



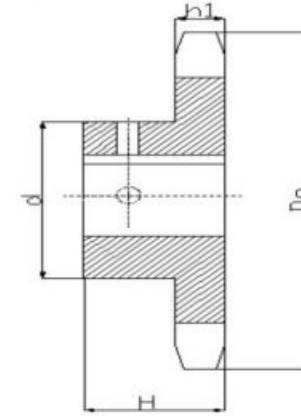
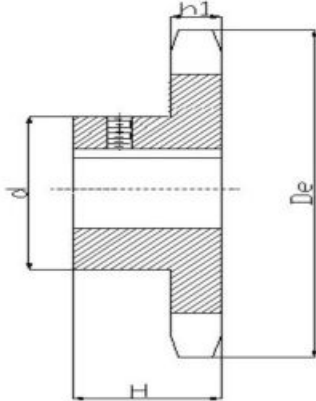
**FINISHED BORE SPROCKETS FOR CHAIN 35 (3/8" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 9.525mm
Internal width: 4.77mm
Roller dia.: 5.08mm

Sprocket:

Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -

Note 1: ★ indicates no keyway, (2) 1/4" setscrews only in 1/2" & 1/8" bore
↑ keyway with setscrew at 90°, hub diameter vary to suit different bore sizes
Note 2: ★ indicates no keyway, (2) 1/4" setscrews only in 1/2" & 1/8" bore at 90°
↑ setscrew at 90° and 180° to key



SIMPLEX-TYPE "BS"-2 SETSCREWS-BORED TO SIZE

NO.35-HARDENED TEETH-2 SETSCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS |
|-------|-------|-----|--|--|
| 9 | 1.26 | 3/4 | ★3/8 | ★3/8 |
| 10 | 1.38 | 3/4 | ★3/8 | ★3/8 -★1/2 -↑5/8 |
| 11 | 1.5 | 3/4 | ★3/8 -★1/2 -↑5/8 -↑3/4 | ★3/8 -★1/2 -↑5/8 -↑3/4 |
| 12 | 1.63 | 3/4 | -★1/2 -↑5/8 -↑3/4 | -★1/2 - 5/8 - 3/4 |
| 13 | 1.75 | 3/4 | -★1/2 - 5/8 - 3/4 | -★1/2 - 5/8 - 3/4 |
| 14 | 1.87 | 3/4 | -★1/2 - 5/8 - 3/4 | -★1/2 - 5/8 - 3/4 |
| 15 | 1.99 | 3/4 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 16 | 2.11 | 3/4 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 17 | 2.23 | 3/4 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 18 | 2.35 | 3/4 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 19 | 2.47 | 3/4 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 20 | 2.59 | 3/4 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 21 | 2.71 | 7/8 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 22 | 2.83 | 7/8 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 23 | 2.95 | 7/8 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 24 | 3.07 | 7/8 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 25 | 3.19 | 7/8 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 |
| 26 | 3.31 | 7/8 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | -★1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 27 | 3.43 | 7/8 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 28 | 3.55 | 7/8 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 30 | 3.79 | 7/8 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 32 | 4.03 | 7/8 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 35 | 4.39 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 36 | 4.51 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 40 | 4.99 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 42 | 5.23 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 45 | 5.59 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 48 | 5.95 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 54 | 6.66 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 60 | 7.38 | 1 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 70 | 8.58 | 1 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 72 | 8.81 | 1 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 80 | 9.77 | 1 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 84 | 10.25 | 1 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 96 | 11.68 | 1 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |
| 112 | 13.59 | 1 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 | - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 |



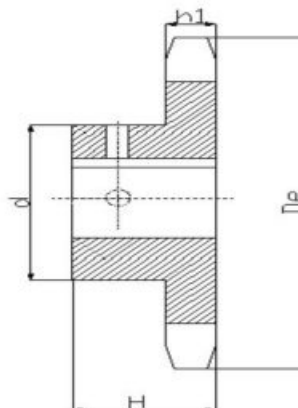
**FINISHED BORE SPROCKETS FOR CHAINS 40 (1/2" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 12.7mm
Internal width: 7.85mm
Roller dia.: 7.92mm

Sprocket:

Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -

Note 1:★ indicates no keyway,(2) 1/4"setscrews only
hub diameter vary to suit different bore sizes



