

### Body-free Perforating Bullets



It has small volume, light weight, and is easy to operate. It is used in perforating in sleeve for cable transportation tubing. It is used for old well digging and solving engineering problem or small well head perforating. It can avoid repeat work and reduce cost, working period and labor strength with complete supporting equipment and tools.

#### Main Technical Parameters

Model	Shot Density (s/m)	Phase Angle (°)	Temp. Tolerance		Pressure Tolerance	Explosive Weight (g)	Mini. Drift Dia. of Tubing (mm)	Length Of Rack	Category of Rack	Overall Dimension (mm)
			RDX Gun Powder	HMX Gun Powder						
105DP28RDX9-1	13	0°	160°C/2h 130°C/24h	200°C/2h 170°C/24h	105MPa	≤11	48	1.2m 2.2m 3.2m	helix and flat rack (zero phase)	φ 41×43
105DP26RDX12-1					under	≤15	55			φ 40×50
105DP28RDX14-1					normal	≤16	58			φ 40×52
105DP30RDX18-1					temp.	≤18	68			φ 45×60
105DP24RDX9-1					and	≤9	48			φ 36×42
70DP30RDX15-1					70MPa	≤15	58			φ 45×54
70DP26RDX12-1					under	≤12	55			φ 41×50
70DP24RDX9-1					low	≤9	48			φ 38×42
70DP30RDX18-1					rags	≤18	68			φ 45×60

## Deep Penetration and Super Deep Penetration Perforating Bullets



We supply various deep penetration and super deep penetration perforating bullet from 51 type to 178 type and can provide common, high temperature and super high temperature perforating bullet according to construction condition. The product has unique structure design and is made under advanced equipment and production technique with high quality requirement. It has properties of deep pore channel, regular pore, low damage and no carrotle. It can be operated in cable and oil pipe transportation in oil and gas well.

### Main Technical Parameters

Model	Explosive Weight (g)	O.D. of Applicable Perforating Gun (mm)	O.D. of Applicable Sleeve (mm)	Temperature Tolerance		
				Common Temp. BLTS	High Temp. BLTS	Super High Temp. BLTS
DP24RDX7-1	≤7	51	73	160°C/2h	200°C/2h	300°C/2h
DP26RDX9-1	≤9	60	89, 102	130°C/24h	170°C/24h	274°C/24h
DP28RDX11-1	≤11	68	114, 127			
DP30RDX16-1	≤16	73	114, 127			
DP33RDX18-1	≤18	73	114, 127			
DP38RDX25-3	≤25	83	127, 139.7			
DP38RDX25-1	≤25	86	127, 139.7			
DP36RDX25-1	≤25	89	127, 139.7			
DP36RDX25-6	≤25	89	127, 139.7			
DP38RDX25-2	≤25	89	127, 139.7			
DP41RDX25-1	≤25	89	127, 139.7			
DP35RDX29-1A	≤28	89, 102	139.7			
DP41RDX32-1	≤32	102	139.7			
DP43RDX45-2	≤45	102, 114	139.7			
DP41RDX38-1B	≤38	114	139.7			

DP41RDX38-1A	≤38	127	177.8			
DP41RDX38-1C	≤38	127	177.8			
DP44RDX40-1	≤40	127	177.8			
DP43RDX45-1	≤45	127	177.8			

## Large Bore Perforating Bullets



It has stable penetration property, large pore, no cartridge and no damage to sleeve and low pollution. Therefore, it can reduce the resistance, improve the flow, reduce the pressure loss and improve productivity. It can be used for perforating of heavy oil reservoir and loose sandstone formation. Since the rag is considered in large pore bullet design and material, it reduces the rag entering into the pore channel. So it is important for reducing the pollution in the channel and easy to clean.

### Main Technical Parameters

Model	Explosive Weight (g)	Pore Dia. (mm)	O.D. of Applicable Perforating Gun (mm)	Temperature Tolerance		
				Common Temp. BLTS	High Temp. BLTS	Super High Temp. BLTS
BH38RDX25-1	≤25	≥14	89	160°C/2h 130°C/24h	200°C/2h 170°C/24h	300°C/2h 274°C/24h
BH46RDX32-1	≤32	≥17.6	102			
BH43RDX23-1	≤23	≥17.6	114			
BH46RDX23-1	≤23	≥16	114			
BH56RDX45-1	≤45	≥20.8	178			
BH56RDX45-2	≤45	≥20.4	178			
BH56RDX45-3	≤45	≥20.6	178			
BH48RDX45-1	≤46	≥21.6	178			