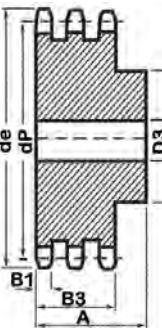
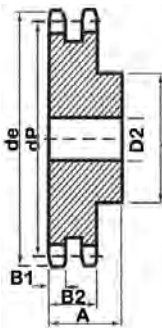
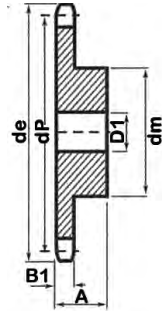
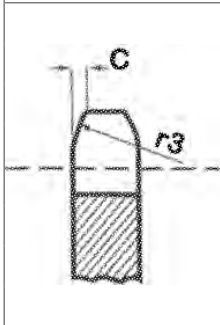


# British Standard Sprockets

## 10B-1-2-3 Sprocket



Pinions	mm
Tooth Radius r3	
Radius Width C	
Tooth Width B1	9.1
Tooth Width b1	
Tooth Width B2	25.5
Tooth Width B3	
Chain	mm
Pitch	5.88
Inside	9.65
Roller ø	10.2

Teeth	de	dp	Simplex				Duplex			
			dm	D1	A	App. Kg	dm	D2	A	App. Kg
8	48.4	41.48	25	10	25	0.09				
9	53.3	46.42	30	10	25	0.14	30	12	40	0.31
10	58.3	51.37	35	10	25	0.23	35	12	40	0.39
11	63.2	56.35	37	12	30	0.27	39	16	40	0.44
12	68.2	61.34	42	12	30	0.32	44	16	40	0.57
13	73.2	66.32	47	12	30	0.36	49	16	40	0.71
14	78.2	71.34	52	12	30	0.45	54	16	40	0.84
15	83.2	76.36	57	12	30	0.59	59	16	40	1.01
16	88.3	81.37	60	12	30	0.68	64	16	45	1.19
17	93.3	86.39	60	12	30	0.82	69	16	45	1.38
18	98.3	91.42	70	14	30	0.91	74	16	45	1.62
19	103.3	96.45	70	14	30	1.04	79	16	45	1.77
20	108.4	101.5	75	14	30	1.13	84	16	45	1.93
21	113.4	106.5	75	16	30	1.18	85	20	45	2.22
22	118.4	111.6	80	16	30	1.27	90	20	45	2.53
23	123.5	116.6	80	16	30	1.45	95	20	45	2.77
24	128.5	121.6	80	16	30	1.50	100	20	45	2.95
25	133.6	126.7	80	16	30	1.59	105	20	45	3.15
26	138.6	131.7	85	20	35	1.63	110	20	45	3.42
27	143.6	136.8	85	20	35	1.68	110	20	45	3.98
28	148.7	141.8	90	20	35	1.72	115	20	45	4.2
29	153.7	146.8	90	20	35	1.91	115	20	45	4.43
30	158.8	151.9	90	20	35	2.04	120	20	45	4.66
31	163.8	156.9	95	20	35	2.13				
32	168.9	162	95	20	35	2.27				
33	173.9	167	95	20	35	2.33				
34	178.9	172.1	95	20	35	2.36				
35	184	177.1	95	20	35	2.48				
36	189	182.2	100	20	35	2.56				
37	194.1	187.2	100	20	35	2.68				
38	199.1	192.2	100	20	35	2.72	120	20	45	7.67
39	204.2	197.3	100	20	35	2.86				
40	209.2	202.3	100	20	35	2.95	120	20	45	7.92
42	220.8	212.4	OA	OA	OA	3.01				
45	236	227.6	OA	OA	OA	3.73	OA	OA	OA	9.21
48	251.1	242.7	OA	OA	OA	4.18				
50	261.2	252.8	OA	OA	OA	4.40				
55	286.5	278.1	OA	OA	OA	4.96				
57	296.6	288.2	OA	OA	OA	5.27	OA	OA	OA	15.07
60	311.7	303.3	OA	OA	OA	5.9				
76	392.5	384.2	OA	OA	OA	11.03	OA	OA	OA	26.31
95	488.5	480.1	OA	OA	OA	14.57	OA	OA	OA	32.69
114	584.5	576.1	OA	OA	OA	20.61	OA	OA	OA	49.3