SIMPLEX-TYPE"BS"-2 SETSCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS的普通成形孔 | | | | | | | | | | | | | | | | | |
|-------|------|-------|--|-------|-------|-------|-----|---------|----------|---------|---------|----------|---------|--|--|--|--|--|--|--|
| 9 | 1.67 | 7/8 | ★1/2 | - 5/8 | | | | | | | | | | | | | | | | |
| 10 | 1.84 | 7/8 | ★1/2 | - 5/8 | - 3/4 | | | | | | | | | | | | | | | |
| 11 | 2 | 7/8 | ★1/2 | - 5/8 | - 3/4 | - 7/8 | | | | | | | | | | | | | | |
| 12 | 2.17 | 7/8 | ★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | | | | | | | | | | | | | |
| 13 | 2.33 | 7/8 | ★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | | | | | | | | | | | | | |
| 14 | 2.49 | 7/8 | ★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | | | | | | | | | | | | |
| 15 | 2.65 | 7/8 | ★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | | | | | | | | | | |
| 16 | 2.81 | 7/8 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | | | | | | | | | | |
| 17 | 2.98 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | | | | | | | | | | |
| 18 | 3.14 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | |
| 19 | 3.3 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | |
| 20 | 3.46 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | |
| 21 | 3.62 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | |
| 22 | 3.78 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | |
| 23 | 3.94 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | |
| 24 | 4.1 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | |
| 25 | 4.26 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 26 | 4.42 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 27 | 4.58 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 28 | 4.74 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 29 | 4.9 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 30 | 5.06 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 31 | 5.22 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 32 | 5.38 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 33 | 5.54 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 34 | 5.7 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 35 | 5.86 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 36 | 6.02 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 37 | 6.18 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 38 | 6.33 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 39 | 6.49 | 1 | | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 40 | 6.65 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 41 | 6.81 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 42 | 6.97 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 43 | 7.13 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 44 | 7.29 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 45 | 7.45 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 46 | 7.61 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 47 | 7.77 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 48 | 7.93 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |
| 49 | 8.09 | 1 1/8 | | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | | | | | | | |



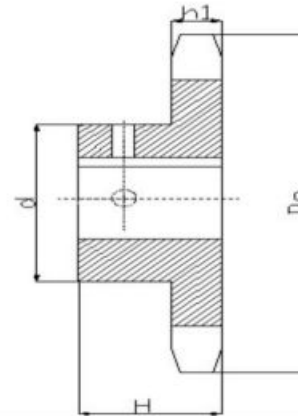
**FINISHED BORE SPROCKETS FOR CHAIN 40 (1/2" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 12.7mm
Internal width: 7.85mm
Roller dia.: 7.92mm

Sprocket:

Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -

Note 1: ★ indicates no keyway, (2) 1/4" setscrews only
hub diameter vary to suit different bore sizes
Note 2: ★ indicates no keyway, (2) 1/4" setscrews only in 1/2" & 1/8" bore at 90°
↑ setscrew at 90° and 180° to key



SIMPLEX-TYPE "BS"-2 SETSCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS | | | | | | | | | |
|-------|-------|-------|--|-------|-----|---------|----------|---------|---|----------|---------|--|
| 50 | 8.25 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 51 | 8.41 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 52 | 8.57 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 53 | 8.73 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 54 | 8.89 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 55 | 9.04 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 56 | 9.2 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 57 | 9.36 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 58 | 9.52 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 59 | 9.68 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 60 | 9.84 | 1 1/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 70 | 11.43 | 1 1/4 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 72 | 11.75 | 1 1/4 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 80 | 13.03 | 1 1/4 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 84 | 13.66 | 1 1/4 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 96 | 15.75 | 1 1/4 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |
| 112 | 18.12 | 1 1/4 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - | - 1 7/16 | - 1 1/2 | |

