



HTD® TIMING PULLEYS with PILOT BORE

CHIARAVALLI GROUP S.p.A. manufactures the **HTD®** pulleys in the following pitches: 3mm., 5mm., 8mm. and 14mm. and in the following versions:

- a) **HTD®** Pilot Bore pulleys
- b) **HTD®** with **Taper-Lock®** taper bush

BELT IDENTIFICATION:

34 - 8M - 50 ———— | 34 N° teeth
 | 8M pitch in mm
 | 50 belt width

TL 30 - 14M - 55 ———— | TL Taper Lock
 | 30 N° teeth
 | 14M pitch in mm
 | 50 belt width

PULLEY BALANCING VALUES

The **HTD®** pulleys manufactured by our company are not balanced. Balancing is performed at cost, only on request. We are able to balance pulleys up to a maximum diameter of 560 mm. and issue the relative certificate.

CHARACTERISTICS OF THE ...GOLE

DIAMETERS PULLEY	WIDTH SURFACE	MAXIMUM UNBALANCE IN GRAMS
from 199 - 301	60	6
from 302 - 599	60	10
from 199 - 301	from 60 - 90	10
from 302 - 599		15
from 600 - 999		20
greater than 1000		30
from 199 - 301	from 100 - 199	20
from 302 - 599		30
from 600 - 999		40
greater than 1000		60

CONSTRUCTION TOLERANCE VALUES

De pulley

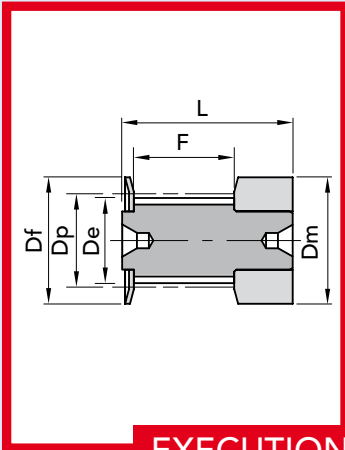
Tolerance in mm

from Ø	0 to Ø 30	- 0	+ 0.05
from Ø	31 to Ø 50	- 0	+ 0.08
from Ø	51 to Ø 100	- 0	+ 0.10
from Ø	101 to Ø 179	- 0	+ 0.13
from Ø	180 to a Ø 300	- 0	+ 0.15
from Ø	301 to Ø 500	- 0	+ 0.18
from Ø	greater than Ø 510	- 0	+ 0.20

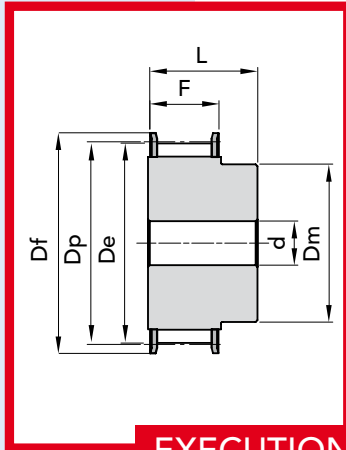
ECCENTRICITY

The bore and outer diameter must be concentric in compliance with the tolerance values indicated below

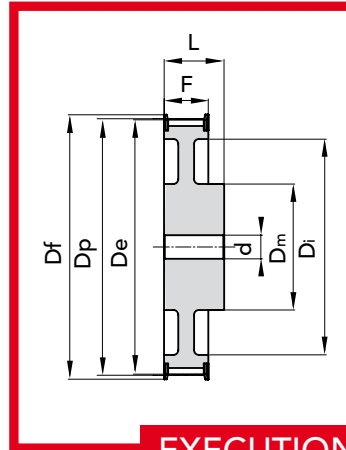
external Ø	Total eccentricity (mm)
mm	Total measurement of the comparison
up to 199	0.10
greater than 200	0.0005 for mm Ø
	This value cannot exceed the tolerance for the external Ø.



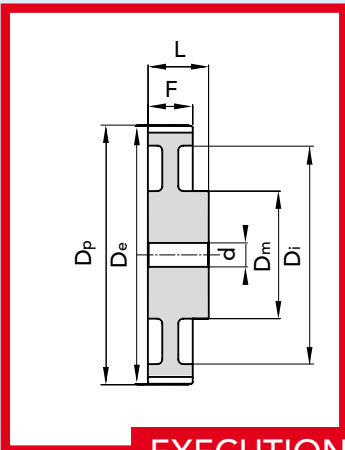
EXECUTION 0F



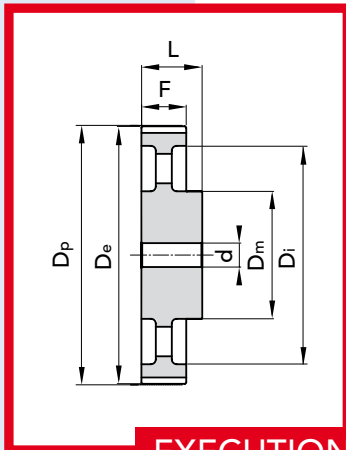
EXECUTION 1F



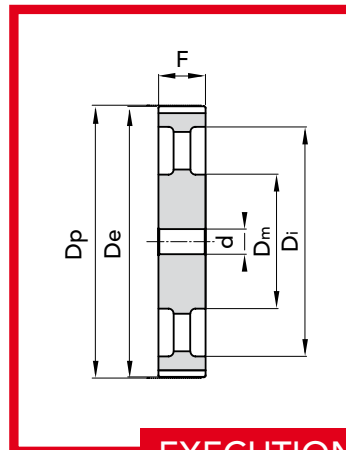
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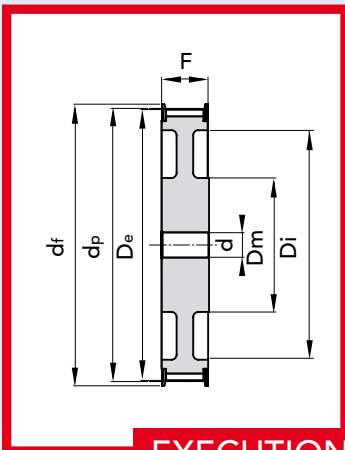
EXECUTION 3



