



ALEXANDRIS ENGINEERING LTD

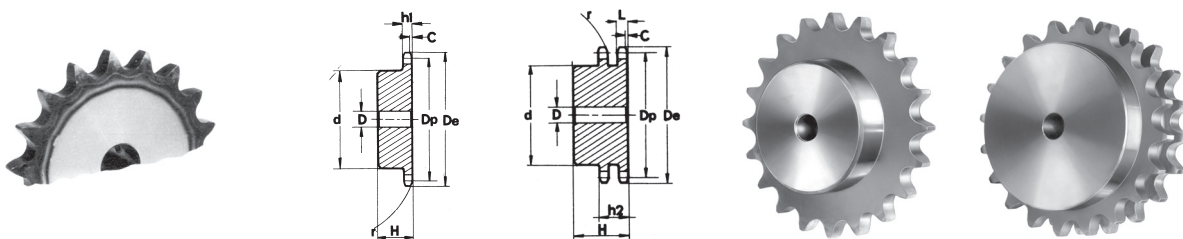
4004 Plovdiv, 28, Kuklensko Shosse str., T +359 32 587 390, F +359 32 587 387, E alexandris_plovdiv@alexandris.gr

1715 Sofia, Bulgaria, Mladost 4, 87, Alexandar Malinov blvd, T +359 2 975 73 05, F +359 2 975 73 06, E alexandris_sofia@alexandris.gr

Sprockets with hardened teeth (45 ÷ 55 HRC)

Material C45E UNI EN 10083-1

*With welded hub: material Fe



3/8" x 7/32"

06B - 1 - 2 9,525 x 5,72 mm

1/2" x 5/16"

08B - 1 - 2 12,7 x 7,75 mm

Z	D _e	D _p	Simplex				Duplex				Z	D _e	D _p	Simplex				Duplex			
			cod.	d	D	H	cod.	d	D	H				cod.	d	D	H	cod.	d	D	H
8	28,0	24,89		15	8	22		15	6	22	8	37,2	33,18		20	10	25		20	10	32
9	31,0	27,85		18	8	22		18	8	22	9	41,0	37,13		24	10	25		24	10	32
10	34,0	30,82		20	8	22		20	8	22	10	45,2	41,10		26	10	25		28	10	32
11	37,0	33,80		22	8	25		22	10	25	11	48,7	45,07		29	10	25		32	12	35
12	40,0	36,80		25	8	25		25	10	25	12	53,0	49,07		33	10	28		35	12	35
13	43,0	39,80		28	10	25		28	10	25	13	57,4	53,06		37	10	28		38	12	35
14	46,3	42,80		31	10	25		31	10	25	14	61,8	57,07		41	10	28		42	12	35
15	49,5	45,81		34	10	25		34	10	25	15	65,5	61,09		45	10	28		46	12	35
16	52,3	48,82		37	10	28		37	12	30	16	69,5	65,10		50	12	28		50	14	35
17	55,3	51,83		40	10	28		40	12	30	17	73,6	69,11		52	12	28		54	14	35
18	58,3	54,85		43	10	28		43	12	30	18	77,8	73,14		56	12	28		58	14	35
19	61,3	57,87		45	10	28		46	12	30	19	81,7	77,16		60	12	28		62	14	35
20	64,3	60,89		46	10	28		49	12	30	20	85,8	81,19		64	12	28		66	14	35
21	68,0	63,91		48	12	28		52	12	30	21	89,7	85,22		68	12	28		70	16	40
22	71,0	66,93		50	12	28		55	12	30	22	93,8	89,24		70	12	28		70	16	40
23	73,5	69,95		52	12	28		58	12	30	23	98,2	93,27		70	14	28		70	16	40
24	77,0	72,97		54	12	28		61	12	30	24	101,8	97,29		70	14	28		75	16	40
25	80,0	76,00		57	12	28		64	12	30	25	105,8	101,33		70	14	28		80	16	40
26	83,0	79,02		60	12	28		67	12	30	26	110,0	105,36		70	16	30		85	20	40
27	86,0	82,04		60	12	28		70	12	30	27	114,0	109,40		70	16	30		85	20	40
28	89,0	85,07		60	12	28		73	12	30	28	118,0	113,42		70	16	30		90	20	40
30	94,7	91,12		60	12	30		79	12	30	30	126,1	121,50		80	16	30				
32	101,3	97,17		65	14	30		80	16	30	32	134,3	129,56		90	16	30				
34	107,3	103,23		65	14	30		80	16	30	34	142,6	137,64		90	16	30				
35	110,4	106,26		65	14	30		80	16	30	35	146,7	141,68		90	16	30				
36	113,4	109,29		70	16	30		90	16	30	36	151,0	145,72		90	16	35				
38	119,5	115,34		70	16	30		90	16	30	38	158,6	153,80		90	16	35				
40	125,5	121,40		70	16	30		90	16	30	40	166,8	161,87		90	16	35				