NO.40-HARDENED TEETH-2 SETCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS | | | | | | | | | |
|-------|------|-----|--|-------|-------|-------|---------|---------|----------|---------|----------|--|
| 9 | 1.67 | 7/8 | -★1/2 | - 5/8 | | | | | | | | |
| 10 | 1.84 | 7/8 | -★1/2 | - 5/8 | - 3/4 | | | | | | | |
| 11 | 2 | 7/8 | -★1/2 | - 5/8 | - 3/4 | - 7/8 | | | | | | |
| 12 | 2.17 | 7/8 | -★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | | | | | |
| 13 | 2.33 | 7/8 | -★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | | | | | |
| 14 | 2.49 | 7/8 | -★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | | | | |
| 15 | 2.65 | 7/8 | -★1/2 | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | | |
| 16 | 2.81 | 7/8 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | | |
| 17 | 2.98 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | | |
| 18 | 3.14 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | |
| 19 | 3.3 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | |
| 20 | 3.46 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | |
| 21 | 3.62 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | |
| 22 | 3.78 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | |
| 23 | 3.94 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | |
| 24 | 4.1 | 1 | | - 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | |
| 25 | 4.26 | 1 | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 7/16 | |
| 26 | 4.42 | 1 | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 7/16 | |
| 28 | 4.74 | 1 | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 7/16 | |
| 30 | 5.06 | 1 | | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 7/16 | |



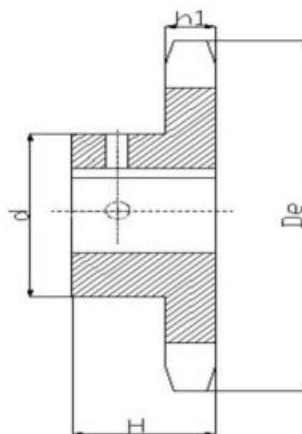
**FINISHED BORE SPROCKETS FOR CHAIN 50 (5/8" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 15.875mm
Internal width: 9.4mm
Roller dia.: 10.16mm

Sprocket:

Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -

Note 1: † keyway with setscrew at 90°
hub diameter vary to suit different bore sizes



SIMPLEX-TYPE"BS"-2 SETSCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS的普通成形孔 | | | | | | | | | | | | | | | | | |
|-------|------|-------|--|-------|-------|-------------|----------|---------|---------|----------|---------|---------|-----------------|--|--|--|--|--|--|--|
| 9 | 2.09 | 1 | 5/8 | - 3/4 | | | | | | | | | | | | | | | | |
| 10 | 2.3 | 1 | 5/8 | - 3/4 | - 7/8 | - † 1 | | | | | | | | | | | | | | |
| 11 | 2.5 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | | | | | | | | | | | | | | |
| 12 | 2.71 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | | | | | | | | | | | | |
| 13 | 2.91 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | | | | | | | | | | | | |
| 14 | 3.11 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | | | | | | | | | | | | |
| 15 | 3.32 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 16 | 3.52 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | | | | | | | | |
| 17 | 3.72 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | | | | | | | | |
| 18 | 3.92 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | | | | | | | | |
| 19 | 4.12 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | | | | | | | | |
| 20 | 4.32 | 1 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | | | | | | | | |
| 21 | 4.52 | 1 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 22 | 4.72 | 1 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 23 | 4.92 | 1 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 24 | 5.12 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 25 | 5.32 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 26 | 5.52 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 27 | 5.72 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 28 | 5.92 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 29 | 6.12 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 30 | 6.32 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | | | | | | | | | |
| 31 | 6.52 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 32 | 6.72 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 33 | 6.92 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 34 | 7.12 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 35 | 7.32 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 36 | 7.52 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 37 | 7.72 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 38 | 7.92 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 39 | 8.12 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 40 | 8.32 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 41 | 8.52 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 42 | 8.72 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 43 | 8.92 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 44 | 9.11 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 45 | 9.31 | 1 1/4 | | 3/4 | - 7/8 | - 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 46 | 9.51 | 1 1/4 | | | | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |
| 47 | 9.71 | 1 1/4 | | | | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 | | | | | | | |

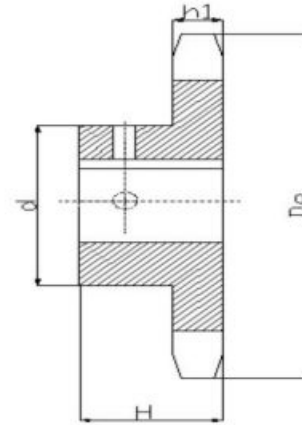


**FINISHED BORE SPROCKETS FOR CHAIN 50 (5/8" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 15.875mm
Internal width: 9.4mm
Roller dia.: 10.16mm