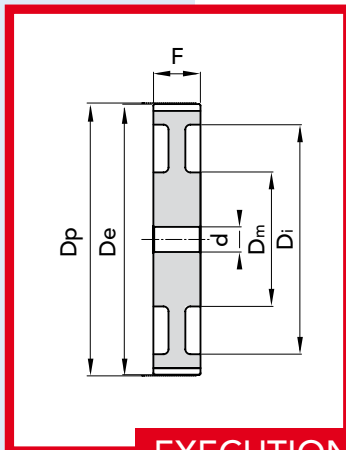
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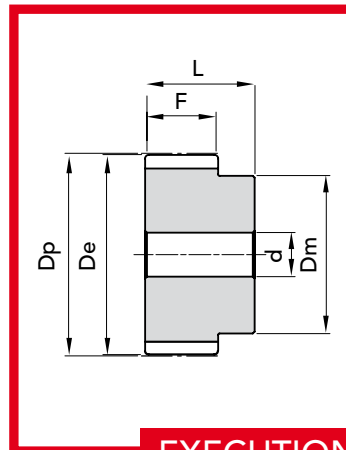
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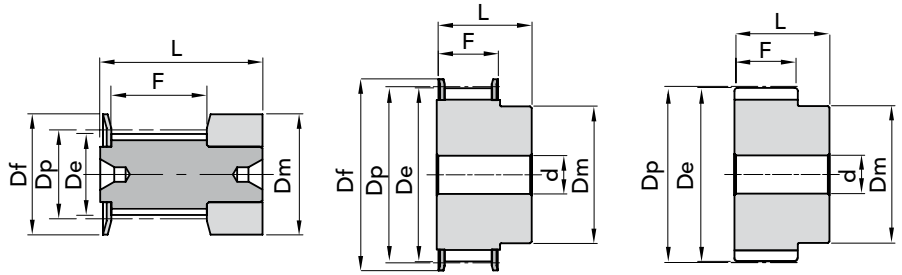
EXECUTION 6F



EXECUTION 7



EXECUTION 8


 TYPE **3M 09**


EXEC. 0F

EXEC. 1F

EXEC. 8

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
10- 3M- 09F	40109010	10	0F	9,55	8,79	13	13	10,2	17,5	-	501	0,01
12- 3M- 09F	40109012	12	0F	11,46	10,70	15	15	10,2	17,5	-	502	0,01
14- 3M- 09F	40109014	14	0F	13,37	12,61	16	16	10,2	17,5	-	503	0,01
15- 3M- 09F	40109015	15	0F	14,32	13,56	17,5	17,5	10,2	17,5	-	516	0,01
16- 3M- 09F	40109016	16	1F	15,28	14,52	17,5	10	12,8	20,6	4	504	0,01
18- 3M- 09F	40109018	18	1F	17,19	16,43	20	11	12,8	20,6	6	505	0,01
20- 3M- 09F	40109020	20	1F	19,10	18,34	23	13	12,8	20,6	6	517	0,01
21- 3M- 09F	40109021	21	1F	20,05	19,29	25	13	12,8	20,6	6	518	0,01
22- 3M- 09F	40109022	22	1F	21,01	20,25	25	13	12,8	20,6	6	518	0,01
24- 3M- 09F	40109024	24	1F	22,92	22,16	25	13	12,8	20,6	6	518	0,02
26- 3M- 09F	40109026	26	1F	24,83	24,07	28	16	12,8	20,6	6	508	0,02
28- 3M- 09F	40109028	28	1F	26,74	25,98	32	18	12,8	20,6	6	509	0,02
30- 3M- 09F	40109030	30	1F	28,65	27,89	32	20	12,8	20,6	6	509	0,30
32- 3M- 09F	40109032	32	1F	30,56	29,80	36	22	12,8	20,6	6	510	0,30
36- 3M- 09F	40109036	36	1F	34,38	33,62	39	26	13,4	22,2	6	519	0,05
40- 3M- 09F	40109040	40	1F	38,20	37,44	42	28	13,4	22,2	6	513	0,06
44- 3M- 09F	40109044	44	1F	42,02	41,26	48	33	13,4	22,2	6	520	0,07
48- 3M- 09	40109048	48	8	45,84	45,08	-	33	13,4	22,2	8	-	0,11
60- 3M- 09	40109060	60	8	57,30	56,54	-	33	13,4	22,2	8	-	0,11
72- 3M- 09	40109072	72	8	68,75	67,99	-	33	13,4	22,2	8	-	0,15

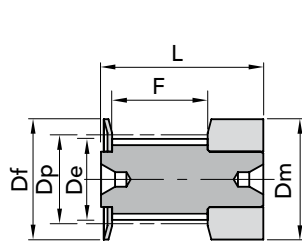
 MATERIAL **ALUMINIUM**

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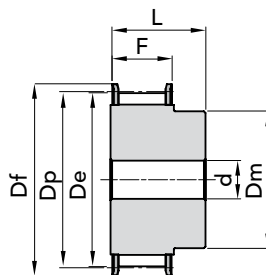
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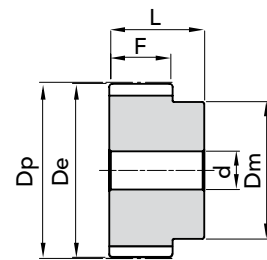

TYPE 3M 15



EXEC. 0F



EXEC. 1F



EXEC. 8

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
10- 3M- 15F	40115010	10	0F	9,55	8,79	13	13	17	26	-	501	0,01
12- 3M- 15F	40115012	12	0F	11,46	10,70	15	15	17	26	-	502	0,01
14- 3M- 15F	40115014	14	0F	13,37	12,61	16	16	17	26	-	503	0,01
15- 3M- 15F	40115015	15	0F	14,32	13,56	17,5	17,5	17	26	-	516	0,01
16- 3M- 15F	40115016	16	1F	15,28	14,52	17,5	10	19,5	26	4	504	0,01
18- 3M- 15F	40115018	18	1F	17,19	16,43	20	11	19,5	26	6	505	0,01
20- 3M- 15F	40115020	20	1F	19,10	18,34	23	13	19,5	26	6	517	0,01
21- 3M- 15F	40115021	21	1F	20,05	19,29	25	13	19,5	26	6	518	0,02
22- 3M- 15F	40115022	22	1F	21,01	20,25	25	13	19,5	26	6	518	0,02
24- 3M- 15F	40115024	24	1F	22,92	22,16	25	13	19,5	26	6	518	0,02
26- 3M- 15F	40115026	26	1F	24,83	24,07	28	16	19,5	26	6	508	0,03
28- 3M- 15F	40115028	28	1F	26,74	25,98	32	18	19,5	26	6	509	0,03
30- 3M- 15F	40115030	30	1F	28,65	27,89	32	20	19,5	26	6	509	0,04
32- 3M- 15F	40115032	32	1F	30,56	29,80	36	22	19,5	26	6	510	0,04
36- 3M- 15F	40115036	36	1F	34,38	33,62	39	26	20	30	6	519	0,06
40- 3M- 15F	40115040	40	1F	38,20	37,44	42	28	20	30	6	513	0,08
44-3M- 15	40115044	44	1F	42,02	41,26	48	33	20	30	6	520	0,10
48- 3M- 15	40115048	48	8	45,84	45,08	-	33	20	30	8	-	0,10
60- 3M- 15	40115060	60	8	57,30	56,54	-	33	20	30	8	-	0,15
72- 3M- 15	40115072	72	8	68,75	67,99	-	33	20	30	8	-	0,21

MATERIAL **ALUMINIUM**

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Quantity, availability and prices
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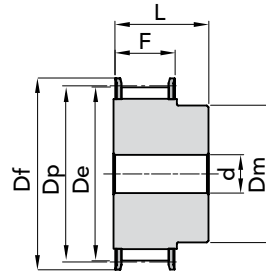
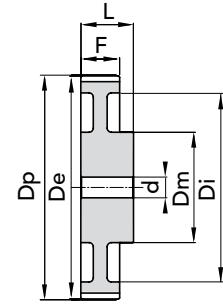


The images do not identify the products.


