SUPREME
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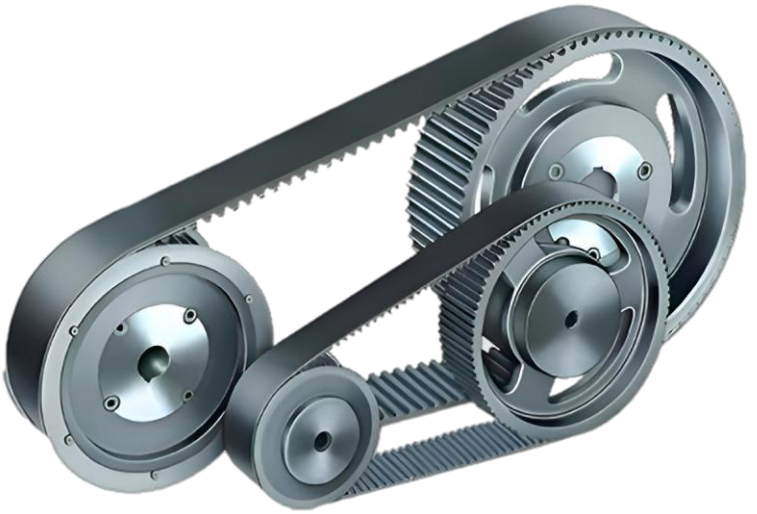
TIMING BELT PULLEY

PRICISION + SPEED



Precise Power Transmission
Positive Acceleration and Braking
Repetitive, Accurate Positioning
Constant Angular Velocity
Smoother Running
Low Maintenance
Efficient Operation
Reliable, Low Cost
Reduced Noise

SUPREME - TIMING PULLEY

ABOUT

A timing pulley is a type of pulley that is specially designed with teeth around its circumference. These teeth mesh with the teeth of a timing belt, also known as a synchronous belt. The primary purpose of a timing pulley and belt system is to transfer rotational motion and power efficiently between shafts, ensuring precise timing and synchronization between components.

Here are some key features and uses of timing pulleys:

- Teeth and Belt Compatibility: Timing pulleys have teeth that match the pitch (spacing) and profile of the timing belt they are intended to work with. This ensures a positive engagement between the pulley and the belt, preventing slippage.

- Precise Motion Control: They are used in applications where accurate timing and synchronization of shaft rotation are critical. This includes various industries such as automotive, robotics, printing, and manufacturing equipment.

- Material and Construction: Timing pulleys are typically made from materials such as aluminum, steel, or plastics like nylon. The choice of material depends on factors such as load requirements, operating environment, and cost considerations.

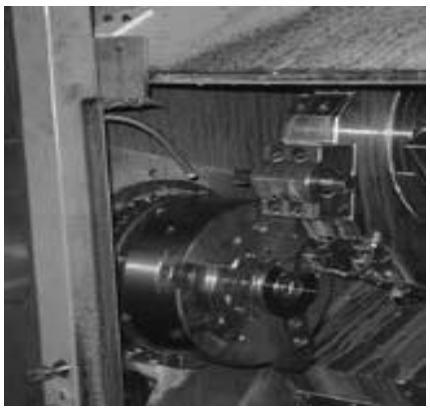
- Types of Teeth: Timing pulleys can have different tooth profiles, such as trapezoidal (for classical timing belts) or curvilinear (for timing belts with a curvilinear tooth profile). The type of tooth profile chosen depends on the specific requirements of the application.

- Sizes and Configurations: They come in various sizes (diameters and widths) and configurations (such as single- groove, double-groove, or multi-groove) to accommodate different power transmission needs and space constraints.

- Overall, timing pulleys play a crucial role in mechanical systems where precise timing, reliability, and efficiency are essential. They are integral components in ensuring smooth and synchronized operation of machinery and equipment.

SUPREME PULLEY - APPLICATION

Supreme Timing pulleys find application in various industries and mechanical systems where precise timing, synchronization, and efficient power transmission are required. Some common applications include: -



Textile Machinery Manufactures
Plastic Machinery Manufactures
Paper printing Machinery Manufactures
Glass Machinery Manufactures
Indoor-outdoor conveyors Manufactures
Rubber Machinery Manufactures
Special purpose mcs auto.
Standard cnc Machinery Manufactures
Pumps & valves & gearbox
Corrugated box Machinery Manufactures
Packaging machinery (food, pharma, general)
Pharma Machinery Manufactures
Bottle & pharma packing & printing & labeling Machinery Manufactures
Tiles & stone Machinery Manufactures
CNC machines Manufactures
Dairy Machinery Manufactures
Ice cream packing/labeling Machinery Manufactures

POLYCHAIN

NYLON+ SS 316

HTD TAPERLOCK

NO RUNOUT

ALLUMINIUM

WITH KEYLESS

Supreme - Timing Pulley

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Types of Timing Pulleys

We offer a diverse selection of timing pulleys to cater to various applications and requirements. **Our Products** includes:

- **Plain Pulley:**
  Ideal for straightforward applications where simplicity and efficiency are key. We made these pulleys for easy use and reliability.
- **Hub Pulley:**
  Featuring a central hub, these pulleys offer enhanced attachment options, making them suitable for more complex machinery where secure mounting is essential.
- **Counter Pulley:**
  Specially designed for applications requiring counter rotation, these pulleys ensure seamless and precise opposite-direction movements.

Range and Specifications

Our timing pulleys are designed to accommodate a wide range of mechanical requirements:

- **Power Range:**
  From 0.1 to 120 HP, ensuring that no matter the size of your operation, we have the right pulley for your needs.
- **Speed Range:**
  Capable of handling 100 to 10,000 RPM, our pulleys are versatile enough for a multitude of applications, from slow-moving machinery to high-speed operations.

Materials

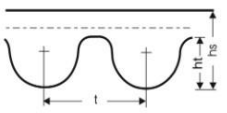
- **Aluminum:**
  Lightweight yet sturdy, ideal for applications where reducing weight is crucial.
- **Steel:**
  Known for its durability and strength, perfect for heavy-duty use.
- **Cast Iron:**
  Offers excellent wear resistance, suitable for rugged applications.
- **Plastic:**
  A cost-effective option for less demanding environments, where corrosion resistance is a priority.
- **Stainless Steel:**
  Combines durability with corrosion resistance, ideal for applications in challenging environments.

Advantages of Timing Belt Drives

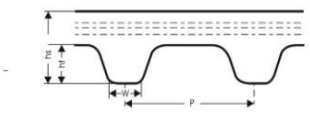
Opting for a timing belt drive system offers numerous advantages, making it a superior choice for Many applications:

- **Precision:**
  Timing belt drives ensure precise timing and synchronization, crucial for the smooth operation of machinery.
- **Efficiency:**
  These drives are designed to transmit power efficiently, minimizing energy loss and maximizing performance.
- **Versatility:**
  Suitable for a wide range of applications, from simple machinery to complex industrial setups.
- **Low Maintenance:**
  Unlike chain or geared systems, timing belt drives require less maintenance, saving time and resources.
- **Quiet Operation:**
  These systems operate quietly, reducing noise pollution in the workspace.

