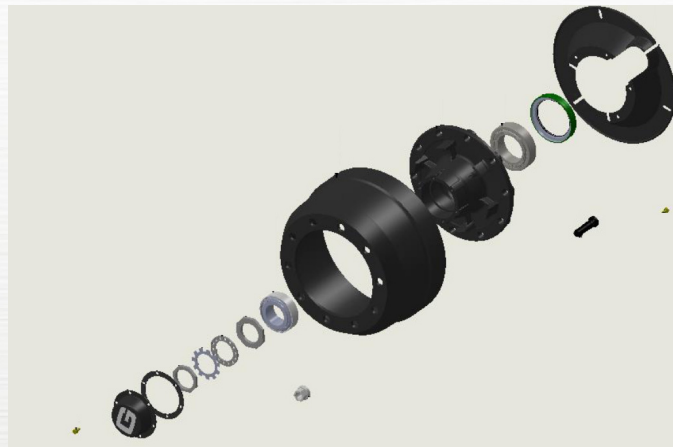


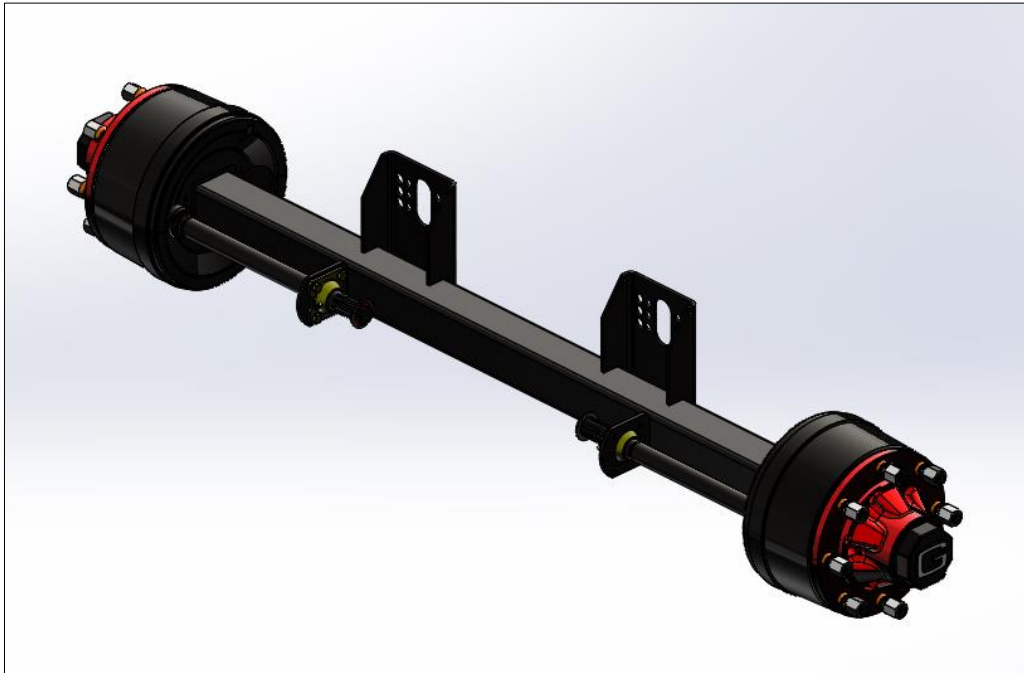


Axle Bill Of Materials

750 Series 300x135

80295 Rev A October 2018

300 X 135 – 750 SERIES AXLE



750 series axle is TUV tested to 8000Kg, please see website for test report.

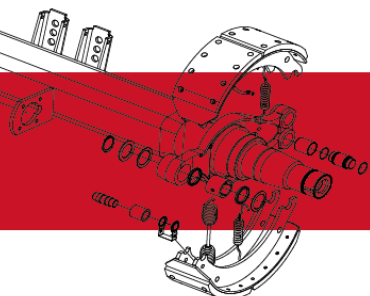
275mm PCD, 8 stud, M20 hub and drum. ø220mm hub pilot.

Available in twin wheel stud.