PHOSPHATED

 TYPE **5M 09**

Aluminium pulleys are not phosphated.


EXEC. 1F

EXEC. 3

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
12- 5M- 09F	40209012	12	1F	19,10	17,96	23	12	-	14,5	20	4	14	0,03
14- 5M- 09F	40209014	14	1F	22,28	21,14	25	13	-	14,5	20	6	2	0,04
15- 5M- 09F	40209015	15	1F	23,37	22,73	28	16	-	14,5	20	6	4	0,05
16- 5M- 09F	40209016	16	1F	25,46	24,32	28	16,5	-	14,5	20	6	4	0,06
18- 5M- 09F	40209018	18	1F	28,65	27,51	32	20	-	14,5	20	6	6	0,07
20- 5M- 09F	40209020	20	1F	31,83	30,69	36	23	-	14,5	22,5	6	8	0,10
21- 5M- 09F	40209021	21	1F	33,42	32,28	38	24	-	14,5	22,5	6	9	0,12
22- 5M- 09F	40209022	22	1F	35,01	33,87	39	25,5	-	14,5	22,5	6	15	0,13
24- 5M- 09F	40209024	24	1F	38,20	37,06	42	27	-	14,5	22,5	6	13	0,15
26- 5M- 09F	40209026	26	1F	41,38	40,24	44	30	-	14,5	22,5	6	12	0,18
28- 5M- 09F	40209028	28	1F	44,56	43,42	48	30,5	-	14,5	22,5	6	11	0,21
30- 5M- 09F	40209030	30	1F	47,75	46,60	51	35	-	14,5	22,5	6	16	0,25
32- 5M- 09F	40209032	32	1F	50,93	49,79	54	38	-	14,5	22,5	8	18	0,28
36- 5M- 09F	40209036	36	1F	57,30	56,16	60	38	-	14,5	22,5	8	21	0,33
40- 5M- 09F	40209040	40	1F	63,66	62,52	71	38	-	14,5	22,5	8	25	0,42
44- 5M- 09	40209044	44	3	70,03	68,89	-	38	54	14,5	25,5	8	-	0,17
48- 5M- 09	40209048	48	3	76,39	75,25	-	45	61	14,5	25,5	8	-	0,18
60- 5M- 09	40209060	60	3	95,49	94,35	-	45	80	14,5	25,5	8	-	0,23
72- 5M- 09	40209072	72	3	114,59	113,45	-	45	100	14,5	25,5	8	-	0,42

 MATERIAL **STEEL**

 MATERIAL **ALUMINIUM**

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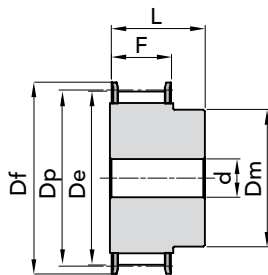
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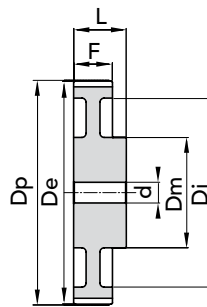

PHOSPHATED

TYPE 5M 15

Aluminium pulleys are not phosphated.



EXEC. 1F



EXEC. 3

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
12- 5M- 15F	40215012	12	1F	19,10	17,96	23	12	-	20,5	26	-	14	0,03
14- 5M- 15F	40215014	14	1F	22,28	21,14	25	13	-	20,5	26	6	2	0,04
15- 5M- 15F	40215015	15	1F	23,37	22,73	28	16	-	20,5	26	6	4	0,05
16- 5M- 15F	40215016	16	1F	25,46	24,32	28	16,5	-	20,5	26	6	4	0,06
18- 5M- 15F	40215018	18	1F	28,65	27,51	32	20	-	20,5	26	6	6	0,09
20- 5M- 15F	40215020	20	1F	31,83	30,69	36	23	-	20,5	26	6	8	0,12
21- 5M- 15F	40215021	21	1F	33,42	32,28	38	24	-	20,5	26	6	9	0,14
22- 5M- 15F	40215022	22	1F	35,01	33,87	39	25,5	-	20,5	26	6	15	0,15
24- 5M- 15F	40215024	24	1F	38,20	37,06	42	27	-	20,5	28	6	13	0,19
26- 5M- 15F	40215026	26	1F	41,38	40,24	44	30	-	20,5	28	6	12	0,23
28- 5M- 15F	40215028	28	1F	44,56	43,42	48	30,5	-	20,5	28	6	11	0,26
30- 5M- 15F	40215030	30	1F	47,75	46,60	51	35	-	20,5	28	6	16	0,32
32- 5M- 15F	40215032	32	1F	50,93	49,79	54	38	-	20,5	28	8	18	0,35
36- 5M- 15F	40215036	36	1F	57,30	56,16	60	38	-	20,5	28	8	21	0,43
40- 5M- 15F	40215040	40	1F	63,66	62,52	71	38	-	20,5	28	8	25	0,52
44- 5M- 15	40215044	44	3	70,03	68,89	-	38	54	20,5	30	8	-	0,23
48- 5M- 15	40215048	48	3	76,39	75,25	-	38	61	20,5	30	8	-	0,29
60- 5M- 15	40215060	60	3	95,49	94,35	-	50	80	20,5	30	8	-	0,30
72- 5M- 15	40215072	72	3	114,59	113,45	-	50	100	20,5	30	8	-	0,59

MATERIAL **STEEL**

MATERIAL **ALUMINIUM**

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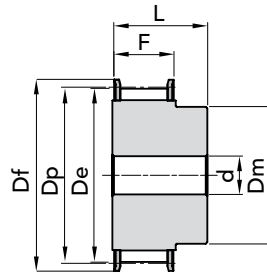
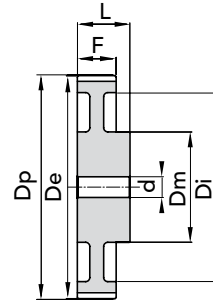
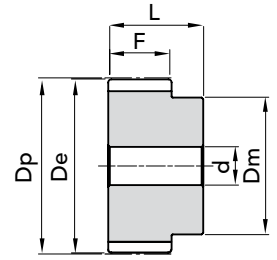
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HTD® TIMING PULLEYS with PILOT BORE "PHOSPHATED" 5M 15


PHOSPHATED

 TYPE **5M 25**

Aluminium pulleys are not phosphated.