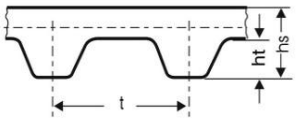
Pitch and Profile:



HTD	PITCH	HT	HS
3M	3.0	1.2	2.4
5M	5.0	2.1	3.6
8M	8.0	3.4	5.6
14M	14.0	6.1	10.0
20M	20.0	9.0	13.2



SYNCRO	PITCH	HT	HS
T 2.5	2.50	0.70	1.30
T 5	5.00	1.20	2.20
T 10	10.00	2.50	4.50
T 10 SE	10.00	3.40	4.50
T 20	20.00	5.00	8.00



INCH	PITCH	HT	HS
MXL	2.03	0.51	1.14
XL	5.08	1.27	2.3
L	9.52	1.90	3.6
H	12.70	2.29	4.3
XH	22.22	6.35	11.2

Comparison:

DRIVE FACTORS	CHAIN	V-BELT	GEARS	FLAT	TIMING BELT
SLIPPAGE & BACKLASH	COMP	HIGH	MED	HIGH	NIL
NOISE & VIBRATION	HIGH	MED	HIGH	MED	LOW
SPACE & WEIGHT	MORE	MORE	MORE	MORE	LESS
REQUIRE LUBE SYSTEM	YES	NO	YES	NO	NO

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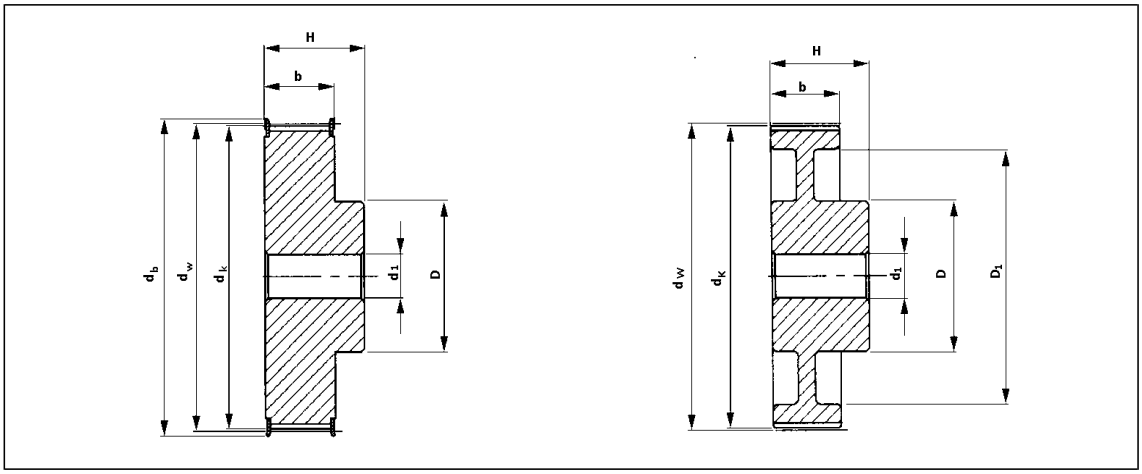
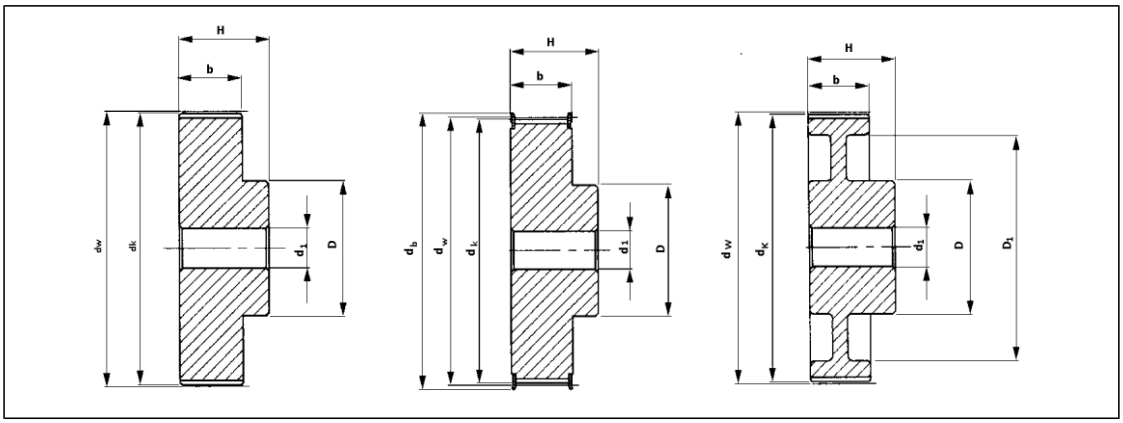
HTD PULLEY- 5M PITCH



BELT WIDTH 15MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
12-5M-15	12	17.96	20.5	13	26	0.04
14-5M-15	14	21.14	20.5	14	26	0.05
15-5M-15	15	22.73	20.5	16	26	0.06
16-5M-15	16	24.32	20.5	16.5	26	0.07
18-5M-15	18	27.51	20.5	20	26	0.09
20-5M-15	20	30.69	20.5	23	26	0.12
21-5M-15	21	32.28	20.5	24	26	0.13
22-5M-15	22	33.87	20.5	25.5	26	0.14
24-5M-15	24	37.06	20.5	27	28	0.18
26-5M-15	26	40.24	20.5	30	28	0.22
28-5M-15	28	43.42	20.5	30.5	28	0.25
30-5M-15	30	46.60	20.5	35	28	0.30
32-5M-15	32	49.79	20.5	38	28	0.35
36-5M-15	36	56.16	20.5	38	28	0.43
40-5M-15	40	62.52	20.5	38	28	0.52
44-5M-15	44	68.89	20.5	38	30	0.23
48-5M-15	48	75.25	20.5	38	30	0.19
60-5M-15	60	94.35	20.5	50	30	0.30
72-5M-15	72	113.45	20.5	50	30	0.38

HTD PULLEY - 5M PITCH



BELT WIDTH 25 MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
12-5M-25	12	17.96	30	13	36	0.050
14-5M-25	14	21.14	30	14	36	0.070
15-5M-25	15	22.73	30	16	36	0.080
16-5M-25	16	24.32	30	16.5	36	0.100
18-5M-25	18	27.51	30	20	36	0.120
20-5M-25	20	30.69	30	23	36	0.160
21-5M-25	21	32.28	30	24	38	0.190
22-5M-25	22	33.87	30	25.5	38	0.210
24-5M-25	24	37.06	30	27	38	0.250
26-5M-25	26	40.24	30	30	38	0.300
28-5M-25	28	43.42	30	30.5	38	0.350
30-5M-25	30	46.60	30	35	38	0.420
32-5M-25	32	49.79	30	38	38	0.480
36-5M-25	36	56.16	30	38	38	0.590
40-5M-25	40	62.52	30	38	38	0.740
44-5M-25	44	68.89	30	38	40	0.320
48-5M-25	48	75.25	30	38	40	0.275
60-5M-25	60	94.35	30	50	40	0.435
72-5M-25	72	113.45	30	50	40	0.525

