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### **Hubs & Bearings**



# RUNNING GEAR & WHEEL EQUIPMENT

P1258 Hub cap Grey 76mm. For trailers with bolt on knott brakes and 76mm bearings 1996 onwards. Damaged or missing hub caps should be replaced as soon as possible to avoid potential contamination of the unitised bearing.

F1014Z Stake Nut M30. With flange.

F1016 Stake Nut. Fitted to the Unbraked Eurolight & Q Range.

F1951 Circlip. 76mm internal (bearing retainer) circlip - for the current production type bearing.

type bearing

P00002

KS0828

Bearing. Unitized bearing for hubs with a 76mm bore. Fitted since January 1996. This bearing is sealed for life and should not be disassembled.

P00003 Bearing. Fitted to the Unbraked Eurolight & Q Range.

#### **HUB KITS**

These hub kits will suit all braked trailers manufactured since January 1996 and originally fitted with the P00002 bearing.

KS0825 Hub kit. 200 x 50, 4 bolt holes. Contains hub as illustrated, P1258 hub cap, F1014Z Stake nut, F1951 Circlip & P00002 Bearing.

KS0826 Hub kit. 200 x 50, 5 bolt holes. Contains hub as illustrated, P1258 hub cap, F1014Z Stake nut, F1951 Circlip & P00002 Bearing.

KS0827 Hub kit. 250 x 40, 5 bolt holes. Contains hub as illustrated, P1258 hub cap, F1014Z Stake nut, F1951 Circlip & P00002 Bearing.

Bearing Adaptor Kit. This Kit is required in addition to the relevant hub kit listed above when fitting to a trailer manufactured between September 1992 & January 1996 with the SKF bearing fitted.

The Unitised wheel bearings do not require adjustment, however if the hubs are removed it is recommended that a new axle end nut is fitted and tightened to a torque of 350Nm/260lb ft.

Over-tightening or under-tightening will cause the bearing to fail.









KS0756 Hub Kit. 200mm, 4 stud, smooth cast. Complete with P0001/ P0002 bearings,
 P0004 oil seal, F1099S axle end nut, C72253 hub cap, 4 x F1801 wheel studs,
 4 x F1811 wheel nuts, F1508S split pin, F1909S spirol pin.

KS0757L Hub Kit. 200mm, 5 stud, finned cast. Complete with P0001/ P0002 bearings, P0004 oil seal, F1099S axle end nut, C72253 hub cap, 5 x F1804 wheel studs, 5 x F1813 wheel nuts, F1508S split pin, F1909S spirol pin.

2 P0001 Bearing Cup. Used on all braked trailers up to September 1992. Requires P0002 bearing cone, 2 per wheel.

**P0002** Bearing Cone. Used on all braked trailers up to September 1992. Requires P0001 bearing cup, 2 per wheel.

**P0003** Oil Seal. 43mm x 75mm x 10mm.

**P0004** Oil Seal. 55mm x 75mm x 10mm.

F1801 Wheel Stud. M12

Hub kits for trailers manufactured Pre September 1992 with the Alko braking system.



Hub Cap. Black with IWT logo, 75mm. Fitted to braked trailers from September



P1250

F1098S

F1099S

F1508S

1992 to January 1996.

Slotted Nut. 3/4" BSF 6 slot.

Slotted Nut 3/4" UNF 10 slot.

