

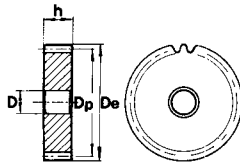
Pignoni a modulo / Spur gears with side hub / Zahnräder mit Nabe
Roues cylindriques avec moyeu lateral / Ruedas dentadas cilíndricas con cubo lateral



Z	Mod. 2,5					Mod. 3					Mod. 4				
	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D
12	PM 29012	35,0	30,0	22	10	PM 30012	42	36	25	12	PM 31012	56	48	35	14
13	PM 29013	37,5	32,5	25	10	PM 30013	45	39	25	12	PM 31013	60	52	40	14
14	PM 29014	40,0	35,0	28	10	PM 30014	48	42	30	12	PM 31014	64	56	45	14
15	PM 29015	42,5	37,5	30	10	PM 30015	51	45	35	12	PM 31015	68	60	45	14
16	PM 29016	45,0	40,0	32	12	PM 30016	54	48	38	15	PM 31016	72	64	50	15
17	PM 29017	47,5	42,5	35	12	PM 30017	57	51	42	15	PM 31017	76	68	50	15
18	PM 29018	50,0	45,0	35	12	PM 30018	60	54	45	15	PM 31018	80	72	50	15
19	PM 29019	52,5	47,5	35	12	PM 30019	63	57	45	15	PM 31019	84	76	60	15
20	PM 29020	55,0	50,0	40	14	PM 30020	66	60	45	15	PM 31020	88	80	60	15
21	PM 29021	57,5	52,5	40	14	PM 30021	69	63	45	15	PM 31021	92	84	70	20
22	PM 29022	60,0	55,0	45	14	PM 30022	72	66	50	15	PM 31022	96	88	70	20
23	PM 29023	62,5	57,5	45	14	PM 30023	75	69	50	15	PM 31023	100	92	75	20
24	PM 29024	65,0	60,0	45	14	PM 30024	78	72	50	16	PM 31024	104	96	75	20
25	PM 29025	67,5	62,5	50	14	PM 30025	81	75	60	16	PM 31025	108	100	75	20
26	PM 29026	70,0	65,0	50	14	PM 30026	84	78	60	16	PM 31026	112	104	75	20
27	PM 29027	72,5	67,5	50	14	PM 30027	87	81	60	16	PM 31027	116	108	75	20
28	PM 29028	75,0	70,0	50	14	PM 30028	90	84	60	16	PM 31028	120	112	75	20
29	PM 29029	77,5	72,5	50	14	PM 30029	93	87	60	16	PM 31029	124	116	75	20
30	PM 29030	80,0	75,0	55	16	PM 30030	96	90	60	16	PM 31030	128	120	75	20
31	PM 29031	82,5	77,5	55	16	PM 30031	99	93	70	20	PM 31031	132	124	80	20
32	PM 29032	85,0	80,0	55	16	PM 30032	102	96	70	20	PM 31032	136	128	80	20
33	PM 29033	87,5	82,5	55	16	PM 30033	105	99	70	20	PM 31033	140	132	80	20
34	PM 29034	90,0	85,0	55	16	PM 30034	108	102	70	20	PM 31034	144	136	80	20
35	PM 29035	92,5	87,5	60	16	PM 30035	111	105	70	20	PM 31035	148	140	80	20
36	PM 29036	95,0	90,0	60	16	PM 30036	114	108	70	20	PM 31036	152	144	80	20
37	PM 29037	97,5	92,5	60	16	PM 30037	117	111	80	20	PM 31037	156	148	80	20
38	PM 29038	100,0	95,0	60	16	PM 30038	120	114	80	20	PM 31038	160	152	80	25
39	PM 29039	102,5	97,5	60	16	PM 30039	123	117	80	20	PM 31039	164	156	80	25
40	PM 29040	105,0	100,0	70	20	PM 30040	126	120	80	20	PM 31040	168	160	80	25
41	PM 29041	107,5	102,5	70	20	PM 30041	129	123	90	20					
42	PM 29042	110,0	105,0	70	20	PM 30042	132	126	90	20					
43	PM 29043	112,5	107,5	70	20	PM 30043	135	129	90	20					
44	PM 29044	115,0	110,0	70	20	PM 30044	138	132	90	20					
45	PM 29045	117,5	112,5	70	20	PM 30045	141	135	90	20	PM 31045	188	180	80	25
46	PM 29046	120,0	115,0	70	20	PM 30046	144	138	90	20					
47	PM 29047	122,5	117,5	80	20	PM 30047	147	141	90	20					
48	PM 29048	125,0	120,0	80	20	PM 30048	150	144	100	20	PM 31048	200	192	80	25
49	PM 29049	127,5	122,5	80	20	PM 30049	153	147	100	20					
50	PM 29050	130,0	125,0	80	20	PM 30050	156	150	100	20	PM 31050	208	200	80	25
51	PM 29051	132,5	127,5	90	20										
52	PM 29052	135,0	130,0	90	20										
53	PM 29053	137,5	132,5	90	20										
54	PM 29054	140,0	135,0	90	20	PM 30054	168	162	100	20					
55	PM 29055	142,5	137,5	90	20	PM 30055	171	165	100	20					
56	PM 29056	145,0	140,0	100	20	PM 30056	174	168	100	20					
57	PM 29057	147,5	142,5	100	20	PM 30057	177	171	100	20					
58	PM 29058	150,0	145,0	100	20										
59	PM 29059	152,5	147,5	100	20										
60	PM 29060	155,0	150,0	100	20	PM 30060	186	180	100	20	PM 31060	248	240	100	25
62	PM 29062	160,0	155,0	100	20	PM 30062	192	186	100	20					
63	PM 29063	162,5	157,5	100	20										
65	PM 29065	167,5	162,5	100	20	PM 30065	201	195	100	20	PM 31065	268	260	100	25
67	PM 29067	172,5	167,5	100	20										
70	PM 29070	180,0	175,0	100	20										