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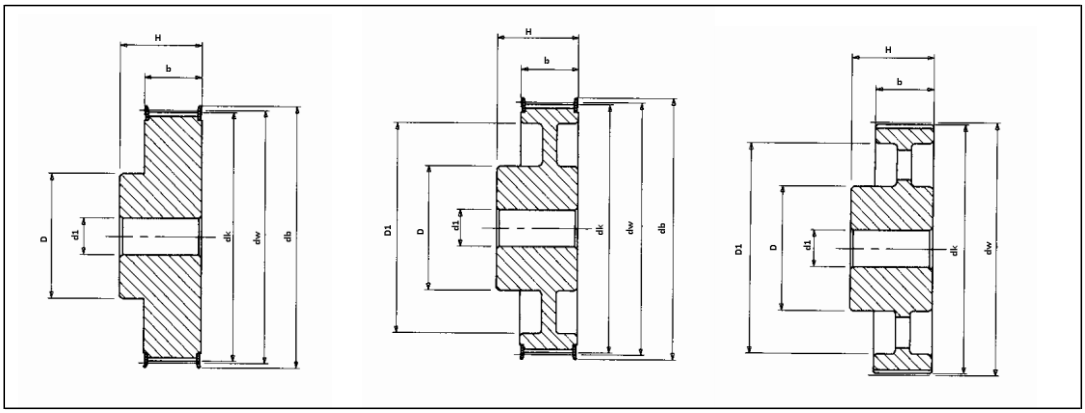
HTD PULLEY - 8M PITCH



BELT WIDTH 30MM						
Code	Teeth	dk	b	D	H	Kg
22-8M-30	22	54.65	38	43	48	0.69
24-8M-30	24	59.75	38	45	48	0.84
26-8M-30	26	64.84	38	50	48	1.00
28-8M-30	28	70.08	38	50	48	1.12
30-8M-30	30	75.13	38	55	48	1.32
32-8M-30	32	80.16	38	60	48	1.53
34-8M-30	34	85.22	38	70	48	1.80
36-8M-30	36	90.30	38	70	48	1.99
38-8M-30	38	95.39	38	75	48	2.27
40-8M-30	40	100.49	38	75	48	2.40
44-8M-30	44	110.67	38	75	48	2.80
48-8M-30	48	120.86	38	75	48	3.20
56-8M-30	56	141.23	38	90	48	3.60
64-8M-30	64	161.60	38	90	48	4.30
72-8M-30	72	181.97	38	95	48	4.80
80-8M-30	80	202.35	38	100	48	5.10
90-8M-30	90	227.81	38	100	48	5.70
112-8M-30	112	283.83	38	100	48	6.80
144-8M-30	144	365.32	38	100	48	9.30
168-8M-30	168	426.44	38	100	48	11.40
192-8M-30	192	487.55	38	100	48	16.00

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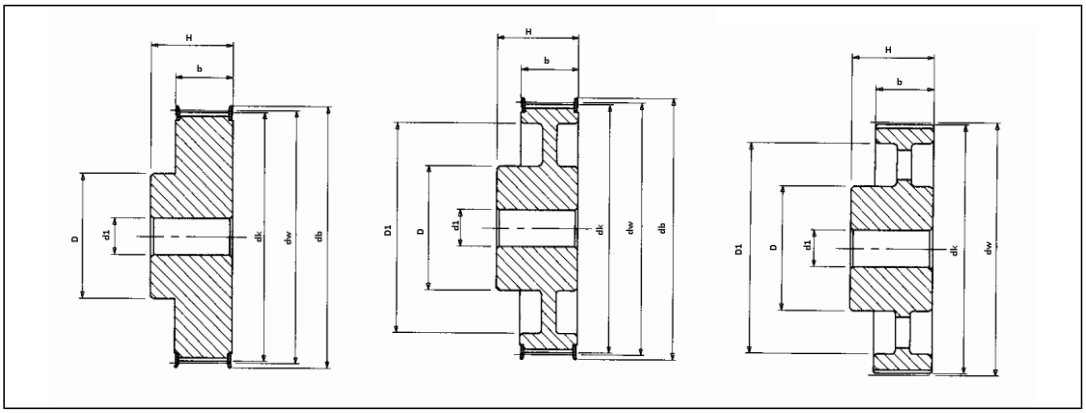
HTD PULLEY - 8M PITCH



BELT WIDTH 50MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
22-8M-50	22	54.65	60	43	70	1.00
24-8M-50	24	59.75	60	45	70	1.23
26-8M-50	26	64.84	60	50	70	1.50
28-8M-50	28	70.08	60	50	70	1.67
30-8M-50	30	75.13	60	55	70	1.97
32-8M-50	32	80.16	60	60	70	2.27
34-8M-50	34	85.22	60	70	70	2.69
36-8M-50	36	90.30	60	70	70	2.97
38-8M-50	38	95.39	60	75	70	3.23
40-8M-50	40	100.49	60	75	70	3.50
44-8M-50	44	110.67	60	75	70	3.90
48-8M-50	48	120.86	60	80	70	4.30
56-8M-50	56	141.23	60	90	-	5.00
64-8M-50	64	161.60	60	100	-	5.60
72-8M-50	72	181.97	60	100	-	6.80
80-8M-50	80	202.35	60	110	-	6.90
90-8M-50	90	227.81	60	110	-	8.60
112-8M-50	112	283.83	60	110	60	9.60
144-8M-50	144	365.32	60	110	60	13.80
168-8M-50	168	426.44	60	120	60	16.00
192-8M-50	192	487.55	60	130	60	22.80

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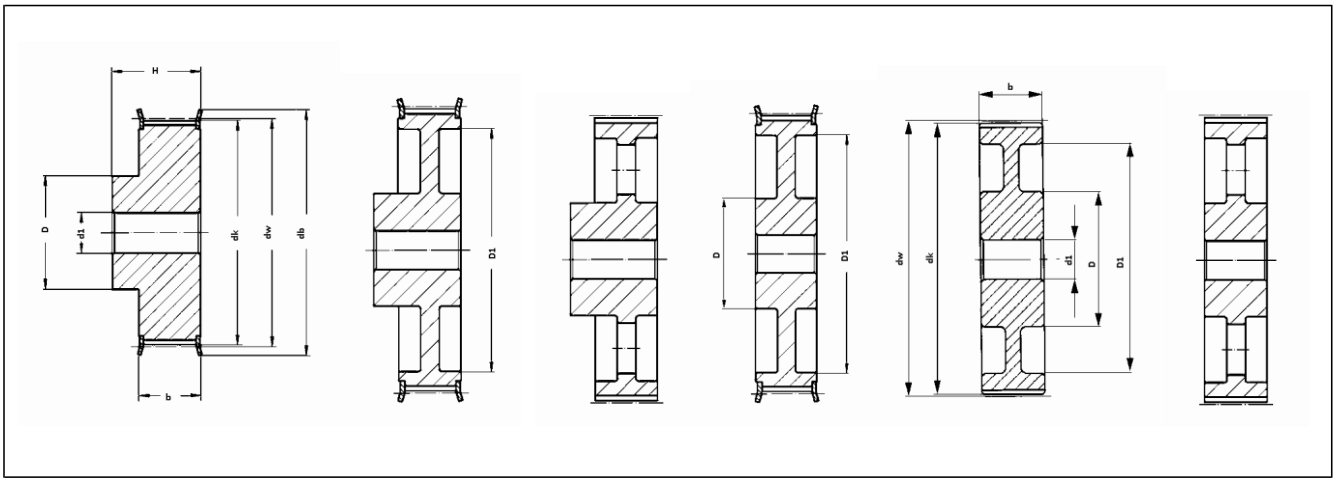
HTD PULLEY - 14M PITCH



