SunShine

HUBS FOR BICYCLES
SANSHIN MATSUMOTO
WORKS CO., LTD.

CATALOG-3



SANSHIN MATSUMOTO WORKS CO.,LTD.

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PROFESSIONAL ROAD MODEL

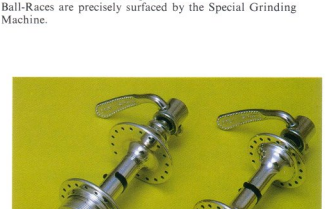


PROFESSIONAL Large Flange

Front and Rear Racing Hubs J.B.G. Model No. 77-5
SPECIFICATIONS
Type: Large Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Jewel-Buffing (Hub Shell)
Spoke Holes: 28H 32H 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.72" (120m/m)/5-speed
Rear Hub 4.96" (126m/m)/6-speed
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English), 34.7×1.0M (French)
Weight: Front Hub 9.2 ozs. (260 gms.)
Rear Hub 11.8 ozs. (335 gms.)
Note: Ball-Races are precisely surfaced by the Special Grinding Machine.

PROFESSIONAL Small Flange

Front and Rear Racing Hubs J.B.G. Model No. 77-6
SPECIFICATIONS
Type: Small Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Jewel-Buffing (Hub Shell)
Spoke Holes: 28H 32H 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.72" (120m/m)/5-speed
Rear Hub 4.96" (126m/m)/6-speed
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English), 34.7×1.0M (French)
Weight: Front Hub 8.3ozs. (235gms.)
Rear Hub 10.9ozs. (310gms.)
Note: Ball-Races are precisely surfaced by the Special Grinding Machine.



PROFESSIONAL BEARING ROAD MODEL



PROFESSIONAL-BEARING

Front and Rear Racing Hubs J.B.G. Model No. 79-3
SPECIFICATIONS
Type: Small Flange - Quick Release - Radial Ball Bearing
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Jewel-Buffing (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.72" (120m/m)/5-speed
Rear Hub 4.96" (126m/m)/6-speed
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 8.8ozs. (251gms.)
Rear Hub 12.3ozs. (349gms.)
Note: This Professional Hub has Radial Ball-Bearing for Cup and Cone.

PROFESSIONAL TRACK MODEL

PROFESSIONAL Large Flange

Front and Rear Racing Hubs J.B.G. Model No. 78-2
SPECIFICATIONS
Type: Large Flange- Solid Spindle- Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Steel (Spindle)
Surface Finish: Jewel-Buffing (Hub Shell)
Spoke Holes: 28H 32H 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.33" (110m/m), 4.72" (120m/m)
Thread Type and Thread:
One Side Thread, Both Side Thread
B.C. 1.37"×24T.P.I. (English)/Racing Sproket
B.C 1.29"×24T.P.I. (English)/Lock Ring
Slot Width of Fork End:
Front Hub 0.35" (9m/m)-Rear Hub 0.39" (10m/m)
Front Hub 0.31" (8m/m)-Rear Hub 0.31" (8m/m)
Weight: Front Hub 8.0ozs. (227gms.)
Rear Hub 10.0ozs. (283gms.)
Note: Ball-Races are precisely surfaced by the Special Grinding Machine.
Lock-Ring is a left-handed thread.





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PROFESSIONAL Small Flange

Front and Rear Racing Hubs J.B.G. Model No. 78-3
SPECIFICATIONS
Type: Small Flange- Solid Spindle- Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell) Steel
Steel (Spindle)
Surface Finish: Jewel-Buffing (Hub Shell)
Spoke Holes: 28H 32H 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.33" (110m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)/Racing Sproket
B.C 1.29"×24T.P.I. (English)/Lock Ring
Slot Width of Fork End:
Front Hub 0.35" (9m/m)-Rear Hub 0.39" (10m/m)
Front Hub 0.31" (8m/m)-Rear Hub 0.31" (8m/m)
Weight: Front Hub 7.1ozs. (200gms.)
Rear Hub 9.7ozs. (275gms.)
Note: Ball-Races are precisely surfaced by the Special Grinding Machine.
Lock-Ring is a left-handed thread.

PRO-AM ROAD MODEL



PRO-AM Large Flange

Front and Rear Racing Hubs J.B.G. Model No. 75-2
SPECIFICATIONS
Type: Large Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Suface Finish: Jewel-Anodized (Hub Shell)
Spoke Holes: 28H 32H 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.72" (120m/m)/5-speed
Rear Hub 4.96" (126m/m)/6-speed
Thread Type and Thread: One Side Thread
B.C.I. 37"×24T.P.I. (English), 34.7×1.0M (French)
Weight: Front Hub 9.4ozs. (267gms.)
Rear Hub 12.1ozs. (345gms.)
Note: Ball-Races are precisely surfaced by the Special Grinding Machine.