EXEC. 1F

EXEC. 3

EXEC. 8

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
12- 5M- 25F	40225012	12	1F	19,10	17,96	23	12	-	30,5	36	-	14	0,05
14- 5M- 25F	40225014	14	1F	22,28	21,14	25	13	-	30,5	36	6	2	0,08
15- 5M- 25F	40225015	15	1F	23,87	22,73	28	16	-	30,5	36	6	4	0,09
16- 5M- 25F	40225016	16	1F	25,46	24,32	28	16,5	-	30,5	36	6	4	0,11
18- 5M- 25F	40225018	18	1F	28,65	27,51	32	20	-	30,5	36	6	6	0,13
20- 5M- 25F	40225020	20	1F	31,83	30,69	36	23	-	30,5	36	6	8	0,17
21- 5M- 25F	40225021	21	1F	33,42	32,28	38	24	-	30,5	38	6	9	0,20
22- 5M- 25F	40225022	22	1F	35,01	33,87	39	25,5	-	30,5	38	6	15	0,22
24- 5M- 25F	40225024	24	1F	38,20	37,06	42	27	-	30,5	38	6	13	0,26
26- 5M- 25F	40225026	26	1F	41,38	40,24	44	30	-	30,5	38	6	12	0,32
28- 5M- 25F	40225028	28	1F	44,56	43,42	48	30,5	-	30,5	38	6	11	0,37
30- 5M- 25F	40225030	30	1F	47,75	46,60	51	35	-	30,5	38	6	16	0,42
32- 5M- 25F	40225032	32	1F	50,93	49,79	54	38	-	30,5	38	8	18	0,48
36- 5M- 25F	40225036	36	1F	57,30	56,16	60	38	-	30,5	38	8	21	0,59
40- 5M- 25F	40225040	40	1F	63,66	62,52	71	38	-	30,5	38	8	25	0,75
44- 5M- 25	40225044	44	8	70,03	68,89	-	38	-	30,5	40	8	-	0,32
48- 5M- 25	40225048	48	3	76,39	75,25	-	38	61	30,5	40	8	-	0,28
60- 5M- 25	40225060	60	3	95,49	94,35	-	50	80	30,5	40	8	-	0,44
72- 5M- 25	40225072	72	3	114,59	113,45	-	50	100	30,5	40	8	-	0,85

 MATERIAL **STEEL**

 MATERIAL **ALUMINIUM**

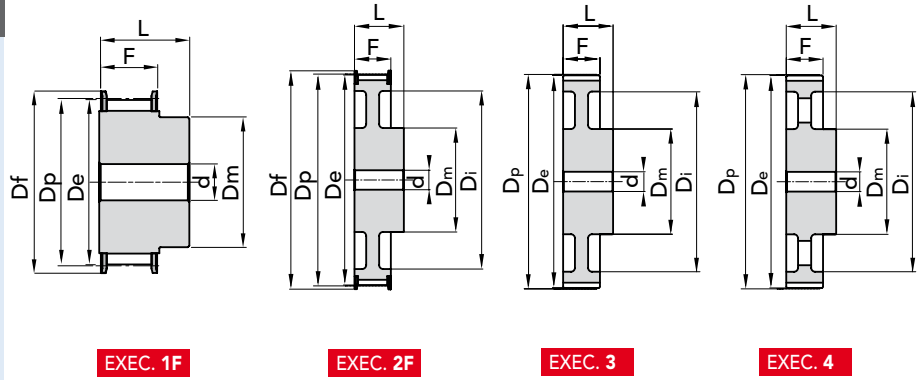
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PHOSPHATED

TYPE **8M 20**



EXEC. 1F

EXEC. 2F

EXEC. 3

EXEC. 4

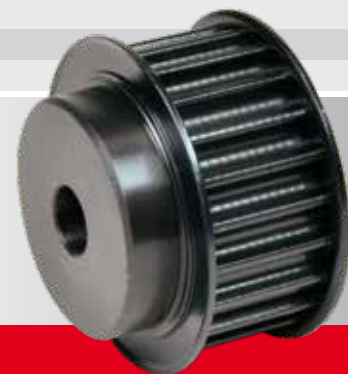
TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
22- 8M- 20F	40420022	22	1F	56,02	54,65	60	43	-	28	38	12	53	0,54
24- 8M- 20F	40420024	24	1F	61,12	59,75	66	45	-	28	38	12	69	0,65
26- 8M- 20F	40420026	26	1F	66,21	64,85	70	48	-	28	38	12	61	0,80
28- 8M- 20F	40420028	28	1F	71,30	70,08	75	50	-	28	38	15	79	0,88
30- 8M- 20F	40420030	30	1F	76,39	75,13	82,5	55	-	28	38	15	64	1,00
32- 8M- 20F	40420032	32	1F	81,49	80,16	87	60	-	28	38	15	76	1,20
34- 8M- 20F	40420034	34	1F	86,58	85,22	91	66	-	28	38	15	66	1,40
36- 8M- 20F	40420036	36	1F	91,67	90,30	97	70	-	28	38	15	68	1,60
38- 8M- 20F	40420038	38	1F	96,77	95,39	102	75	-	28	38	15	70	1,70
40- 8M- 20F	40420040	40	1F	101,86	100,49	106	75	-	28	38	15	77	1,85
44- 8M- 20F	40420044	44	1F	112,05	110,67	120	75	-	28	38	15	75	2,10
48- 8M- 20F	40420048	48	1F	122,23	120,86	128	75	-	28	38	15	78	2,50
56- 8M- 20F	40420056	56	2F	142,60	141,23	150	80	116	28	38	15	85	2,82
64- 8M- 20F	40420064	64	2F	162,97	161,60	168	80	137	28	38	15	90	3,22
72- 8M- 20F	40420072	72	2F	183,35	181,97	192	80	158	28	38	15	97	3,74
80- 8M- 20	40420080	80	3	203,72	202,35	-	90	180	28	38	15	-	3,78
90- 8M- 20	40420090	90	3	229,18	227,81	-	90	204	28	38	15	-	4,57
112- 8M- 20	on demand	112	4	285,21	283,83	-	90	254	28	38	18	-	-
144- 8M- 20	40420144	144	4	366,69	365,32	-	90	336	28	38	20	-	5,20
168- 8M- 20	on demand	168	4	427,81	426,44	-	100	400	28	38	20	-	-
192- 8M- 21	on demand	192	4	488,92	487,55	-	100	460	28	38	20	-	-

MATERIAL **STEEL**

MATERIAL **CAST-IRON**

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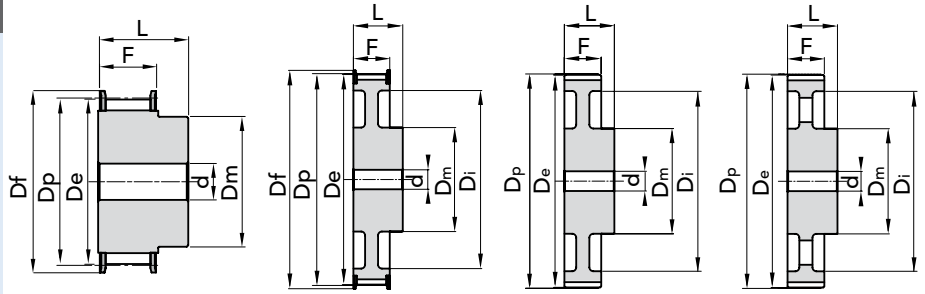


The images do not identify the products.

