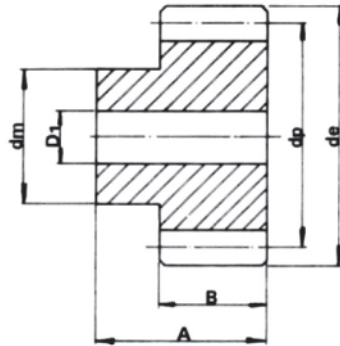


Spur Gear



רוחב שן B

15 מ"מ = מודול 1
17 מ"מ = מודול 1.5
20 מ"מ = מודול 2
25 מ"מ = מודול 2.5

רוחב כללי A

25 מ"מ = מודול 1
30 מ"מ = מודול 1.5
35 מ"מ = מודול 2
40 מ"מ = מודול 2.5

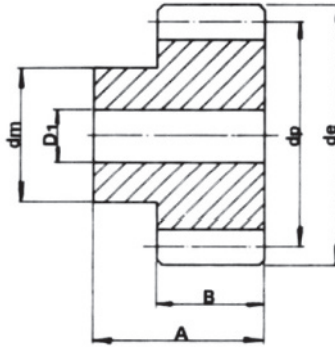
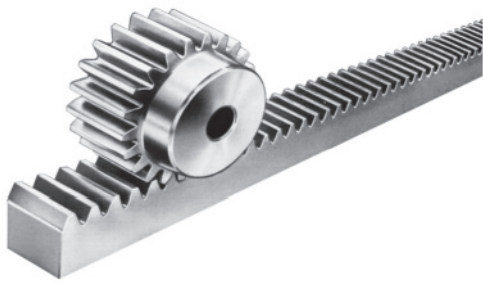
מספר שיניים Z	מודול 1					מודול 1.5					מודול 2					מודול 2.5				
	מק"ט	מידות [מ"מ]				מק"ט	מידות [מ"מ]				מק"ט	מידות [מ"מ]				מק"ט	מידות [מ"מ]			
		de	dp	dm	D1		de	dp	dm	D1		de	dp	dm	D1		de	dp	dm	D1
12	M1-12T	14	12	9	-	M1.5-12T	21.0	18.0	14	8	M2-12T	28	24	18	10	M2.5-12T	35.0	30.0	22	10
13	M1-13T	15	13	10	-	M1.5-13T	22.5	19.5	14	8	M2-13T	30	26	19	10	M2.5-13T	37.5	32.5	25	10
14	M1-14T	16	14	10	-	M1.5-14T	24.0	21.0	18	8	M2-14T	32	28	20	10	M2.5-14T	40.0	35.0	28	10
15	M1-15T	17	15	12	-	M1.5-15T	25.5	22.5	18	8	M2-15T	34	30	22	10	M2.5-15T	42.5	37.5	30	10
16	M1-16T	18	16	13	-	M1.5-16T	27.0	24.0	20	8	M2-16T	36	32	24	10	M2.5-16T	45.0	40.0	32	12
17	M1-17T	19	17	14	8	M1.5-17T	28.5	25.5	20	8	M2-17T	38	34	25	10	M2.5-17T	47.5	42.5	35	12
18	M1-18T	20	18	15	8	M1.5-18T	30.0	27.0	20	8	M2-18T	40	36	25	10	M2.5-18T	50.0	45.0	35	12
19	M1-19T	21	19	15	8	M1.5-19T	31.5	28.5	20	8	M2-19T	42	38	25	10	M2.5-19T	52.5	47.5	35	12
20	M1-20T	22	20	16	8	M1.5-20T	33.0	30.0	25	8	M2-20T	44	40	30	10	M2.5-20T	55.0	50.0	40	14
21	M1-21T	23	21	16	8	M1.5-21T	34.5	31.5	25	10	M2-21T	46	42	30	12	M2.5-21T	57.5	52.5	40	14
22	M1-22T	24	22	18	8	M1.5-22T	36.0	33.0	25	10	M2-22T	48	44	30	12	M2.5-22T	60.0	55.0	45	14
23	M1-23T	25	23	18	8	M1.5-23T	37.5	34.5	25	10	M2-23T	50	46	30	12	M2.5-23T	62.5	57.5	45	14
