



## Industry Leading Performance

|  | System Size inches | Product Name          | Part Number | Shot Density per foot | Phasing degrees   | Qualified For Shooting |      | Explosive Load |           | Casing Size inches | Entrance Hole inches | Penetration |            |
|--|--------------------|-----------------------|-------------|-----------------------|-------------------|------------------------|------|----------------|-----------|--------------------|----------------------|-------------|------------|
|  |                    |                       |             |                       |                   | In Fluid               | Dry  | grams          | explosive |                    |                      | inches      | test       |
| DEEP PENETRATING   | 1 9/16             | 1503 RAZOR® XDP       | EC1-15A0322 | 4                     | 0 / 60 / 90       | ✓                      | ✓    | 3.2            | HMX       | 2 7/8              | 0.19                 | 13.09       | API RP 43  |
|  | 1 3/4              | 1705 RAZOR® XDP       | EC1-17A0522 | 4D / 6F               | 0 / 60 / 90       | ✓                      | ✓    | 5.1            | HMX       | 4 1/2              | 0.26                 | 21.63       | API RP 43  |
|  | 2                  | 2007 RAZOR® XDP       | EC1-20A0722 | 6                     | 0 / 60 / 90       | ✓                      |      | 6.8            | HMX       | 2 7/8              | 0.25                 | 22.30       | API RP 19B |
|  | 2 3/8              | 2311 RAZOR® XDP       | EC2-23A1122 | 6                     | 60                | ✓                      |      | 11.0           | HMX       | 3 1/2              | 0.31                 | 32.00       | QC         |
|  | 2 1/2              | 2511 RAZOR® XDP       | EC1-25A1122 | 6                     | 60                | ✓                      |      | 11.5           | HMX       | 3 1/2              | 0.32                 | 31.10       | API RP 19B |
|  | 2 3/4              | 2715 RAZOR® XDP       | EC2-27A1522 | 6                     | 60                | ✓                      | ✓    | 15.0           | HMX       | 4 1/2              | 0.39                 | 37.45       | API RP 43  |
|  | 2 7/8              | 2715 RAZOR® XDP       | EC2-27A1522 | 6                     | 60                | ✓                      | ✓    | 15.0           | HMX       | 4 1/2              | 0.34                 | 35.10       | API RP 19B |
|  | 2 7/8              | 2818 RAZOR® XDP       | EC2-28A1822 | 6                     | 60                | ✓                      | ✓    | 18.0           | HMX       | 4 1/2              | 0.45                 | 40.00       | QC         |
|  | 3 1/8              | 3323 RAZOR® XDP       | EC2-33A2322 | 6                     | ±30 LS / 60 / 180 | ✓                      |      | 22.7           | HMX       | 4 1/2              | 0.42                 | 39.02       | API RP 43  |
|  | 3 3/8              | 3323 RAZOR® XDP       | EC2-33A2322 | 6                     | ±30 LS / 60 / 180 | ✓                      | ✓    | 22.7           | HMX       | 4 1/2              | 0.45                 | 46.32       | API RP 43  |
|  | 3 3/8              | 3325 RAZOR® XDP       | EC2-33B2522 | 6                     | ±30 LS / 60 / 180 | ✓                      |      | 25.0           | HMX       | 4 1/2              | 0.53                 | 47.30       | API RP 19B |
|  | 4                  | 3325 RAZOR® XDP       | EC2-33B2522 | 6                     | 60                | ✓                      | ✓    | 25.0           | HMX       | 5 1/2              | 0.47                 | 46.11       | API RP 43  |
|  | 4                  | 4039 RAZOR® XDP       | EC2-40A3922 | 4                     | 60 / 90           | ✓                      |      | 39.0           | HMX       | 5 1/2              | 0.39                 | 53.00       | API RP 19B |
|  | 4 1/2              | 4039 RAZOR® XDP       | EC2-40A3922 | 5                     | 60                | ✓                      |      | 39.0           | HMX       | 7                  | 0.44                 | 62.90       | API RP 19B |
|  | 4 1/2              | 3323 RAZOR® XDP       | EC2-33A2322 | 12                    | 135-45            | ✓                      |      | 22.7           | HMX       | 7                  | 0.38                 | 34.90       | API RP 19B |
| 7  | 4039 RAZOR® XDP    | EC2-40A3922           | 12          | 135-45                | ✓                 |                        | 39.0 | HMX            | 9 5/8     | 0.41               | 53.60                | QC          |            |
| BIG HOLE   | 4 5/8              | 4626 RAZOR® SBH TL LD | EC2-46A2631 | 16                    | 140-20            | ✓                      |      | 26.0           | RDX       | 7                  | 0.90                 | 5.5         | API RP 19B |
|  | 4 5/8              | 4626 RAZOR® SBH TL LD | EC2-46A2631 | 16                    | 140-20            | ✓                      |      | 26.0           | RDX       | 7 3/4              | 0.96                 | 5.4         | API RP 19B |
|  | 5                  | 5132 RAZOR® SBH TL LD | EC2-51A3231 | 16                    | 140-20            | ✓                      |      | 32.0           | RDX       | 7 5/8              | 1.04                 | 6.7         | API RP 19B |
|  | 5 1/8              | 5132 RAZOR® SBH TL LD | EC2-51A3231 | 16                    | 140-20            | ✓                      |      | 32.0           | RDX       | 7 5/8              | 1.07                 | 6.7         | API RP 19B |
|  | 7                  | 7039 RAZOR® SBH TL LD | EC2-70C3931 | 15                    | 140-20            | ✓                      |      | 39.0           | RDX       | 9 5/8              | 1.24                 | 7.08        | API RP 43  |
|  | 7                  | 7052 RAZOR® SBH TL LD | EC2-70C5231 | 15                    | 140-20            | ✓                      |      | 52.0           | RDX       | 9 5/8              | 1.39                 | 6.5         | API RP 19B |
| ** RAZOR® SBH Charges are available in steel case designs upon request. Please contact your local sales representative with questions. |                    |                       |             |                       |                   |                        |      |                |           |                    |                      |             |            |