Sprocket: Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -

Note 1: † keyway with setscrew at 90°
hub diameter vary to suit different bore sizes
Note 2: ★ indicates no keyway, (2)1/4" setscrews only in 1/2" & 1/8" bore at 90°
† keyway with setscrew at 90° and 180° to key



SIMPLEX-TYPE "BS"-2 SETSCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS的普通成形孔 | | | | | | | |
|-------|-------|-------|--|----------|---------|---------|----------|---------|---|-----------------|
| 48 | 9.91 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 49 | 10.11 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 50 | 10.31 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 51 | 10.51 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 52 | 10.71 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 53 | 10.91 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 54 | 11.11 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 55 | 11.31 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 56 | 11.5 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 57 | 11.7 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 58 | 11.9 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 59 | 12.1 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 60 | 12.3 | 1 1/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 70 | 14.29 | 1 3/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 72 | 14.69 | 1 3/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 80 | 16.28 | 1 3/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 84 | 17.08 | 1 3/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 96 | 19.47 | 1 3/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |
| 112 | 22.65 | 1 3/4 | 1 - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - | - 3/4 - 1 15/16 |

NO.50-HARDENED TEETH-2 SETCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS的普通成形孔 | | | | | | | |
|-------|------|-------|--|-------|-------|-------|---------|----------|---------|---------|
| 9 | 2.09 | 1 | 5/8 | - 3/4 | | | | | | |
| 10 | 2.3 | 1 | 5/8 | - 3/4 | - 7/8 | - † 1 | | | | |
| 11 | 2.5 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | | | | |
| 12 | 2.71 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | |
| 13 | 2.91 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | |
| 14 | 3.11 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | |
| 15 | 3.32 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 16 | 3.52 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 17 | 3.72 | 1 | 5/8 | - 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 18 | 3.92 | 1 | | 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 19 | 4.12 | 1 | | 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 20 | 4.32 | 1 | | 3/4 | - 7/8 | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 21 | 4.52 | 1 | | 3/4 | | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 22 | 4.72 | 1 | | 3/4 | | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 23 | 4.92 | 1 | | 3/4 | | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |
| 24 | 5.12 | 1 1/4 | | 3/4 | | - 1 | - 1 1/8 | - 1 3/16 | - 1 1/4 | - 1 3/8 |

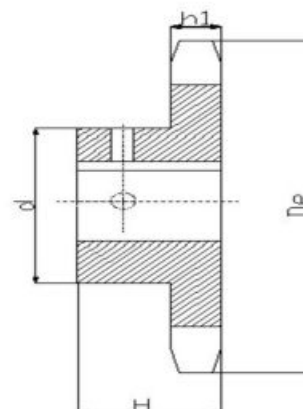


**FINISHED BORE SPROCKETS FOR CHAIN 80 (1" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 25.4mm
Internal width: 15.75mm
Roller dia.: 15.88mm

Sprocket: Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -

Note 1:hub diameter vary to suit different bore sizes
★W=winch sprockets-KW 5/16X5/32-SS at 90°



SIMPLEX-TYPE"BS"-2 SETSCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS | | | | | | | | | | |
|-------|-------|---|--|--------|---------|---------|---------|---|-----------|---|----------|----------|-----------|
| 47 | 15.54 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 48 | 15.86 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 49 | 16.18 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 50 | 16.5 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 51 | 16.81 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 52 | 17.13 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 53 | 17.45 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 54 | 17.77 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 55 | 18.09 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 56 | 18.41 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 57 | 18.73 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 58 | 19.04 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 59 | 19.36 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |
| 60 | 19.68 | 2 | 1 3/8 | 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | 2 | - 2 3/16 | - 2 7/16 | - 2 15/16 |