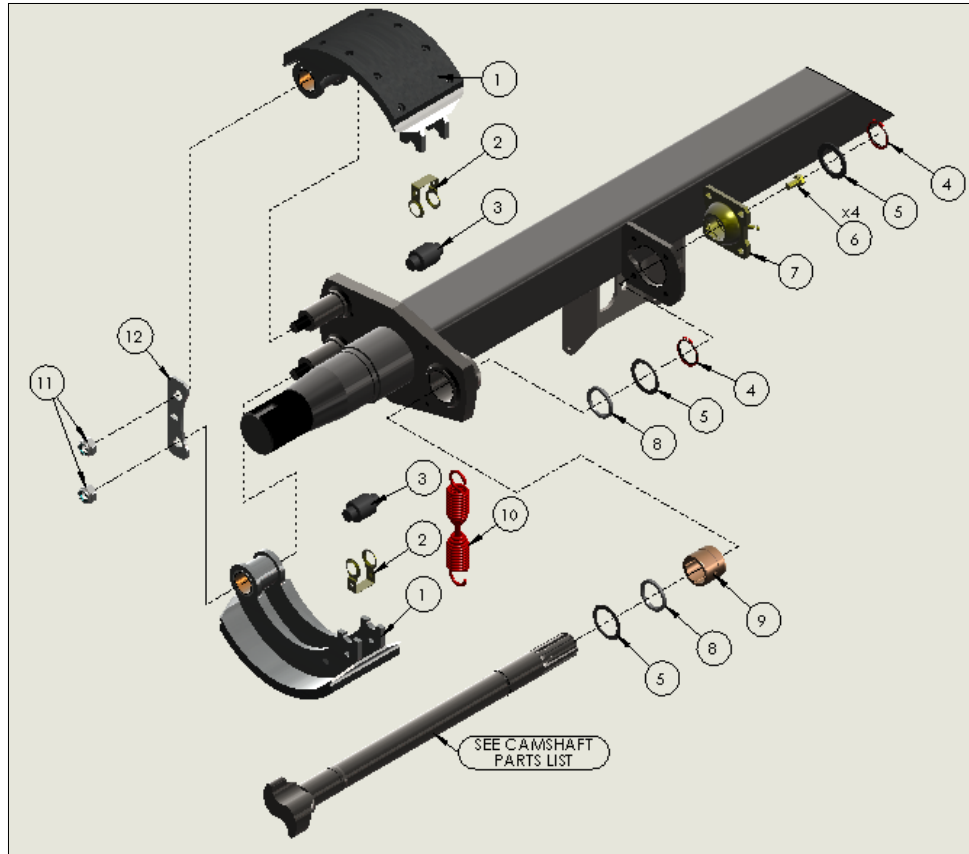
10 spline camshaft

Service manual available on website

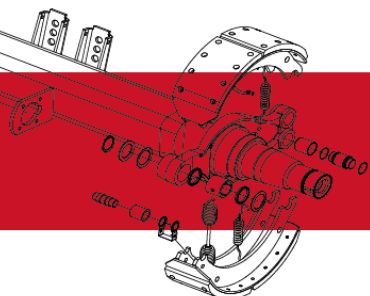
Please see following pages for part identification



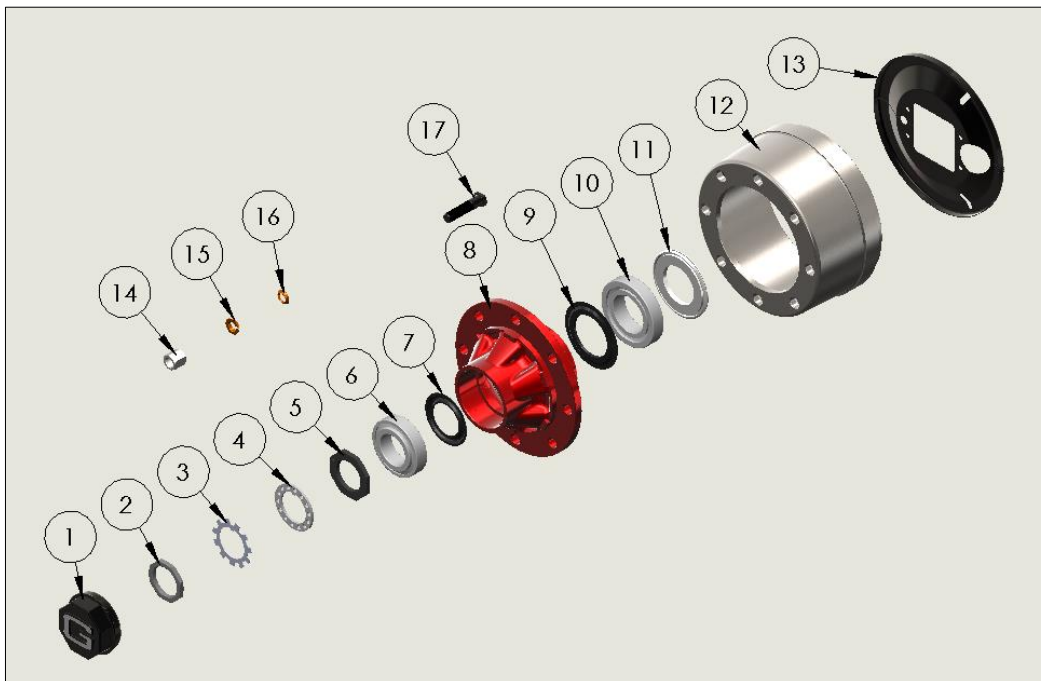
300 x 135 – 750 Series Quick Fit Brake Assembly