24	M1-24T	26	24	20	8	M1.5-24T	39.0	36.0	25	10	M2-24T	52	48	35	12	M2.5-24T	65.0	60.0	45	14
25	M1-25T	27	25	20	8	M1.5-25T	40.5	37.5	25	10	M2-25T	54	50	35	12	M2.5-25T	67.5	62.5	50	14
26	M1-26T	28	26	20	8	M1.5-26T	42.0	39.0	30	12	M2-26T	56	52	40	12	M2.5-26T	70.0	65.0	50	14
27	M1-27T	29	27	20	8	M1.5-27T	43.5	40.5	30	12	M2-27T	58	54	40	12	M2.5-27T	72.5	67.5	50	14
28	M1-28T	30	28	20	8	M1.5-28T	45.0	42.0	30	12	M2-28T	60	56	40	12	M2.5-28T	75.0	70.0	50	14
29	M1-29T	31	29	20	8	M1.5-29T	46.5	43.5	30	12	M2-29T	62	58	40	14	M2.5-29T	77.5	72.5	50	14
30	M1-30T	32	30	20	8	M1.5-30T	48.0	45.0	30	12	M2-30T	64	60	40	14	M2.5-30T	80.0	75.0	55	16
31	M1-31T	33	31	25	10	M1.5-31T	49.5	46.5	35	12	M2-31T	66	62	45	14	M2.5-31T	82.5	77.5	55	16
32	M1-32T	34	32	25	10	M1.5-32T	51.0	48.0	35	12	M2-32T	68	64	45	14	M2.5-32T	85.0	80.0	55	16
33	M1-33T	35	33	25	10	M1.5-33T	52.5	49.5	35	12	M2-33T	70	66	45	14	M2.5-33T	87.5	82.5	55	16
34	M1-34T	36	34	25	10	M1.5-34T	54.0	51.0	35	12	M2-34T	72	68	45	14	M2.5-34T	90.0	85.0	55	16
35	M1-35T	37	35	25	10	M1.5-35T	55.5	52.5	35	12	M2-35T	74	70	45	14	M2.5-35T	92.5	87.5	60	16
36	M1-36T	38	36	25	10	M1.5-36T	57.0	54.0	35	12	M2-36T	76	72	45	14	M2.5-36T	95.0	90.0	60	16
37	M1-37T	39	37	25	10	M1.5-37T	58.5	55.5	40	12	M2-37T	78	74	50	14	M2.5-37T	97.5	92.5	60	16
38	M1-38T	40	38	25	10	M1.5-38T	60.0	57.0	40	12	M2-38T	80	76	50	14	M2.5-38T	100.0	95.0	60	16
39	M1-39T	41	39	25	10	M1.5-39T	61.5	58.5	40	12	M2-39T	82	78	50	14	M2.5-39T	102.5	97.5	60	16
40	M1-40T	42	40	25	10	M1.5-40T	63.0	60.0	40	12	M2-40T	84	80	50	14	M2.5-40T	105.0	100.0	70	20
41	M1-41T	43	41	30	10	M1.5-41T	64.5	61.5	50	14	M2-41T	86	82	60	16	M2.5-41T	107.5	102.5	70	20

