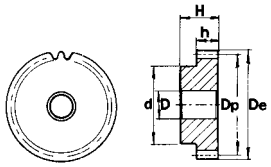
Цилиндрические зубчатые шестерни

h

Модуль зуба
1 = 15 мм
1,5 = 17 мм
2 = 20 мм
2,5 = 25 мм
3 = 30 мм
4 = 40 мм
5 = 50 мм
6 = 60 мм

H

Модуль зуба
1 = 15 мм
1,5 = 17 мм
2 = 20 мм
2,5 = 25 мм
3 = 30 мм
4 = 40 мм
5 = 50 мм
6 = 60 мм



Угол зацепления 20°
Материал С 45 Е

Z	Модуль 1					Модуль 1,5					Модуль 2				
	Код	D_e	D_p	d	D	Код	D_e	D_p	d	D	Код	D_e	D_p	d	D
12	MZ 1012	14	12	9	5	MZ 1512	21,0	18,0	14	8	MZ 2012	28	24	18	10
13	MZ 1013	15	13	10	5	MZ 1513	22,5	19,5	14	8	MZ 2013	30	26	19	10
14	MZ1014	16	14	10	5	MZ 1514	24,0	21,0	17	8	MZ 2014	32	28	20	10
15	MZ 1015	17	15	12	6	MZ 1515	25,5	22,5	18	8	MZ 2015	34	30	22	10
16	MZ 1016	18	16	13	6	MZ 1516	27,0	24,0	20	8	MZ 2016	36	32	24	10
17	MZ 1017	19	17	14	8	MZ 1517	28,5	25,5	20	8	MZ 2017	38	34	25	10
18	MZ 1018	20	18	15	8	MZ 1518	30,0	27,0	20	8	MZ 2018	40	36	25	10
19	MZ 1019	21	19	15	8	MZ 1519	31,5	28,5	20	8	MZ 2019	42	38	25	10
20	MZ 1020	22	20	16	8	MZ 1520	33,0	30,0	25	8	MZ 2020	44	40	30	10
21	MZ 1021	23	21	16	8	MZ 1521	34,5	31,5	25	10	MZ 2021	46	42	30	12
22	MZ 1022	24	22	18	8	MZ 1522	36,0	33,0	25	10	MZ 2022	48	44	30	12
23	MZ 1023	25	23	18	8	MZ 1523	37,5	34,5	25	10	MZ 2023	50	46	30	12
24	MZ 1024	26	24	20	8	MZ 1524	39,0	36,0	25	10	MZ 2024	52	48	35	12
25	MZ 1025	27	25	20	8	MZ 1525	40,5	37,5	25	10	MZ 2025	54	50	35	12
26	MZ 1026	28	26	20	8	MZ 1526	42,0	39,0	30	12	MZ 2026	56	52	40	12
27	MZ 1027	29	27	20	8	MZ 1527	43,5	40,5	30	12	MZ 2027	58	54	40	12
28	MZ 1028	30	28	20	8	MZ 1528	45,0	42,0	30	12	MZ 2028	60	56	40	12
29	MZ 1029	31	29	20	8	MZ 1529	46,5	43,5	30	12	MZ 2029	62	58	40	14
30	MZ 1030	32	30	20	8	MZ 1530	48,0	45,0	30	12	MZ 2030	64	60	40	14
31	MZ 1031	33	31	25	10	MZ 1531	49,5	46,5	35	12	MZ 2031	66	62	45	14
32	MZ 1032	34	32	25	10	MZ 1532	51,0	48,0	35	12	MZ 2032	68	64	45	14
33	MZ 1033	35	33	25	10	MZ 1533	52,5	49,5	35	12	MZ 2033	70	66	45	14
34	MZ 1034	36	34	25	10	MZ 1534	54,0	51,0	35	12	MZ 2034	72	68	45	14
35	MZ 1035	37	35	25	10	MZ 1535	55,5	52,5	35	12	MZ 2035	74	70	45	14
36	MZ 1036	38	36	25	10	MZ 1536	57,0	54,0	35	12	MZ 2036	76	72	45	14
37	MZ 1037	39	37	25	10	MZ 1537	58,5	55,5	40	12	MZ 2037	78	74	50	14
38	MZ 1038	40	38	25	10	MZ 1538	60,0	57,0	40	12	MZ 2038	80	76	50	14
39	MZ 1039	41	39	25	10	MZ 1539	61,5	58,5	40	12	MZ 2039	82	78	50	14
40	MZ 1040	42	40	25	10	MZ 1540	63,0	60,0	40	12	MZ 2040	84	80	50	14
