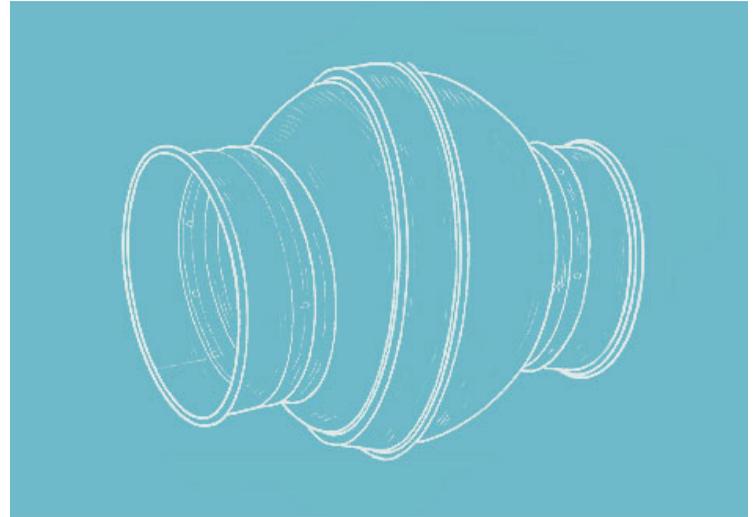
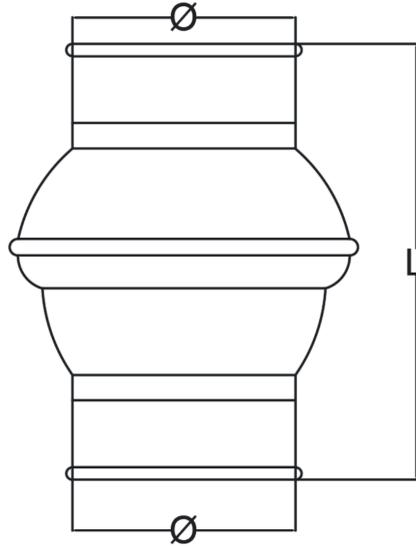


# ORIGIN DUCTWORKS

## BALL JOINT

The Ball Joint is installed in ducting as part of a dust collection system to provide flexible, multi-directional movement, accommodating up to 22° off-center. With 360° rotational capability, it allows ductwork or hoses to move freely without placing excessive stress on the system, making it ideal for applications such as CNC operations. Constructed from heavy-gauge galvanized steel, the Ball Joint features a raw end for connection to standard steel ductwork and a beaded end for attaching flexible hose (sold separately). Available in diameters up to 14" with flanged ends or other end types, odd sizes can be custom ordered with a six-week lead time.

Øin.	Length in.	Std. Weight Lbs.
4	9.5	10.19
5	10.75	15.18
6	11.75	17.13
7	10.75	19.23
8	14.0	21.36
9	15.0	23.3
10	14.25	26.59
12	15.25	28.86
14	17.5	36.11



### SNAPLOCK MATERIAL OPTIONS

#### GALVANIZED

Gauges	Size in		
	Min Øin.	Max Øin.	
All collars are 22ga for sizes 4" - 12" and 20ga for 14"			
STD.	20 body	5	7
	18 body	8	10
	16 body	12	12
	14 body	14	14