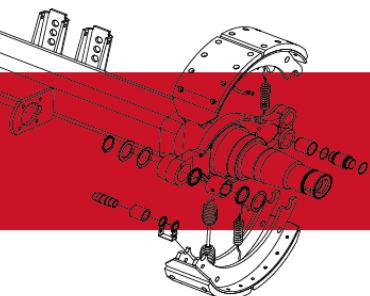
Item	Description	Part No.	QTY. per Axle
1	Break Shoe Assembly	68105	4
2	Cam Roller Retainer	61220	4
3	Cam Roller	61235	4
4	Circlip	61120	4
5	1.5mm washer	68159	2
6	M10 x 20mm Hex Bolt	61359	8
7	Camshaft Spherical Bearing	61080	2
8	Camshaft Grease Seal	61056	4
9	Camshaft Sintered Bush	61055	2
10	Brake Shoe Return Spring	68155	4
11	M16x1.5 Locknut	71720	2
12	ABS Mounting Bracket	68109	2



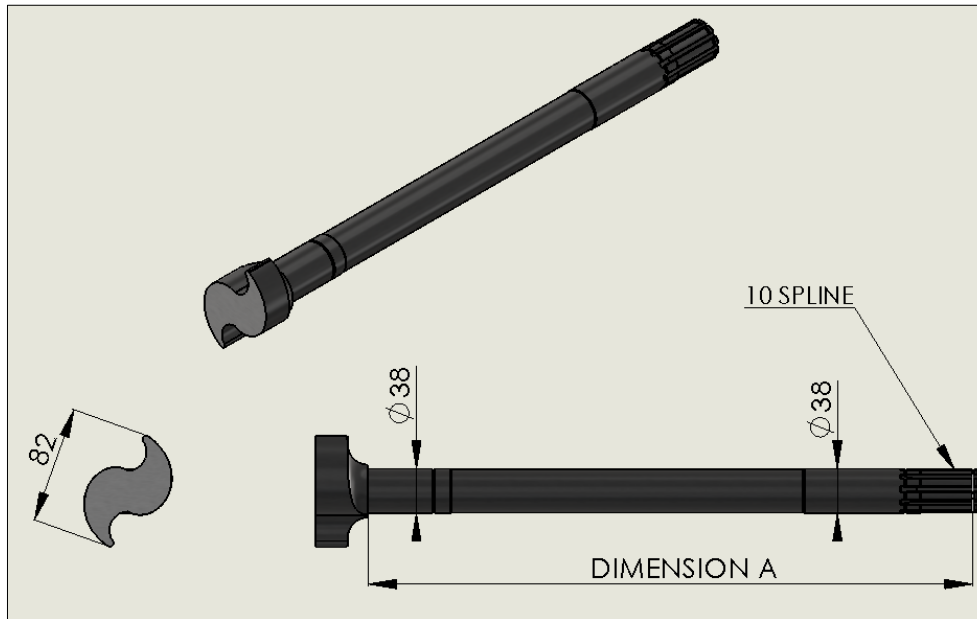
300 x 135 – 750 Series Hub/Drum Assembly



Item	Description	Part No.	QTY. per Axle
1	Hub Cap Pressing "G"	61326	2
2	Locknut	61310	2
3	Tab Washer	61311	2
4	Lock Washer	61300	2
5	Adjusting Nut	61290	2
6	Outer Bearing	61276	2
7	Outer Bearing Grease Retainer	68162	2
8	Hub Spigot 8 Stud	68120	2
9	Inner Bearing Grease Retainer	68163	2
10	Inner Bearing	61275	2
11	Unitised Grease Seal	68160	2
12	Brake Drum 8 Stud	68130	2
13	Two-Piece Dust Cover	61374	2
14	Wheel Nut M20 - DIN	68154	16
15	DIN Cone Washer - Outer	68153	16
16	DIN Cone Washer - Inner	68152	16
17	Wheel Bolt M20 (Twin)	68150	16
	Dust Cover Bolt – M8 x 16mm	61358	8