41	MZ 1041	43	41	30	10	MZ 1541	64,5	61,5	50	14	MZ 2041	86	82	60	16
42	MZ 1042	44	42	30	10	MZ 1542	66,0	63,0	50	14	MZ 2042	88	84	60	16
43	MZ 1043	45	43	30	10	MZ 1543	67,5	64,5	50	14	MZ 2043	90	86	60	16
44	MZ 1044	46	44	30	10	MZ 1544	69,0	66,0	50	14	MZ 2044	92	88	60	16
45	MZ 1045	47	45	30	10	MZ 1545	70,5	67,5	50	14	MZ 2045	94	90	60	16
46	MZ 1046	48	46	30	10	MZ 1546	72,0	69,0	50	14	MZ 2046	96	92	60	16
47	MZ 1047	49	47	30	10	MZ 1547	73,5	70,5	50	14	MZ 2047	98	94	60	16
48	MZ 1048	50	48	30	10	MZ 1548	75,0	72,0	50	14	MZ 2048	100	96	70	16
49	MZ 1049	51	49	30	10	MZ 1549	76,5	73,5	50	14	MZ 2049	102	98	70	16
50	MZ 1050	52	50	30	12	MZ 1550	78,0	75,0	50	14	MZ 2050	104	100	70	16
51	MZ 1051	53	51	40	12	MZ 1551	79,5	76,5	60	15	MZ 2051	106	102	70	20
52	MZ 1052	54	52	40	12	MZ 1552	81,0	78,0	60	15	MZ 2052	108	104	70	20
53	MZ 1053	55	53	40	12	MZ 1553	82,5	79,5	60	15	MZ 2053	110	106	70	20
54	MZ 1054	56	54	40	12	MZ 1554	84,0	81,0	60	15	MZ 2054	112	108	70	20
55	MZ 1055	57	55	40	12	MZ 1555	85,5	82,5	60	15	MZ 2055	114	110	70	20
56	MZ 1056	58	56	40	12	MZ 1556	87,0	84,0	60	15	MZ 2056	116	112	70	20
57	MZ 1057	59	57	40	12	MZ 1557	88,5	85,5	60	15	MZ 2057	118	114	70	20
58	MZ 1058	60	58	40	12	MZ 1558	90,0	87,0	60	15	MZ 2058	120	116	70	20
59	MZ 1059	61	59	40	12	MZ 1559	91,5	88,5	60	15	MZ 2059	122	118	70	20
60	MZ 1060	62	60	40	12	MZ 1560	93,0	90,0	60	15	MZ 2060	124	120	70	20
61	MZ 1061	63	61	50	12	MZ 1561	94,5	91,5	70	20	MZ 2061	126	122	80	20
62	MZ 1062	64	62	50	12	MZ 1562	96,0	93,0	70	20	MZ 2062	128	124	80	20
63	MZ 1063	65	63	50	12	MZ 1563	97,5	94,5	70	20	MZ 2063	130	126	80	20
64	MZ 1064	66	64	50	12	MZ 1564	99,0	96,0	70	20	MZ 2064	132	128	80	20
65	MZ 1065	67	65	50	12	MZ 1565	100,5	97,5	70	20	MZ 2065	134	130	80	20
66	MZ 1066	68	66	50	12	MZ 1566	102,0	99,0	70	20	MZ 2066	136	132	80	20
67	MZ 1067	69	67	50	12	MZ 1567	103,5	100,5	70	20	MZ 2067	138	134	80	20
68	MZ 1068	70	68	50	12	MZ 1568	105,0	102,0	70	20	MZ 2068	140	136	80	20
69	MZ 1069	71	69	50	12	MZ 1569	106,5	103,5	70	20	MZ 2069	142	138	80	20
70	MZ 1070	72	70	50	12	MZ 1570	108,0	105,0	70	20	MZ 2070	144	140	80	20
72	MZ 1072	74	72	50	12	MZ 1572	111,0	144,0	80	20	MZ 2071	148	144	80	20
75	MZ 1075	77	75	50	12										
76	MZ 1076	78	76	50	12										
80	MZ 1080	82	80	50	12										
90	MZ 1090	92	90	50	12										
100	MZ 10100	102	100	60	12										