BELT WIDTH 55MM						
Code	**Teeth**	**Dk**	**b-55**	**D**	**H**	**Kg**
28-14M-55	28	122.12	70	100	85	5.60
29-14M-55	29	126.57	70	100	85	6.10
30-14M-55	30	130.99	70	100	85	6.60
32-14M-55	32	139.88	70	100	85	7.60
34-14M-55	34	148.79	70	100	85	8.60
36-14M-55	36	157.68	70	100	85	9.60
38-14M-55	38	166.60	70	120	85	10.80
40-14M-55	40	175.49	70	120	85	11.20
44-14M-55	44	193.28	70	120	85	12.50
48-14M-55	48	211.11	70	135	-	13.70
56-14M-55	56	246.76	70	135	-	14.50
64-14M-55	64	282.21	70	135	-	15.60
72-14M-55	72	318.06	70	135	-	18.50
80-14M-55	80	353.71	70	135	-	20.00
90-14M-55	90	398.28	70	135	-	22.60
112-14M-55	112	496.32	70	135	70	29.50
144-14M-55	144	638.92	70	135	70	39.00
168-14M-55	168	745.87	70	135	70	51.00
192-14M-55	192	852.82	70	150	70	58.50

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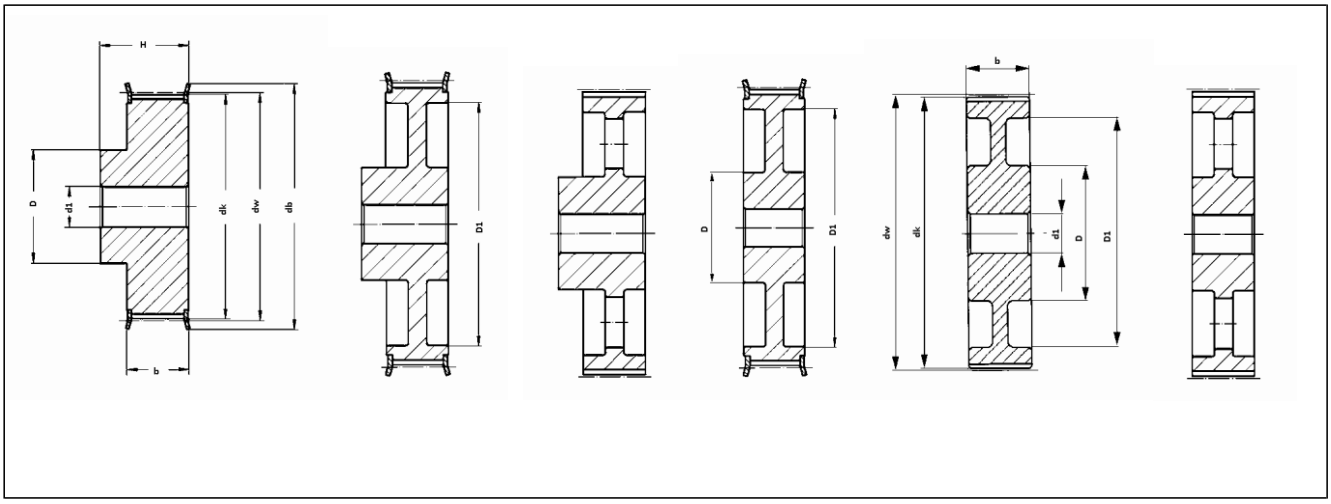
HTD PULLEY - 14M PITCH



BELT WIDTH 85MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
28-14M-85	28	122.12	102	100	117	7.70
29-14M-85	29	126.57	102	100	117	8.40
30-14M-85	30	130.99	102	100	117	9.10
32-14M-85	32	139.88	102	100	117	10.50
34-14M-85	34	148.79	102	100	117	11.90
36-14M-85	36	157.68	102	100	117	13.20
38-14M-85	38	166.60	102	120	117	15.15
40-14M-85	40	175.49	102	135	117	17.10
44-14M-85	44	193.28	102	135	117	23.30
48-14M-85	48	211.11	102	150	117	25.00
56-14M-85	56	246.76	102	150	102	25.00
64-14M-85	64	282.21	102	150	102	30.50
72-14M-85	72	320.86	102	150	102	28.80
80-14M-85	80	356.51	102	150	102	30.10
90-14M-85	90	401.07	102	150	102	33.00
112-14M-85	112	496.32	102	150	102	41.80
144-14M-85	144	638.92	102	150	102	52.30
168-14M-85	168	745.87	102	150	102	60.30
192-14M-85	192	852.82	102	165	102	86.00

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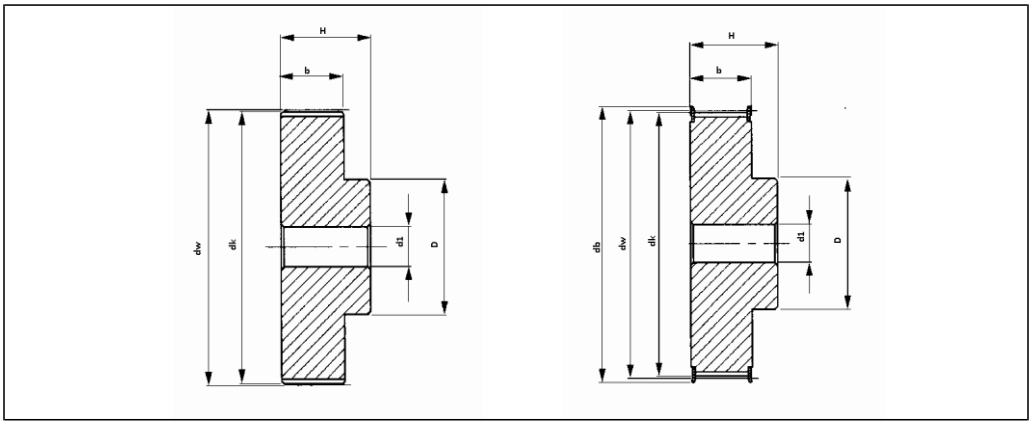
SYNCRO PULLEY – T5 PITCH



BELT WIDTH 25MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
10-T5-25	10	15.05	30	8	36	0.023
12-T5-25	12	18.25	30	11	36	0.031
14-T5-25	14	21.45	30	14	36	0.037
15-T5-25	15	23.05	30	16	36	0.041
16-T5-25	16	24.60	30	18	36	0.050
18-T5-25	18	27.80	30	20	36	0.061
19-T5-25	19	29.40	30	22	36	0.070
20-T5-25	20	31.00	30	23	36	0.076
22-T5-25	22	34.25	30	24	36	0.080
24-T5-25	24	37.40	30	26	36	0.109
25-T5-25	25	39.00	30	26	36	0.116
26-T5-25	26	40.60	30	26	36	0.120
27-T5-25	27	42.20	30	30	36	0.128
28-T5-25	28	43.75	30	32	36	0.130
30-T5-25	30	46.95	30	34	36	0.150
32-T5-25	32	50.10	30	38	36	0.176
36-T5-25	36	56.45	30	38	36	0.230
40-T5-25	40	62.85	30	40	36	0.276
42-T5-25	42	66.00	30	40	36	0.284
44-T5-25	44	69.20	30	45	36	0.315
48-T5-25	48	75.55	30	50	36	0.400
60-T5-25	60	94.65	30	65	36	0.614

