



Originators and Designers of Specialty Reamers and Cutting Tools Since 1918

Helical Brown & Sharpe Reamers with Squared Shank



Flute
High Spiral, Left Hand

Shank
Squared

Cut
Right Hand

Material
High Speed Steel

Schedule S1

Brown & Sharpe Taper Reamers, also referred to as Aircraft Taper Reamers, are used to finish Brown & Sharpe Taper sleeves. These sleeves are used to hold cutting tools or holders in the spindles of machines such as drill presses, milling machines or machining centers.

Brown & Sharpe Taper Reamers can also be made as specials in extra length, special helix angles, end cutting, with chip breakers or in premium high-speed steel or carbide.

| Part Number | Size | Small End Diameter | Large End Diameter | Flute Length | Number of Flutes | Shank Size | Overall Length |
|-------------|------|--------------------|--------------------|--------------|------------------|------------|----------------|
| BSHQ0000 | 0 | 0.160 | 0.275 | 2.75 | 3 | 0.250 | 4.63 |
| BSHQ0001 | 1 | 0.197 | 0.318 | 2.88 | 4 | 0.281 | 4.75 |
| BSHQ0002 | 2 | 0.247 | 0.378 | 3.13 | 4 | 0.344 | 5.13 |
| BSHQ0003 | 3 | 0.310 | 0.451 | 3.38 | 4 | 0.406 | 5.50 |
| BSHQ0004 | 4 | 0.347 | 0.502 | 3.69 | 6 | 0.438 | 5.88 |
| BSHQ0005 | 5 | 0.447 | 0.615 | 4.00 | 6 | 0.563 | 6.38 |
| BSHQ0006 | 6 | 0.497 | 0.681 | 4.38 | 6 | 0.625 | 6.88 |
| BSHQ0007 | 7 | 0.597 | 0.801 | 4.88 | 6 | 0.750 | 7.50 |
| BSHQ0008 | 8 | 0.747 | 0.977 | 5.50 | 8 | 0.813 | 8.13 |
| BSHQ0009 | 9 | 0.897 | 1.153 | 6.13 | 8 | 1.000 | 8.88 |
| BSHQ0010 | 10 | 1.042 | 1.338 | 6.88 | 8 | 1.125 | 9.75 |
| BSHQ0011 | 11 | 1.247 | 1.566 | 7.63 | 8 | 1.375 | 10.63 |
| BSHQ0012 | 12 | 1.497 | 1.841 | 8.25 | 8 | 1.250 | 11.50 |

Helical Brown & Sharpe Reamers with Morse Taper Shank

Schedule S2



Flute
High Spiral, Left Hand
Cut
Right Hand

Shank
Morse Taper
Material
High Speed Steel

| Part Number | Size | Small End Diameter | Large End Diameter | Flute Length | Number of Flutes | Shank Size | Overall Length |
|-------------|------|--------------------|--------------------|--------------|------------------|------------|----------------|
| BSDQ0000 | 0 | 0.160 | 0.275 | 2.75 | 3 | 0.250 | 4.63 |
| BSDQ0001 | 1 | 0.197 | 0.318 | 2.88 | 4 | 0.281 | 4.75 |
| BSDQ0002 | 2 | 0.247 | 0.378 | 3.13 | 4 | 0.344 | 5.13 |
| BSDQ0003 | 3 | 0.310 | 0.451 | 3.38 | 4 | 0.406 | 5.50 |
| BSDQ0004 | 4 | 0.347 | 0.502 | 3.69 | 6 | 0.438 | 5.88 |
| BSDQ0005 | 5 | 0.447 | 0.615 | 4.00 | 6 | 0.563 | 6.38 |
| BSDQ0006 | 6 | 0.497 | 0.681 | 4.38 | 6 | 0.625 | 6.88 |
| BSDQ0007 | 7 | 0.597 | 0.801 | 4.88 | 6 | 0.750 | 7.50 |
| BSDQ0008 | 8 | 0.747 | 0.977 | 5.50 | 8 | 0.813 | 8.13 |
| BSDQ0009 | 9 | 0.897 | 1.153 | 6.13 | 8 | 1.000 | 8.88 |
| BSDQ0010 | 10 | 1.042 | 1.338 | 6.88 | 8 | 1.125 | 9.75 |
| BSDQ0011 | 11 | 1.247 | 1.566 | 7.63 | 8 | 1.375 | 10.63 |
| BSDQ0012 | 12 | 1.497 | 1.841 | 8.25 | 8 | 1.250 | 11.50 |