HTD® TIMING PULLEYS with PILOT BORE "PHOSPHATED" 8M 20



PHOSPHATED

TYPE **8M 30**

EXEC. 1F

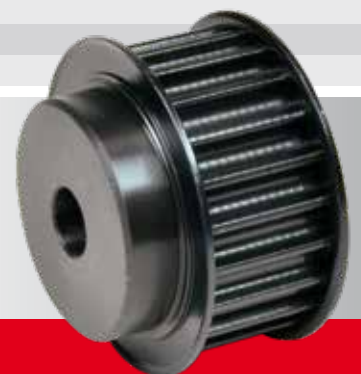
EXEC. 2F

EXEC. 3

EXEC. 4

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
22- 8M- 30F	40430022	22	1F	56,02	54,65	60	43	-	38	48	12	53	0,75
24- 8M- 30F	40430024	24	1F	61,12	59,75	66	45	-	38	48	12	69	0,90
26- 8M- 30F	40430026	26	1F	66,21	64,85	70	48	-	38	48	12	61	1,10
28- 8M- 30F	40430028	28	1F	71,30	70,08	75	50	-	38	48	15	79	1,20
30- 8M- 30F	40430030	30	1F	76,39	75,13	82,5	55	-	38	48	15	73	1,32
32- 8M- 30F	40430032	32	1F	81,49	80,16	87	60	-	38	48	15	76	1,55
34- 8M- 30F	40430034	34	1F	86,58	85,22	91	66	-	38	48	15	66	1,80
36- 8M- 30F	40430036	36	1F	91,67	90,30	97	70	-	38	48	15	68	2,10
38- 8M- 30F	40430038	38	1F	96,77	95,39	102	75	-	38	48	15	70	2,30
40- 8M- 30F	40430040	40	1F	101,86	100,49	106	75	-	38	48	15	77	2,47
44- 8M- 30F	40430044	44	1F	112,05	110,67	120	75	-	38	48	15	75	2,95
48- 8M- 30F	40430048	48	1F	122,23	120,86	128	75	-	38	48	15	78	3,30
56- 8M- 30F	40430056	56	2F	142,60	141,23	150	90	116	38	48	15	85	4,02
64- 8M- 30F	40430064	64	2F	162,97	161,60	168	90	137	38	48	15	90	4,60
72- 8M- 30F	40430072	72	2F	183,35	181,97	192	95	158	38	48	15	97	5,41
80- 8M- 30	40430080	80	3	203,72	202,35	-	100	180	38	48	15	-	5,23
90- 8M- 30	40430090	90	3	229,18	227,81	-	100	204	38	48	15	-	6,42
112- 8M- 30	40430112	112	4	285,21	283,83	-	100	254	38	48	18	-	8,12
144- 8M- 30	40430144	144	4	366,69	365,32	-	100	336	38	48	20	-	10,36
168- 8M- 30	40430168	168	4	427,81	426,44	-	100	400	38	48	20	-	12,37
192- 8M- 30	40430192	192	4	488,92	487,55	-	100	460	38	48	20	-	14,31

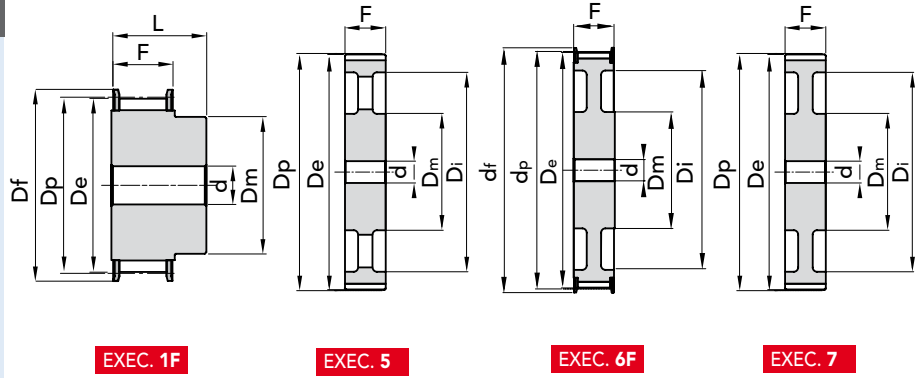
MATERIAL **STEEL**MATERIAL **CAST-IRON**
 CAD drawings available on our site
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PHOSPHATED

TYPE **8M 50**



EXEC. 1F

EXEC. 5

EXEC. 6F

EXEC. 7

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
22- 8M- 50F	40450022	22	1F	56,02	54,65	60	43	-	60	70	-	53	1,10
24- 8M- 50F	40450024	24	1F	61,12	59,75	66	45	-	60	70	-	69	1,20
26- 8M- 50F	40450026	26	1F	66,21	64,85	70	48	-	60	70	-	61	1,60
28- 8M- 50F	40450028	28	1F	71,30	70,08	75	50	-	60	70	-	79	1,70
30- 8M- 50F	40450030	30	1F	76,39	75,13	82,5	55	-	60	70	-	73	2,00
32- 8M- 50F	40450032	32	1F	81,49	80,16	87	60	-	60	70	-	76	2,35
34- 8M- 50F	40450034	34	1F	86,58	85,22	91	66	-	60	70	-	66	2,80
36- 8M- 50F	40450036	36	1F	91,67	90,30	97	70	-	60	70	-	68	3,10
38- 8M- 50F	40450038	38	1F	96,77	95,39	102	75	-	60	70	-	70	3,30
40- 8M- 50F	40450040	40	1F	101,86	100,49	106	75	-	60	70	-	77	3,60
44- 8M- 50F	40450044	44	1F	112,05	110,67	120	75	-	60	70	-	75	4,40
48- 8M- 50F	40450048	48	1F	122,23	120,86	128	80	-	60	70	-	78	5,00
56- 8M- 50F	40450056	56	6F	142,60	141,23	150	90	116	60	60	18	85	5,68
64- 8M- 50F	40450064	64	6F	162,97	161,60	168	100	137	60	60	18	90	6,93
72- 8M- 50F	40450072	72	6F	183,35	181,97	192	100	158	60	60	18	97	7,95
80- 8M- 50	40450080	80	7	203,72	202,35	-	110	180	60	60	18	-	7,96
90- 8M- 50	40450090	90	7	229,18	227,81	-	110	204	60	60	18	-	9,20
112- 8M- 50	40450112	112	5	285,21	283,83	-	110	254	60	60	18	-	12,16
144- 8M- 50	40450144	144	5	366,69	365,32	-	110	336	60	60	20	-	15,68
168- 8M- 50	40450168	168	5	427,81	426,44	-	120	400	60	60	20	-	18,99
192- 8M- 50	40450192	192	5	488,92	487,55	-	130	460	60	60	20	-	21,09

