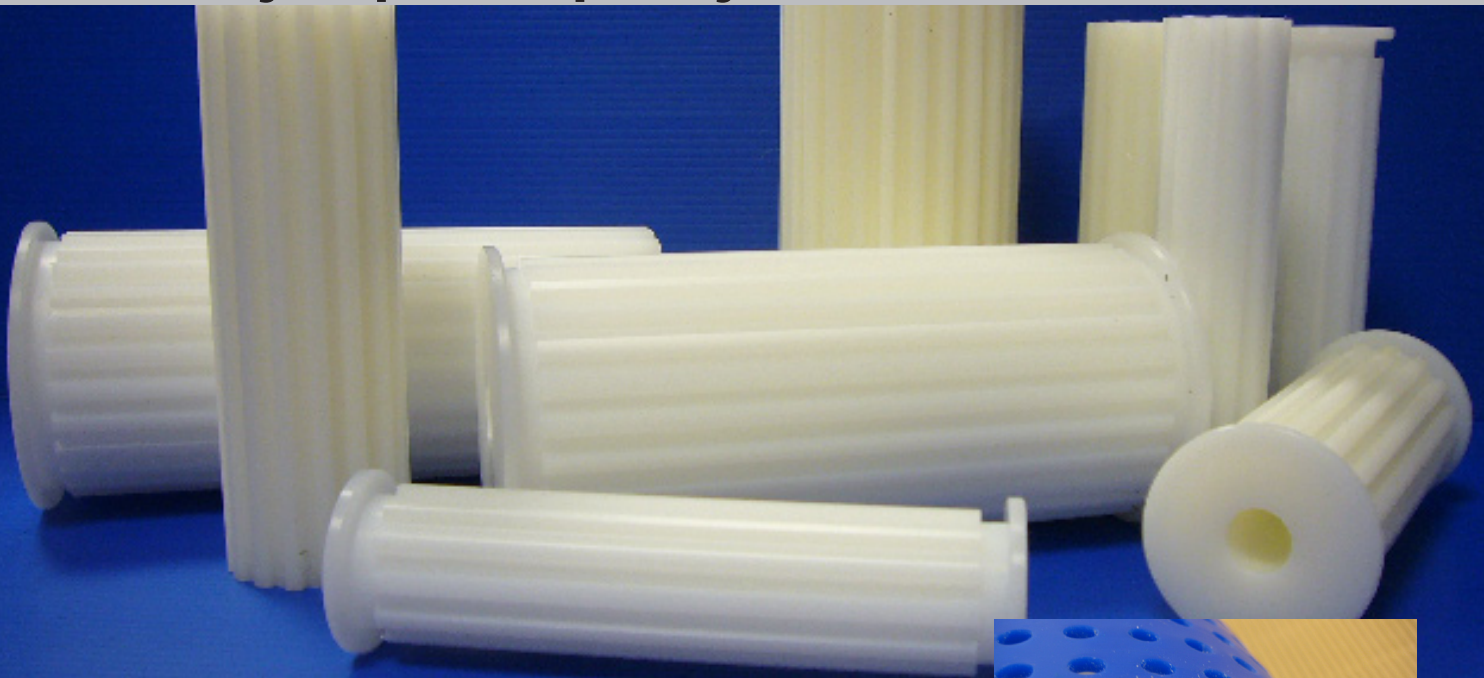


NEW

Ultrasync plastic pulleys



Ammeraal Beltech is a leading global manufacturer of process and conveyor belting. We deliver conveyor belt components, service and solutions for the manufacturing and conveying of products. In the last 55 years Ammeraal Beltech has developed into one of the largest suppliers of total solutions for process and conveyor belting applications.

Our success comes by managing the total development and supply chain through production, sales, distribution and service. The close co-operation with our customers and suppliers in a very wide range of applications is key to our success.

Ultrasync, the latest development in our extensive product range is a world first.

With Ultrasync belts, Ammeraal Beltech has combined all strong features of synthetic conveyor belts, plastic modular belts and timing belts with the added benefits of a comprehensive range of fabrications. Ultrasync belts are synchronous, driven by a standard T10 sprocket with a pitch of 10 mm.

With Ultrasync belts the following is possible:

- Exact positioning;
- Conveying in two directions;
- Low cost construction;
- Hygienic production.

Timing pulleys are required to drive Ultrasync belts. These pulleys can be manufactured from aluminum, cast iron, stainless steel and now also in synthetic material.

Ammeraal Beltech has a standard range of synthetic HDPE pulleys, which can be delivered from stock, such as:

- With and without flanges
- With bore or pilot bore
- With DIN key way
- With V-tracking groove

Furthermore upon customer's requests, all kinds of bespoke executions are possible.

The pulleys are constructed in such a way that conveyor construction is possible up to belt widths of 1000 mm.



Innovation & Service

Technical information

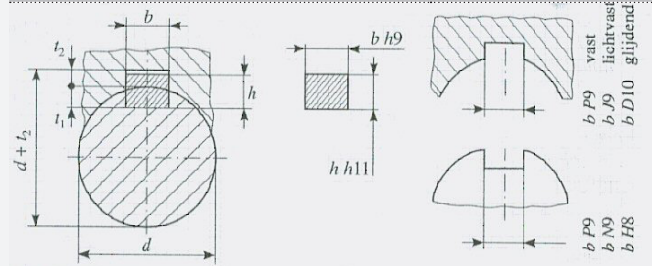
Ultrasync plastic pulleys for Ultrasync T10

Number of teeth	Outer diameter de	Effective diameter dp	Max. bore
12	36.4	38.2	24
14	42.7	44.6	30
16	49.1	50.9	36
20	61.8	63.7	50
26	80.9	82.8	68
32	100.0	101.9	88
36	112.7	114.6	98
40	125.5	127.3	110
48	151.0	152.8	124

Key ways

dimensions in mm; material generally St60 or C45k

Shaft diameter on top until	Key dimension wxh
6 - 8	2 x 2
8 - 10	3 x 3
10 - 12	4 x 4
12 - 17	5 x 5
17 - 22	6 x 6
22 - 30	8 x 7
30 - 38	10 x 8
38 - 44	12 x 8
44 - 50	14 x 9
50 - 58	16 x 10
58 - 65	18 x 11
65 - 75	20 x 12
75 - 85	22 x 14
85 - 95	25 x 14
95 - 110	28 x 16



Key dimensions in mm

Advantages of Ultrasync plastic pulleys are:

- 100% non-marking material
- Resistance to cleaning agents which are used in the food industry
- Standard relief groove when supplied with flanges
- Locking device with interference inserts and stainless steel bolt
- Lightweight / low torque
- Competitive pricing
- Quick delivery



Close-up of the pulley



Close-up of a pulley with locking screw