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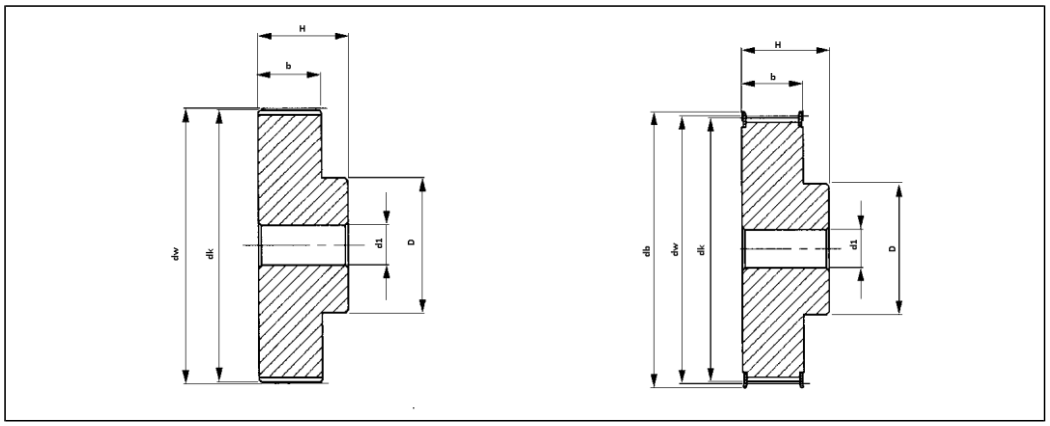
SYNCRO PULLEY – T10 PITCH



BELT WIDTH 25MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
12-T10-25	12	36.35	30	28	40	0.099
14-T10-25	14	42.70	30	32	40	0.134
15-T10-25	15	45.90	30	32	40	0.152
16-T10-25	16	49.05	30	35	40	0.176
18-T10-25	18	55.45	30	40	40	0.224
19-T10-25	19	58.60	30	44	40	0.247
20-T10-25	20	61.80	30	46	40	0.276
22-T10-25	22	68.15	30	52	40	0.337
24-T10-25	24	74.55	30	58	40	0.392
25-T10-25	25	77.70	30	60	40	0.422
26-T10-25	26	80.90	30	60	40	0.477
27-T10-25	27	84.10	30	60	40	0.536
28-T10-25	28	87.25	30	60	40	0.540
30-T10-25	30	93.65	30	60	40	0.640
32-T10-25	32	100.00	30	65	40	0.693
36-T10-25	36	112.75	30	70	40	0.873
40-T10-25	40	125.45	30	80	40	1.067
44-T10-25	44	138.20	30	88	40	1.350
48-T10-25	48	150.95	30	95	40	1.516
60-T10-25	60	189.10	30	110	40	2.339

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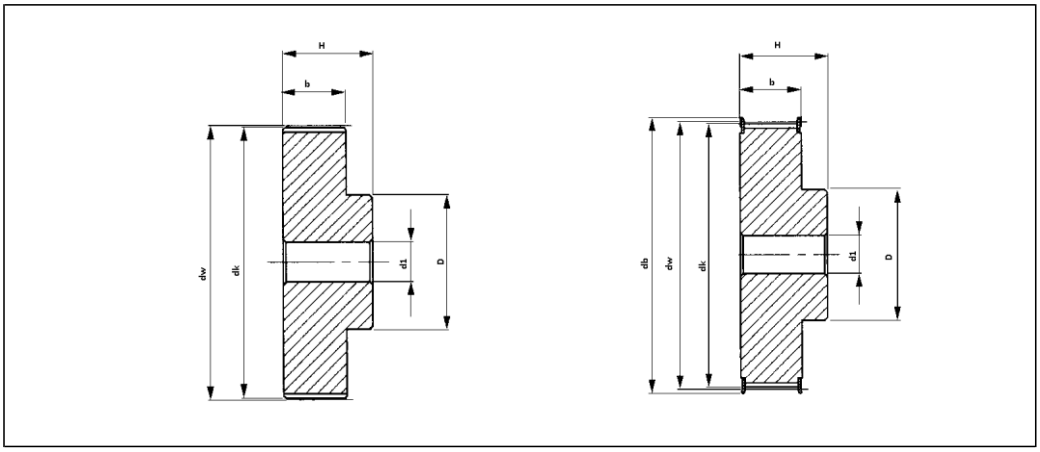
SYNCRO PULLEY - AT5 PITCH



BELT WIDTH 25MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
12-AT5-25	12	17.85	30	11	36	0.031
14-AT5-25	14	21.05	30	14	36	0.037
15-AT5-25	15	22.65	30	16	36	0.041
16-AT5-25	16	24.20	30	18	36	0.050
18-AT5-25	18	27.40	30	20	36	0.061
19-AT5-25	19	29.00	30	22	36	0.070
20-AT5-25	20	30.60	30	23	36	0.076
22-AT5-25	22	33.85	30	24	36	0.080
24-AT5-25	24	37.00	30	26	36	0.109
25-AT5-25	25	38.60	30	26	36	0.116
26-AT5-25	26	40.20	30	26	36	0.120
27-AT5-25	27	41.80	30	30	36	0.128
28-AT5-25	28	43.35	30	32	36	0.130
30-AT5-25	30	46.55	30	34	36	0.150
32-AT5-25	32	49.70	30	38	36	0.176
36-AT5-25	36	56.05	30	38	36	0.230
40-AT5-25	40	62.45	30	40	36	0.276
42-AT5-25	42	65.60	30	40	36	0.284
44-AT5-25	44	68.80	30	45	36	0.315
48-AT5-25	48	75.15	30	50	36	0.400
60-AT5-25	60	94.25	30	65	36	0.614

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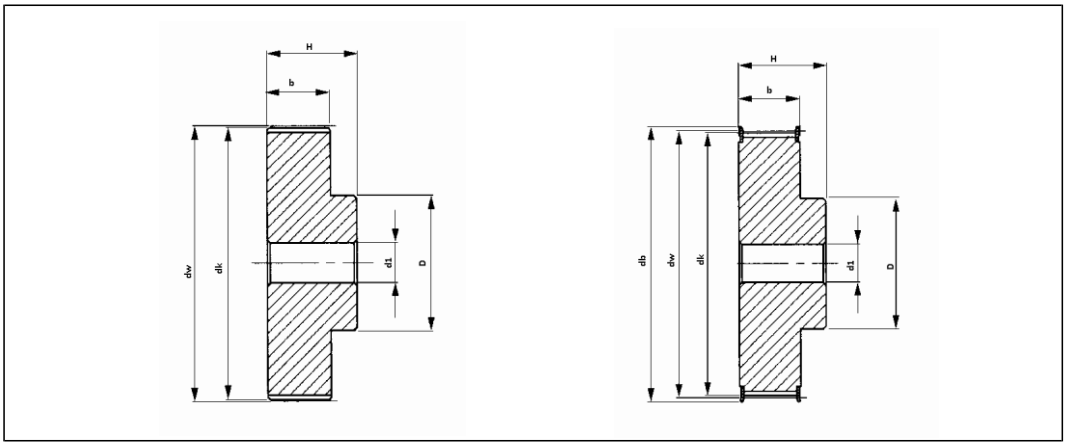
SYNCRO PULLEY – AT10 PITCH