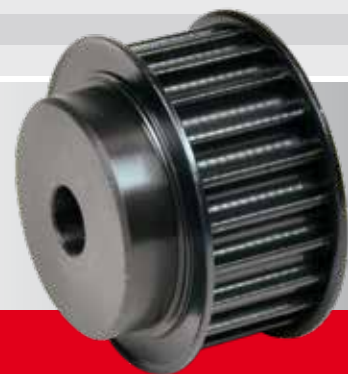
HTD® TIMING PULLEYS with PILOT BORE "PHOSPHATED" 8M 50

MATERIAL **STEEL**

MATERIAL **CAST-IRON**

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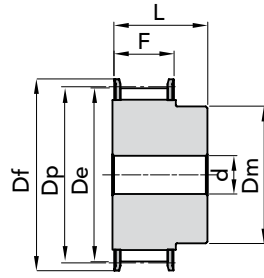
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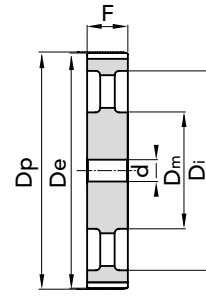
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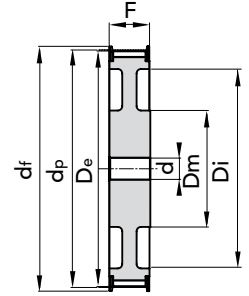
PHOSPHATED

TYPE **8M 85**

EXEC. 1F



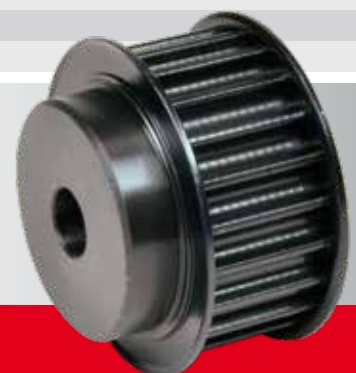
EXEC. 5



EXEC. 6F

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
22- 8M- 85F	40485022	22	1F	56,02	54,65	60	43	-	95	105	-	53	1,60
24- 8M- 85F	40485024	24	1F	61,12	59,75	66	45	-	95	105	-	69	1,95
26- 8M- 85F	40485026	26	1F	66,21	64,85	70	48	-	95	105	-	61	2,30
28- 8M- 85F	40485028	28	1F	71,30	70,08	75	50	-	95	105	-	79	2,60
30- 8M- 85F	40485030	30	1F	76,39	75,13	82,5	55	-	95	105	-	73	3,10
32- 8M- 85F	40485032	32	1F	81,49	80,16	87	60	-	95	105	-	76	3,70
34- 8M- 85F	40485034	34	1F	86,58	85,22	91	66	-	95	105	-	66	4,00
36- 8M- 85F	40485036	36	1F	91,67	90,30	97	70	-	95	105	-	68	4,70
38- 8M- 85F	40485038	38	1F	96,77	95,39	102	75	-	95	105	-	70	5,10
40- 8M- 85F	40485040	40	1F	101,86	100,49	106	75	-	95	105	-	77	5,40
44- 8M- 85F	40485044	44	1F	112,05	110,67	120	75	-	95	105	-	75	6,70
48- 8M- 85F	40485048	48	1F	122,23	120,86	128	80	-	95	105	-	78	7,20
56- 8M- 85F	40485056	56	1F	142,60	141,23	150	90	-	95	105	20	85	11,48
64- 8M- 85F	40485064	64	6F	162,97	161,60	168	100	137	95	95	20	90	11,02
72- 8M- 85F	40485072	72	6F	183,35	181,97	192	100	158	95	95	20	97	13,45
80- 8M- 85	40485080	80	5	203,72	202,35	-	110	180	95	95	20	-	12,36
90- 8M- 85	40485090	90	5	229,18	227,81	-	110	204	95	95	20	-	14,38
112- 8M- 85	40485112	112	5	285,21	283,83	-	110	254	95	95	24	-	18,66
144- 8M- 85	40485144	144	5	366,69	365,32	-	110	336	95	95	24	-	23,00
168- 8M- 85	on demand	168	5	427,81	426,44	-	120	400	95	95	24	-	-
192- 8M- 85	on demand	192	5	488,92	487,55	-	130	460	95	95	24	-	-

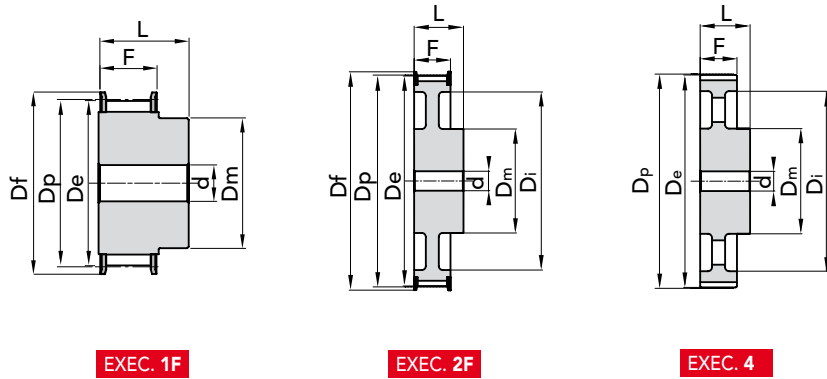
MATERIAL **STEEL**MATERIAL **CAST-IRON**
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PHOSPHATED

TYPE **14M 40**



EXEC. 1F

EXEC. 2F

EXEC. 4

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
28-14M- 40F	40640028	28	1F	124,78	122,12	128	100	-	54	69	24	153	4,80
29-14M- 40F	40640029	29	1F	129,23	126,57	138	100	-	54	69	24	154	5,20
30-14M- 40F	40640030	30	1F	133,69	130,99	138	100	-	54	69	24	154	5,60
32-14M- 40F	40640032	32	1F	142,60	139,88	154	100	-	54	69	24	160	6,20
34-14M- 40F	40640034	34	1F	151,52	148,79	160	100	-	54	69	24	166	6,90
36-14M- 40F	40640036	36	1F	160,43	157,68	168	100	-	54	69	24	168	7,70
38-14M- 40F	40640038	38	1F	169,34	166,60	183	120	-	54	69	24	172	8,90
40-14M- 40F	40640040	40	1F	178,25	175,49	188	120	-	54	69	24	162	9,80
44-14M- 40F	40640044	44	1F	196,08	193,28	211	120	-	54	69	24	175	12,00
48-14M- 40F	40640048	48	2F	213,90	211,11	226	135	170	54	69	24	180	11,98
56-14M- 40F	40640056	56	2F	249,55	246,76	256	135	207	54	69	28	182	14,01
64-14M- 40F	40640064	64	2F	285,21	282,41	296	135	240	54	69	28	184	16,65
72-14M- 40	40640072	72	4	320,86	318,06	-	135	278	54	69	28	-	15,52
80-14M- 40	40640080	80	4	356,51	353,71	-	135	314	54	69	28	-	17,23
90-14M- 40	40640090	90	4	401,07	398,28	-	135	358	54	69	28	-	19,40
112-14M- 40	40640112	112	4	499,11	496,32	-	135	456	54	69	28	-	24,14
144-14M-40	on demand	144	4	641,71	638,92	-	135	600	54	69	28	-	-
168-14M-40	on demand	168	4	748,66	745,87	-	135	706	54	69	28	-	-
192-14M-40	on demand	192	4	855,62	852,82	-	135	813	54	69	28	-	-
216-14M-40	on demand	216	4	962,57	959,76	-	150	920	54	69	28	-	-

