



| Screw Shaft Dia. (mm)         | 6   | 8           | 10           | 12                         | 14             | 15             | 20        | 25             | 28      | 32   |
|-------------------------------|-----|-------------|--------------|----------------------------|----------------|----------------|-----------|----------------|---------|------|
| Lead (mm)                     | 1   | 1 2 4       | 2 4          | 2 4 5 10                   | 5 10           | 5 10 20        | 5 10 20   | 5 10 20 25     | 6 10    | 32   |
| Max. Length (mm)              | 205 | 255 400 380 | 585 600      | 585 445 800 450 800        | 800            | 1200           | 2000      | 2000 1500 2000 | 2000    | 2000 |
| Rolled Ball Screw             | •   | •           | •            | •                          | •              | •              | •         | •              | •       | •    |
| Precision Ground Ball Screw   | •   | •           | •            | •                          | •              | •              | •         | •              | •       | •    |
| Accuracy Grade (C3,C5,C7,C10) | C3  | C3 ALL C10  | C3 C5 C7 C10 | C3 C5 C7 C10 ALL C5 C7 C10 | C10            | ALL C5 C7 C10  | C5 C7 C10 | C5 C7 C10      | C10 C10 | C10  |
| Support Unit (size)           | —   | 6           | 8, 8S        | 10, 10S                    | 12             | 15             | 20        | 20             | 25      | —    |
| Rolled Ball Screw             | —   | 6           | 8, 8S        | 10, 10S                    | 12             | 15             | 20        | 20             | 25      | —    |
| Precision Ground Screw        | 6   | 8           | 8, 8S        | 10S                        | 10 (10 for C3) | 10S (8 for C3) | —         | 12             | 15      | —    |

**EX: Accuracy vs. Price**

| Type             | Ball Screw Size (mm) | Max. Length Available (mm) | Accuracy Grade | Axial Clearance (mm) | Price Level |
|------------------|----------------------|----------------------------|----------------|----------------------|-------------|
| Rolled           | 15 x 5               | 1200                       | C7             | 0.03 or Less         | \$          |
|                  |                      | 1200                       | C10            | 0.10 or Less         | \$          |
| Precision Ground | 15 x 5               | 590                        | C3             | 0 (Preload)          | \$\$\$\$    |
|                  |                      | 1095                       | C5             | 0.005 or Less        | \$\$\$      |
|                  |                      | 1095                       | C7             | 0.030 or Less        | \$\$\$      |

**Ball Screws**


**#BC08**  
Rolled Ball Screw – Compact Nuts,  
Shaft Dia. 8, Lead 2



**#BR08**  
Rolled Ball Screws –  
Shaft Dia. 8, Lead 2 or 4



**#BC10**  
Rolled Ball Screw – Compact Nut,  
Shaft Dia. 10, Lead 4



**#BR10**  
Rolled Ball Screw – Shaft Dia. 10,  
Lead 2, 4 or 10



**#BC12**  
Rolled Ball Screw – Compact Nut,  
Shaft Dia. 12, Lead 4



**#BR12**  
Rolled Ball Screw – Shaft Dia. 12  
or 14, Lead 4, 5 or 10



**#BC15**  
Rolled Ball Screw – Compact Nut,  
Shaft Dia. 15, Lead 5, 10



**#BR15**  
Rolled Ball Screw – Shaft Dia. 15,  
Lead 5, 10 or 20



**#BC20**  
Rolled Ball Screw – Compact Nut,  
Shaft Dia. 20, Lead 5, 10



**#BR20**  
Rolled Ball Screw – Shaft Dia. 20,  
Lead 5, 10 or 20



**#BC25**  
Rolled Ball Screw – Compact Nut,  
Shaft Dia. 25, Lead 5



**#BR25**  
Rolled Ball Screws – Shaft Dia. 25,  
Lead 5, 10 or 25, C7 or C10



**#BR28**  
Rolled Ball Screw – Shaft Dia. 28  
or 32, Lead 6, 10 or 32



**#BSBR**  
Rolled Ball Screw – Shaft Dia. 15, 20  
or 25, Lead 5 or 10



**#FBSS**  
Rolled Ball Screws – Shaft Ends  
Configurable, Standard Nuts



**#BSS0**  
Precision Ball Screws –  
Shaft Dia. 6 or 8, Lead 1 or 2



**#BS10**  
Precision Ball Screws –  
Shaft Dia. 10, Lead 2, 4 or 10



**#BS12**  
Precision Ball Screws –  
Shaft Dia. 12, Lead 2, 4, 5 or 10



**#BS15**  
Precision Ball Screws –  
Shaft Dia. 15, Lead 5, 10, 20 or 40