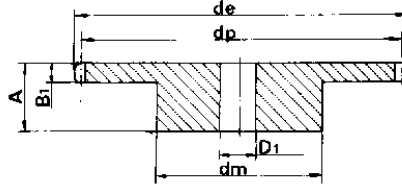


Metric Steel MPB Sprockets

Flame Hardened Teeth



Minimum Plain Bore

Material: AISI C1040

Size	Z	12	13	14	15	16	17	18	19	20	21	22	23	24	25	30
3/8" x 7/32" 32B...H	de		43.5	46.5	49.5	52.5	55.5	58.6	61.6	64.6	67.6	70.6	73.7	76.7	79.7	94.8
	dp		39.8	42.8	45.81	48.82	51.83	54.85	57.87	60.89	63.91	66.93	69.95	72.97	76	92.12
	dm		28	31	34	37	40	43	45	46	48	50	52	54	57	60
	D ₁		10	10	10	10	10	10	10	10	12	12	12	12	12	12
	A		25	25	25	28	28	28	28	28	28	28	28	28	28	28
1/2" x 5/16" 42B...H	de	53.9	57.9	61.9	65.9	69.9	74	78	82	86	90.1	94.1	98.1	102.1	106.2	126.3
	dp	49.07	53.06	57.07	61.09	65.1	69.11	73.14	77.16	81.19	85.22	89.24	93.27	97.29	101.33	121.5
	dm	33	37	41	45	50	52	56	60	64	68	70	70	70	70	80
	D ₁	10	10	10	10	12	12	12	12	12	14	14	14	14	14	16
	A	28	28	28	28	28	28	28	28	28	28	28	28	28	28	30
5/8" x 3/8" 52B...H	de	68.2	73.2	78.2	83.2	88.3	93.3	98.3	103.3	108.4	113.4	118.4	123.5	128.5	133.6	158.8
	dp	61.34	66.32	71.34	76.36	81.37	86.39	91.42	96.45	101.49	106.32	111.55	116.58	121.62	126.66	151.87
	dm	42	47	52	57	60	60	70	75	75	75	80	80	80	80	90
	D ₁	12	12	12	12	12	12	14	14	14	16	16	16	16	16	20
	A	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35
3/4" x 7/16" 62B...H	de	81.8	87.8	93.8	99.8	105.8	111.9	117.9	123.9	130	136	142	148.1	154.1	160.2	190.4
	dp	73.6	79.59	85.61	91.63	97.65	103.67	109.71	115.75	121.78	127.82	133.86	139.9	145.94	152	182.25
	dm	52	58	64	70	75	80	80	80	80	90	90	90	90	90	95
	D ₁	16	16	16	16	16	16	16	16	16	20	20	20	20	20	20
	A	35	35	35	35	35	35	35	35	35	40	40	40	40	40	40
1" x 17/32" 82B...H	de	109.7	117.7	125.7	133.7	141.8	149.8	157.8	165.9	173.9	182	190.1	198.1	206.1	214.2	254.6
	dp	98.14	106.12	114.15	122.17	130.2	138.22	146.28	154.33	162.38	170.43	178.48	186.53	194.59	202.65	243
	dm	69	78	84	92	100	100	100	100	100	110	110	110	110	110	120
	D ₁	16	16	16	16	20	20	20	20	20	20	20	20	20	20	20
	A	40	40	40	40	45	45	45	45	45	50	50	50	50	50	50

Ordering Example:

42B15H
 42---Chain size
 B---Sprocket with hub
 15---Number of teeth
 H---Flame hardened teeth



Cross section of teeth
heat-treatment