

## 1-11/16" and 2-1/8" Articulated Gun System



The new articulated chain gun system utilizes an encapsulated steel charge mounted on an expendable Zamac alloy connector. It is an ultra high performance expendable gun system for through-tubing applications. The system provides a more powerful explosive load than equivalent diameter retrievable hollow carriers (scalloped carrier). The Wireline string and firing head are recovered after perforation.

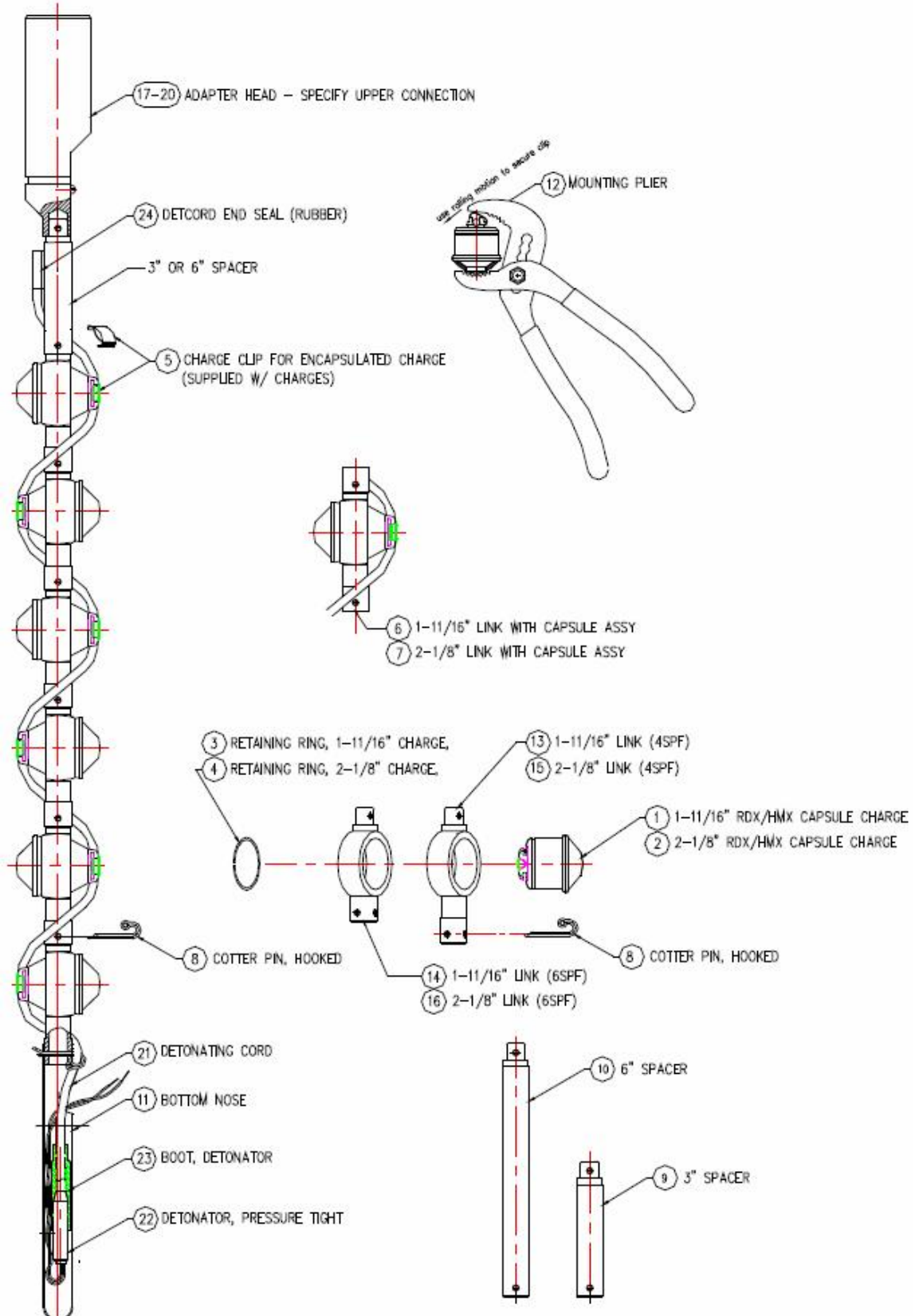
1. The strength and flexibility of articulated system allows the string to pass crooked tubing.
2. The charges may be run in mono or multiphase configuration up to 6 shots per foot.
3. The charges may be loaded with RDX, HMX or HNS (special mfg.).
4. The carrier strip is retrieved intact, together with the charge front caps providing a tell-tale indication that the charges have functioned correctly.
5. The debris is characterised by small steel chips that gravitate rapidly to bottom in conditions where aluminium case debris tend to float and bridge. The articulated chain connector is consumed in the detonating of the charge.
6. Reliable bottom-up firing is recommended.
7. In-line positioned firing assures maximum penetration of all charges and casing damage is minimised by the protection afforded by the strip.
8. Gun assembly is fast and convenient using detonating cord clips rather than threading cord as in competitive equipment.

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### SPECIFICATIONS

1	Gun size / charge		1-11/16"	2-1/8"
2	Explosive load		10.0 g	15.0 g
3	Standard shot density		6 Shots/ft	6 Shots/ft
4	Phasing		Zero or Multi Degree phasing	
5	Weight of Debris (per charge)		72 g	98 g
6	Minimum passage		1.78"	2.25"
7	Gun bend radius		6'	6'
8	Pressure Rating		20,000 psi	20,000psi
9	Temperature Rating:	RDX Charges	330 deg F for 1 Hr	
		HMX Charges	375 deg F for 1 Hr	
10	Positioning		Gravity assisted magnetic orientation.	

1-11/16" and 2-1/8" Articulated Gun Assembly



## 1-11/16" and 2-1/8" Articulated System Parts

ITEMS	DESCRIPTION
1	LNK 10g RDX DP
	LNK 10g HMX DP
2	LNK 15g RDX DP
	LNK 15g HMX DP
	LNK 15g RDX BH
	LNK 15g HMX BH
3	Retaining Ring, 1-11/16" Capsule Charge
4	Retaining Ring, 2-1/8" Capsule Charge
5	Charge Clip for Encapsulated Charge
6	1-11/16" Link (w/ Capsule Assembly)
7	2-1/8" Link (w/ Capsule Assembly)
8	Cotter Pin, Hooked
9	3" Spacer, Capsule Gun
10	6" Spacer, Capsule Gun
11	Bottom Nose
12	Mounting Plier, f/ Detcord Clip
13	1-11/16" Link 4SPF
14	1-11/16" Link 6SPF
15	2-1/8" Link 4SPF
16	2-1/8" Link 6SPF
17	1-11/16" Adaptor Head (Feed Thru)
18	1-11/16" Adaptor Head (Pigtail)
19	2-1/8" Adaptor Head (Feed Thru)
20	2-1/8" Adaptor Head (Pigtail)
21	Detonating Cord
22	Detonator
23	Boot, Detonator
24	Detonating Cord End Seal (Rubber)