

MATERIAL:

Body – Die-Cast Aluminum

Head – Low-Friction Special Wear-Resistant Polyethylene (UHMW-PE)
 (Dynamic Coefficient: 0.06 on Dry Steel)

MAX. OPERATING TEMPERATURE:

65°C (149°F)

All dimensions are in mm unless otherwise noted.

Catalog Number	Chain Pitch
QCT-GA03	3/8" x 7/32"
QCT-GA04	1/2" x 5/16"
QCT-GA05	5/8" x 3/8"
QCT-GA06	3/4" x 7/16"



Quality Transmission Components

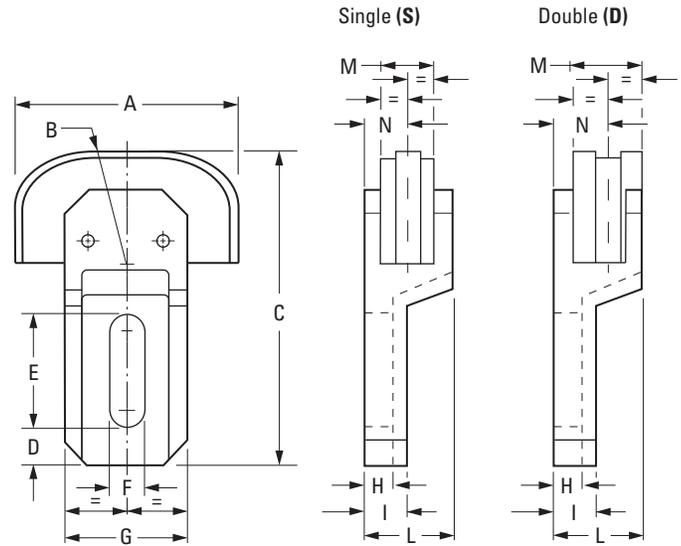


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TF Type Tensioners

www.econobelt.com



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Body – Die-Cast Aluminum
 Head – Low-Friction Special Wear-Resistant Polyethylene (UHMW-PE)
 (Dynamic Coefficient: 0.06 on Dry Steel)

MAX. OPERATING TEMPERATURE:

65°C (149°F)

All dimensions are in mm unless otherwise noted.

Catalog Number	Chain Pitch	A	B	C	D	E	F	G	H	I	L	M	N
QCT-TF103S QCT-TF103D	3/8" x 7/32"	70	35	140	10	73	11	40	10	15	30	20	15
QCT-TF104S QCT-TF104D	1/2" x 5/16"											20	15
QCT-TF205S QCT-TF205D	5/8" x 3/8"	90	45	164	12	86	13	50	12	18	35.5	22	18
QCT-TF206S QCT-TF206D	3/4" x 7/16"											25	19.5
QCT-TF206S QCT-TF206D	3/4" x 7/16"											22	18
QCT-TF308S QCT-TF308D*	1" x 17 mm	110	55	173	12	83	13	60	14	20	40	25	20
QCT-TF310S QCT-TF310D*	1-1/4" x 3/4"											46	30.5
QCT-TF312S QCT-TF312D*	1-1/2" x 1"											25	20
												46	30.5

*The polyethylene head for this size is a semicircular shape.

Quality Transmission Components



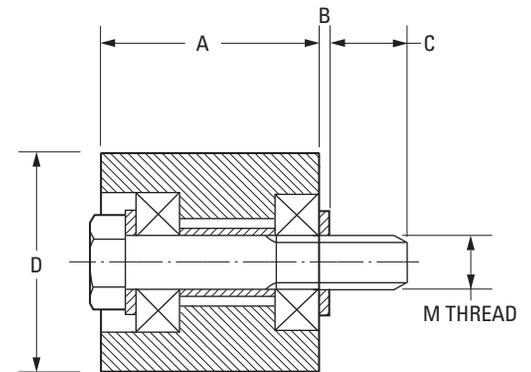
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BELT & CHAIN TENSIONERS
 TC
 RH
 ET
 Orient-1
 NT
 TO
 TA
 GA
 TF
 Heads
 Sprockets



With Ball Bearing Supports



MATERIAL:

Steel, Aluminum or Nylon

All dimensions are in mm unless otherwise noted.

Catalog Number			A	B	C	D	M
Steel	Aluminum	Nylon					
QBT-H-PU3035C *	QBT-H-PU3035A *	QBT-H-PU3035N	35	2.5	13.5	30	M8
		QBT-H-PU4045N	45	2	16	40	M10
QBT-H-PU5050C	QBT-H-PU5050A	QBT-H-PU5050N	50	2.5	18	50	M12
QBT-H-PU6060C	QBT-H-PU6060A	QBT-H-PU6060N	60	2.5	18	60	M12
QBT-H-PU8090C	QBT-H-PU8090A	QBT-H-PU8090N	90	2.5	18	80	M12

*Not Available.

NOTE: Washers, nut and bolt supplied with rollers.



