 16.5 spm, 60° Spiral | 67 | |
| | 39-051-0908-50 | Tube Strip, 51mm x 5.0m, 16.5 spm, 60° Spiral | 83 | |
| | | 39-051-0908-60 | Tube Strip, 51mm x 6.0m, 16.5 spm, 60° Spiral | 100 |
| | 2 | 31-127-0900-10 | Scalloped Carrier, 127mm x 1.0m, 16.5 spm, 60° Spiral | |
| 31-127-0900-15 | | Scalloped Carrier, 127mm x 1.5m, 16.5 spm, 60° Spiral | | |
| 31-127-0900-20 | | Scalloped Carrier, 127mm x 2.0m, 16.5 spm, 60° Spiral | | |
| 31-127-0900-25 | | Scalloped Carrier, 127mm x 2.5m, 16.5 spm, 60° Spiral | | |
| 31-127-0900-30 | | Scalloped Carrier, 127mm x 3.0m, 16.5 spm, 60° Spiral | | |
| 31-127-0900-35 | | Scalloped Carrier, 127mm x 3.5m, 16.5 spm, 60° Spiral | | |
| 31-127-0900-40 | | Scalloped Carrier, 127mm x 4.0m, 16.5 spm, 60° Spiral | | |
| 31-127-0900-50 | | Scalloped Carrier, 127mm x 5.0m, 16.5 spm, 60° Spiral | | |
| | | 31-127-0900-60 | Scalloped Carrier, 127mm x 6.0m, 16.5 spm, 60° Spiral Includes item 4 | |
| 3 | | 30-127-0005-51 | Alignment Collar | |
| 4 | 30-127-0004-00 | Retaining Ring | | |
| 5 | 30-127-0001-75 | Top Sub, TCP | 13.2 kg (29.1 lbs) | |
| 6 | TCP-0100-375 | Top Sub Booster Transfer Kit | Includes 6A & 6B | |
| 7 | TC-261-2000-051 | Top Sub Booster Puck Kit | | |
| 8 | 30-127-0002-0L | Tandem Sub, Long TCP | 20.2 kg (44.5 lbs) | |
| 9 | TCP-0100-375L | Tandem Booster Transfer Kit | Includes 9A, 9B & 9C | |
| 10 | TC-251-2000-051 | Tandem Booster Insert (Puck) Kit | Includes 10A & 10B | |
| 11 | 30-127-0003-00 | Bottom Sub | 13.2 kg (29 lbs) | |
| 12 | DET-0010-001 | Det Cord End Seal | | |
| 13 | OOO-N569-230 | O-Ring, #230, 90 Duro Nitrile | | |
| | OOO-V569-230 | O-Ring, #230, 90 Duro Viton | | |
| | OOO-N569-346 | O-Ring, #346, 90 Duro Nitrile | | |
| | OOO-V569-346 | O-Ring, #346, 90 Duro Viton | | |
| | 14 | A578010 | Detonating Cord -LS 80gr., RDX | |
| A571010 | | Detonating Cord -LS 80gr., HMX | | |
| A570010 | | Detonating Cord XHV 80gr., RDX | | |
| A572010 | | Detonating Cord XHV 80gr., HMX | | |
| | Approx. Req'd Detcord Length = (1.136 X Gun Length in Meters) + 0.7m | | | |
| C | DET-3050-429 | Bi-Directional Booster | | |
| D | TAG-3375-311L | Charge, 19g RDX, DP | Dry | |
| | HSC-3375-301 | Charge, 20g RDX, BH | Dry | |
| | SDP-3375-311NT | Charge, 23g RDX, SDP, NT | Dry | |
| | SDP-3375-311NT3 | Charge, 25g RDX, SDP, NT3- Hero | Dry | |
| | SDP-3375-411NT3 | Charge, 25g HMX, SDP, NT3- Hero | Dry | |
| | SDP-3375-311NT4 | Charge, 25g RDX, SDP, NT4- Super-Hero | Dry | |
| | TAG-3375-302 | Charge, 25g RDX, GH | Dry | |
| -- | TAG-4000-701 | Blank Charge Case (Non Explosive) | | |

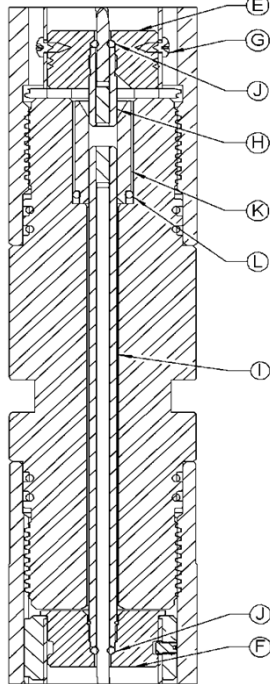


Notes:
 Refer to Technical Section for Temperature Ratings & selection
Worst Case Minimum Recommended Running ID 144.2 mm (5.675 in.)
 See API Data Sheets or call for Individual Charge running ID's.
 Tandem Shot Spacing = 468 mm



