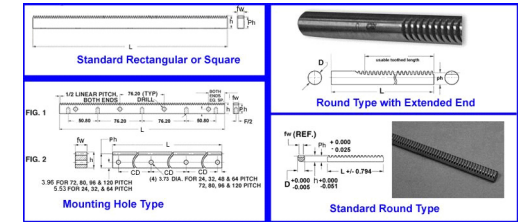




MBA

Hobby Gears - Racks



A small selection of popular sizes.

Metric racks only shown in this list. See main listings for sizes not shown here.

To work out the pitch diameter of a matching a spur gear, multiply the no of teeth by the module.

A module 0.5 spur gear with 20 teeth has a pitch diameter of 10mm.

A module 1 spur gear with 20 teeth has a pitch diameter of 20mm.

A module 2 spur gear with 20 teeth has a pitch diameter of 40mm.

Hobby Gears - Racks

Part Number	Length (L) mm	Face Width (fw) mm	Height (h) mm	Pitch Height (ph) mm	Pressure Angle Deg.	Material	Precision	Mounting Holes	Shape	Pitch
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>						
# GR040-0150-0480-0950-BR	150	4.800	9.500	9.130	20	Brass	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.4
	<i>5.906</i>	<i>0.189</i>	<i>0.374</i>	<i>0.359</i>						
# GR050-0150-0480-0950-CS	150	4.800	9.500	9.030	20	Carbon Steel	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.5
	<i>5.906</i>	<i>0.189</i>	<i>0.374</i>	<i>0.356</i>						

Indicates item not stocked at time of printing - Please enquire for lead time

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Hobby Gears - Racks

Part Number	Length (L) mm <i>inches</i>	Face Width (fw) mm <i>inches</i>	Height (h) mm <i>inches</i>	Pitch Height (ph) mm <i>inches</i>	Pressure Angle Deg.	Material	Precision	Mounting Holes	Shape	Pitch
GR080-0150-0630-1270-BR	150 <i>5.906</i>	6.300 <i>0.248</i>	12.700 <i>0.500</i>	11.900 <i>0.469</i>	20	Brass	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.8
GR100-0150-0790-0790-BR	150 <i>5.906</i>	7.900 <i>0.311</i>	7.900 <i>0.311</i>	6.940 <i>0.273</i>	20	Brass	ISO 8 (AGMA Q9)	None	Square	Mod 1
# GR050-0200-0300-0800-BR	200 <i>7.874</i>	3.000 <i>0.118</i>	8.000 <i>0.315</i>	7.500 <i>0.295</i>	20	Brass	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.5
# GR030-0200-0300-0800-BR	200 <i>7.874</i>	3.000 <i>0.118</i>	8.000 <i>0.315</i>	7.700 <i>0.303</i>	20	Brass	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.3
GR050-0250-0400-0450-AC	250 <i>9.843</i>	4.000 <i>0.157</i>	4.500 <i>0.177</i>	4.000 <i>0.157</i>	20	Acetal (Moulded)	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.5
GR125-0250-1000-1100-AC	250 <i>9.843</i>	10.000 <i>0.394</i>	11.000 <i>0.433</i>	9.750 <i>0.384</i>	20	Acetal (Moulded)	ISO 8 (AGMA Q9)	None	Rectangular	Mod 1.25
GR150-0250-1200-1200-AC	250 <i>9.843</i>	12.000 <i>0.472</i>	12.000 <i>0.472</i>	10.500 <i>0.413</i>	20	Acetal (Moulded)	ISO 8 (AGMA Q9)	None	Square	Mod 1.5
GR200-0250-1540-1100-AC	250 <i>9.843</i>	15.400 <i>0.606</i>	11.000 <i>0.433</i>	9.000 <i>0.354</i>	20	Acetal (Moulded)	ISO 8 (AGMA Q9)	None	Rectangular	Mod 2

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Hobby Gears - Racks

Part Number	Length (L) mm	Face Width (fw) mm	Height (h) mm	Pitch Height (ph) mm	Pressure Angle Deg.	Material	Precision	Mounting Holes	Shape	Pitch
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>						
GR300-0250-1940-1500-AC	250	19.400	15.000	12.000	20	Acetal (Moulded)	ISO 8 (AGMA Q9)	None	Rectangular	Mod 3
	<i>9.843</i>	<i>0.764</i>	<i>0.591</i>	<i>0.472</i>						
# GR050-0300-0480-0480-BR	300	4.800	4.800	4.260	20	Brass	ISO 8 (AGMA Q9)	None	Square	Mod 0.5
	<i>11.811</i>	<i>0.189</i>	<i>0.189</i>	<i>0.168</i>						
GR040-0300-0480-0950-CS	300	4.800	9.500	9.130	20	Carbon Steel	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.4
	<i>11.811</i>	<i>0.189</i>	<i>0.374</i>	<i>0.359</i>						
GR080-0300-0630-1270-BR	300	6.300	12.700	11.900	20	Brass	ISO 8 (AGMA Q9)	None	Rectangular	Mod 0.8
	<i>11.811</i>	<i>0.248</i>	<i>0.500</i>	<i>0.469</i>						
GR100-0300-0790-1590-BR	300	7.900	15.900	14.880	20	Brass	ISO 8 (AGMA Q9)	None	Rectangular	Mod 1
	<i>11.811</i>	<i>0.311</i>	<i>0.626</i>	<i>0.586</i>						

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