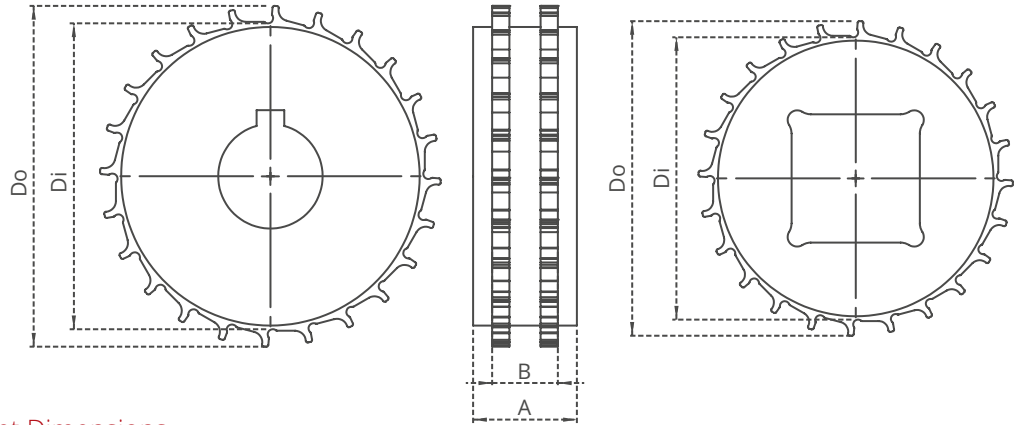


SM127 Series Sprockets and Technical Specifications



Z23



SM127 Series / Machined Sprocket Dimensions

NO. TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch	Round Bore (R) mm/inch	PRODUCT CODE	
							Square Type (Q)	Round Type (R)
Z15	51,8 / 2.03	61,9 / 2.44	19 / 0.75	30 / 1.18	25 / 1	25-30 / 1-1.25	SM127SQZ15*POM	SM127SRZ15*POM
Z19	68,1 / 2.68	78,2 / 3.08	19 / 0.75	30 / 1.18	25-40 / 1-1.5	25-30 / 1-1.25	SM127SQZ19*POM	SM127SRZ19*POM
Z24	88,4 / 3.48	98,5 / 3.88	19 / 0.75	30 / 1.18	25-40 / 1-1.5	25-30 / 1-1.25	SM127SQZ24*POM	SM127SRZ24*POM
Z28	104,7 / 4.12	114,7 / 4.52	19 / 0.75	30 / 1.18	25-40 / 1-1.5	25-30 / 1-1.25	SM127SQZ28*POM	SM127SRZ28*POM
Z36	137,1 / 5.39	147,1 / 5.79	19 / 0.75	30 / 1.18	25-40 / 1-1.5	25-30 / 1-1.25	SM127SQZ36*POM	SM127SRZ36*POM

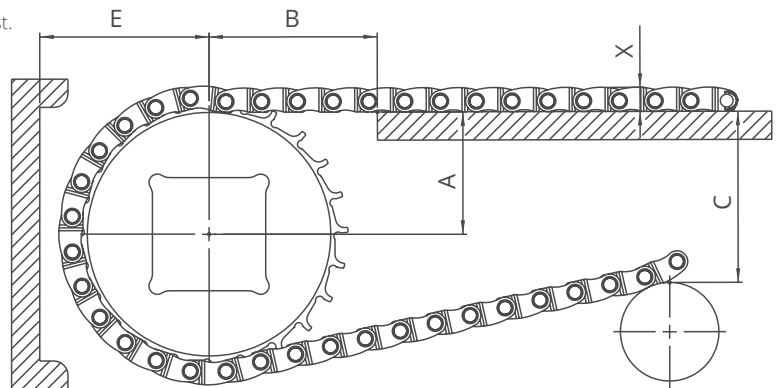
*All required sprockets produced by CNC.

*Other sprockets and hub sizes are manufactured up to request.

*POM (Acetal) and PA (Polyamide) sprockets raw material is available on request.

