
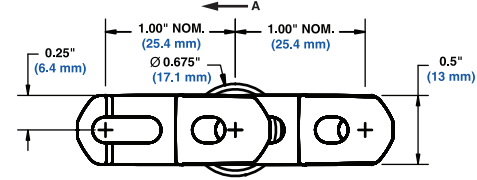


<b>Radius Flush Grid (2.8) with Insert Rollers</b>		
	in	mm
Pitch	1.00	25.4
Minimum Width	6	152
Width Increments	1.00	25.4
Opening Size (approximate)	0.35 x 0.30	8.9 x 7.6
Open Area	42%	
Product Contact Area	23%	
Hinge Style	Open	
Drive Method	Hinge-driven	



- Contact Intralox for precise belt measurements and stock status before designing equipment or ordering a belt.**
- This belt uses the Series 2400 2.2 turn radius flush grid as its base.
- Uses headless rods.
- Due to roller placement, the turn radius increases to 2.8.
- For radius applications requiring low back pressure accumulation with minimum radius of 2.8 times belt width (measured from inside edge).
- 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: 2 in (51 mm), 2.5 in (63 mm), 3 in (76 mm) or 3.5 in (89 mm) based on roller width spacing selected.
- Minimum width with hold down guides is 8 in (203 mm).
- Minimum roller indent with hold down guides is 3 in (76 mm).
- 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.



A - Preferred direction for flat turning applications

<b>Additional Information</b>		
<ul style="list-style-type: none"> <li>See "Belt Selection Process" (page 7)</li> <li>See "Standard Belt Materials" (page 22)</li> <li>See "Special Application Belt Materials" (page 22)</li> <li>See "Friction factors" (page 26)</li> </ul>		

<b>Belt Data</b>																				
Belt Material	Standard Rod Material Ø 0.18 in (4.57 mm)	<b>BS</b> Straight Belt Strength	Roller Width Spacing						Roller Indents		Curved Belt Strength <sup>a</sup> lb (kg)						Temperature Range (continuous)		<b>W</b> Belt Weight	
											Belt Widths									
			2 in	51 mm	3 in	76 mm	4 in	102 mm	12 in	305 mm	18 in	457 mm	24 in	610 mm	°F	°C	lb/ft <sup>2</sup>	kg/m <sup>2</sup>		
			lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	in	mm	lb	kg	lb	kg	lb	kg				
Polypropylene	Acetal	700	1040	800	1190	900	1340	2	51	130	60	150	65	165	75	34 to 200	1 to 93	1.21	1.21	
								2.5 to 3.5	64 to 89	175	80	200	91	225	102					
Acetal	Nylon	1000	1490	1200	1780	1300	1940	2	51	185	85	210	95	225	100	-50 to 200	-46 to 93	1.61	7.68	
								2.5 to 3.5	64 to 89	250	114	280	127	300	136					
Polypropylene	Polypropylene	600	890	700	1040	800	1190	2	51	85	35	95	40	105	50	34 to 220	1 to 104	1.04	5.11	
								2.5 to 3.5	64 to 89	114	52	130	59	146	67					

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