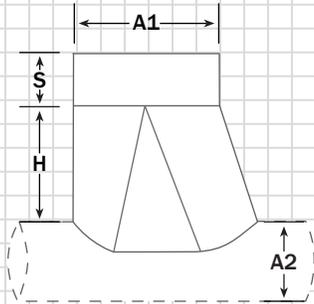


**90° Boot/Shoe Tap (BTP)**



**Key (BTP)**

A1 = 4" - 10" (all sizes), 12" - 60" (even sizes only)  
 A2 is greater than or equal to A1  
 S = 2"  
 H = 5"

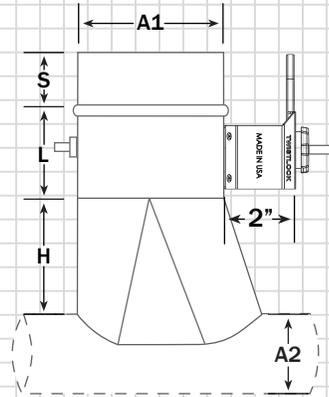
**Key (BTPD)**

A1 = 4" - 10" (all sizes), 12" - 60" (even sizes only)  
 A2 is greater than or equal to A1  
 S = 2"  
 L = 3.5"  
 H = 5"

**Gauge**

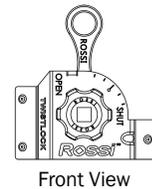
4" - 24" = 24 ga.  
 26" - 36" = 22 ga.

**90° Boot/Shoe Tap with Damper (BTPD)**



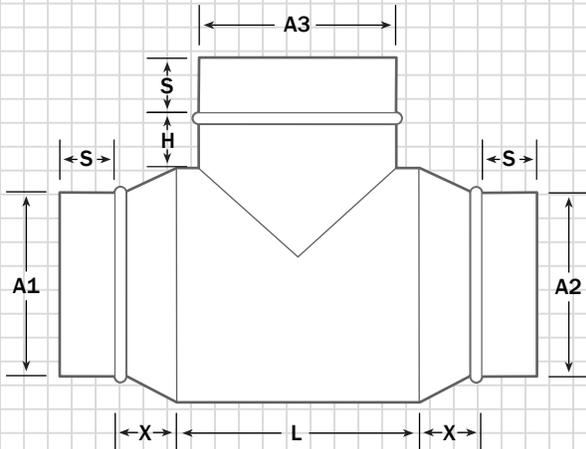
**Low-Leakage Dampers:**

- 2" Stand-off
- Nylon bushings
- Locking handle
- 3/8" Continuous square rod
- All dampers to be installed 90° from the inlet of airflow



Front View

**Reducing Bull Head Tee (BRT)**



**Key (BRT)**

S = 2"  
 H = 2"  
 L = A3 + 4"  
 X = 4" minimum  
 A3 > A1 or A2

Order as: in, out, branch (A1, A2, A3)

**Gauge**

4" - 24" = 24 ga.  
 26" - 36" = 22 ga.