Z	Модуль 2,5					Модуль 3					Модуль 4				
	cod.	D_e	D_p	d	D	cod.	D_e	D_p	d	D	cod.	D_e	D_p	d	D
12	MZ 2512	35,0	30,0	22	10	MZ 3012	42	36	25	12	MZ 4012	56	48	35	14
13	MZ 2513	37,5	32,5	25	10	MZ 3013	45	39	25	12	MZ 4013	60	52	40	14
14	MZ 2514	40,0	35,0	28	10	MZ 3014	48	42	30	12	MZ 4014	64	56	45	14
15	MZ 2515	42,5	37,5	30	10	MZ 3015	51	45	35	12	MZ 4015	68	60	45	14
16	MZ 2516	45,0	40,0	32	12	MZ 3016	54	48	38	15	MZ 4016	72	64	50	15
17	MZ 2517	47,5	42,5	35	12	MZ 3017	57	51	42	15	MZ 4017	76	68	50	15
18	MZ 2518	50,0	45,0	35	12	MZ 3018	60	54	45	15	MZ 4018	80	72	50	15
19	MZ 2519	52,5	47,5	35	12	MZ 3019	63	57	45	15	MZ 4019	84	76	60	15
20	MZ 2520	55,0	50,0	40	14	MZ 3020	66	60	45	15	MZ 4020	88	80	60	15
21	MZ 2521	57,5	52,5	40	14	MZ 3021	69	63	45	15	MZ 4021	92	84	70	20
22	MZ 2522	60,0	55,0	45	14	MZ 3022	72	66	50	15	MZ 4022	96	88	70	20
23	MZ 2523	62,5	57,5	45	14	MZ 3023	75	69	50	15	MZ 4023	100	92	75	20
24	MZ 2524	65,0	60,0	45	14	MZ 3024	78	72	50	16	MZ 4024	104	96	75	20
25	MZ 2525	67,5	62,5	50	14	MZ 3025	81	75	60	16	MZ 4025	108	100	75	20
26	MZ 2526	70,0	65,0	50	14	MZ 3026	84	78	60	16	MZ 4026	112	104	75	20
27	MZ 2527	72,5	67,5	50	14	MZ 3027	87	81	60	16	MZ 4027	116	108	75	20
28	MZ 2528	75,0	70,0	50	14	MZ 3028	90	84	60	16	MZ 4028	120	112	75	20
29	MZ 2529	77,5	72,5	50	14	MZ 3029	93	87	60	16	MZ 4029	124	116	75	20
30	MZ 2530	80,0	75,0	55	16	MZ 3030	96	90	60	16	MZ 4030	128	120	75	20
31	MZ 2531	82,5	77,5	55	16	MZ 3031	99	93	70	20	MZ 4031	132	124	80	20
32	MZ 2532	85,0	80,0	55	16	MZ 3032	102	96	70	20	MZ 4032	136	128	80	20
33	MZ 2533	87,5	82,5	55	16	MZ 3033	105	99	70	20	MZ 4033	140	132	80	20
34	MZ 2534	90,0	85,0	55	16	MZ 3034	108	102	70	20	MZ 4034	144	136	80	20
35	MZ 2535	92,5	87,5	60	16	MZ 3035	111	105	70	20	MZ 4035	148	140	80	20
36	MZ 2536	95,0	90,0	60	16	MZ 3036	114	108	70	20	MZ 4036	152	144	80	20
37	MZ 2537	97,5	92,5	60	16	MZ 3037	117	111	80	20	MZ 4037	156	148	80	20
38	MZ 2538	100,0	95,0	60	16	MZ 3038	120	114	80	20	MZ 4038	160	152	80	25
39	MZ 2539	102,5	97,5	60	16	MZ 3039	123	117	80	20	MZ 4039	164	156	80	25
40	MZ 2540	105,0	100,0	70	20	MZ 3040	126	120	80	20	MZ 4040	168	160	80	25
41	MZ 2541	107,5	102,5	70	20	MZ 3041	129	123	90	20					
42	MZ 2542	110,0	105,0	70	20	MZ 3042	132	126	90	20					
43	MZ 2543	112,5	107,5	70	20	MZ 3043	135	129	90	20					
44	MZ 2544	115,0	110,0	70	20	MZ 3044	138	132	90	20					
45	MZ 2545	117,5	112,5	70	20	MZ 3045	141	135	90	20	MZ 4045	188	180	80	25
46	MZ 2546	120,0	115,0	70	20	MZ 3046	144	138	90	20					
47	MZ 2547	122,5	117,5	80	20	MZ 3047	147	141	90	20					
48	MZ 2548	125,0	120,0	80	20	MZ 3048	150	144	100	20	MZ 4048	200	192	80	25
49	MZ 2549	127,5	122,5	80	20	MZ 3049	153	147	100	20					
50	MZ 2550	130,0	125,0	80	20	MZ 3050	156	150	100	20	MZ 4050	208	200	80	25
51	MZ 2551	132,5	127,5	90	20										
52	MZ 2552	135,0	130,0	90	20										
53	MZ 2553	137,5	132,5	90	20										
54	MZ 2554	140,0	135,0	90	20	MZ 3054	168	162	100	20					
55	MZ 2555	142,5	137,5	90	20	MZ 3055	171	165	100	20					
56	MZ 2556	145,0	140,0	100	20	MZ 3056	174	168	100	20					
57	MZ 2557	147,5	142,5	100	20	MZ 3057	177	171	100	20					
58	MZ 2558	150,0	145,0	100	20										
59	MZ 2559	152,5	147,5	100	20										
60	MZ 2560	155,0	150,0	100	20	MZ 3060	186	180	100	20	MZ 4060	248	240	100	25
62	MZ 2562	160,0	155,0	100	20	MZ 3062	192	186	100	20					
63	MZ 2563	162,5	157,5	100	20										
65	MZ 2565	167,5	162,5	100	20	MZ 3065	201	195	100	20	MZ 4065	268	260	100	25
67	MZ 2567	172,5	167,5	100	20										
70	MZ 2570	180,0	175,0	100	20										