Quality Transmission Components

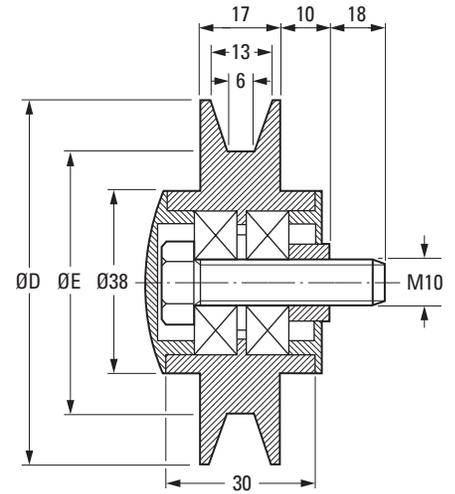
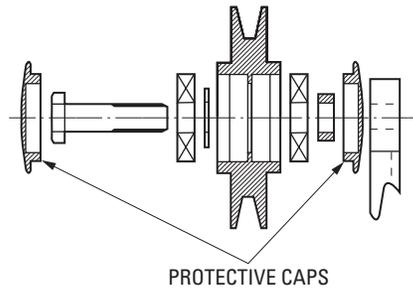


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For 6 mm V-Belts
PUG Type Pulleys

Pulley with bearings



MATERIAL:

Black, Polyamide-6

MAX. OPERATING TEMPERATURE:

100°C (212°F)

All dimensions are in mm unless otherwise noted.

Catalog Number	ØD	ØE
QBT-H-PUG03	76.5	50
QBT-H-PUG04	101.6	75

Quality Transmission Components 

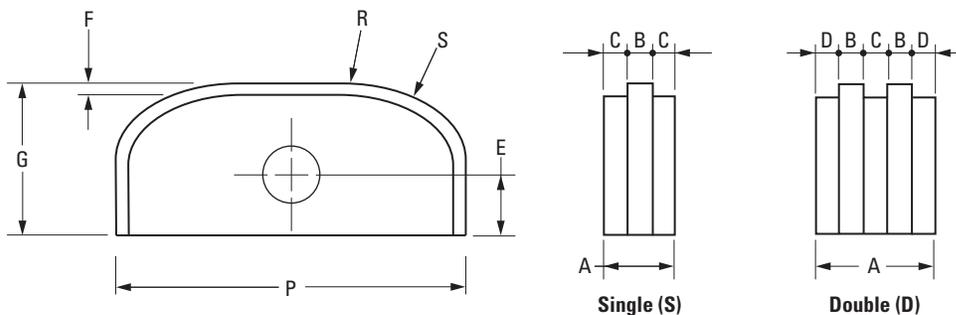


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BELT & CHAIN TENSIONERS
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P Type Tensioner Heads



MATERIAL:
Polyethylene (UHMW-PE)

All dimensions are in mm unless otherwise noted.

Catalog Number	Chain Pitch	A	B	C	D	E	F	G	P	R	S
QCT-H-P03S QCT-H-P03D	3/8" x 7/32"	20	5	7.5 5.5	– 2.25	10	3	34	70	100	20
QCT-H-P04S QCT-H-P04D	1/2" x 5/16"	20	6.5 6.25	6.75 7.5	–	10	3.5	34	70	100	20
QCT-H-P05S QCT-H-P05D	5/8" x 3/8"	22 25	8.5	6.75 8	–	14.5	3.5	44	90	120	20
QCT-H-P06S QCT-H-P06D	3/4" x 7/16"	22	10	6	–	14.5	4	44	90	120	20
QCT-H-P08S QCT-H-P08D	1" X 17 mm	25	15	5	–	19	5	54	110	140	25

NOTE: Washers, nut and bolt supplied with tensioner head.



Quality Transmission Components



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For 3/8" to 1" Pitch Roller Chains
AC Type Idler Sprockets



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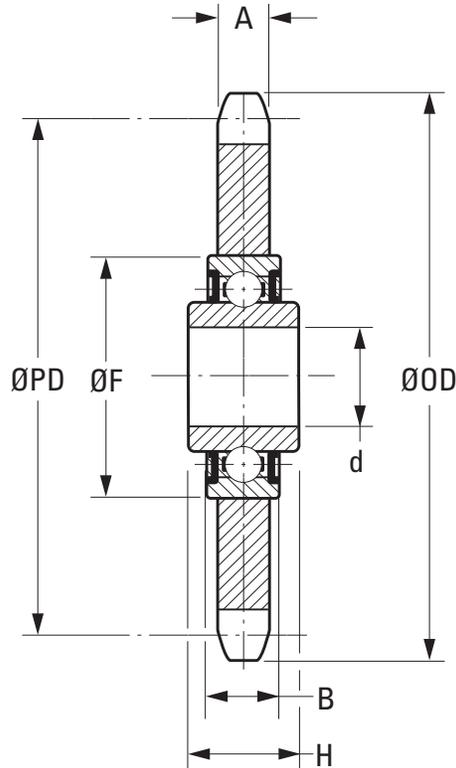
TF

Heads

Sprockets



MATERIAL:
Steel



All dimensions are in mm unless otherwise noted.