PRO-AM Small Flange

Front and Rear Racing Hubs J.B.G. Model No. 75-1
SPECIFICATIONS
Type: Small Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Jewel-Anodized (Hub Shell)
Spoke Holes: 28H 32H 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.72" (120m/m)/5-speed
Rear Hub 4.96" (126m/m)/6-speed
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English), 34.7×1.0M (French)
Weight: Front Hub 8.4ozs. (237gms.)
Rear Hub 11.8ozs. (335gms.)
Note: Ball-Races are precisely surfaced by the Special Grinding Machine.

GYROMASTER ROAD MODEL



GYROMASTER Large Flange

Front and Rear Racing Hubs J.B.G. Model No. 76-5
SPECIFICATIONS
Type: Large Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (spindle), Steel (Quick Release Set)
Surface Finish: Buffing (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions:
Front Hub 3.78" (96m/m), 3.94" (100m/m)
Rear Hub 4.72" (120m/m)/5-speed
Rear Hub 4.96" (126m/m)/6-speed
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 8.9ozs. (253gms.)
Rear Hub 12.3ozs. (348gms.)
Note: Ball-Races are surfaced by the grinder.



GYROMASTER Small Flange

Front and Rear Racing Hubs J.B.G. Model No. 78-1
SPECIFICATIONS
Type: Small Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Buffing (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions:
Front Hub 3.78" (96m/m), 3.94" (100m/m)
Rear Hub 4.72" (120m/m)/5-speed
Rear Hub 4.96" (126m/m)/6-speed
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 8.3ozs. (234gms.)
Rear Hub 11.8ozs. (335gms.)
Note: Ball-Races are surfaced by the grinder.

SunShine REGULAR

Cold-Forged Light Alloy Group



Front and Rear Hubs J.B.G. Model No. 73-5
SPECIFICATIONS
Type: Large Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Thin Barrels. (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 9.6ozs. (270gms.)
Rear Hub 12.7ozs. (360gms.)



Front and Rear Hubs J.B.G. Model No. 79-1
SPECIFICATIONS
Type: Small Flange - Quick Release - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Thin Barrels (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 8.5ozs. (240gms.)
Rear Hub 12.7ozs. (360gms.)



Front and Rear Hubs J.B.G. Model No. 68-2
SPECFICATIONS
Type: Large Flange - Solid Spindle - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Steel (Spindle)
Surface Finish: Thin Barrels. (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.78" (96m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 7.1ozs. (200gms.)
Rear Hub 10.9ozs. (310gms.)



Front and Rear Hubs J.B.G. Model No. 67-3
SPECIFICATIONS
Type: Semi - Large Flange
-Solid Spindle - Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
Steel (Spindle)
Surface Finish: Thin Barrels (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.66" (93m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (Endlish)
Weight: Front Hub 6.7ozs. (190gms.)
Rear Hub 11.3ozs. (320gms.)

Front and Rear Hubs J.B.G. Model No. 81-2
SPECIFICATIONS
Type: Small Flange - Solid Spindle - Chub Shell)
Material: Cold-Forged Light Alloy (Hub Shell)
Steel (Spindle).
Surface Finish: Thin Barrels (Hub Shell)
Spoke Holes: 28H 36H
Over Lock Nut Dimensions: Front Hub 3.66" (93m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 5.7ozs. (160gms.)
Rear Hub 11.3ozs. (320gms.)



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REGULAR * SMH-10

Monoblock-Casted Light Alloy Group



Front and Rear New Material Hubs
J.B.G. Model No.

SPECIFICATIONS
Type: Small Flange - Quick Release - Cup and Cone
Material: Monoblock-Casted Light Alloy (Hub Shell)
Cr-Mo Steel (Spindle), Steel (Quick Release Set)
Surface Finish: Lathe Turning Finish (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.94" (100m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 8.8ozs. (250gms.)
Rear Hub 12.0ozs. (340gms.)



Front and Rear New Material Hubs
J.B.G. Model No.

SPECIFICATIONS
Type: Small Flange - Solid Spindle - Cup and Cone
Material: Monoblock-Casted Light Alloy (Hub Shell)
Steel (Spindle)
Surface Finish: Lathe Turning Finish (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.66" (93m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 6.3ozs. (180gms.)
Rear Hub 10.2ozs. (290gms.)

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REGULAR

Pressed Steel Group



Front and Rear Hubs J.B.G. Model No. 66-5
SPECIFICATIONS
Type: Semi - Large Flange
-Solid Spindle - Cup and Cone
Material: Pressed Steel
Surface Finish: Chromium Plating
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.66" (93m/m)
Rear Hub 4.88" (124m/m), 4.96" (126m/m)
Thread Type and Thread: One Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 7.8ozs. (220gms.)
Rear Hub 13.8ozs. (390gms.)