Z	Модуль 5					Модуль 6				
	Код	D_e	D_p	d	D	Код	D_e	D_p	d	D
12	MZ 5012	70	60	45	16	MZ 6012	84	72	54	20
13	MZ 5013	75	65	50	16					
14	MZ 5014	80	70	55	20	MZ 6014	96	84	65	20
15	MZ 5015	85	75	60	20	MZ 6015	102	90	70	20
16	MZ 5016	90	80	65	20	MZ 6016	108	96	75	20
17	MZ 5017	95	85	70	20					
18	MZ 5018	100	90	70	20	MZ 6018	120	108	80	20
19	MZ 5019	105	95	70	20					
20	MZ 5020	110	100	80	20	MZ 6020	132	120	90	20
21	MZ 5021	115	105	80	20					
22	MZ 5022	120	110	80	25					
23	MZ 5023	125	115	90	25	MZ 6023	150	138	110	25
24	MZ 5024	130	120	90	25	MZ 6024	156	144	110	25
25	MZ 5025	135	125	90	25	MZ 6025	162	150	110	25
26	MZ 5026	140	130	100	25					
27	MZ 5027	145	135	100	25					
28	MZ 5028	150	140	100	25					
29	MZ 5029	155	145	100	25					
30	MZ 5030	160	150	100	25	MZ 6030	192	180	110	25
32	MZ 5032	170	160	110	25					
36	MZ 5036	190	180	110	25					
38	MZ 5038	200	190	110	30					
40	MZ 5040	210	200	110	30	MZ 6040	252	240	120	25
42	MZ 5042	220	210	120	25					
55	MZ 5055	285	275	120	30					
60	MZ 5060	310	300	120	30					