HTD® TIMING PULLEYS with PILOT BORE "PHOSPHATED" 14M 40

MATERIAL **STEEL**

MATERIAL **CAST-IRON**

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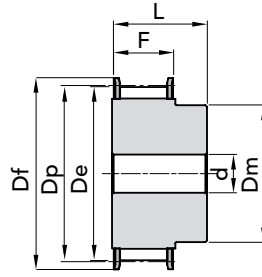
Quantity, availability and prices
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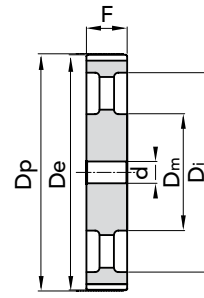
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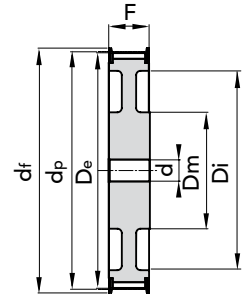
PHOSPHATED

TYPE **14M 55**

EXEC. 1F



EXEC. 5



EXEC. 6F

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
28-14M- 55F	40655028	28	1F	124,78	122,12	128	100	-	70	85	24	153	5,70
29-14M- 55F	40655029	29	1F	129,23	126,57	138	100	-	70	85	24	154	6,40
30-14M- 55F	40655030	30	1F	133,69	130,99	138	100	-	70	85	24	154	7,10
32-14M- 55F	40655032	32	1F	142,60	139,88	154	100	-	70	85	24	160	7,90
34-14M- 55F	40655034	34	1F	151,52	148,79	160	100	-	70	85	24	166	9,33
36-14M- 55F	40655036	36	1F	160,43	157,68	168	100	-	70	85	24	168	10,49
38-14M- 55F	40655038	38	1F	169,34	166,60	183	120	-	70	85	24	172	12,11
39- 14M- 55F													
40-14M- 55F	40655040	40	1F	178,25	175,49	188	120	-	70	85	24	162	13,00
44-14M- 55F	40655044	44	1F	196,08	193,28	211	120	-	70	85	24	175	16,12
48-14M- 55F	40655048	48	6F	213,90	211,11	226	135	170	70	70	24	180	13,50
56-14M- 55F	40655056	56	6F	249,55	246,76	256	135	207	70	70	28	182	15,78
64-14M- 55F	40655064	64	6F	285,21	282,41	296	135	240	70	70	28	184	19,04
72-14M- 55	40655072	72	5	320,86	318,06	-	135	278	70	70	28	-	18,41
80-14M- 55	40655080	80	5	356,51	353,71	-	135	314	70	70	28	-	20,27
90-14M- 55	40655090	90	5	401,07	398,28	-	135	358	70	70	28	-	22,98
112-14M- 55	40655112	112	5	499,11	496,32	-	135	456	70	70	28	-	29,29
144-14M- 55	40655144	144	5	641,71	638,92	-	135	600	70	70	28	-	36,00
168-14M- 55	40655168	168	5	748,66	745,87	-	135	706	70	70	28	-	40,00
192-14M- 55	40655192	192	5	855,62	852,82	-	135	813	70	70	28	-	47,50
216-14M- 55	on demand	216	5	962,57	959,76	-	150	920	70	70	28	-	-

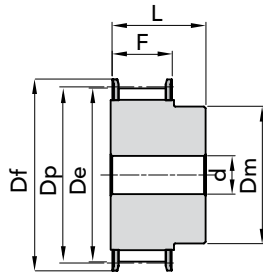
MATERIAL **STEEL**MATERIAL **CAST-IRON**
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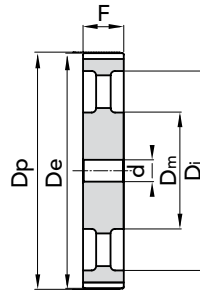



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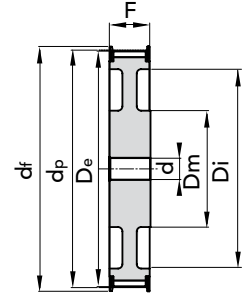
TYPE **14M 85**



EXEC. 1F



EXEC. 5



EXEC. 6F

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
28-14M- 85F	40685028	28	1F	124,78	122,12	128	100	-	102	117	-	153	8,77
29-14M- 85F	on demand	29	1F	129,23	126,57	138	100	-	102	117	-	154	-
30-14M- 85F	40685030	30	1F	133,69	130,99	138	100	-	102	117	-	154	9,45
32-14M- 85F	40685032	32	1F	142,60	139,88	154	100	-	102	117	-	160	10,13
34-14M- 85F	40685034	34	1F	151,52	148,79	160	100	-	102	117	-	166	11,65
36-14M- 85F	40685036	36	1F	160,43	157,68	168	100	-	102	117	-	168	14,48
38-14M- 85F	40685038	38	1F	169,34	166,60	183	120	-	102	117	-	172	16,62
40-14M- 85F	40685040	40	1F	178,25	175,49	188	135	-	102	117	-	162	18,84
44-14M- 85F	40685044	44	1F	196,08	193,28	211	135	-	102	117	-	175	23,00
48-14M- 85F	40685048	48	1F	213,90	211,11	226	150	-	102	117	-	180	27,58
56-14M- 85F	40685056	56	6F	249,55	246,76	256	150	207	102	102	32	182	24,19
64-14M- 85F	40685064	64	6F	285,21	282,41	296	150	240	102	102	32	184	28,57
72-14M- 85	40685072	72	5	320,86	318,06	-	150	278	102	102	32	-	28,26
80-14M- 85	40685080	80	5	356,51	353,71	-	150	314	102	102	32	-	31,00
90-14M- 85	40685090	90	5	401,07	398,28	-	150	358	102	102	32	-	35,00
112-14M- 85	40685112	112	5	499,11	496,32	-	150	456	102	102	32	-	43,50
144-14M- 85	40685144	144	5	641,71	638,92	-	150	600	102	102	32	-	50,00
168-14M- 85	40685168	168	5	748,66	745,87	-	150	706	102	102	32	-	63,00
192-14M- 85	40685192	192	5	855,62	852,82	-	165	813	102	102	32	-	76,00
216-14M- 85	on demand	216	5	962,57	959,76	-	165	920	102	102	32	-	-

