Features

- Trapezoidal tooth profile with metric pitches
- 8M HTD Taper Bore
- To suit 20mm Wide Belt
- Steel
- Maintains precise speed ratios, reducing wear and extending belt life

RS PRO Timing Belt Pulleys

8M HTD Taper Bore Pulleys – to suit 20mm Wide belt



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

RS PRO 8M HTD Taper Bore Pulleys are engineered for high-performance synchronous belt drives, featuring an 8 mm HTD tooth profile for superior torque transmission and smooth, low-noise operation. Designed for use with taper lock bushes, these pulleys allow quick installation and secure shaft fit without additional machining—ideal for demanding industrial applications.

Features

- High torque capability with optimized 8 mm HTD tooth profile for maximum power transmission.
- Taper bore design compatible with standard taper lock bushes for easy assembly and removal.
- Precision-machined grooves ensure accurate timing and zero slippage.
- Durable construction for long service life in harsh environments.
- Interchangeable with ISO/DIN standard HTD profiles.

Applications

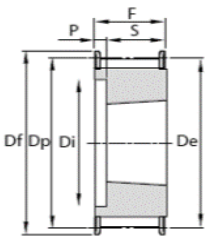
- Industrial machinery – conveyors, packaging, compressors.
- Robotics & CNC equipment – precision synchronization.
- Printers & textile machines – reliable, low-backlash motion.
- Light to Medium Duty drives – in conjunction with keyways or bushes, suitable for high-torque use.

Specifications

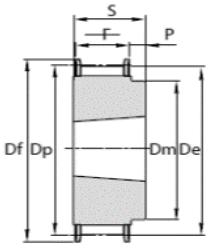
Series	8M HTD Taper Bore Pulleys – to suit 20mm Wide belt
Number of Teeth	Please see below table for details
Pitch	8mm
To suit belt width	20mm
Belt Pulley Type	Timing Belt Pulleys
Bore type	Taper Bore
Bore	Please see below table for details (d)
Overall Diameter	Please see below table for details (Df)
Number Of Grooves	Not applicable
Materials	Please see below table for details
Flanges	Please see below table for details

Specifications

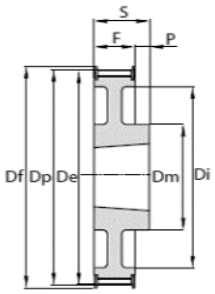
Taper Bore



TYPE 2F



TYPE 5F



TYPE 6F

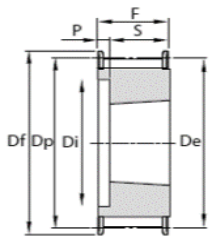


*Dimensions below in mm

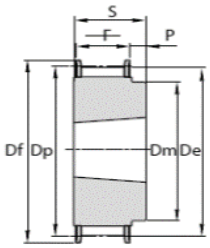
Key to Standard Diagram	
De	External diameter of teeth
B	Bush Type
Dp	Pitch diameter
Df	Flange diameter
Dm	Hub diameter
F	Width over flanges
L	Overall width (or length through bore)
d	Bore diameter
Material	Steel

RS Article	MPN	Number of Teeth	Type	B	Dp	De	Df	Dm	Di	F	S	P	No. Flanges
182969	HT24-8M-20F	24	2F	1108	61.12	59.75	66	-	44	28	22	6	2
183287	HT28-8M-20F	28	2F	1108	71.30	70.08	75	-	50	28	22	6	2
183293	HT30-8M-20F	30	2F	1108	76.39	75.13	83	-	58	28	22	6	2
183300	HT32-8M-20F	32	2F	1610	81.49	80.16	87	-	63	28	25	3	2

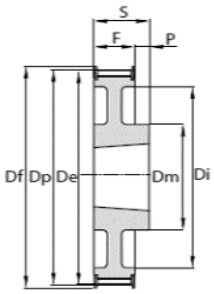
Taper Bore



TYPE 2F



TYPE 5F



TYPE 6F

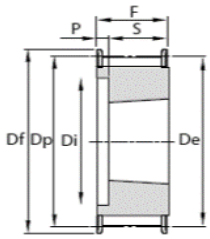


Key to Standard Diagram	
De	External diameter of teeth
Dp	Pitch diameter
Df	Flange diameter
Dm	Hub diameter
F	Width over flanges
L	Overall width (or length through bore)
d	Bore diameter
Material	Aluminium

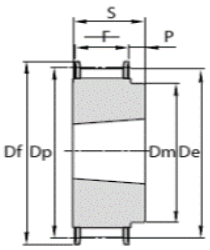
*Dimensions below in mm

RS Article	MPN	Number of Teeth	Type	B	Dp	De	Df	Dm	Di	F	S	P	No. Flanges
183316	HT48-8M-20F	48	5F	2012	122.23	120.86	128	96	-	28	32	4	2

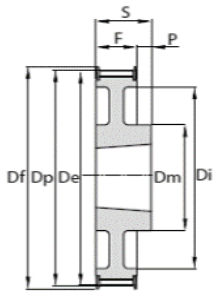
Taper Bore



TYPE 2F



TYPE 5F



TYPE 6F



Key to Standard Diagram	
De	External diameter of teeth
Dp	Pitch diameter
Df	Flange diameter
Dm	Hub diameter
F	Width over flanges
L	Overall width (or length through bore)
d	Bore diameter
Material	Aluminium

*Dimensions below in mm

RS Article	MPN	Number of Teeth	Type	B	Dp	De	Df	Dm	Di	F	S	P	No. Flanges
184280	HT72-8M-20F	72	6F	2012	183.35	181.97	192	110	158	28	32	4	2