Z	Mod. 5					Mod. 6				
	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D
12	PM 32012	70	60	45	16	PM 34012	84	72	54	20
13	PM 32013	75	65	50	16					
14	PM 32014	80	70	55	20	PM 34014	96	84	65	20
15	PM 32015	85	75	60	20	PM 34015	102	90	70	20
16	PM 32016	90	80	65	20	PM 34016	108	96	75	20
17	PM 32017	95	85	70	20					
18	PM 32018	100	90	70	20	PM 34018	120	108	80	20
19	PM 32019	105	95	70	20					
20	PM 32020	110	100	80	20	PM 34020	132	120	90	20
21	PM 32021	115	105	80	20					
22	PM 32022	120	110	80	25					
23	PM 32023	125	115	90	25	PM 34023	150	138	110	25
24	PM 32024	130	120	90	25	PM 34024	156	144	110	25
25	PM 32025	135	125	90	25	PM 34025	162	150	110	25
26	PM 32026	140	130	100	25					
27	PM 32027	145	135	100	25					
28	PM 32028	150	140	100	25					
29	PM 32029	155	145	100	25					
30	PM 32030	160	150	100	25	PM 34030	192	180	110	25
32	PM 32032	170	160	110	25					
36	PM 32036	190	180	110	25					
38	PM 32038	200	190	110	30					
40	PM 32040	210	200	110	30	PM 34040	252	240	120	25
42	PM 32042	220	210	120	25					
55	PM 32055	285	275	120	30					
60	PM 32060	310	300	120	30					

Corone a modulo / Spur gears without side hub
Zahnräder ohne Nabe / Roues cylindriques sans moyeu lateral
Ruedas dentadas cilindricas sin cubo lateral



Spessore dente "h" per modulo: **1** = 15 mm
 Tooth width "h" for module: **1,5** = 17 mm
 Zahnbreite "h" für Modul: **2** = 20 mm
 Largeur denture "h" pour forme: **2,5** = 25 mm
 Ancho dente "h" para modulo: **3** = 30 mm
 4 = 40 mm
 5 = 50 mm
 6 = 60 mm

