

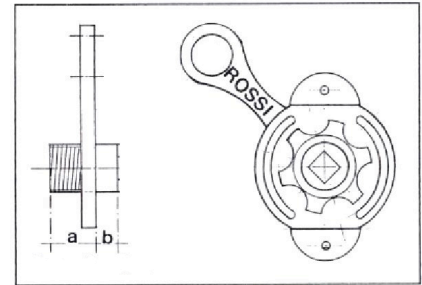
Rossi products adhere to all UL requirements, Plenum ratings and SMACNA standards for manual dampers; and comply with NFPA 90A & 90B.

TWISTKNOB (*patent pending*) – Fully hand operational, without the need for any tools. The Twistknob is made from a specially designed engineering polymer with an increased surface area resulting in the strongest friction lock on the market.

(Twistknob Flat)

1) BRACKET

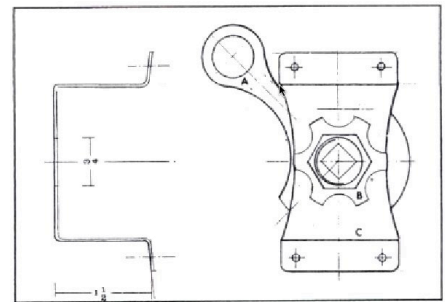
MATERIAL: Cold Rolled Steel / ASTM A – 1008, 18 GA. Nom. thickness .0478 Tol. Range .0438 to .0518. The bracket is manufactured in a single cut & formed process, using a progressive Die, Designed for use with both 1.5” and 2” wrapping or any other such stand-off applications. Completed with a white Chromate plating process which provides durable corrosion resistance. Auto Plating = ASTM B-633 TYPE II (white) Class FEVZN8 or SC2 Thickness .0003.



(Twistknob Standoff)

2) HANDLE & SECURING KNOB

MATERIAL: Polyamide 66 (PA66), Flame Retardant, Glass Reinforced Engineering Polymer, (PA66) or equivalent. This is the material outlined for use in all Non-Metallic Components as specified in the UL 1995 Standards Code for Heating & Cooling (CSA-C22.2 No. 238 UL 1995) with the required flammability rating of 5VA.



PA66 Specifications:

Tensile Modulus, psi	Tensile Strength @ Break, psi	Deflection Temp, °F	Impact Strength, Ft-Lb/In	Flexural Modulus, psi	Flexural Strength @ Break, psi	Elongation @ Yield
480,000	9,500	450° @ 66 psi 380° @ 264 psi	Notched IZOD: 4.00 Unnotched IZOD: 16.00	330,000	12,000	7%

Polyamide 66 (PA66), Flame Retardant, Glass Reinforced, designated “Zytel” furnished as pellets.

Material Dsg	Color	Min Thk mm	Flame Class	RTI					H	D		
				W	A	Elec	Mech		V	4	C	
				I	I		Imp	Str	R	5	I	
FR50+(f1)	ALL	0.35	V-0	—	—	—	—	—	—	—	—	
		0.75	V-0	0	0	130	105	105	—	—	—	
		NC	1.5	5VA	0	0	130	115	115	—	—	—
		BK	3.0	5VA	0	0	130	115	120	1	6	2



Proudly made in the USA.

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