20spm 60°

Tandem Booster Transfer



See Tech Manuals
MAN-TC-251
Tandem
&
MAN-TC-261 Top
for more details on
booster transfer kits

| | |
|------------------------|--------|
| Firing Heads | A |
| See TCP Section | |
| Mech Impact | TC-010 |
| Econo Mech Impact | TC-011 |
| Mech Safety Impact | TC-012 |
| Pressure Activated | TC-020 |
| Press w/ Auto Vent | TC-023 |
| Pr. Auto Vent & Fill | TC-024 |
| Absolute Press | TC-026 |
| Coil Tubing Press | TC-030 |
| CT Safety Impact | TC-031 |
| CT AutoVent | TC-032 |
| Note: TC-011 is Shown | |

| | |
|------------------------------|---|
| Detonator | B |
| See Detonator Section | |
| Note: DET-3050-006 is Shown | |

| | |
|----------------------|--------|
| Wireline Firing Subs | C |
| Ported Top Fire Sub | WT-401 |

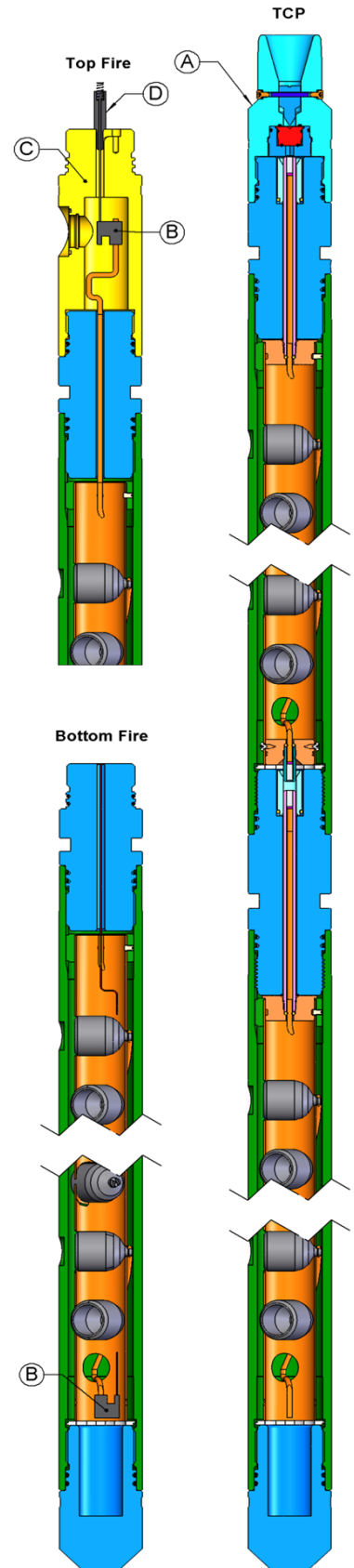
| | |
|------------------------|--------------------|
| Connectors | D |
| Electrical Conn. Assy. | HSC-0100-010 & 012 |

| Tandem Sub Booster Kit 2 in. (51 mm) Strip | |
|---|--|
| Part No. | Description |
| TC-251-2000-051 contains items E, F, & G | Tandem Booster Insert (Puck) Kit |
| TC-0100-375L contains items H, I, J, K, & L | Booster Kit |

| Specifications | | |
|-------------------|-------------------------|-------------|
| Pressure Rating | 72 Mpa | 10,500 psi |
| Tensile Strength | 97,500 daN | 219,100 lbf |
| Carrier Thread | 4.500 - 6 TPI Stub Acme | |
| Gun Weight Loaded | 35.2 kg/m | 23.6 lb/ft |

Note: Gun Weight Loaded = Carrier + Strip + Charges

Typical Configurations



| Optional Subs | | |
|----------------|-----------------------------------|--------------------|
| Part No. | Description | |
| 30-127-0001-00 | Top Sub, Wireline | 14.5 kg (32 lbs) |
| 30-127-0001-75 | Top Sub, TCP | 13.2 kg (29.1 lbs) |
| 30-127-0002-96 | Tandem Sub, Side Port Select Fire | 29.1 kg (64.2 lbs) |
| - | - | - |
| - | - | - |
| - | - | - |