NO.80-HARDENED TEETH-2 SETCREWS

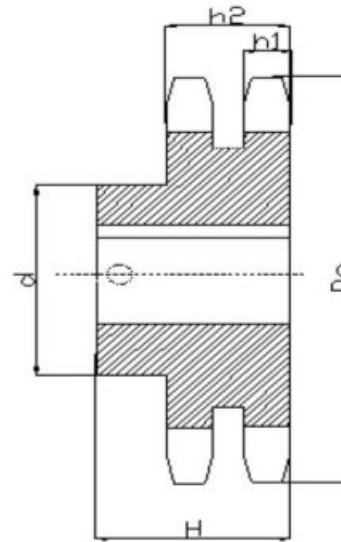
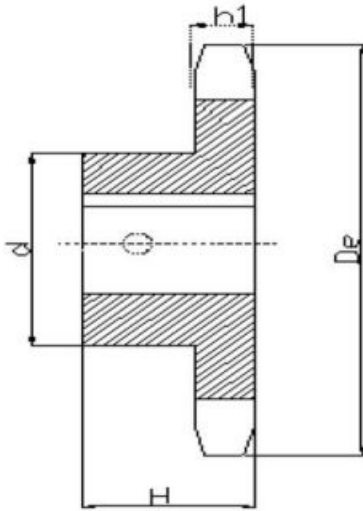
| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS | | | | | | | | | | | |
|-------|------|-------|--|---------|---------|---------|----------|----------|---------|---------|---------|-----------|-----------|----------|
| 9 | 3.35 | 1 5/8 | 1 | - 1 1/8 | 1 3/16 | - 1 1/4 | | | | | | | | |
| 10 | 3.68 | 1 5/8 | 1 | - 1 1/8 | 1 3/16 | - 1 1/4 | | | | | | | | |
| 11 | 4.01 | 1 5/8 | 1 | - 1 1/8 | 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | | | | |
| 12 | 4.33 | 1 5/8 | 1 | - 1 1/8 | 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | | | |
| 13 | 4.66 | 1 1/2 | 1 | - 1 1/8 | 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - 1 7/8 | - 1 15/16 | - 2 |
| 14 | 4.98 | 1 1/2 | 1 | - 1 1/8 | 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - 1 7/8 | - 1 15/16 | - 2 |
| 15 | 5.3 | 1 1/2 | 1 | - 1 1/8 | 1 3/16 | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - 1 7/8 | - 1 15/16 | - 2 |
| 16 | 5.63 | 1 1/2 | 1 | | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | - 2 | |
| 17 | 5.95 | 1 1/2 | 1 | | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | - 2 | - 2 7/16 |
| 18 | 6.27 | 1 1/2 | 1 | | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | - 2 | - 2 7/16 |
| 19 | 6.59 | 1 1/2 | | | - 1 1/4 | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | - 2 | - 2 7/16 |
| 20 | 6.91 | 1 1/2 | | | | - 1 3/8 | - 1 7/16 | - 1 1/2 | - 1 5/8 | - 1 3/4 | - | - 1 15/16 | - 2 | - 2 7/16 |



**FINISHED BORE SPROCKETS 80 FOR CHAIN (1" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 25.4mm
Internal width: 15.75mm
Roller dia.: 15.88mm

Sprocket: Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -



SIMPLEX-TYPE"BS" WINCH-2 SETSCREWS

| Teeth | De | SIMPLEX | | DUPLEX | | |
|-------|------|---------|--|--------|---|---------|
| | | H | STOCK FINISHED BORES INCLUDES KEYWAY(see Footnote) and Screw at 90°from Keyway | H | STOCK FINISHED BORES INCLUDES KEYWAY(see Footnote) and Screw at 90°from Keyway | |
| 10 | 3.68 | 1 5/8 | 1 1/4 | | | |
| 11 | 4.01 | 1 5/8 | 1 1/4 | | | |
| 12 | 4.33 | 1 5/8 | 1 1/4 | 2 1/2 | 1 1/4 - 1 1/2 | - 1 3/4 |
| 15 | 5.3 | 1 1/2 | 1 1/4 | 2 1/2 | 1 1/4 - 1 1/2 | - 1 3/4 |
| 18 | 6.27 | 1 1/2 | 1 1/4 - 1 1/2 | 2 3/4 | 1 1/2 - 1 3/4 | - 2 |
| 20 | 6.91 | | | 2 3/4 | 1 1/2 - 1 3/4 | - 2 |
| 24 | 8.2 | | | 2 3/4 | 1 1/2 | 2 |

NOTE:

1/4"bore has a 5/16x5/32"keyway,set screw at 90° from keyway.
1 1/2"bore has a 5/16x5/32"keyway,set screw at 90° from keyway.
1 3/4"bore has a 3/8x3/16"keyway,set screw at 90° from keyway.
2"bore has a 3/8x3/16"keyway,set screw at 90° from keyway.



