

NO WEAR OR STRESS ON COMPONENT
EASY TO USE
SPACE SAVER

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM



› **MATERIAL:**

Hardened Steel

› **OPERATING TEMPERATURE:**

-22°F to +180°F

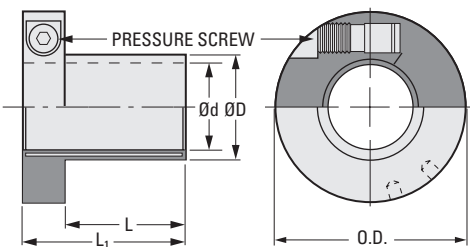
› **FEATURES:**

Fast and frequent mounting / dismantling with only one set screw.
Radial screw positioning saves space along the shaft.
Accurate positioning. No axial movement when mounted.
Uniform surface pressure against shaft and hub prevents damage to surfaces and enables the use of small diameter hubs.



› **SPECIFICATIONS:**

These connectors are designed for fast and accurate repositioning of the hub. It has just one screw for pressurizing in radial position. No space is used along the shaft for mounting tools. They are made up of a double-walled sleeve and flange filled with a pressure medium. **Pressure screw must not be tightened when not mounted or else force may deform the unit.**



CONNECTOR TOLERANCES

Shaft O.D. Tolerance:

.625 +.0000/-.0007
.750-1.000 +.0000/-.0013
1.250-1.500 +.0000/-.0015

Hub Bore Tolerance:

.748- .901 +.0008/-.0000
1.220-1.811 +.0010/-.0000

NOTE: Shaft and Hub as provided and used by customer.

› **OPERATION:**

When the pressure screw is tightened to the recommended tightening torque, the double-walled sleeve expands uniformly against shaft and hub and creates a rigid joint. Dismantling is done by loosening the screw which returns the connector to its original dimensions. It can then easily be dismantled.

INCH COMPONENT

Catalog Number	d Nom. I.D.	D Dia.	O.D.	L Length	L ₁ OAL	T Torque lbf ft.	Screw Tightening Torque lbf ft.
S21BPY-625185157	.625	.748	1.850	1.02	1.57	39	3.6
S21BPY-750199165	.750	.906	1.988	1.10	1.65	63	3.6
S21BPY-A00232193	1.000	1.220	2.323	1.38	1.93	140	3.6
S21BPY-A25269220	1.250	1.535	2.697	1.65	2.20	317	3.6
S21BPY-A50333283	1.500	1.811	3.327	2.04	2.83	656	15.5