HTD® TIMING PULLEYS with PILOT BORE "PHOSPHATED" 14M 85

MATERIAL **STEEL**

MATERIAL **CAST-IRON**

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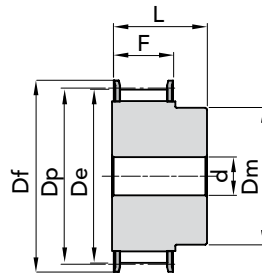
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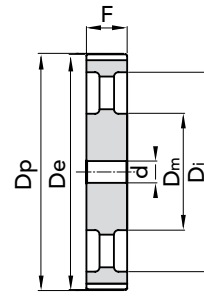
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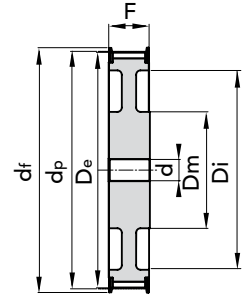
PHOSPHATED

TYPE **14M 115**

EXEC. 1F



EXEC. 5



EXEC. 6F

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
28-14M- 115F	40690028	28	1F	124,78	122,12	128	100	-	133	148	-	153	11,00
29-14M- 115F	on demand	29	1F	129,23	126,57	138	100	-	133	148	-	154	-
30-14M- 115F	40690030	30	1F	133,69	130,99	138	100	-	133	148	-	154	12,52
32-14M- 115F	40690032	32	1F	142,60	139,88	154	100	-	133	148	-	160	14,48
34-14M- 115F	40690034	34	1F	151,52	148,79	160	100	-	133	148	-	166	16,45
36-14M- 115F	40690036	36	1F	160,43	157,68	168	120	-	133	148	-	168	18,99
38-14M- 115F	40690038	38	1F	169,34	166,60	183	120	-	133	148	-	172	21,31
40-14M- 115F	40690040	40	1F	178,25	175,49	188	135	-	133	148	-	162	24,04
44-14M- 115F	40690044	44	1F	196,08	193,28	211	140	-	133	148	-	175	29,00
48-14M- 115F	40690048	48	1F	213,90	211,11	226	150	-	133	148	-	180	35,00
56-14M- 115F	40690056	56	1F	249,55	246,76	256	150	-	133	148	-	182	48,00
64-14M- 115F	40690064	64	6F	285,21	282,41	296	150	240	133	133	32	184	36,00
72-14M- 115	40690072	72	5	320,86	318,06	-	150	278	133	133	32	-	36,00
80-14M- 115	40690080	80	5	356,51	353,71	-	150	314	133	133	32	-	40,00
90-14M- 115	40690090	90	5	401,07	398,28	-	150	358	133	133	32	-	45,00
112-14M- 115	40690112	112	5	499,11	496,32	-	150	456	133	133	32	-	55,50
144-14M- 115	40690144	144	5	641,71	638,92	-	165	600	133	133	32	-	71,00
168-14M- 115	40690168	168	5	748,66	745,87	-	165	706	133	133	32	-	83,00
192-14M- 115	40690192	192	5	855,62	852,82	-	165	813	133	133	32	-	96,00
216-14M- 115	on demand	216	5	962,57	959,76	-	165	920	133	133	32	-	-

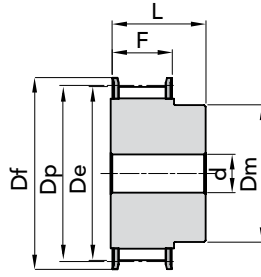
MATERIAL **STEEL**MATERIAL **CAST-IRON**
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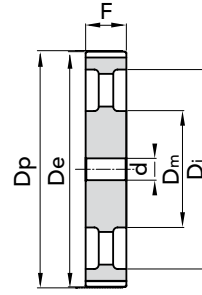



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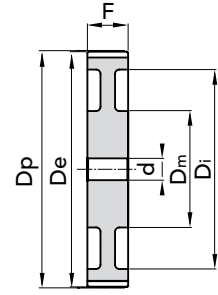
TYPE **14M 170**



EXEC. 1F



EXEC. 5



EXEC. 7

TYPE	P. NUMBER	N. TEETH	EXEC.	Dp	De	Df FLANGE	Dm HUB	Di	F	L	d Ø Bore	N. FLANGE	WEIGHT kg.
28-14M- 170F	40692028	28	1F	124,78	122,12	128	100	-	187	202	-	153	14,79
29-14M- 170F	on demand	29	1F	129,23	126,57	138	100	-	187	202	-	154	-
30-14M- 170F	40692030	30	1F	133,69	130,99	138	100	-	187	202	-	154	17,24
32-14M- 170F	40692032	32	1F	142,60	139,88	154	100	-	187	202	-	160	19,92
34-14M- 170F	40692034	34	1F	151,52	148,79	160	100	-	187	202	-	166	22,72
36-14M- 170F	40692036	36	1F	160,43	157,68	168	120	-	187	202	-	168	26,07
38-14M- 170F	40692038	38	1F	169,34	166,60	183	135	-	187	202	-	172	29,71
40-14M- 170F	40692040	40	1F	178,25	175,49	188	140	-	187	202	-	162	33,50
44-14M- 170F	on demand	44	1F	196,08	193,28	211	160	-	187	202	-	175	-
48-14M- 170F	on demand	48	1F	213,90	211,11	226	160	-	187	202	-	180	-
56-14M- 170F	on demand	56	1F	249,55	246,76	256	160	-	187	202	-	182	-
64-14M- 170F	on demand	64	1F	285,21	282,41	296	180	-	187	202	-	184	-
72-14M- 170	on demand	72	7	320,86	318,06	-	180	278	187	187	32	-	-
80-14M- 170	40692080	80	7	356,51	353,71	-	180	314	187	187	32	-	71,00
90-14M- 170	40692090	90	5	401,07	398,28	-	180	358	187	187	38	-	73,00
112-14M- 170	40692112	112	5	499,11	496,32	-	200	456	187	187	38	-	95,00
144-14M- 170	40692144	144	5	641,71	638,92	-	220	600	187	187	38	-	114,00
168-14M- 170	40692168	168	5	748,66	745,87	-	220	706	187	187	38	-	142,00
192-14M- 170	on demand	192	5	855,61	852,82	-	220	813	187	187	38	-	-
216-14M- 170	on demand	216	5	962,57	959,76	-	220	920	187	187	38	-	-

HTD® TIMING PULLEYS with PILOT BORE "PHOSPHATED" 14M 170

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MATERIAL **STEEL**

MATERIAL **CAST-IRON**

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