Catalog Number	Pitch	No. of Teeth	Outside Diameter ØOD	Pitch Diameter ØPD	A	d	ØF	B	H
QCT-H-AC03	3/8" x 7/32"	21	68	63.9	5.3				
QCT-H-AC04	1/2" x 5/16"	16	69.5	65.1	7.2				
QCT-H-AC05	5/8" x 3/8"	17	93	86.39	9.1				
QCT-H-AC06	3/4" x 7/16"	15	99.8	91.63	11.1				
QCT-H-AC08	1" x 17 mm	12	109	98.14	16.2	16 ^{+0.26} _{+0.13}	40	12	18.3
						20 ^{+0.01}	47	14	17.7

NOTE: Washers, nut and bolt supplied with sprocket.

Quality Transmission Components



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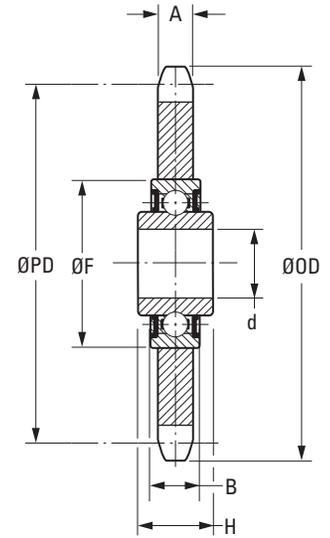
For 3/8" to 1" Pitch Roller Chains
PT Type Idler Sprockets



With Hardened Teeth



MATERIAL:
 Steel, Hardened Teeth (HRC 50)



All dimensions are in mm unless otherwise noted.

Catalog Number	Pitch	No. of Teeth	Outside Diameter ØOD	Pitch Diameter ØPD	A	d	ØF	B	H
QCT-H-PT03	3/8" x 7/32"	21	68	63.9	5.3	16 ^{+0.26} _{+0.13}	40	12	18.3
QCT-H-PT04	1/2" x 5/16"	16	69.5	65.1	7.2				
QCT-H-PT05	5/8" x 3/8"	17	93	86.39	9.1				
QCT-H-PT06	3/4" x 7/16"	15	99.8	91.63	11.1				
QCT-H-PT08	1" x 17 mm	12	109	98.14	16.2	20 ^{+0.01}	47	14	17.7

NOTE: Washers, nut and bolt supplied with sprocket.



Quality Transmission Components



Distribuye:

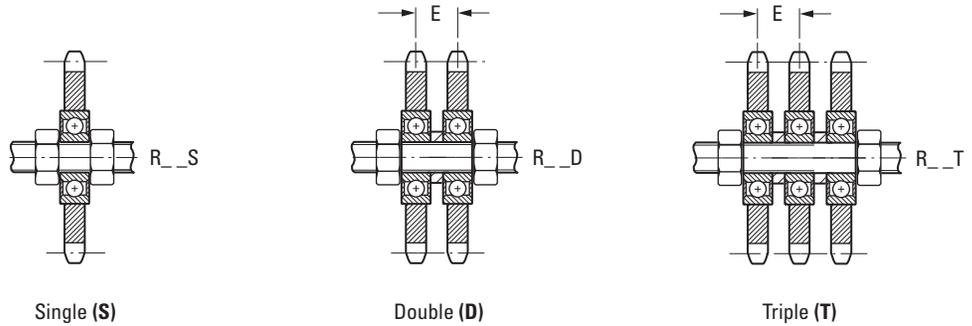
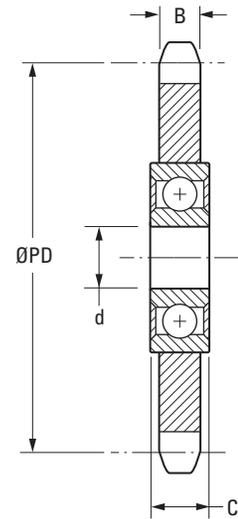
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For 3/8" to 1" Pitch Roller Chains
R Type Idler Sprockets

With Ball Bearing Supports



MATERIAL:
Steel



All dimensions are in mm unless otherwise noted.

Catalog Number	Chain Pitch	No. of Teeth	d	B	C	Pitch Diameter ØPD	E	Weight (kg)
QCT-H-R03S	3/8" X 7/32"	15	10	5.2	9	45.81	-	0.06
QCT-H-R03D							10.2	0.12
QCT-H-R03T							10.2	0.18
QCT-H-R04S	1/2" X 5/16"	15	10	7	9	61.08	-	0.15
QCT-H-R04D							13.9	0.30
QCT-H-R04T							13.9	0.45
QCT-H-R05S	5/8" x 3/8"	15	12	9	12	76.36	-	0.27
QCT-H-R05D							16.5	0.54
QCT-H-R05T							16.5	0.81
QCT-H-R06S	3/4" x 7/16"	15	12	10.8	12	91.63	-	0.47
QCT-H-R06D							19.4	0.94
QCT-H-R06T							19.4	1.41
QCT-H-R08S	1" x 17 mm	13	20	15.8	15	106.14	-	0.88
QCT-H-R08D							31.8	1.76
QCT-H-R08T							31.8	2.64

NOTE: Washers, nut and bolt supplied with sprocket.

Quality Transmission Components



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