**Split Pin.** 5/32" x 1-1/2"



#### Axles compatible with 200 x 50 Backplates - 4 & 5 Bolt

Complete Axle Assy Number	Models This Axle Is Compatible With	Axle Beam	Length of Spring Centes	Length Over Hub Faces	Number of Wheel Bolts
AS4007	Unbraked Eurolight		757	1122	4
AS6401	GD6, HB510, HB511	AS0381	1770	2110	4
AS6402	HB505, HB506	AS0382	1642	1984	4
AS6403	TA5G, GD5	AS0383	1542	1924	4
AS6404	LT6G, GB	AS0384	1450	1828	4
AS6406	HB401	AS0386	1227	1610	4
AS6407	LT1*5G	AS0387	1146	1520	4
AS6408	TT85G	AS0388	1110	1460	4
AS6409	LT85G, TT2515	AS0389	1045	1387	4
AS6414	BV5G	AS0390	1530	1924	4
AS6415	P6G, P8G, BV84G	AS0391	1224	1610	4
AS6440	Eventa Tri Axle	AS0392	1755	2100	5
AS6417	GD4, GD84GTA, GX84	AS0393	1250	1610	4
AS6445	GX85, GX105	AS0395	1575	1935	4
AS6451	Eurolight 1.2m	AS0411	757	1147	4
AS6452	Eurolight 1.5m	AS0412	1032	1407	4
AS6458	GH64, GH94, P6B,P7B, Q6B, Q7B	AS0423	1161	1511	4
AS6459	GH94+3, GH94+3BT	AS0340	1240	1590	4
AS6460	HB403	AS0413	1275	1610	4
AS6466	P8B, Q8B	AS0343	1386	1753	4
AS6480	TB 2.1m with 10" wheels	AS0344	1411	1753	4
AS6410	TA5G 10' & 12, GD5 ( 5 Bolt)	AS0390	1542	1924	5
AS6412	LM105G, LM125G	AS0387	1146	1520	5
AS6413	LM85G, TT2515 with 12" wheels	AS0389	1045	1387	5
AS6418	LM1*6/ DP/ CT166 Tri Axle	AS0384	1450	1828	5
AS6439	CT115	AS0379	1610	1975	5
AS6440	LM1*7/ CT167 Tri Axle	AS0392	1755	2100	5
AS6442	GX126 Tri, GP126 &GP146 Tri Axle with 12" wheels	AS0381	1770	2110	5
AS6444	TA510G3 14' Tri Axle	AS0398	1770	2150	5
AS6447	CT136, CT136SA	AS0397	1770	2135	5
AS6448	GP126 & GP146 Tri Axle with 16" wheels	AS0399	1770	2175	5
AS6455	GD4 with 16" wheels	AS0393	1250	1610	5
AS6456	GD5 with 650R16 wheels	AS0395	1575	1935	5

#### **AXLES COMPATIBLE WITH 250 X 40 BACKPLATES – 5 BOLT**

In March 2014 the design of the 250 x 40 backplate changed. For trailers manufactured before March 2014 with 250 x 40 Knott backplates, a replacement axle weld assembly is no longer available which suits that design of backplate. Should you require a replacement axle weld assembly, you will need to order a new 'complete axle assembly' which will be supplied with the new style backplates fitted (and hub).

Complete Axle Assy Number	Models This Axle Is Compatible With	Axle Beam after March 2014	Length of Spring Centes	Length Over Hub Faces	Number of Wheel Bolts
AS6420	BV6 with 16" wheels, HB510XL & HB610	AS029504	1770	2150	5
AS6421	BV6 with 12" wheels, GP1#6 with 12" wheels, GX106, GX106N & GX126	AS029505	1770	2110	5
AS6422	DP Range, LM6G & B Range, CT166, TT3621	AS029506	1450	1828	5
AS6424	LM105GHD, LM125GHD, TT105G, TT3017	AS029508	1146	1520	5
AS6425	LM85GHD	AS029509	1045	1387	5
AS6426	LM147G, LM/CT167G, CT177, EVENTA	AS029510	1755	2100	5
AS6427	TA5GHD	AS029503	1542	1924	5
AS6428	TA510G	AS029511	1770	2175	5
AS6431	GX105HD, GX125HD, GD5 with 175 75 R16 wheels	AS029502	1575	1935	5
AS6461	GH1054	AS029514	1556	1905	5
AS6481	TB 2.1m with 12"wheels	AS029516	1411	1753	5