Front and Rear Hubs J.B.G. Model No. 68-1
SPECIFICATIONS
Type: Small Flange - Solid Spindle - Cup and Cone
Material: Pressed Steel
Surface Finish: Chromium Plating
Spoke Holes: 28H 36H
Over Lock Nut Dimensions:
Front Hub 3.66" (93m/m)
Rear Hub 4.49" (114m/m)
Thread Type and Thread: Both Side Thread
B.C 1.37"×24T.P.I. (English)
Weight: Front Hub 7.1ozs. (200gms.)
Rear Hub 14.5ozs. (410gms.)

BMX Cold-Forged Light Alloy



Front and Rear Hubs J.B.G. Model No. 79-2
SPECIFICATIONS
Type: Large Flange (Front Hub),
Semi・Large Flange (Rear Hub)
-Solid Spindle-Cup and Cone
Material: Cold-Forged Light Alloy (Hub Shell)
High-Carbon Steel (Rear Spindle)
Surface Finish: Anodized (Hub Shell)
Spoke Holes: 36H
Over Lock Nut Dimensions: Front Hub 3.66" (93m/m)
Rear Hub 4.33" (110m/m)
Thread Type and Thread: Both Side Thread
B.C 1.37"×24T.P.I. (English); 30.0×1.0M (French)
Weight: Front Hub 9.6ozs. (270gms.)
Rear Hub 9.9ozs. (280gms.)
Note: Anodized-Red, Gold, Black or Blue Finish is made to order.



RACING HUBS SPECIFICATION CHART

UNIT: m/m

●ROAD MODEL	Front / Rear	Weight	Over Rock Nut Dimensions	Type	Thread	Spoke Hole Diameter	Flange Diameter	Spoke Holes
PROFESSIONAL LARGE FLANGE	Front	9.2ozs. (260gms.)	100	Quick Release Cup and Cone		$2.3^{+0.1}_{-0.2}$	75	28H・32H 36H
	Rear	11.8ozs. (335gms.)	120 126		BC1.37"×24T.P.I. 34.7×1.0M	$2.3^{+0.1}_{-0.2}$	75	
PROFESSIONAL SMALL FLANGE	Front	8.3ozs. (235gms.)	100	Quick Release Cup and Cone		$2.3^{+0.1}_{-0.2}$	46	28H・32H 36H
	Rear	10.9ozs. (310gms.)	120 126		BC1.37"×24T.P.I. 34.7×1.0M	$2.3^{+0.1}_{-0.2}$	52	
PROFESSIONAL BEARING SMALL	Front	8.8ozs. (251gms.)	100	Quick Release Bearing		$2.3^{+0.1}_{-0.2}$	46	36H
	Rear	12.3ozs. (349gms.)	120 126		BC1.37"×24T.P.I.	$2.3^{+0.1}_{-0.2}$	52	
PRO-AM LARGE FLANGE	Front	9.4ozs. (267gms.)	100	Quick Release Cup and Cone		2.4 ± 0.1	75	28H・32H 36H
	Rear	12.1ozs. (345gms.)	120 126		BC1.37"×24T.P.I. 34.7×1.0M	2.4 ± 0.1	75	
PRO-AM SMALL FLANGE	Front	8.4ozs. (237gms.)	100	Quick Release Cup and Cone		2.4 ± 0.1	42.5	28H・32H 36H
	Rear	11.8ozs. (335gms.)	120 126		BC1.37"×24T.P.I. 34.7×1.0M	2.4 ± 0.1	56	
GYROMASTER LARGE FLANGE	Front	8.3ozs. (253gms.)	96 100	Quick Release Cup and Cone		2.5 ± 0.1	71.5	36H
	Rear	12.3ozs. (348gms.)	120 126		BC1.37"×24T.P.I.	2.5 ± 0.1	71.5	
GYROMASTER SMALL FLANGE	Front	8.30ozs. (234gms.)	96 100	Quick Release Cup and Cone		2.5 ± 0.1	42.5	36H
	Rear	11.8ozs. (335gms.)	120 126		BC1.37"×24T.P.I.	2.5 ± 0.1	56	
●TRACK MODEL	**Front / Rear**	**Weight**	**Over Rock Nut Dimensions**	**Type**	**Thread**	**Spoke Hole Diameter**	**Flange Diameter**	**Spoke Holes**
PROFESSIONAL LARGE FLANGE	Front	8.0ozs. (227gms.)	100	Solid Spindle Cup and Cone		$2.3^{+0.1}_{-0.2}$	75	28H・36H 36H
	Rear	10.0ozs. (283gms.)	110 120		BC1.37"×24T.P.I. BC1.29"×24T.P.I.(L)	$2.3^{+0.1}_{-0.2}$	75	
PROFESSIONAL SMALL FLANGE	Front	7.1ozs. (200gms)	100	Solid Spindle Cup and Cone		$2.3^{+0.1}_{-0.2}$	46	28H・32H 36H
	Rear	9.7ozs. (275gms.)	110 120		BC1.37"×24T.P.I. BC1.29"×24T.P.I.(L)	$2.3^{+0.1}_{-0.2}$	52	

SANSHIN MATSUMOTO