גטר

C43 חומר

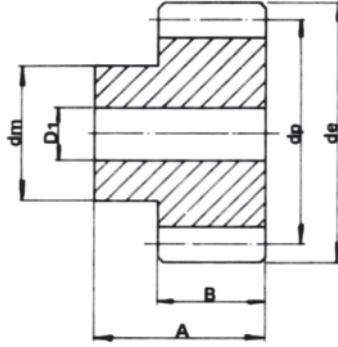


Spur Gear



רוחב שן B =		רוחב כללי A =	
15 מ"מ = מודול 1	25 מ"מ = מודול 1	30 מ"מ = מודול 1.5	40 מ"מ = מודול 2
17 מ"מ = מודול 1.5	35 מ"מ = מודול 2	40 מ"מ = מודול 2.5	
20 מ"מ = מודול 2			
25 מ"מ = מודול 2.5			

מספר שיניים z	מק"ט	מודול 1				מק"ט	מודול 1.5				מק"ט	מודול 2				מק"ט	מודול 2.5				
		מידות [מ"מ]					מידות [מ"מ]					מידות [מ"מ]					מידות [מ"מ]				
		de	dp	dm	D1	de	dp	dm	D1	de	dp	dm	D1	de	dp	dm	D1	de	dp	dm	D1
42	M1-42T	44	42	30	10	M1.5-42T	66.0	63.0	50	14	M2-42T	88	84	60	16	M2.5-42T	110.0	105.0	70	20	
43	M1-43T	45	43	30	10	M1.5-43T	67.5	64.5	50	14	M2-43T	90	86	60	16	M2.5-43T	112.5	107.5	70	20	
44	M1-44T	46	44	30	10	M1.5-44T	69.0	66.0	50	14	M2-44T	92	88	60	16	M2.5-44T	115.0	110.0	70	20	
45	M1-45T	47	45	30	10	M1.5-45T	70.5	67.5	50	14	M2-45T	94	90	60	16	M2.5-45T	117.5	112.5	70	20	
46	M1-46T	48	46	30	10	M1.5-46T	72.0	69.0	50	14	M2-46T	96	92	60	16	M2.5-46T	120.0	115.0	70	20	
47	M1-47T	49	47	30	10	M1.5-47T	73.5	70.5	50	14	M2-47T	98	94	60	16	M2.5-47T	122.5	117.5	80	20	
48	M1-48T	50	48	30	10	M1.5-48T	75.0	72.0	50	14	M2-48T	100	96	70	16	M2.5-48T	125.0	120.0	80	20	
49	M1-49T	51	49	30	10	M1.5-49T	76.5	73.5	50	14	M2-49T	102	98	70	16	M2.5-49T	127.5	122.5	80	20	
50	M1-50T	52	50	30	12	M1.5-50T	78.0	75.0	50	14	M2-50T	104	100	70	16	M2.5-50T	130.0	125.0	80	20	
51	M1-51T	53	51	40	12	M1.5-51T	79.5	76.5	60	15	M2-51T	106	102	70	20	M2.5-51T	132.5	127.5	90	20	
52	M1-52T	54	52	40	12	M1.5-52T	81.0	78.0	60	15	M2-52T	108	104	70	20	M2.5-52T	135.0	130.0	90	20	
53	M1-53T	55	53	40	12	M1.5-53T	82.5	79.5	60	15	M2-53T	110	106	70	20	M2.5-53T	137.5	132.5	90	20	
54	M1-54T	56	54	40	12	M1.5-54T	84.0	81.0	60	15	M2-54T	112	108	70	20	M2.5-54T	140.0	135.0	90	20	
55	M1-55T	57	55	40	12	M1.5-55T	85.5	82.5	60	15	M2-55T	114	110	70	20	M2.5-55T	142.5	137.5	90	20	
56	M1-56T	58	56	40	12	M1.5-56T	87.0	84.0	60	15	M2-56T	116	112	70	20	M2.5-56T	145.0	140.0	100	20	
57	M1-57T	59	57	40	12	M1.5-57T	88.5	85.5	60	15	M2-57T	118	114	70	20	M2.5-57T	147.5	142.5	100	20	
58	M1-58T	60	58	40	12	M1.5-58T	90.0	87.0	60	15	M2-58T	120	116	70	20	M2.5-58T	150.0	145.0	100	20	
59	M1-59T	61	59	40	12	M1.5-59T	91.5	88.5	60	15	M2-59T	122	118	70	20	M2.5-59T	152.5	147.5	100	20	
60	M1-60T	62	60	40	12	M1.5-60T	93.0	90.0	60	15	M2-60T	124	120	70	20	M2.5-60T	155.0	150.0	100	20	
61	M1-61T	63	61	50	12	M1.5-61T	94.5	91.5	70	20	M2-61T	126	122	80	20	M2.5-61T	-	-	-	-	
62	M1-62T	64	62	50	12	M1.5-62T	96.0	93.0	70	20	M2-62T	128	124	80	20	M2.5-62T	-	-	-	-	
63	M1-63T	65	63	50	12	M1.5-63T	97.5	94.5	70	20	M2-63T	130	126	80	20	M2.5-63T	-	-	-	-	
64	M1-64T	66	64	50	12	M1.5-64T	99.0	96.0	70	20	M2-64T	132	128	80	20	M2.5-64T	-	-	-	-	
65	M1-65T	67	65	50	12	M1.5-65T	100.5	97.5	70	20	M2-65T	134	130	80	20	M2.5-65T	-	-	-	-	
66	M1-66T	68	66	50	12	M1.5-66T	102.0	99.0	70	20	M2-66T	136	132	80	20	M2.5-66T	-	-	-	-	
67	M1-67T	69	67	50	12	M1.5-67T	103.5	100.5	70	20	M2-67T	138	134	80	20	M2.5-67T	-	-	-	-	
68	M1-68T	70	68	50	12	M1.5-68T	105.0	102.0	70	20	M2-68T	140	136	80	20	M2.5-68T	-	-	-	-	
69	M1-69T	71	69	50	12	M1.5-69T	106.5	103.5	70	20	M2-69T	142	138	80	20	M2.5-69T	-	-	-	-	
70	M1-70T	72	70	50	12	M1.5-70T	108.0	105.0	70	20	M2-70T	144	140	80	20	M2.5-70T	-	-	-	-	