## RUNNING GEAR & WHEEL EQUIPMENT



### Unbraked Axles & Suspension Components



	OLD.	TYPE
1	P0020	<b>5 Leaf Spring.</b> This type of roadspring was used on various models until January 1994.
1	P0022	<b>7 Leaf Spring</b> . This type of roadspring was used on various models until January 1994.
1	C10011	<b>Shackle Bracket.</b> Weld on component for trailers with 4,5 or 7 leaf springs.
1	000145	<b>U-Bolt.</b> Holds the axle and roadsprings together - 4 per axle (7 leaf springs Post March 1990).
2	000146	<b>U-Bolt.</b> Holds the axle and roadsprings together - 4 per axle (5 leaf springs Post March 1990).
	F1078ZCPK	Nylon Nut 1/2" UNF. To fit C00145 & C00146 U-Bolts. Pack qty 10
	F0464ZPK	<b>Bolt 5/8 unc x 3 3/4 Hex Head.</b> Used to secure the 5 & 7 leaf spring. Pack Qty 8.

Nut 5/8 unc. Nylon Pack Oty 10.



F1081ZPK

### **Tyres & Accessories**



# RUNNING GEAR & WHEEL EQUIPMENT



#### **TYRES**

	Part Code	Size	Load / Speed Index	Max Load Per Tyre (kg)	Pressure Bar	Pressure PSI
•	P0815T	145R10C 8PR	84N / 82N	500	4.5	65
6	P0888T	6.50R16C 10PR	108 107P	1000	5	73
3	P0841T	165R13C 8PR	94N / 92N (96N FRT)	585***	3.4	50
	P0841T	165R13C 8PR	94N / 92N (96N FRT)	650***	4.2	60
	P0841T	165R13C 8PR	94N / 92N (96N FRT)	710***	4.5	65
	P0876T	195/55R10C	98N	750	6.2	90
4	P0878T	155/70R12	104 / 102N	900*	6.5*	94*
	P0878T	155/70R12	104 / 102N	900**	6.2**	90**
9	P0875T	185/70R13C	106 / 102N	950	6	87
	P0889T	195/60R12	104 / 102N	900	6.5	95
	P0879T	175/75R16C	101R (104N) FRT	900	4.8	96

\* 5.5 Inch rim \*\*\*The max load is listed on the side wall of the tyre.

#### **ACCESSORIES**

6 P08891V	Valve. Compatible with many wheel assemblies (contact us for details)
7 KX0835	<b>Wheel Trim Set.</b> To fit 13" wheels, supplied in a set of 4. Style of trim may vary from illustration.
3 P1256	Wheel Brace. 19mm, supplied as standard with most trailers.
9 B0019	Wheel Wrench. 4 Headed wrench sizes 17,19,21 & 22mm, supplied with the Horsebox and Box Van prop stand kits.
10 F1830ZPK	Wheel Bolt. M12 x 1.5mm pitch 30mm long, 19mm A/F head. Pack of 4
1 F1835ZPK	Wheel Bolt. M14 x 1.5mm pitch 27mm long, 19mm A/F head. Pack of 5
12 KX9802	<b>Locking Wheel Bolt Kit.</b> M12 x 1.5 pitch with uniquely coded adapter and spider wheel wrench.
B0054	Trailer-Aid Ramp - Black. Simplifies wheel changing on twin axle trailers.
13 B0055	Trailer-Aid Ramp - Yellow. Simplifies wheel changing on twin axle trailers.
12 KX0240	<b>Wheel Chocks.</b> Pair of lightweight wheel chocks with snap fit holder for fixing to trailer.