Angolo di pressione 20°
Materiale C 45 E
UNI EN 10083-1

Pressure angle 20°
Material C 45 E
UNI EN 10083-1

Eingriffswinkel 20°
Werkstoff C 45 E
UNI EN 10083-1

Angle de pression 20°
Matière C 45 E
UNI EN 10083-1

Angulo de presion 20°
Material C 45 E
UNI EN 10083-1

Z	Mod. 1					Mod. 1,5					Mod. 2					Mod. 2,5				
	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D
60	CM 26060	62	60	-	12											CM 29065	167,5	162,5	-	20
65																CM 29070	180,0	175,0	-	20
70	CM 26070	72	70	-	12											CM 29072	185,0	180,0	-	20
72	CM 26072	74	72	-	12	CM 27072	111,0	108,0	-	20	CM 28072	148	144	-	20	CM 29075	192,5	187,5	-	20
75	CM 26075	77	75	-	12	CM 27075	115,5	112,5	-	20	CM 28075	154	150	-	20	CM 29076	195,0	190,0	-	20
76	CM 26076	78	76	-	12	CM 27076	117,0	114,0	-	20	CM 28076	156	152	-	20	CM 29080	205,0	200,0	-	25
80	CM 26080	82	80	-	12	CM 27080	123,0	120,0	-	20	CM 28080	164	160	-	20	CM 29085	217,5	212,5	-	25
85	CM 26085	87	85	-	12	CM 27085	130,5	127,5	-	20	CM 28085	174	170	-	20	CM 29090	230,0	225,0	-	25
90	CM 26090	92	90	-	12	CM 27090	138,0	135,0	-	20	CM 28090	184	180	-	20	CM 29095	242,5	237,5	-	25
95	CM 26095	97	95	-	12	CM 27095	145,5	142,5	-	20	CM 28095	194	190	-	20	CM 29100	255,0	250,0	-	25
100	CM 26100	102	100	-	12	CM 27100	153,0	150,0	-	20	CM 28100	204	200	-	20	CM 29110	280,0	275,0	-	25
110	CM 26110	112	110	-	12	CM 27110	168,0	165,0	-	20	CM 28110	224	220	-	20	CM 29114	290,0	285,0	-	25
114	CM 26114	116	114	-	12	CM 27114	174,0	171,0	-	20	CM 28114	232	228	-	20	CM 29120	305,0	300,0	-	25
120	CM 26120	122	120	-	12	CM 27120	183,0	180,0	-	20	CM 28120	244	240	-	20	CM 29127	322,5	317,5	-	25
127	CM 26127	129	127	-	12	CM 27127	193,5	190,5	-	20	CM 28127	258	254	-	20					

Z	Mod. 3					Mod. 4					Mod. 5					Mod. 6				
	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D	cod.	D _e	D _p	d	D
30																CM 34030	192	180	-	25
32											CM 32032	170	160	-	25	CM 34032	204	192	-	25
35											CM 32035	185	175	-	25					
38						CM 31038	160	152	-	25	CM 32038	200	190	-	30	CM 34038	240	220	-	25
40						CM 31040	168	160	-	25	CM 32040	210	200	-	30	CM 34040	252	240	-	25
45						CM 31045	188	180	-	25	CM 32045	235	225	-	30					
48	CM 30048	150	144	-	25	CM 31048	200	192	-	25	CM 32048	250	240	-	30					
50	CM 30050	156	150	-	25	CM 31050	208	200	-	25	CM 32050	260	250	-	30					
52	CM 30052	162	156	-	25	CM 31052	216	208	-	25	CM 32052	270	260	-	30					
55	CM 30055	171	165	-	25	CM 31055	228	220	-	25	CM 32055	285	275	-	30					
57	CM 30057	177	171	-	25	CM 31057	236	228	-	25	CM 32057	295	285	-	30					
60	CM 30060	186	180	-	25	CM 31060	248	240	-	25	CM 32060	310	300	-	30					
65	CM 30065	201	195	-	25	CM 31065	268	260	-	25	CM 32065	335	325	-	30					
70	CM 30070	216	210	-	25	CM 31070	288	280	-	25	CM 32070	360	350	-	30					
72	CM 30072	222	216	-	25															
75	CM 30075	231	225	-	25	CM 31075	308	300	-	25	CM 32075	385	375	-	30					
76	CM 30076	234	228	-	25	CM 31076	312	304	-	25	CM 32076	390	380	-	30					
80	CM 30080	246	240	-	25	CM 31080	328	320	-	25	CM 32080	410	400	-	30					
85	CM 30085	261	255	-	25	CM 31085	348	340	-	25	CM 32085	435	425	-	30					
90	CM 30090	276	270	-	25	CM 31090	368	360	-	25	CM 32090	460	450	-	30					
95	CM 30095	291	285	-	25	CM 31095	388	380	-	25	CM 32095	485	475	-	30					
100	CM 30100	306	300	-	25	CM 31100	408	400	-	25	CM 32100	510	500	-	30					
110	CM 30110	336	330	-	25	CM 31110	448	440	-	25	CM 32110	560	550	-	30					
114	CM 30114	348	342	-	30	CM 31114	464	456	-	25	CM 32114	580	570	-	30					
120	CM 30120	366	360	-	30															
127	CM 30127	387	381	-	30															