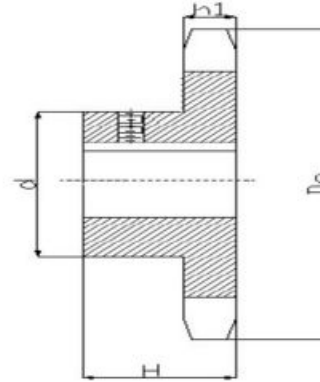
**FINISHED BORE SPROCKETS FOR CHAIN 100 (1 1/4" Pitch)
SPROCKETS TYPE BS**

Chain: Pitch: 31.75mm
Internal width: 18.9mm
Roller dia.: 19.05mm

Sprocket:

Tooth radius r:
Radius width C:
Tooth width h1:
Tooth width h2:
Tooth width h3:
Full high H: -

Note 1:hub diameter vary to suit different bore sizes



SIMPLEX-TYPE"BS"-2 SETSCREWS-BORED TO SIZE

| Teeth | De | H | STOCK FINISHED BORES INCLUDES KEYWAY AND 2 SETSCREWS | | | | |
|-------|-------|-------|--|------------------|--------------------|-----|-----------------------------|
| 8 | 3.77 | 1 7/8 | 1 | - 1 3/16 - 1 1/4 | | | |
| 9 | 4.18 | 1 7/8 | 1 | - 1 3/16 - 1 1/4 | 1 7/16 | | |
| 10 | 4.6 | 1 7/8 | 1 | - 1 3/16 - 1 1/4 | 1 7/16 | | |
| 11 | 5.01 | 1 7/8 | 1 | - 1 3/16 - 1 1/4 | 1 7/16 - 1 15/16 | - 2 | - 2 3/16 |
| 12 | 5.42 | 1 7/8 | | - 1 3/16 - 1 1/4 | 1 7/16 - 1 15/16 | - 2 | - 2 3/16 |
| 13 | 5.82 | 1 5/8 | | - 1 1/4 | 1 7/16 - 1 15/16 | - 2 | - 2 3/16 |
| 14 | 6.23 | 1 5/8 | | - 1 1/4 | 1 7/16 - 1 15/16 | - 2 | - 2 3/16 |
| 15 | 6.63 | 1 3/4 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 |
| 16 | 7.03 | 1 3/4 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 17 | 7.44 | 1 3/4 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 18 | 7.84 | 1 3/4 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 19 | 8.24 | 2 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 20 | 8.64 | 2 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 21 | 9.04 | 2 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 22 | 9.44 | 2 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 23 | 9.84 | 2 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 24 | 10.25 | 2 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |
| 25 | 10.65 | 2 | | | - 1 7/16 - 1 15/16 | - 2 | - 2 3/16 - 2 7/16 - 2 15/16 |

STANDARD KEYWAYS AND SETSCREWS

| Diameter of Shaft | Keyway | Setscrew | Diameter of Shaft | Keyway | Setscrew |
|-------------------|-------------|----------|-------------------|-------------|----------|
| | WidthxDepth | | | WidthxDepth | |
| 1/2-9/16 | 1/8x1/16 | 10-24 | 2 5/16-2 3/4 | 5/8x5/16 | 5/8★ |
| 5/8-7/8 | 3/16x3/32 | 1/4 | 13/16-3 1/4 | 3/4x3/8 | 5/8★ |
| 15/16-1 1/4 | 1/4x1/8 | 5/16 | 3 5/16-3 3/4 | 7/8x7/16 | 3/4 |
| 1 5/16-1 3/8 | 5/16x5/32 | 5/16 | 3 13/16-4 1/2 | 1x1/2 | 3/4 |
| 1 7/16-1 3/4 | 3/8x3/16 | 3/8 | 4 9/16-5 1/2 | 1/4x5/8 | 3/4 |
| 1 13/16-2 1/4 | 1/2x1/4 | 1/2★ | 5 9/16-6 1/2 | 1 1/2x3/4 | 3/4 |

STANDARD BORE TOLERANCES

| | |
|---------------|-------------|
| 1" and Less | + .001-.000 |
| 1 1/16" to 2" | + .002-.000 |
| 2 1/16" to 3" | + .003-.000 |
| 3 1/16" & up | + .004-.000 |