רוחב שן B =
 מודול 3 = 30 מ"מ
 מודול 4 = 40 מ"מ
 מודול 5 = 50 מ"מ
 מודול 6 = 60 מ"מ

A = רוחב כללי
 מודול 3 = 50 מ"מ
 מודול 4 = 60 מ"מ
 מודול 5 = 75 מ"מ
 מודול 6 = 80 מ"מ

מספר שיניים	מק"ט	מודול 3				מק"ט	מודול 4				מק"ט	מודול 5				מק"ט	מודול 6			
		מידות [מ"מ]					מידות [מ"מ]					מידות [מ"מ]					מידות [מ"מ]			
Z		de	dp	dm	D1	de	dp	dm	D1	de	dp	dm	D1	de	dp	dm	D1			
12	M3-12T	42	36	25	12	M4-12T	56	48	35	14	M5-12T	70	60	45	16	M6-12T	84	72	54	-
13	M3-13T	45	39	25	12	M4-13T	60	52	40	14	M5-13T	75	65	50	16	M6-13T	90	78	60	-
14	M3-14T	48	42	30	12	M4-14T	64	56	45	14	M5-14T	80	70	55	20	-	-	-	-	
15	M3-15T	51	45	35	12	M4-15T	68	60	45	14	M5-15T	85	75	60	20	M6-15T	102	90	70	-
16	M3-16T	54	48	38	15	M4-16T	72	64	50	15	M5-16T	90	80	65	20	M6-16T	108	96	75	-
17	M3-17T	57	51	42	15	M4-17T	76	68	50	15	M5-17T	95	85	70	20	-	-	-	-	
18	M3-18T	60	54	45	15	M4-18T	80	72	50	15	M5-18T	100	90	70	20	M6-18T	120	108	80	-
19	M3-19T	63	57	45	15	M4-19T	84	76	60	15	M5-19T	105	95	70	20	-	-	-	-	
20	M3-20T	66	60	45	15	M4-20T	88	80	60	15	M5-20T	110	100	80	20	M6-20T	132	120	90	-
21	M3-21T	69	63	45	15	M4-21T	92	84	70	20	M5-21T	115	105	80	20	-	-	-	-	
22	M3-22T	72	66	50	15	M4-22T	96	88	70	20	M5-22T	120	110	80	25	-	-	-	-	
23	M3-23T	75	69	50	15	M4-23T	100	92	75	20	M5-23T	125	115	90	25	-	-	-	-	
24	M3-24T	78	72	50	16	M4-24T	104	96	75	20	M5-24T	130	120	90	25	M6-24T	156	144	110	-
25	M3-25T	81	75	60	16	M4-25T	108	100	75	20	M5-25T	135	125	90	25	M6-25T	162	150	110	-
26	M3-26T	84	78	60	16	M4-26T	112	104	75	20	M5-26T	140	130	100	25	-	-	-	-	
27	M3-27T	87	81	60	16	M4-27T	116	108	75	20	M5-27T	145	135	100	25	-	-	-	-	
28	M3-28T	90	84	60	16	M4-28T	120	112	75	20	M5-28T	150	140	100	25	-	-	-	-	
29	M3-29T	93	87	60	16	M4-29T	124	116	75	20	M5-29T	155	145	100	25	-	-	-	-	
30	M3-30T	96	90	60	16	M4-30T	128	120	75	20	M5-30T	160	150	100	25	M6-30T	192	180	170	25
31	M3-31T	99	93	70	20	M4-31T	132	124	80	20	-	-	-	-	-	-	-	-	-	
32	M3-32T	102	96	70	20	M4-32T	136	128	80	20	-	-	-	-	-	-	-	-	-	
33	M3-33T	105	99	70	20	M4-33T	140	132	80	20	-	-	-	-	-	-	-	-	-	
34	M3-34T	108	102	70	20	M4-34T	144	136	80	20	-	-	-	-	-	-	-	-	-	
35	M3-35T	111	105	70	20	M4-35T	148	140	80	20	M5-35T	185	175	110	25	-	-	-	-	
36	M3-36T	114	108	70	20	M4-36T	152	144	80	20	-	-	-	-	-	-	-	-	-	
37	M3-37T	117	111	80	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38	M3-38T	120	114	80	20	M4-38T	160	152	80	25	M5-38T	200	190	110	25	-	-	-	-	
39	M3-39T	123	117	80	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40	M3-40T	126	120	80	20	M4-40T	168	160	80	25	-	-	-	-	-	-	-	-	-	