

# GEODynamics Perforating Systems

## Mechanical Performance Data Summary



Gun Type	Charge Size/Type	Charge Part Number	Perforating Condition	Maximum Swell	Pressure Rating	Tensile (lbs)*
1-9/16" 6 spf	3.2 g HMX RaZor	EC1-15A0322	Dry	1.69"	20,000	88,100
1-3/4" 6 spf	5.1 g HMX RaZor	EC1-17A0522	Fluid	1.91"	20,000	88,100
2" 6 spf	6.8 g HMX RaZor	EC1-20A0722	Fluid	2.14"	20,000	153,100
2" 6 spf	6.5 g HMX RaZor XLS	EC1-20B0722	Fluid or Dry	2.22"	20,000	153,100
2" 6 spf	6.8 g HMX ConneX	EC2-20A0722-RC	Fluid	2.18"	20,000	153,100
2" 6 spf	6.5 g HMX ConneX XLS	EC2-20B0722-RC	Fluid or Dry	2.22"	20,000	153,100
2-3/4" 6 spf	15.0 g HMX RaZor	EC2-27A1522	Fluid or Dry	2.90"	25,000	176,600
2-3/4" 6 spf	15.0 g HMX ConneX	EC2-27A1522-RC	Fluid or Dry	2.91"	25,000	176,600
2-7/8" 6 spf	15.0 g HMX RaZor	EC2-27A1522	Fluid or Dry	3.13"	25,000	213,700
2-7/8" 6 spf	15.0 g HMX ConneX	EC2-27A1522-RC	Fluid or Dry	3.13"	25,000	213,700
3-1/8" 6 spf	22.7 g HMX RaZor	EC2-33A2322	Fluid	3.41"	22,500	245,200
3-1/8" 6 spf	22.7 g HMX ConneX	EC2-33A2322-RC	Fluid	3.41"	22,500	245,200
3-1/8" 6 spf	19.0 g HMX XDP	EC2-33A1922	Fluid	3.46"	22,500	245,200
3-1/8" 4 spf	19.0 g HMX XDP	EC2-33A1922	Fluid or Dry	3.60"	22,500	245,200
3-3/8" 6 spf	25.0 g HMX RaZor	EC2-33B2522	Fluid	3.56"	22,700	388,300
3-3/8" 6 spf	22.7 g HMX RaZor	EC2-33A2322	Fluid or Dry	3.62"	22,700	388,300
3-3/8" 6 spf	25.0 g HMX ConneX	EC2-33B2522-RC	Fluid	3.56"	22,700	388,300
3-3/8" 6 spf	22.7 g HMX ConneX	EC2-33A2322-RC	Fluid or Dry	3.63"	22,700	388,300
4" 4 spf	39.0 g HMX RaZor	EC2-40A3922	Fluid	4.16"	19,700	434,400
4" 4 spf	39.0 g HMX ConneX	EC2-40A3922-RC	Fluid	4.16"	19,700	434,400
4-1/2" 5 spf	39.0 g HMX RaZor	EC2-40A3922	Fluid	4.67"	17,700	517,800
4-1/2" 5 spf	39.0 g HMX ConneX	EC2-40A3922-RC	Fluid	4.67"	17,700	517,800
4-1/2" 12 spf	22.7 g HMX RaZor	EC2-33A2322	Fluid	4.64"	17,200	517,800
4-1/2" 12 spf	22.7 g HMX ConneX	EC2-33A2322-RC	Fluid	4.69"	17,200	517,800
7" 12 spf	39.0 g HMX RaZor	EC2-40A3922	Fluid	7.28"	15,000	1,053,600

**Notes:**

Fluid : Qualified for shooting in Fluid only  
 Fluid or Dry : Qualified for shooting in Fluid & Dry Gas  
 \* Hardware Calculated Break Point