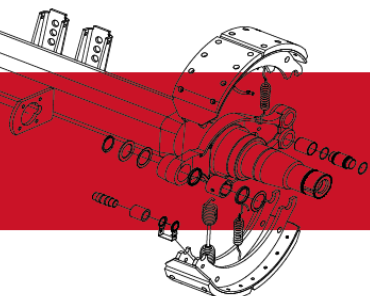
300 x 135 – 750 Series Camshaft Parts List



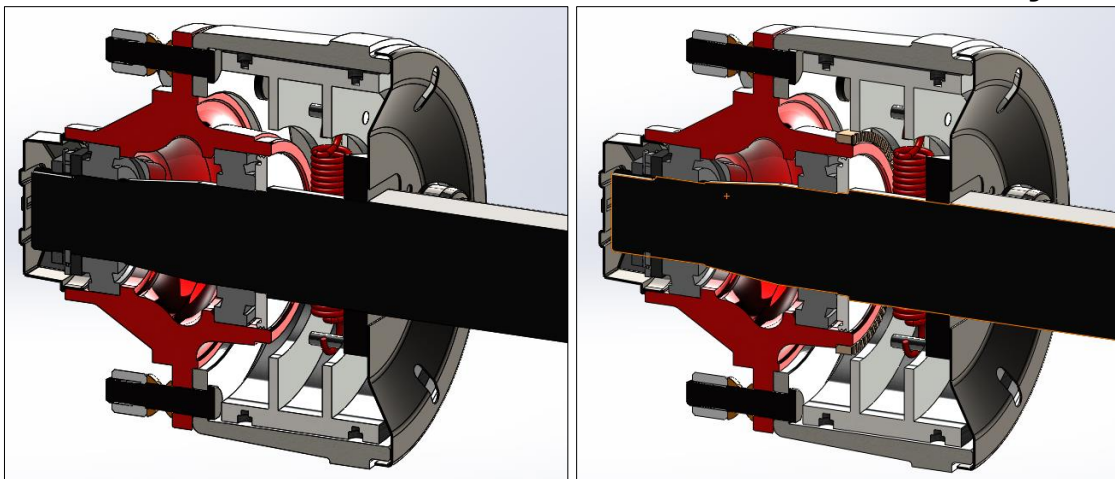
Item	Description (DIM A)	Part No.
1	Left Hand Small Head (175mm)	61153
2	Right Hand Small Head (175mm)	61154
3	Left Hand Small Head (212mm)	61591
4	Right Hand Small Head (212mm)	61601
5	Left Hand Small Head (430mm)	61600
6	Right Hand Small Head (430mm)	61610
7	Left Hand Small Head (519mm)	61595
8	Right Hand Small Head (519mm)	61605
9	Left Hand Small Head (680mm)	61617
10	Right Hand Small Head (680mm)	61627

Camshaft lengths are measured from under head to the centre of last circlip groove.

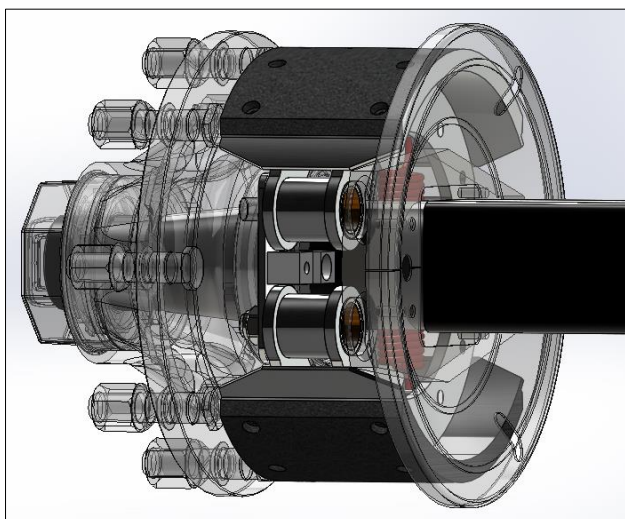
The illustrated camshaft is a right hand camshaft. When looking at the head of the camshaft a right hand cam is Z shaped and a left hand is S shaped



300 x 135 – 750 Series ABS/Anti-Lock Assembly



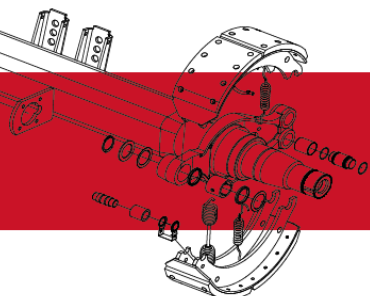
750 Series Axles with and without ABS Pole Wheel mounted to rear of hub.



