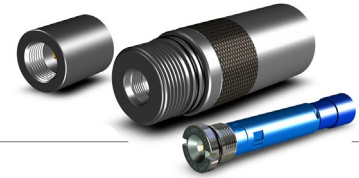


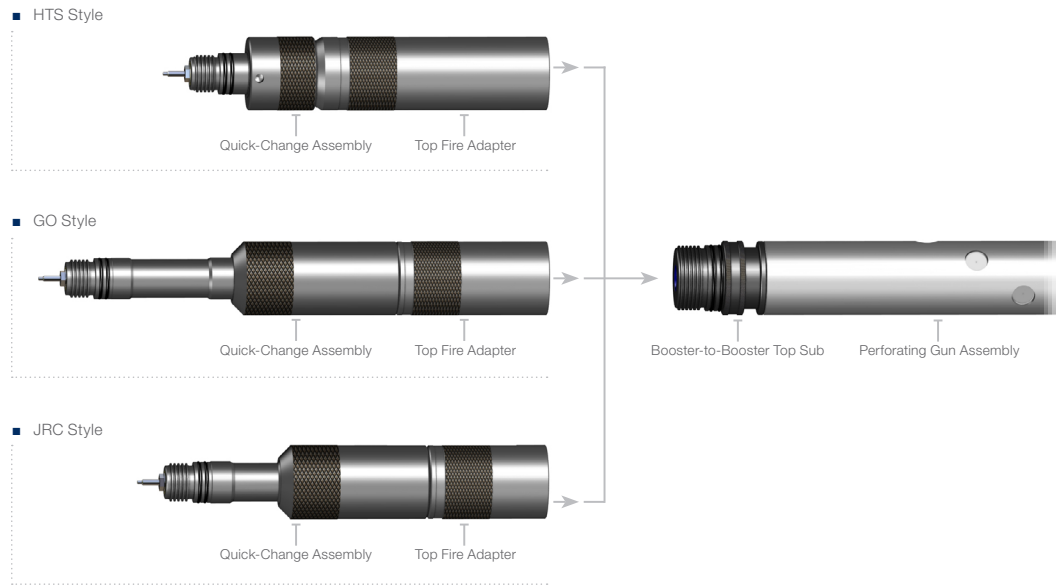
SBC Top Fire Adapter

Titan Division | TCP Hardware



Hunting’s new **SBC Top Fire Adapter (TFA)** harnesses the latest **ControlFire Cartridge** technology to provide a **wire-free and RF-Safe** solution for conventional systems. The system utilizes the same **short body ControlFire Cartridge (SBC)** used for selective firing gun systems, simplifying explosives inventory and logistics.

Top Fire Adapter Available for Each Style of Quick-Change Assembly



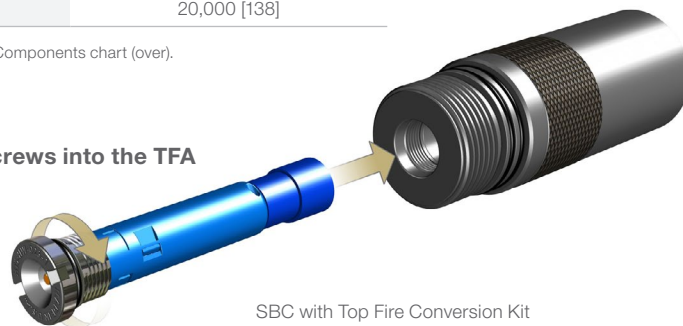
Specifications

TFA Part Number Style	O.D. (in)[mm]	Make-Up Length (in)[mm]	Weight (lb)[kg]	Lower Head Box Connection	Max. Tension (lbf) [kN]
0222-TFA-200 2" RTG	2.00 [51]	11.44 [291]	8.00 [3.63]	1-3/16"-12 UN	65,000 [289]
0362-TFA-320 2-3/4" HTS	2.75 [70]	11.18 [284]	13.1 [5.9]	2-3/8"-6 Acme	160,000 [712]
0362-TFA-300 2-3/4" GO	2.75 [70]	6.5 [165]	11.6 [5.3]	2-3/8"-6 Acme	160,000 [712]
0362-TFA-310 2-3/4" JRC	2.75 [70]	6.31 [160]	8.6 [3.9]	2-3/8"-6 Acme	160,000 [712]
0363-TFA-320 3-1/8" HTS	3.13 [79]	9.93 [252]	16.9 [7.7]	2-3/4"-6 Acme	178,000 [792]
0363-TFA-300 3-1/8" GO	3.13 [79]	6.44 [164]	15.7 [7.1]	2-3/4"-6 Acme	183,000 [814]
0363-TFA-310 3-1/8" JRC	3.13 [79]	5.06 [129]	10.1 [4.6]	2-3/4"-6 Acme	183,000 [814]