BELT WIDTH 25MM						
Code	**Teeth**	**dk**	**b**	**D**	**H**	**Kg**
15-AT10-25	15	45.90	30	32	40	0.152
16-AT10-25	16	49.05	30	35	40	0.176
18-AT10-25	18	55.45	30	40	40	0.224
19-AT10-25	19	58.60	30	44	40	0.247
20-AT10-25	20	61.80	30	46	40	0.276
22-AT10-25	22	68.15	30	52	40	0.337
24-AT10-25	24	74.55	30	58	40	0.392
25-AT10-25	25	77.70	30	60	40	0.422
26-AT10-25	26	80.90	30	60	40	0.477
27-AT10-25	27	84.10	30	60	40	0.536
28-AT10-25	28	87.25	30	60	40	0.540
30-AT10-25	30	93.65	30	60	40	0.640
32-AT10-25	32	100.00	30	65	40	0.693
36-AT10-25	36	112.75	30	70	40	0.873
40-AT10-25	40	125.45	30	80	40	1.067
44-AT10-25	44	138.20	30	88	40	1.350
48-AT10-25	48	150.95	30	95	40	1.516
60-AT10-25	60	189.10	30	100	40	2.339

SUPREME
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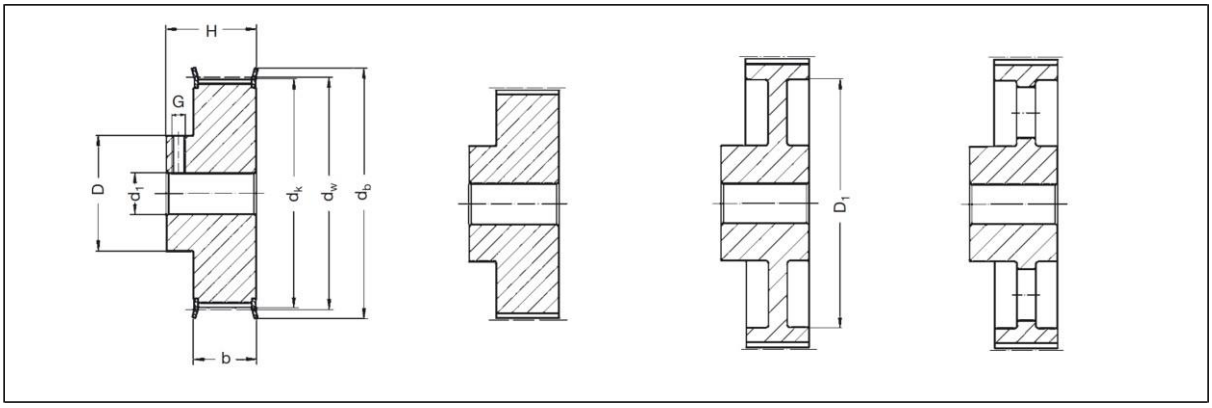
INCH PULLEY - XL PITCH



BELT WIDTH 37MM						
Code	**Teeth**	**Dk**	**b-37**	**D**	**H**	**Kg**
10-XL-37	10	15,66	14,3	9.3	19.8	0.02
11-XL-37	11	17,28	14,3	11.1	19.8	0.02
12-XL-37	12	18,90	14,3	12.7	19.8	0.03
14-XL-37	14	22,13	14,3	14.3	19.8	0.04
15-XL-37	15	23,75	14,3	15.9	19.8	0.04
16-XL-37	16	25,36	14,3	17.5	19.8	0.05
18-XL-37	18	28,60	14,3	20.6	19.8	0.06
20-XL-37	20	31,83	14,3	23.8	22.2	0.08
21-XL-37	21	33,45	14,3	23.8	22.2	0.09
22-XL-37	22	35,07	14,3	25.4	22.2	0.10
24-XL-37	24	38,30	14,3	27.0	22.2	0.12
26-XL-37	26	41,53	14,3	30.0	22.2	0.14
28-XL-37	28	44,77	14,3	30.2	22.2	0.16
30-XL-37	30	48,00	14,3	34.9	22.2	0.19
32-XL-37	32	51,24	14,3	38.0	25.0	0.32
32-XL-37	32	51,24	14,3	38.0	25.4	0.11
36-XL-37	36	57,70	14,3	38.0	25.4	0.13
40-XL-37	40	64,17	14,3	38.0	25.4	0.17
42-XL-37	42	67,41	14,3	38.0	25.4	0.13
44-XL-37	44	70,64	14,3	38.0	25.4	0.15
48-XL-37	48	77,11	14,3	38.0	25.4	0.60
60-XL-37	60	96,51	14,3	38.0	25.4	0.18
72-XL-37	72	115,92	14,3	38.0	25.4	0.23

SUPREME
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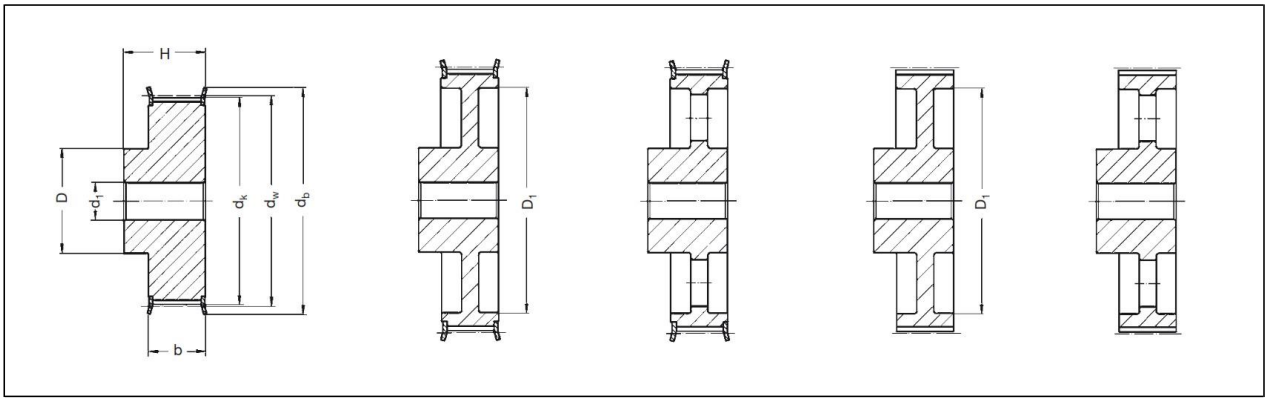
INCH PULLEY - L PITCH



