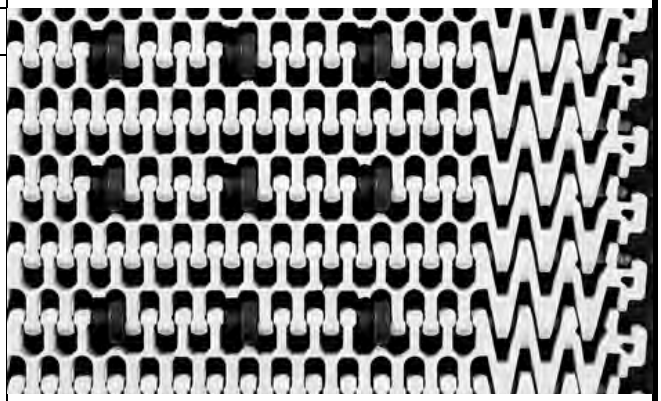
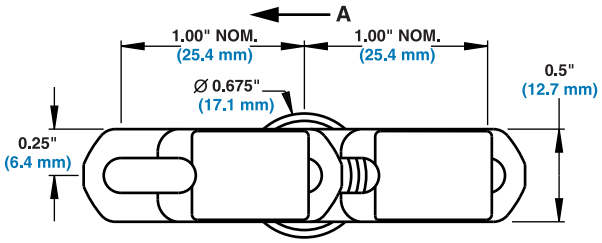
Radius Flush Grid (2.4) with Insert Rollers

	in	mm
Pitch	1.00	25.4
Minimum Width	9	229
Width Increments	1.00	25.4
Opening Size (approximate)	0.35 × 0.30	8.9 × 7.6
Open Area	42%	
Product Contact Area	23%	
Hinge Style	Open	
Drive Method	Hinge-driven	

Product Notes

- **Contact Intralox for precise belt measurements and stock status before designing equipment or ordering a belt.**
- For radius applications requiring low back pressure accumulation with minimum radius of 2.4 times belt width (measured from inside edge).
- Acetal rollers
- Uses headless rods.
- Standard roller width spacings: 2 in (51 mm), 3 in (76 mm) or 4 in (102 mm).
- Standard roller row spacings: 2 in (51 mm) or 4 in (102 mm).
- Roller Indents: 3.5 in (89 mm) or 4 in (102 mm) based on roller width spacing selected.
- Sprockets must NOT be placed in line with rollers.
- For low back pressure applications, place wearstrip between rollers. For driven applications, place wearstrip directly under rollers.
- Contact Sales Engineering before using a belt width greater than 24 in (610 mm) in a flat turning or spiral applications.
- Belts 12 in (305 mm) wide and less have a turn ratio of 1.7.





A -Preferred direction for flat turning applications

Additional Information

- See *"Belt Selection Process"* (page 7)
- See *"Standard Belt Materials"* (page 22)
- See *"Special Application Belt Materials"* (page 22)
- See *"Friction factors"* (page 26)

Belt Data

Belt Material	Standard Rod Material Ø 0.18 in (4.57 mm)	BS Straight Belt Strength		Curved Belt Strength[a] lb (kg)								Temperature Range (continuous)		W Belt Weight	
				Roller Indents		Belt Widths									
						12 in	305 mm	18 in	457 mm	24 in	610 mm				
		lb/ft	kg/m	in	mm	lb	kg	lb	kg	lb	kg	°F	°C	lb/ft²	kg/m²
Polypropylene	Acetal	500	744	3.5 or 4.0	89 or 102	122	55	140	64	157	71	34 to 200	1 to 93	1.20	5.86
Acetal	Nylon	500	744	3.5 or 4.0	89 or 102	162	73	179	81	195	88	-50 to 200	-46 to 93	1.73	8.44
Polypropylene	Polypropylene	500	744	3.5 or 4.0	89 or 102	80	36	91	41	102	46	34 to 220	1 to 104	1.12	5.47

a. The Curved Belt Strength is different for each belt width. Contact Intralox Sales Engineering for assistance with analysis.