

GUN SWELL DATA CHART

| GUN TYPE | GUN STEEL TESTED | GUN OD (IN INCHES) | S.P.F. | PHASING | GUN ASSEMBLY PART NUMBER | CHARGE MANUF. | CHARGE PART NUMBER | TYPE | GRAM WEIGHT | TESTING MEDIUM | MAXIMUM SWELL (IN INCHES) |
|----------|------------------|--------------------|--------|---------|--------------------------|---------------|--------------------|------|-------------|----------------|---------------------------|
| THREADED | TENARIS 115 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | TITAN | EXP-3321-321T | SDP | 21 | WATER | 3.330 |
| THREADED | TENARIS 115 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | TITAN | EXP-3321-321T | SDP | 21 | WATER | 3.350 |
| THREADED | TENARIS 135 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | TITAN | EXP-3321-321T | SDP | 21 | WATER | 3.300 |
| THREADED | TENARIS 135 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | TITAN | EXP-3321-321T | SDP | 21 | WATER | 3.335 |
| THREADED | TENARIS 115 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | OWEN | SDP-3375-311NT | SDP | 21.5 | WATER | 3.300 |
| THREADED | TENARIS 115 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | OWEN | SDP-3375-311NT | SDP | 21.5 | WATER | 3.330 |
| THREADED | TENARIS 135 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | OWEN | SDP-3375-311NT | SDP | 21.5 | WATER | 3.300 |
| THREADED | TENARIS 135 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | OWEN | SDP-3375-311NT | SDP | 21.5 | WATER | 3.325 |
| THREADED | TENARIS 115 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | TITAN | EXP-3323-323T | SDP | 22.7 | WATER | 3.420 |
| THREADED | TENARIS 115 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | TITAN | EXP-3323-323T | SDP | 22.7 | WATER | 3.375 |
| THREADED | TENARIS 135 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | TITAN | EXP-3323-323T | SDP | 22.7 | WATER | 3.320 |
| THREADED | TENARIS 135 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | TITAN | EXP-3323-323T | SDP | 22.7 | WATER | 3.340 |
| THREADED | TENARIS 115 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | TITAN | EXP-3323-331 | GH | 22.7 | WATER | 3.290 |
| THREADED | TENARIS 115 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | TITAN | EXP-3323-331 | GH | 22.7 | WATER | 3.270 |
| THREADED | TENARIS 135 | 3.125 | 4 | 0 | A.31.020.04.000.N.WL.A | TITAN | EXP-3323-331 | GH | 22.7 | WATER | 3.282 |
| THREADED | TENARIS 135 | 3.125 | 6 | 60 | A.31.020.06.060.N.WL.A | TITAN | EXP-3323-331 | GH | 22.7 | WATER | 3.280 |
| THREADED | TENARIS 135 | 3.375 | 6 | 60 | A.33.020.06.060.N.WL.A | TITAN | EXP-3321-321T | SDP | 21 | WATER | 3.600 |
| THREADED | TENARIS 135 | 3.375 | 6 | 60 | A.33.020.06.060.N.WL.A | TITAN | SDP-3375-311NT | SDP | 21.5 | WATER | 3.600 |
| THREADED | TENARIS 135 | 3.375 | 6 | 60 | A.33.020.06.060.N.WL.A | TITAN | EXP-3326-321T | SDP | 26 | WATER | 3.630 |
| THREADED | TENARIS 135 | 4.000 | 4 | 90 | A.40S.020.04.090.N.WL.A | TITAN | EXP-3323-323T | SDP | 23 | WATER | 4.180 |
| THREADED | TENARIS 135 | 4.000 | 4 | 120 | A.40S.020.04.120.N.WL.A | TITAN | EXP-3323-323T | SDP | 23 | WATER | 4.180 |
| THREADED | TENARIS 135 | 4.000 | 4 | 60 | A.40S.020.04.060.N.WL.A | TITAN | EXP.3326.321T | SDP | 26 | WATER | 4.200 |
| THREADED | TENARIS 135 | 4.000 | 4 | 90 | A.40S.020.04.090.N.WL.A | TITAN | EXP.3326.321T | SDP | 26 | WATER | 4.200 |
| THREADED | TENARIS 135 | 4.000 | 6 | 60 | A.40S.020.06.060.N.WL.A | TITAN | EXP.3326.321T | SDP | 26 | WATER | 4.210 |
| THREADED | TENARIS 135 | 4.000 | 4 | 60 | A.40S.020.04.060.N.WL.A | OWEN | SDP-3375-311NT4 | SDP | 25 | WATER | 4.180 |
| THREADED | TENARIS 135 | 4.000 | 4 | 90 | A.40S.020.04.090.N.WL.A | OWEN | SDP-3375-311NT4 | SDP | 25 | WATER | 4.180 |
| THREADED | TENARIS 135 | 4.000 | 6 | 60 | A.40S.020.06.060.N.WL.A | OWEN | SDP-3375-311NT4 | SDP | 25 | WATER | 4.250 |

| GUN TYPE | GUN STEEL TESTED | GUN OD (IN INCHES) | S.P.F. | PHASING | GUN ASSEMBLY PART NUMBER | CHARGE MANUF. | CHARGE PART NUMBER | TYPE | GRAM WEIGHT | TESTING MEDIUM | MAXIMUM SWELL (IN INCHES) |
|-----------------|-------------------------|-------------------------------|---------------|----------------|-------------------------------------|--------------------------|-------------------------------|-------------|------------------------|---------------------------|--|
| THREADED | TENARIS 135 | 4.000 | 4 | 60 | A.40S.020.04.060.N.WL.A | TITAN | EXP-4039-323T | SDP | 39 | WATER | 4.300 |
| THREADED | TENARIS 135 | 4.000 | 4 | 90 | A.40S.020.04.090.N.WL.A | TITAN | EXP-4039-323T | SDP | 39 | WATER | 4.300 |
| THREADED | TENARIS 135 | 4.000 | 4 | 60 | A.40S.020.04.060.N.WL.A | OWEN | SDP-4500-411NT3 | SDP | 39 | WATER | 4.330 |
| THREADED | TENARIS 135 | 4.000 | 4 | 90 | A.40S.020.04.090.N.WL.A | OWEN | SDP-4500-411NT3 | SDP | 39 | WATER | 4.330 |