## RUNNING GEAR & WHEEL FOUIPMENT



## Wheel Assemblies & Wheel Centres



VVDEE	DI 163

Part Code	Description	Load / Speed Index	Pressure Bar	Pressure PSI	Part Code	Description	Where Used
P0815	Wheel Assembly 145R10 8Pr	84N 82N	4.5	65	2 P0804	Wheel Centre 3.50BX10 ST4/5.5/95 ETO	Older LT models
P0835	Wheel Assembly 145/80B10	74N	2.5	36	3 P0864	Wheel Centre 3.5BX10 ST 4/100/60 SILVER	P5, P6e, BV64e & Unbraked Eurolight
4 P0845	Wheel Assembly 145R10/HG58S	325kg @ 190km/h		40	5 P0810	Wheel Centre 3.5 x 10	Older P6e trailers with susupension units
P0877	Wheel Assembly 155/70R12	104/102N	6.5	94	6 P0875C	Wheel Centre 5.5JX12 5/6.5/114.5 ETO	CT115, CT136 & CT177
7 P0878	Wheel Assembly 155/70R12	104/102N	6.2	90	P0878C	Wheel Centre 4.5JX12 5/6.5/114.5 ETO	BV6, GP & GX
3 P0875	Wheel Assembly 185/60R12	104/102N	6.5	94	6 P0875C	Wheel Centre 5.5JX12 5/6.5/114.5 ETO	Older models
9 P0876	Wheel Assembly 195/55R10C	98N	6.2	90	P0876C	Wheel Centre 6.00X10 4/5.5/95.3 ET-10	GH94 (flatbed model) and TB Tiltbed (3T twin axle and tri axle models)
10 P08891	Wheel Assembly 195/60R12	104/102N	6.5	95	P08891C	Wheel Centre 6JX12 5/6.5/114.5 ETO	BIAB, BV6 series, CT166/7, DP range, Eventa, GP, LM Flatbed and Beavertail range and TB range (longer twin axle models) and Tipper range
11 P08891AL	Alloy Wheel Assembly 195/60R12	104/102N	6.5	95	P08891ALC	Alloy Wheel Centre	Optional accessory on BIAB, Eventa (Style may vary from illustration)
P0833	Wheel Assembly 145/70R13 4PR	84N FRT	3.7	54	Not Available		LT Range, P#B & Eurolight
P0834	Wheel Assembly 145/70R13 4PR	78N	3.2	47	Not Available		P6e, P7e & P8e
P0852	Wheel Assembly 155R13 4PR	79S/T/78S	2.4	35	Not Available		HB401.
13 P0841	Wheel Assembly 165R13C 8PR	94N / 92N (96N FRT)	4.5	65	14 P0805	Wheel Centre 4.5JX13 4/5.5/95.5 ET25.4	Boxvan (BV4 and 5 series), Eurolight (EL141 and EX202 models), GD range, GX84 and 5, Horsebox range, P*G range, TA5G range
15 P0841AL	Alloy Wheel Assembly 165R13C 8PR	94N / 92N (96N FRT)	4.5	65	Not Available		Optional accessory on Horsebox range
P0851	Wheel Assembly 185/70R13C	106 / 102 N	6	87	16 P0820	Wheel Centre 6JX13 H2 5/6.5/114.5 ET+7	GH1054 and Tipper range (TT3017 and TT3621)
1 P0872	Wheel Assembly 195/50R13	104 / 102J (100/98N)	6.5	94	16 P0820	Wheel Centre 6JX13 H2 5/6.5/114.5 ET+7	Older models
1 P0867	Wheel Assembly 20.5 x 8-10 4PR	77M	2.5	36	19 P0865	Wheel Centre 6.00IX10 4/100/60 ET-3	EL071, P6, P7 & Q#e
20 P0868	Wheel Assembly Flotation mounted onto 100mm PCD	600kg @ 130km/h		70	21 P0812	Wheel Centre 6.00 x 10	Older P6e trailers with susupension units
P0879	Wheel Assembly 175/75R16C	101R (104N FRT)	4.8	96	22 P0808S	Wheel Centre 500F x 16" Vented	BV6, GD, HB510XL, HB610, TA5G & TA510G
23 P0888	Wheel Assembly 6.50R16C 10PR	108 / 107P	5	73	24 P0808	Wheel Centre 500F x 16" Non Vented	BV6, GD, HB510XL, HB610, TA5G & TA510G
25 P0894	Wheel Assembly 22 x 11 Off Road Knobbly ATV Tyre	155kg @ 100km/h	0.3	5	Not Available		Q5e Off road model

### **Spare Wheel Options**



# **RUNNING GEAR &**WHEEL EQUIPMENT



# RUNNING GEAR & WHEEL EQUIPMENT





# RUNNING GEAR & WHEEL EQUIPMENT

