

Taguchi Analysis: Performance versus RPM, Feed Ratio, Diameter

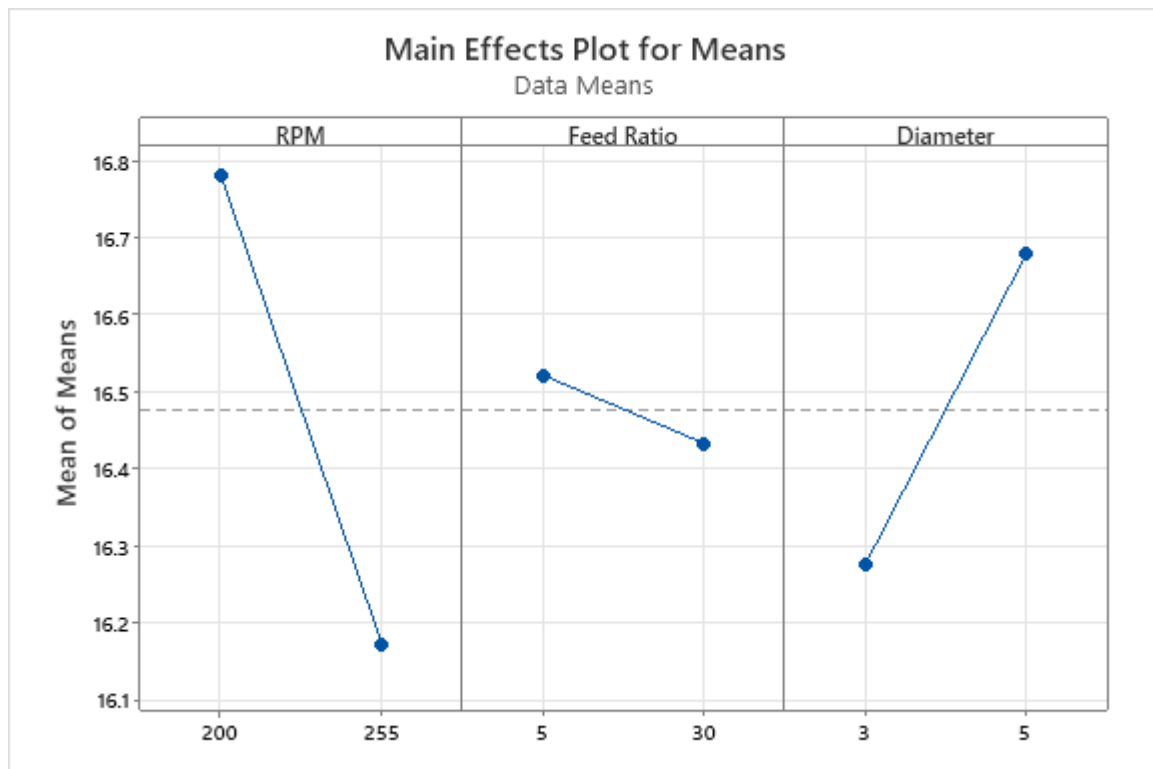
Response Table for Signal to Noise Ratios

Larger is better

| Level | RPM | Feed Ratio | Diameter |
|-------|-------|------------|----------|
| 1 | 24.49 | 24.35 | 24.22 |
| 2 | 24.17 | 24.31 | 24.44 |
| Delta | 0.33 | 0.04 | 0.22 |
| Rank | 1 | 3 | 2 |

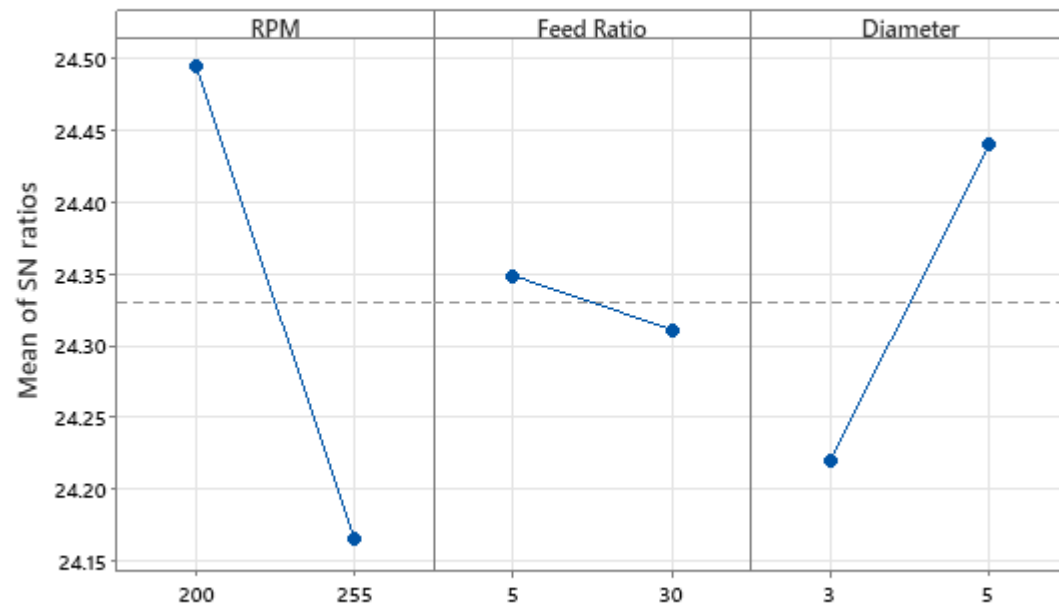
Response Table for Means

| Level | RPM | Feed Ratio | Diameter |
|-------|-------|------------|----------|
| 1 | 16.78 | 16.52 | 16.28 |
| 2 | 16.17 | 16.43 | 16.68 |
| Delta | 0.61 | 0.09 | 0.40 |
| Rank | 1 | 3 | 2 |



Main Effects Plot for SN ratios

Data Means



Signal-to-noise: Larger is better