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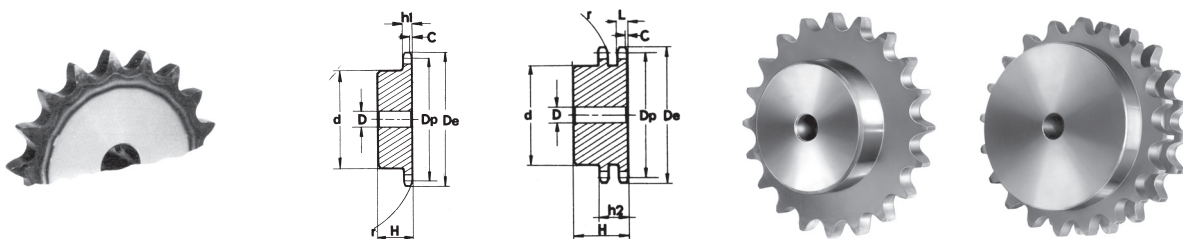
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Sprockets with hardened teeth (45 ÷ 55 HRC)

Material C45E UNI EN 10083-1

*With welded hub: material Fe



5/8" x 3/8" 10B - 1 - 2 15,875 x 9,65 mm 3/4" x 7/16" 12B - 1 - 2 19,05 x 11,68 mm

Z	D _e	D _p	Simplex				Duplex				Z	D _e	D _p	Simplex				Duplex			
			cod.	d	D	H	cod.	d	D	H				cod.	d	D	H	cod.	d	D	H
8	47,0	41,48		25	10	25		25	12	40	8	57,6	49,78		31	12	30		31	12	45
9	52,6	46,42		30	10	25		30	12	40	9	62,0	55,70		37	12	30		37	12	45
10	57,5	51,37		35	10	25		35	12	40	10	69,0	61,64		42	12	30		42	12	45
11	63,0	56,34		37	12	30		39	14	40	11	75,0	67,61		46	14	35		47	16	50
12	68,0	61,34		42	12	30		44	14	40	12	81,5	73,60		52	14	35		53	16	50
13	73,0	66,32		47	12	30		49	14	40	13	87,5	79,59		58	14	35		59	16	50
14	78,0	71,34		52	12	30		54	14	40	14	93,6	85,61		64	14	35		65	16	50
15	83,0	76,36		57	12	30		59	14	40	15	99,8	91,63		70	14	35		71	16	50
16	88,0	81,37		60	12	30		64	16	45	16	105,5	97,65		75	16	35		77	20	50
17	93,0	86,39		60	12	30		69	16	45	17	111,5	103,67		80	16	35		83	20	50
18	98,0	91,42		70	14	30		74	16	45	18	118,0	109,71		80	16	35		89	20	50
19	103,3	96,45		70	14	30		79	16	45	19	124,2	115,75		80	16	35		95	20	50
20	108,4	101,49		75	14	30		84	16	45	20	129,7	121,78		80	16	35		100	20	50
21	113,4	106,52		75	16	30		85	16	45	21	136,0	127,82		90	20	40		100	20	50
22	118,0	111,55		80	16	30		90	16	45	22	141,8	133,86		90	20	40		100	20	50
23	123,4	116,58		80	16	30		95	16	45	23	149,0	139,90		90	20	40		100	20	50
24	128,3	121,62		80	16	30					24	153,9	145,94		90	20	40		100	20	50
25	134,0	126,66		80	16	30					25	160,0	152,00		90	20	40		120	20	50
26	139,0	131,70		85	20	35					26	165,9	158,04		95	20	40		120	20	50
27	144,0	136,75		85	20	35					27	172,3	164,09		95	20	40		120	20	50
28	148,7	141,78		90	20	35					28	178,0	170,13		95	20	40		120	20	50
30	158,8	151,87		90	20	35					30	190,5	182,25		95	20	40		120	20	50
32	168,9	161,95		95	20	35					32	203,3	194,35		100	20	40		130	20	50
34	179,0	172,05		95	20	35					34	214,6	206,46		100	20	40		130	20	50
35	184,1	177,10		95	20	35					35	221,0	212,52		100	20	40		130	20	50
36	189,1	182,15		100	20	35					36	226,8	218,58		100	20	40		130	25	50
38	199,2	192,24		100	20	35					38	239,0	230,69		100	20	40		130	25	50
40	209,3	202,34		100	20	40					40	251,3	242,81		100	20	40		130	25	50



