

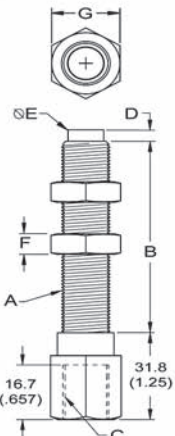
CONTACT SENSOR PLUNGERS



Heat-treated Stop Screw Creates Heavy-duty Solid State Switch

Features

- * Available in 8, 12 and 18mm screw diameters with a wide variety of lengths
- * Heat-treated alloy steel construction
- * Mix & match with various sensors
- * Optional ball-end piston & spring rates
- * Stop travel and sense with a single device
- * Versatile outputs using any shielded sensor
- * Isolates sensor from impact damage

Model	A	B	C	D	E	F	G...	Diagram
HBSA-08-25-08	M8 x 1	25.0 (0.98)	M8 x 1 or M12 x 1	3.16 (0.12)	5.84 (0.23)	6.26 (0.24)	Mounting Nut: 12.8 (0.50) Sensor Hex: 11.0 (0.43)	 <p>Rounded Piston Dimensions</p>
HBSA-08-50-08		50.0 (1.97)						
HBSA-12-25-12	M12 x 1	25.0 (0.98)	M8 x 1 or M12 x 1 or M18 x 1	4.32 (0.17)	9.40 (0.37)	5.94 (0.23)	15.7 (0.62)	
HBSA-12-50-12		50.0 (1.97)						
HBSA-12-75-12		75.0 (2.95)						
HBSA-12-100-12		100 (3.94)						
HBSA-18-25-18	M18 x 1	25.0 (0.98)	M8 x 1 or M12 x 1 or M18 x 1	4.32 (0.17)	6.36 (0.25)	6.36 (0.25)	22.1 (0.87)	
HBSA-18-50-18		50.0 (1.97)						
HBSA-18-75-18		75.0 (2.95)						
HBSA-18-100-18		100 (3.94)						

Part Number Legend

HBSA - XX - XX - XX - X

Banking Screw Adapter _____
 Barrel Thread, Dimension "A" _____
 Barrel Length, Dimension "B" _____
 Sensor Size (08, 12 or 18) _____
 "R" for rounded piston (8 & 12 only) _____

Application

Shown below, a HBSA is used as a reliable and rugged stop for a linear slide unit. Accurate and easy adjustments to end of stroke positions are possible using a standard, shielded, prox sensor:

