

Honeycomb Conveyor Belt

Drive Components

Sprockets

With their positive engagement, sprockets eliminate the possibility of slippage on the drive shaft that can occur on a friction driven belt systems. All sprockets are available in stainless steel, PA6G, "Oilon", Mild Steel or Cast Iron. The tables below shows the available pitch diameters and number of teeth for each belt pitch.



		European Standard Drive Sprocket Pitch Diameter Table				
		Belt Standard/Cross Rod Pitch				
		ES001	ES003	ES004/6	ES012/13	ES015
Teeth		13.7mm	26.2mm	27.4mm	28.6mm	28.4mm
12		53.32	101.62	106.25	110.89	110.12
18		79.47	151.46	158.37	165.28	164.12
24		105.73	201.49	210.69	219.88	218.35
30		132.02	251.61	263.09	274.57	272.65

		Imperial Standard Drive Sprocket Pitch Diameter Table										
		Belt Standard/Cross Rod Pitch										
		IS 101A	IS 101B	IS 101C	IS 102A	IS 102B	IS 102C	IS 104/5	IS106	IS 107	IS 108	IS 109
Teeth		12.85mm	13.72mm	14.22mm	28.58mm	27.53mm	26.97mm	26.97mm	28.58mm	38.1mm	50.8mm	76.2mm
12				53.98	109.42	105.41	103.23	103.23	109.42	146.22	195.3	293.45
16		64.58	69	71.61								
18		72.39	77.52	80.72	163.09	157.1	153.87	153.87	163.09	217.96	291.08	437.36
24		96.34	103.12	107.39	216.97	209	204.7	204.7	216.97	289.94	387.22	581.81
34					306.93							
36		144.25	154.46	161.65	324.94			306.58				