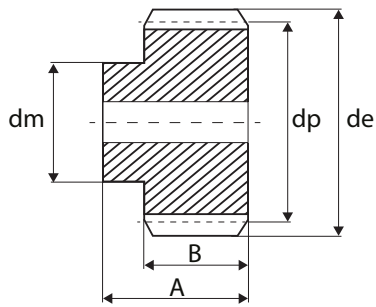


### Imperial Spur Gears in Steel 24DP, 20° P.A



#### Imperial Spur



#### TYPE B

- Intermediate sizes and special gears to drawing up to 39" diameter
- Standard tolerances, unless otherwise stated  $\pm 0.010$  ins
- Standard: BS 436 Pt1, fig 1. Grade 8 / 9
- All dimensions in inches
- Steel EN8, (080M40/080M46) or equivalent

| Code        | No. teeth | Pitch $\varnothing$ dp | Outside $\varnothing$ de | Hub/Boss $\varnothing$ dm | Bore $\varnothing$ H8 | O/A width A | Face width B |
|-------------|-----------|------------------------|--------------------------|---------------------------|-----------------------|-------------|--------------|
| SSDP24/15B  | 15        | 0.625                  | 0.708                    | 0.484                     | 0.3125                | 0.625       | 0.312        |
| SSDP24/20B  | 20        | 0.833                  | 0.916                    | 0.625                     | 0.3125                | 0.625       | 0.312        |
| SSDP24/24B  | 24        | 1                      | 1.083                    | 0.625                     | 0.3125                | 0.625       | 0.312        |
| SSDP24/25B  | 25        | 1.042                  | 1.125                    | 0.625                     | 0.3125                | 0.625       | 0.312        |
| SSDP24/30B  | 30        | 1.250                  | 1.333                    | 0.750                     | 0.375                 | 0.75        | 0.312        |
| SSDP24/35B  | 35        | 1.458                  | 1.541                    | 0.750                     | 0.375                 | 0.75        | 0.312        |
| SSDP24/40B  | 40        | 1.667                  | 1.750                    | 0.750                     | 0.375                 | 0.75        | 0.312        |
| SSDP24/45B  | 45        | 1.875                  | 1.958                    | 0.750                     | 0.375                 | 0.75        | 0.312        |
| SSDP24/48B  | 48        | 2                      | 2.083                    | 0.750                     | 0.375                 | 0.75        | 0.312        |
| SSDP24/50B  | 50        | 2.083                  | 2.166                    | 0.750                     | 0.375                 | 0.75        | 0.312        |
| SSDP24/55B  | 55        | 2.292                  | 2.375                    | 0.750                     | 0.375                 | 0.75        | 0.312        |
| SSDP24/60B  | 60        | 2.500                  | 2.583                    | 1                         | 0.5                   | 0.812       | 0.312        |
| SSDP24/63B  | 63        | 2.625                  | 2.708                    | 1                         | 0.5                   | 0.812       | 0.312        |
| SSDP24/65B  | 65        | 2.708                  | 2.791                    | 1                         | 0.5                   | 0.812       | 0.312        |
| SSDP24/70B  | 70        | 2.917                  | 3                        | 1                         | 0.5                   | 0.812       | 0.312        |
| SSDP24/75B  | 75        | 3.125                  | 3.208                    | 1                         | 0.5                   | 0.812       | 0.312        |
| SSDP24/80B  | 80        | 3.333                  | 3.416                    | 1                         | 0.5                   | 0.812       | 0.312        |
| SSDP24/85B  | 85        | 3.542                  | 3.625                    | 1.250                     | 0.5                   | 0.937       | 0.312        |
| SSDP24/90B  | 90        | 3.750                  | 3.833                    | 1.250                     | 0.5                   | 0.937       | 0.312        |
| SSDP24/95B  | 95        | 3.958                  | 4.041                    | 1.250                     | 0.5                   | 0.937       | 0.312        |
| SSDP24/96B  | 96        | 4                      | 4.083                    | 1.250                     | 0.5                   | 0.937       | 0.312        |
| SSDP24/100B | 100       | 4.167                  | 4.250                    | 1.250                     | 0.5                   | 0.937       | 0.312        |
| SSDP24/120B | 120       | 5                      | 5.083                    | 1.250                     | 0.5                   | 0.937       | 0.312        |

Please note: All dimensions subject to change. If a dimension is critical to your application please contact our Sales Department for confirmation. For special or reworked gears please contact our Manufacturing Department for a quotation.