BELT WIDTH 75MM						
Code	**Teeth**	**Dk**	**b-75**	**D**	**H**	**Kg**
12-L-75	12	35.62	25	28	32	0.23
14-L-75	14	41.68	25	33	32	0.32
16-L-75	16	47.75	25	38	32	0.42
17-L-75	17	50.78	25	40	32	0.45
19-L-75	19	56.84	25	40	32	0.57
20-L-75	20	59.88	25	46	32	0.63
22-L-75	22	65.94	25	50	32	0.75
24-L-75	24	72.00	25	50	32	0.80
26-L-75	26	78.07	25	50	32	1.00
28-L-75	28	84.13	25	50	32	1.20
30-L-75	30	90.20	25	50	32	1.40
32-L-75	32	96.26	25	50	32	1.50
36-L-75	36	108.39	25	55	32	1.30
40-L-75	40	120.51	25	60	32	1.60
44-L-75	44	132.64	25	60	32	1.70
48-L-75	48	144.79	25	60	32	1.90
48-L-75	48	144.79	25	60	45	2.40
60-L-75	60	181.15	26	60	35	1.80
64-L-75	64	193.28	26	80	45	3.60
72-L-75	72	217.53	26	60	35	2.30
80-L-75	80	241.79	26	90	45	4.90
84-L-75	84	253.92	26	60	35	2.50

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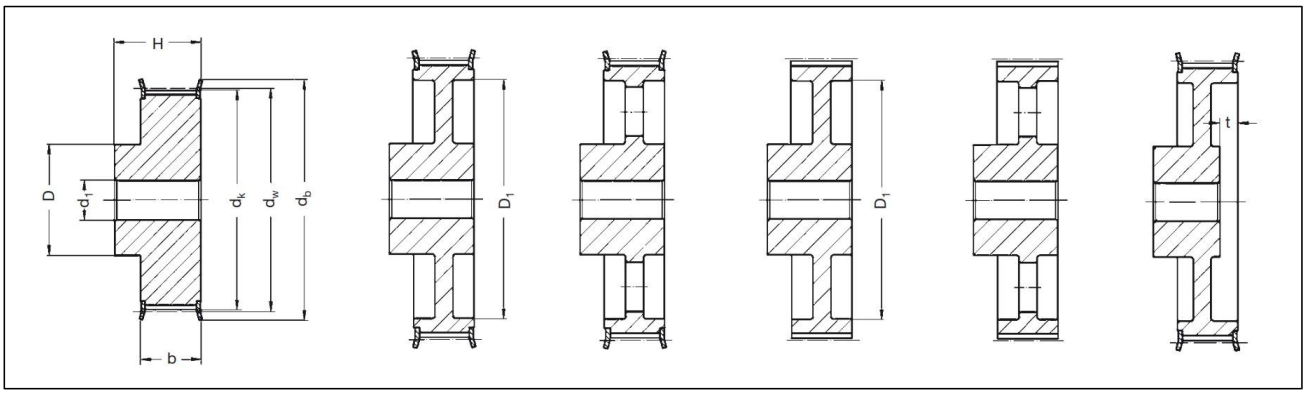
INCH PULLEY - H PITCH



BELT WIDTH 100MM						
Code	**Teeth**	**dk**	**b-100**	**D**	**H**	**Kg**
14-H-100	14	55.22	31	40	41	0.65
16-H-100	16	63.31	31	46	41	0.85
18-H-100	18	71.39	31	54	41	1.10
20-H-100	20	79.48	31	62	41	1.40
22-H-100	22	87.56	31	70	41	1.70
24-H-100	24	95.65	31	75	41	2.00
26-H-100	26	103.73	32	55	40	1.40
28-H-100	28	111.82	31	75	41	2.75
30-H-100	30	119.90	32	60	40	1.70
32-H-100	32	127.99	31	75	41	3.40
36-H-100	36	144.16	32	80	40	3.00
40-H-100	40	160.33	32	80	40	2.80
42-H-10	42	168.50	31	90	50	3.90
44-H-100	44	176.50	32	80	40	3.10
48-H-100	48	192.67	32	80	40	3.30
60-H-100	60	241.18	34	80	45	5.50
64-H-100	64	257.35	34	80	45	5.90
72-H-100	72	289.69	34	80	45	7.10
80-H-100	80	322.03	31	100	50	7.40
84-H-100	84	338.20	34	80	45	8.20
96-H-100	96	386.71	34	80	45	9.90
120-H-100	120	483.73	34	90	50	13.10

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Our Pulleys are made with Gates Licensee Hob cutters & CNC machines to ensure the Quality.

Hobs and cutters

PAGE 2.....

We can make the hobs in various grades of HSS which improves tool life and hobs can be TiN coated which improves tool life approximately 3 or 4 times.

The critical factor is running the hob at the correct surface speed to suit the hob material and the material being cut. With more information about your component material, hobbing machine and their RPM range and maximum table rotational speed we can give more information.

Acedes are one of the worlds largest producers of pulley hobs and are one only a few companies to be licensed by Gates to produce and supply hobs for pulleys and moulds. We export world wide and have in our stock range hobs for

Gates Classical (involute range)
Gates HTD
Gates Powergrip GT
Gates Polychain GT
Syncroflex (various types T, AT etc)
Supertorque etc.

The Gates Polychain GT and Powergrip GT along with some HTD tooling can only be supplied to holders of Gates specific licences for these products. We would therefore appreciate your confirmation of any such licences you have.

Assuring you of our best attention at all times, we remain,

Yours faithfully
ACEDES GEAR TOOLS LIMITED

A HADWICK
MANAGING DIRECTOR

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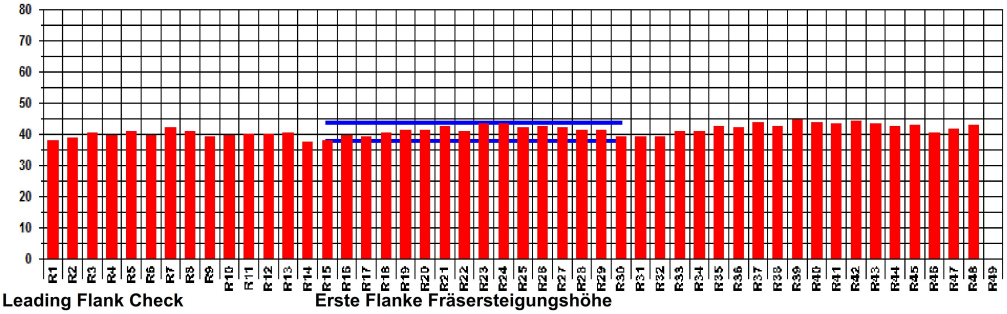
Inspection Results for Lead Checks, TOOL NO REF : 115-2132

Ground On : A1068
Checked On : Elec

BS 2062, Grade A, 0.3150" Pitch, 8.000 MM Pitch, Printed on 02/10/2015 at 09:11:17 Checked By PC

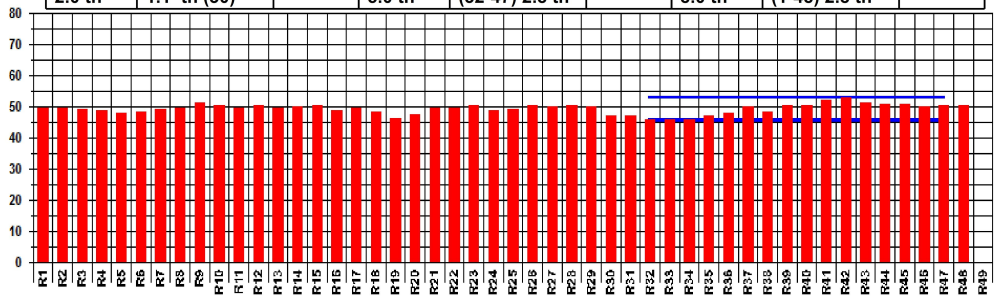
OD Check Rundlaufabweichung an den Zahnköpfen

