

PosiClean® Sprockets

PosiClean Sprocket Specifications

			PC20				
Tooth Count			6	8	10	12	16
Outside Diameter (Nominal*)		inch	3.7	4.9	6.2	7.5	10.0
		mm	94	129	157	191	254
Width (Nominal)		inch	1.3	1.3	1.3	1.3	1.3
		mm	32.0	32.0	32.0	32.0	32.0
Bore Size	Imperial	square, in	1.5	1.5	1.5	1.5	1.5
		round, in	1	1	1	1	1
	Metric	square, mm	40	40	40	40	40
		round, mm	30	30	30	30	30
In Stock (Square Bore Only)	(F = Flange, NF = No Flange)		F, NF	F, NF	F, NF	F, NF	F, NF
Weight	(lbs)		.32	.68	.57	.75	3.1

PC10				
6	8	10	12	20
1.9	2.5	3.2	3.8	6.4
48	64	81	97	163
1	1	1	1	1
25.4	25.4	25.4	25.4	25.4
N/A	N/A	1.5	1.5	1.5
1	1	N/A	N/A	N/A
N/A	N/A	40	40	40
30	30	N/A	N/A	N/A
		NF	NF	NF
.06	.12	.17	.30	.99

* Imperial keyway sizes on round bores conform to ANSI standard B17.1 - 1967 (R1989); metric keyway sizes conform to BS 4235: Part 1: 1972 (1986)

For pulleys with flanges, add .196" to outside diameter to get flange diameter.

Notes:

- Injection molded pulleys - acetal, machined pulleys - UHMW-PE
- Sprockets must be locked into position on the shaft.
- PC10 belting can run on some competitor's plastic modular belting with 8, 10, 12 and 20 tooth sprockets.
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PosiClean Sprocket & Support Guidelines (PC20 and PC10)

Belt Width	6" (152 mm)	9" (229 mm)	12" (305 mm)	15" (381 mm)	18" (457 mm)	21" (533 mm)	24" (610 mm)	27" (686 mm)	30" (762 mm)	36" (914 mm)	40" (1016 mm)	45" (1143 mm)	48" (1219 mm)
Min. No. Sprockets Max. 5" (127 mm) spacing center to center	3	3	4	4	5	6	6	7	7	8	9	10	11
No. of Sprockets for max. allow. tension Max. 3" (76 mm) spacing center to center	3	4	5	6	7	8	9	10	11	13	15	16	17
Min. No. Carryway Supports 6" (152 mm) spacing center to center	2	3	3	4	4	5	5	6	6	7	8	9	9