TFA P/N Series Style	Max. Temperature** (°F)[°C]	Max. Pressure (psi)[MPa]
0222 thru 0363 2" - 3-1/8"	375 [190]	20,000 [138]

** Optional. Temperature rating based on SBC Cartridge. Refer to ControlFire Components chart (over).

The ControlFire® Cartridge screws into the TFA enabling wire-free arming.

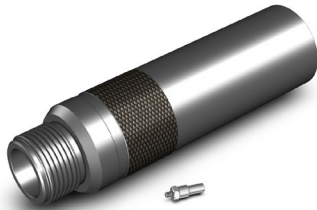


SBC with Top Fire Conversion Kit

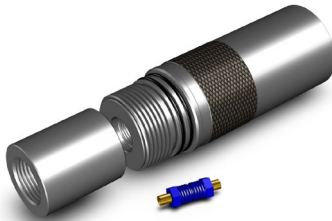
RTG Top Fire Adapter
2" & 2-1/2"



HTS Style Top Fire Adapter
2-3/4" - 7"



GO Style Top Fire Adapter
2-3/4" - 7"



JRC Style Top Fire Adapter
2-3/4" - 7"



Further Information

Global Headquarters

Hunting Energy Services Inc.
16825 Northchase Drive, Suite 600
Houston, Texas 77060-3236
USA
T. +1 281 442 7382

Hardware

2" & 2-1/2" Gun Systems		Part Number
	Top Fire Adapter	0222-TFA-200
RTG	EGN Adapter Sub Assy; GO	EGN-200-HW-230
	Contact Kit	EGN-200-HW-232

2-3/4" - 7" Gun Systems		Part Number	
		2-3/4" & 2-7/8"	3-1/8" - 7"
HTS Style	Top Fire Adapter	0362-TFA-320	0363-TFA-320
	Quick-Change	3271-275-230	3271-312-230
	Contact Kit	1083-000-074	
GO Style	Top Fire Adapter	0362-TFA-300	0363-TFA-300
	Quick-Change	0271-100-040	0256-100-040
	Contact Kit	0363-TFA-305-KIT	
JRC Style	Top Fire Adapter	0362-TFA-310	0363-TFA-310
	Quick-Change	0260-100-040	0260-100-000
	Contact Kit	0363-TFA-315	

Booster-to-Booster Top Sub*

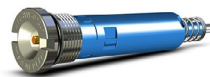
Diameter (in) [mm]	Part Number
2 [51]	0522-000-022
2-1/2 [64]	0528-000-022
2-3/4 [70] & 2-7/8 [73]	0562-000-101
3-1/8 [79]	0502-000-001
3-3/8 [86]	0503-000-001
4 [102]	0504-000-001
4-1/2 [114] & 4-5/8 [117]	0514-000-001
7 [178]	0507-000-001

* Refer to the Gun Systems and Accessories Catalog for additional information on the Booster-to-Booster Top Sub components

ControlFire® Components

Description	Part Number
ControlFire Cartridge SBC V2 375°F	DETO-SBC-HT73-T V2.0
ControlFire Recon Cartridge SBC V3 350°F	DETO-SBC-A140F-V3.0
SBC Top Fire Conversion Kit	0363-TFA-302
ControlFire Shooting Power Supply	9002-013-810-1
VeriFire® Panel	9002-013-210
Cartridge Installation Tool	HTS-UCP-100

ControlFire®
Cartridge SBC



SBC Top Fire
Conversion Kit



Warning

HMX explosives can undergo a phase transition at temperature exposure above 300°F [150°C]. Refer to RP67 for guidelines on special treatment for HMX explosives.