



BSPF ↓

BRITISH STANDARD PIPE FASTENER
"G" series, BSPF, BSP (Medium Class)

| Nom Size | Major T.P.I | Effective Basic Dia. mm | Max Core Dia. mm | Fluteless Tapping Drill Size mm | Tapping Drill Size mm |
|----------|-------------|-------------------------|------------------|---------------------------------|-----------------------|
| 1/16 | 28 | 7.722 | 6.843 | | 6.80 |
| 1/8 | 28 | 9.728 | 8.848 | 9.25 | 8.80 |
| 1/4 | 19 | 13.157 | 11.890 | 12.60 | 11.80 |
| 3/8 | 19 | 16.662 | 15.395 | 16.10 | 15.25 |
| 1/2 | 14 | 20.955 | 19.172 | | 19.00 |
| 5/8 | 14 | 22.911 | 21.128 | | 21.00 |
| 3/4 | 14 | 26.441 | 24.658 | | 24.50 |
| 7/8 | 14 | 30.201 | 28.418 | | 28.25 |
| 1" | 11 | 33.249 | 30.931 | | 30.75 |
| 1-1/4 | 11 | 41.910 | 39.592 | | 39.50 |
| 1-1/2 | 11 | 47.803 | 45.485 | | 45.00 |
| 1-3/4 | 11 | 53.746 | 51.428 | | 51.00 |
| 2" | 11 | 59.614 | 57.296 | | 57.00 |
| 2-1/4 | 11 | 65.710 | 64.232 | | 62.75 |
| 2-1/2 | 11 | 75.184 | 73.705 | | 72.50 |

Rp (BSP PI)

reduced effective diameter for BS 21 Gas fittings

| Nom Size | T.P.I | Major MINIMUM Dia mm | Special Effective Taper Gauge | | Max Core diameter mm | Tapping Drill Size mm |
|----------|-------|----------------------|-------------------------------|----------------|----------------------|-----------------------|
| | | | Nom mm | turns of gauge | | |
| 1/8 | 28 | 9.685 | 9.147 | ±1/4 | 8.637 | 8.60 |
| 1/4 | 19 | 13.094 | 12.301 | ±1/4 | 11.549 | 11.50 |
| 3/8 | 19 | 16.599 | 15.806 | ±1/4 | 15.054 | 15.00 |
| 1/2 | 14 | 20.869 | 19.794 | ±1/4 | 18.773 | 18.75 |
| 3/4 | 14 | 26.355 | 25.281 | ±1/4 | 24.259 | 24.25 |
| 1" | 11 | 33.140 | 31.770 | ±1/4 | 30.471 | 30.40 |
| 1-1/4 | 11 | 41.801 | 40.432 | ±1/4 | 39.132 | 39.00 |
| 1-1/2 | 11 | 47.694 | 46.325 | ±1/4 | 45.025 | 45.00 |
| 2" | 11 | 59.505 | 58.136 | ±1/4 | 56.836 | 56.75 |

Taps for Rp are supplied only to special order.
these are made to a negative tolerance on the Nominal
Parallel tapped hole - use tapered notch gauge