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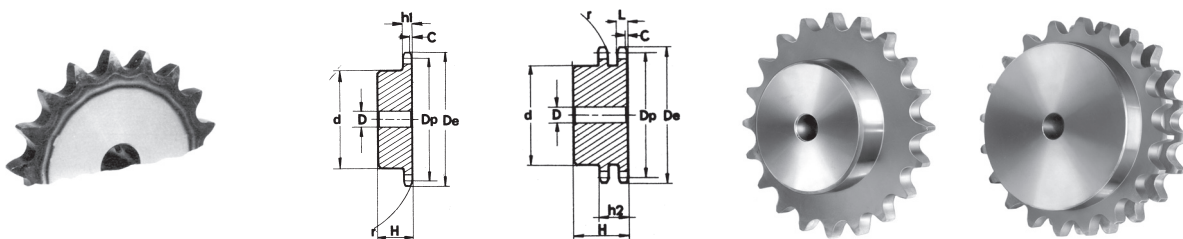
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1" x 17,02 mm 16B - 1 - 2 25,4 x 17,02 mm 1" 1/4 x 3/4" 20B - 1 - 2 31,75 x 19,56 mm

Z	D _e	D _p	Simplex			Duplex			Z	D _e	D _p	Simplex			Duplex			
			cod.	d	D	H	cod.	d				D	H	cod.	d	D	H	
8	77,0	66,37		42	16	35		42	16	65		53	20	40		53	20	75
9	85,0	74,27		50	16	35		50	16	65		63	20	40		63	20	75
10	93,0	82,19		55	16	35		56	16	65		70	20	40		70	20	75
11	99,5	90,14		61	16	40		64	20	70		77	20	45		80	20	80
12	109,0	98,14		69	16	40		72	20	70		88	20	45		90	20	80
13	117,0	106,12		78	16	40		80	20	70		98	20	45		100	20	80
14	125,0	114,15		84	16	40		88	20	70		108	20	45		110	20	80
15	133,0	122,17		92	16	40		96	20	70		118	20	45		120	20	80
16	141,0	130,20		100	20	45		104	20	70		120	25	50		120	25	80
17	149,0	138,22		100	20	45		112	20	70		120	25	50		120	25	80
18	157,0	146,28		100	20	45		120	20	70		120	25	50		120*	25	80
19	165,2	154,33		100	20	45		128	20	70		120	25	50		120*	25	80
20	173,2	162,38		100	20	45		130	20	70		120	25	50		120*	25	80
21	181,2	170,43		110	20	50		130	25	70		140	25	55		140*	25	80
22	189,3	178,48		110	20	50		130*	25	70		140	25	55		140*	25	80
23	197,5	186,53		110	20	50		130*	25	70		140	25	55		140*	25	80
24	205,5	194,59		110	20	50		130*	25	70		140	25	55		140*	25	80
25	213,5	202,66		110	20	50		130*	25	70		140	25	55		140*	25	80
26	221,6	210,72		120	20	50		130*	25	70		150*	25	55		150*	25	80
27	229,6	218,79		120	20	50		130*	25	70		150*	25	55		150*	25	80
28	237,7	226,85		120	20	50		130*	25	70		150*	25	55		150*	25	80
30	254,0	243,00		120	20	50		130*	25	70		150*	25	55		150*	25	80
32	270,0	259,13		120*	25	50		140*	25	70		150*	25	55		150*	25	80
34	287,0	275,28		120*	25	50		140*	25	70		150*	25	55		150*	25	80
35	296,2	283,36		120*	25	50		140*	25	70		150*	25	55		150*	25	80
36	304,6	291,44		120*	25	50		140*	25	70		150*	25	55		150*	30	80
38	320,7	307,59		120*	25	50		140*	25	70		150*	25	55		150*	30	80
40	336,9	323,73		120*	25	50		140*	25	70		150*	25	55		150*	30	80