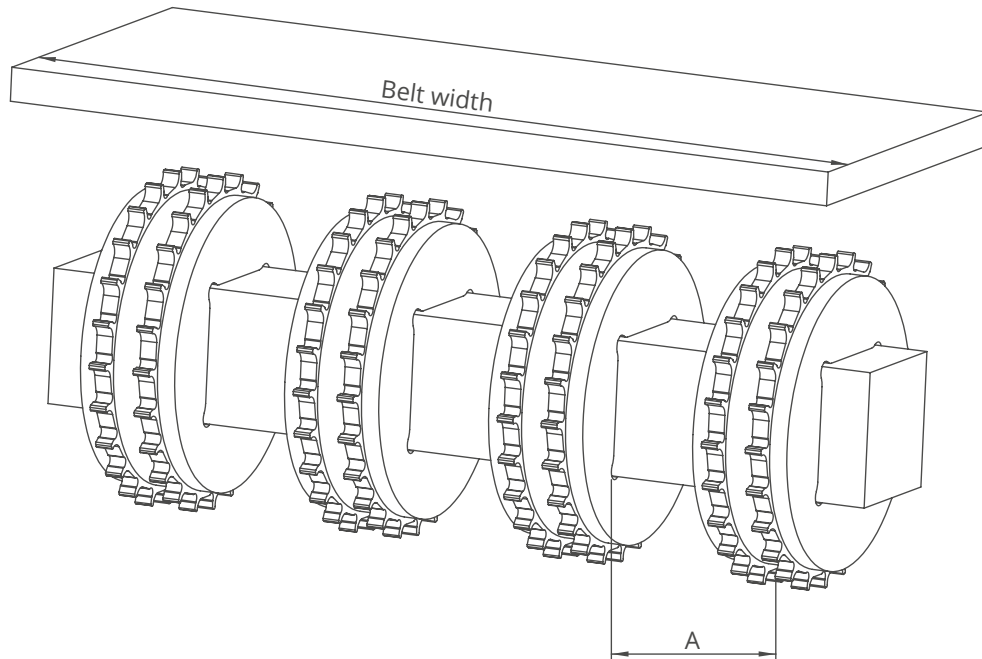
***Machined Split Sprockets are available for each size.**

A - ± 0,031" (1mm) C - ± (Max.)
 B - ± 0,125" (3mm) E - ± (Min.)



SM127 Series / Conveyor Frame Dimensions

Sprockets Description		A		B		C		E		X		
Pitch Diameter		Range (Bottom to Top)		inch	mm	inch	mm	inch	mm	inch	mm	
inch	mm	inch	mm									
SM127 C, SM127 FG												
2.30	58,3	15	1.10	27,9	1.19	30,2	1.89	48,1	1.49	37,9	0.30	7,6
2.99	75,9	19	1.39	35,3	1.54	39,0	2.58	65,5	1.84	46,7	0.30	7,6
3.85	97,8	24	1.76	44,6	1.96	49,9	3.41	86,5	2.27	57,7	0.30	7,6
4.54	115,4	28	2.05	52,1	2.31	58,7	4.06	103,2	2.62	66,5	0.30	7,6
5.93	150,5	36	2.63	66,9	3.00	76,2	5.48	139,1	3.31	84,1	0.30	7,6
SM127 CRV												
2.30	58,3	15	1.10	27,9	1.19	30,2	1.93	49,1	1.53	38,9	0.34	8,6
2.99	75,9	19	1.39	35,3	1.54	39,0	2.62	66,5	1.88	47,7	0.34	8,6
3.85	97,8	24	1.76	44,6	1.96	49,9	3.44	87,5	2.31	58,7	0.34	8,6
4.54	115,4	28	2.05	52,1	2.31	58,7	4.10	104,2	2.66	67,5	0.34	8,6
5.93	150,5	36	2.63	66,9	3.00	76,2	5.52	140,1	3.35	85,1	0.34	8,6



SM127 Series / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
152,4	6.0	2	2	60/ 2.36	170/ 6.6
228,6	9.0	2	2	60/ 2.36	170/ 6.6
304,8	12.0	3	2	60/ 2.36	170/ 6.6
381,0	15.0	4	3	60/ 2.36	170/ 6.6
457,2	18.0	5	3	60/ 2.36	170/ 6.6
533,4	21.0	5	3	60/ 2.36	170/ 6.6
609,6	24.0	6	3	60/ 2.36	170/ 6.6
685,8	27.0	6	4	60/ 2.36	170/ 6.6
762,0	30.0	7	4	60/ 2.36	170/ 6.6
838,2	33.0	7	4	60/ 2.36	170/ 6.6
914,4	36.0	8	4	60/ 2.36	170/ 6.6
990,6	39.0	8	5	60/ 2.36	170/ 6.6
1066,8	42.0	9	5	60/ 2.36	170/ 6.6
1143,0	45.0	9	5	60/ 2.36	170/ 6.6
1219,2	48.0	10	5	60/ 2.36	170/ 6.6
1295,4	51.0	10	6	60/ 2.36	170/ 6.6
1371,6	54.0	11	7	60/ 2.36	170/ 6.6
1447,8	57.0	11	7	60/ 2.36	170/ 6.6
1524,0	60.0	12	7	60/ 2.36	170/ 6.6
1600,2	63.0	12	8	60/ 2.36	170/ 6.6
1676,4	66.0	12	8	60/ 2.36	170/ 6.6
1752,6	69.0	13	8	60/ 2.36	170/ 6.6
1828,8	72.0	14	9	60/ 2.36	170/ 6.6
1905,0	75.0	14	9	60/ 2.36	170/ 6.6
1981,2	78.0	15	10	60/ 2.36	170/ 6.6
2057,4	81.0	15	10	60/ 2.36	170/ 6.6

Note: Number of sprockets depends on the belt load.