

# Metric Sprockets

## ISO 081B Plate Type A

DIN 8187/ISO R 606

Chain Size: 081B-1 (1/2" x 1/8")

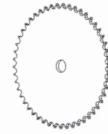
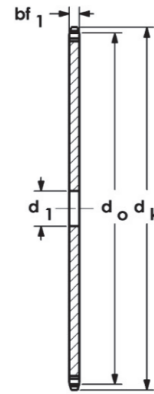
Pitch: 12.7 mm

Roller Width: 3.3 mm

Roller Dia.: 7.75 mm

Spkt. Width: 3 mm (bf<sub>1</sub>)

Material: Steel C45



Models Available

Part No.	Teeth	d <sub>o</sub> mm	d <sub>k</sub> mm	d <sub>1</sub> mm	Wt. kg
081B-8A	8	33.18	39.5	8	0.020
081B-9A	9	37.13	43.4	8	0.025
081B-10A	10	41.10	47.4	8	0.028
081B-11A	11	45.07	51.4	8	0.030
081B-12A	12	49.07	55.4	8	0.035
081B-13A	13	53.06	59.4	8	0.040
081B-14A	14	57.07	63.4	8	0.050
081B-15A	15	61.09	67.4	8	0.055
081B-16A	16	65.10	71.4	10	0.065
081B-17A	17	69.11	75.4	10	0.070
081B-18A	18	73.14	79.4	10	0.080
081B-19A	19	77.16	83.5	10	0.090
081B-20A	20	81.19	87.5	10	0.110
081B-21A	21	85.22	91.5	10	0.115
081B-22A	22	89.24	95.5	10	0.130
081B-23A	23	93.27	99.6	10	0.145
081B-24A	24	97.29	103.6	10	0.155
081B-25A	25	101.33	107.6	10	0.170
081B-26A	26	105.36	111.7	12	0.180
081B-27A	27	109.40	115.7	12	0.195
081B-28A	28	113.42	119.7	12	0.215
081B-29A	29	117.46	123.8	12	0.280
081B-30A	30	121.50	127.8	12	0.350
081B-31A	31	125.54	131.8	12	0.270
081B-32A	32	129.56	135.9	12	0.280
081B-33A	33	133.60	139.9	12	0.285
081B-34A	34	137.64	143.9	12	0.410
081B-35A	35	141.68	148.0	12	0.460
081B-36A	36	145.72	152.0	16	0.480
081B-37A	37	149.76	156.1	16	0.510
081B-38A	38	153.80	160.1	16	0.525
081B-39A	39	157.83	164.1	16	0.500
081B-40A	40	161.87	168.2	16	0.600
081B-41A	41	165.91	172.7	16	0.610
081B-42A	42	169.95	176.7	16	0.665
081B-43A	43	173.99	180.8	16	0.700

Part No.	Teeth	d <sub>o</sub> mm	d <sub>k</sub> mm	d <sub>1</sub> mm	Wt. kg
081B-44A	44	178.03	184.8	16	0.73
081B-45A	45	182.07	188.9	16	0.76
081B-46A	46	186.10	192.9	20	0.81
081B-47A	47	190.14	196.9	20	0.85
081B-48A	48	194.18	201.0	20	0.88
081B-49A	49	198.22	205.0	20	0.905
081B-50A	50	202.26	209.1	20	0.91
081B-51A	51	206.30	213.1	20	0.95
081B-52A	52	210.34	217.1	20	1.00
081B-53A	53	214.37	221.2	20	1.05
081B-54A	54	218.43	225.2	20	1.08
081B-55A	55	222.46	229.3	20	1.12
081B-56A	56	226.50	233.3	20	1.15
081B-57A	57	230.54	237.3	20	1.00
081B-58A	58	234.58	241.4	20	1.10
081B-59A	59	238.62	245.4	20	1.20
081B-60A	60	242.66	249.5	20	1.30
081B-62A	62	250.75	257.5	20	1.51
081B-64A	64	258.82	265.6	20	1.45
081B-65A	65	262.86	269.7	20	1.47
081B-66A	66	266.90	273.7	25	1.48
081B-68A	68	274.99	281.8	25	1.50
081B-70A	70	283.07	289.9	25	1.89
081B-72A	72	291.16	298.0	25	1.92
081B-75A	75	303.27	310.1	25	1.95
081B-76A	76	307.33	314.1	25	1.98
081B-78A	78	315.40	322.2	25	2.00
081B-80A	80	323.48	330.3	25	2.10
081B-85A	85	343.69	350.5	25	2.20
081B-90A	90	363.90	370.7	25	2.30
081B-95A	95	384.11	390.9	25	2.51
081B-100A	100	404.31	411.1	25	2.60
081B-110A	110	444.74	451.5	25	2.62
081B-114A	114	460.90	467.7	25	2.65
081B-120A	120	485.16	492.0	25	3.00
081B-125A	125	505.37	512.2	25	3.10