Product Specifications

P.O. Box 2027, Bellingham, WA 98227 U.S.A.
PHONE: (360) 734-1540 • © South Bend Lathe Co.
www.southbendlathe.com

Plain Back, 4-Jaw Scroll Chucks

Model	SB1313	SB1234	SB1235	SB1236
Mounting Type	Plain Back	Plain Back	Plain Back	Plain Back
Size	6"	7"	8"	9"
Outer Diameter	6.57"	7.60"	8"	9.17"
Bore Diameter	1.77"	2.28"	2.28"	2.76"
OD Clamping Min.	0.32"	0.16"	0.16"	0.2"
OD Clamping Max.	6.30"	7.00"	7.00"	8.66"
ID Clamping Min.	2.17"	2.20"	2.20"	2.44"
ID Clamping Max.	5.90"	6.69"	6.69"	8.27"
*Max. Speed	2000 RPM	2000 RPM	2000 RPM	2000 RPM
Max. Chuck Key Torque	58 ft/lbs.	72 ft/lbs.	72 ft/lbs.	101 ft/lbs.
Max. Jaw Gripping Force	4721 lbs.	5620 lbs.	5620 lbs.	6750 lbs.
Front Mounting Cap Screw Torque	29 ft/lbs.	29 ft/lbs.	53 ft/lbs.	43 ft/lbs.
Rear Mounting Hex Bolt Torque	30 ft/lbs.	53 ft/lbs.	29 ft/lbs.	79 ft/lbs.
Jaw Type	2-Piece	Solid	Solid	Solid
Construction	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Weight	20 lbs.	33 lbs.	34 lbs.	50 lbs.
Shipping Weight	22 lbs.	34 lbs.	36 lbs.	55 lbs.
Country of Origin	Taiwan	Taiwan	Taiwan	Taiwan

* The maximum speed listed above is ONLY possible with the chuck jaws and the workpiece in complete rotational symmetry. The workpiece weight must be within the limits of the lathe, and the workpiece mass must be of equal density throughout to prevent centrifugal imbalance or radial runout—even if a tailstock or other support is used for additional support.