T/Tooth Schneidk/Schneidk			frk 1 Convolution / Gangrichtung		
Tol	Act	Class	Tol	Act	Class
N/A	2.6 µm (14)	N/A	25.4 µm	(15-30) 5.8 µm	AA
N/A	1.0 th (14)		10.0 th	(15-30) 2.3 th	



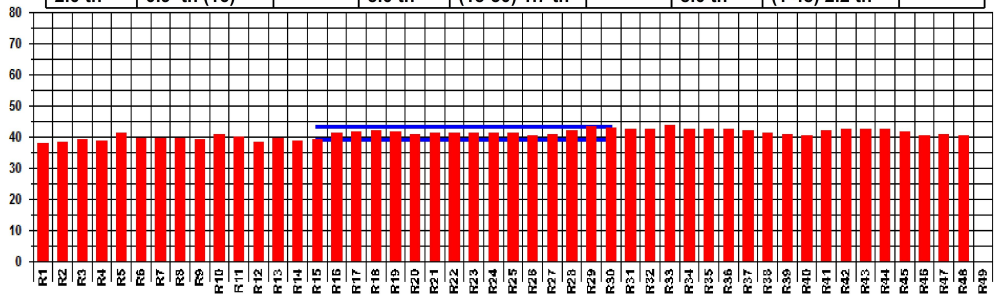
Leading Flank Check Erste Flanke Fräsersteigungshöhe

fHF T/Tooth Schneidk/Schneidk			FHF 1 Convolution / Gangrichtung			3 Convolution / Gangrichtung		
Tol	Act	Class	Tol	Act	Class	Tol	Act	Class
5.1 µm	2.9 µm (30)	AA	12.7 µm	(32-47) 7.1 µm	AA	20.3 µm	(1-48) 7.1 µm	AA
2.0 th	1.1 th (30)		5.0 th	(32-47) 2.8 th		8.0 th	(1-48) 2.8 th	



Following Flank Check Folgende Flanke Fräsersteigungshöhe

fHF T/Tooth Schneidk/Schneidk			FHF 1 Convolution / Gangrichtung			3 Convolution / Gangrichtung		
Tol	Act	Class	Tol	Act	Class	Tol	Act	Class
5.1 µm	2.3 µm (16)	AA	12.7 µm	(15-30) 4.3 µm	AA	20.3 µm	(1-48) 5.6 µm	AA
2.0 th	0.9 th (16)		5.0 th	(15-30) 1.7 th		8.0 th	(1-48) 2.2 th	



ACEDES GEAR TOOLS
(a division of Furzeland Ltd.)

Newbury, Berkshire, RG14 2DE, England
web:www.acedes.co.uk e-mail:sales@acedes.co.uk

Ver Build : 1.0.2.69

D

Component Data (ins)

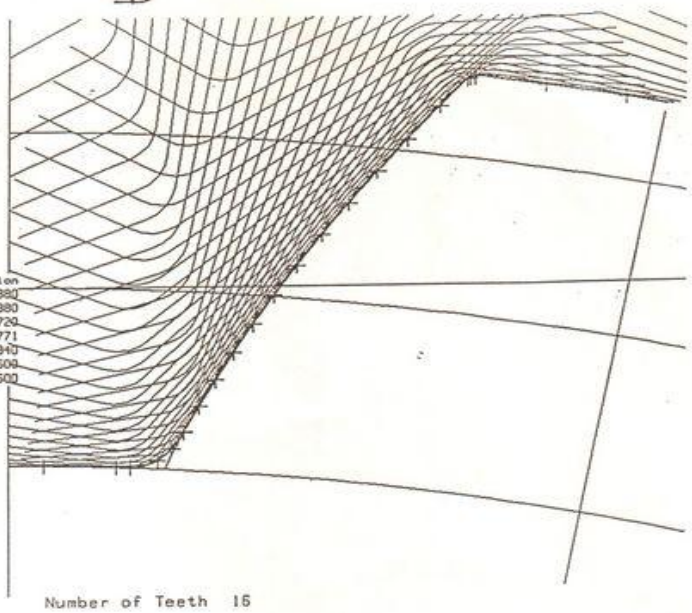
No T 16
Lead 0.00000
HA 0.000000
TP 0.216448
NP 0.216448
OD 1.16142
PCD 1.102362
RtD 1.03496
Add 0.02953
Ded 0.03370
Depth 0.06323

File PD1749 Loaded from :-
profiles/gear

PD 1749

Feature	X Position	Y Position
T 0.000000	0.000000	0.500380
A 90.000000		0.500380
R 0.200660	0.579504	0.299720
A 30.000000	0.984250	1.704771
R -0.200660	1.965318	-1.297940
A 90.000000		-1.498600
S 0.000000	2.748894	-1.498600

Hob File 2
Gen With Hob 2
No Compt Ords 48
Comp File 3



Number of Teeth 16

ACEDES Gear Tools Ltd

Graphics Scale :- x 40

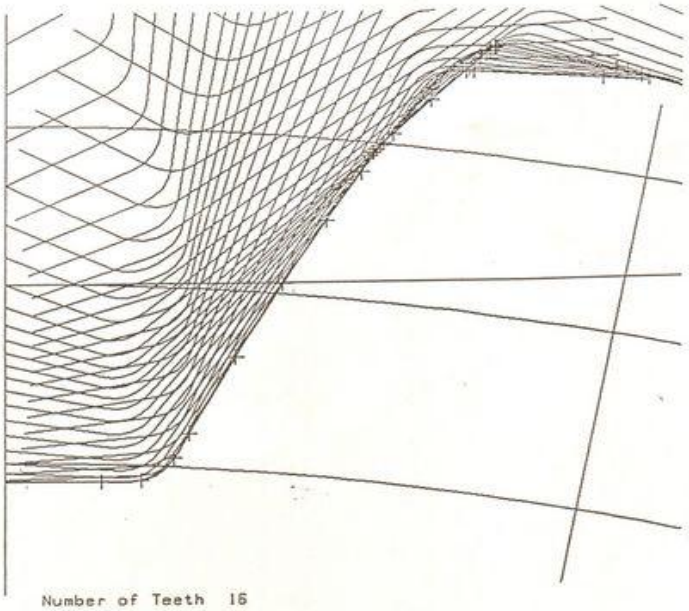
Component Data (ins)

No T 16
Lead 0.00000
HA 0.000000
TP 0.216448
NP 0.216448
OD 1.16142
PCD 1.102362
RtD 1.03496
Add 0.02953
Ded 0.03370
Depth 0.06323
Hobbed at:-
Roll D 1.102362
HA 0.000000
TP 0.216448
NP 0.216448

Hob Data (ins)

Pitch 0.216448
Des Add 0.0197
F Depth 0.0787
Min PR 30.00
Ref Add 0.0197
Ref Thk 0.0775
No Grds 19

Gen With Hob 2
TIR Run-Out 0.0070 ins
Angular Disp 0 deg
No Compt Ords 38
Comp File 4



Number of Teeth 16

ACEDES Gear Tools Ltd

Graphics Scale :- x 40

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Supreme - Timing Pulleys

	
	
	
	

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