Sensor Block Position on the axle

Description	Part No.	QTY. per Axle
80 Teeth Pole Wheel	61787	2
Sensor Block	68108	2
Dust Cover Grommet	61557	2
90° Sensor Lead & Bush	61786	2

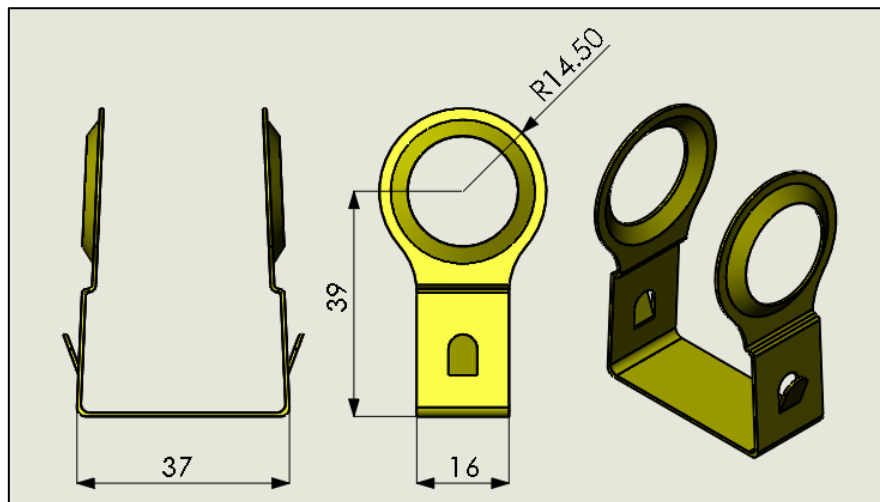
The ABS Block (68108) is bolted to the plate (68109) using an M8 x 30mm bolt and locknut. No welding is required. An 80 teeth pole wheel is then pushed down over the back of the hub. Pole Wheel and sensor block drawings can be found below.



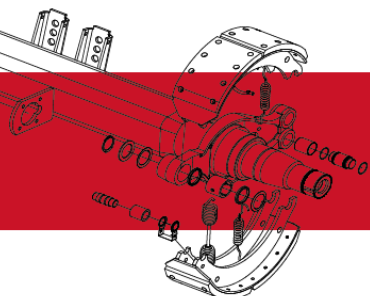
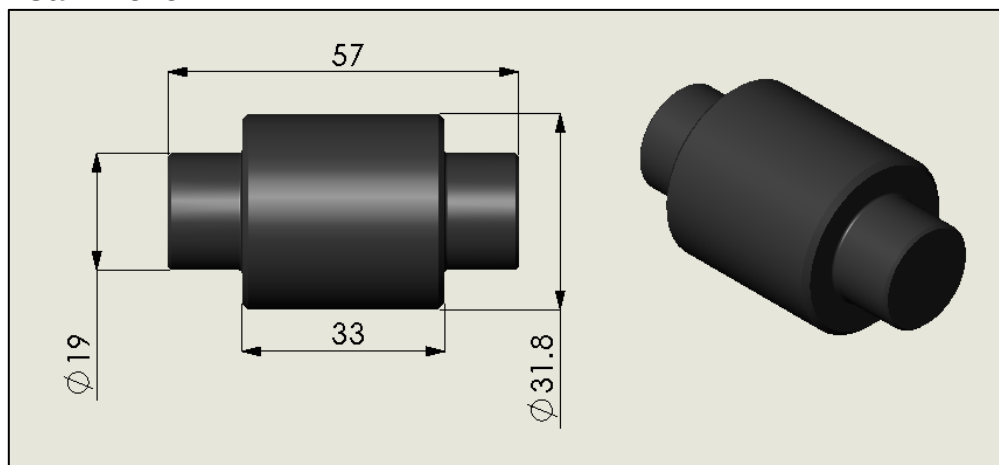
68105 – Brake Shoe Assembly



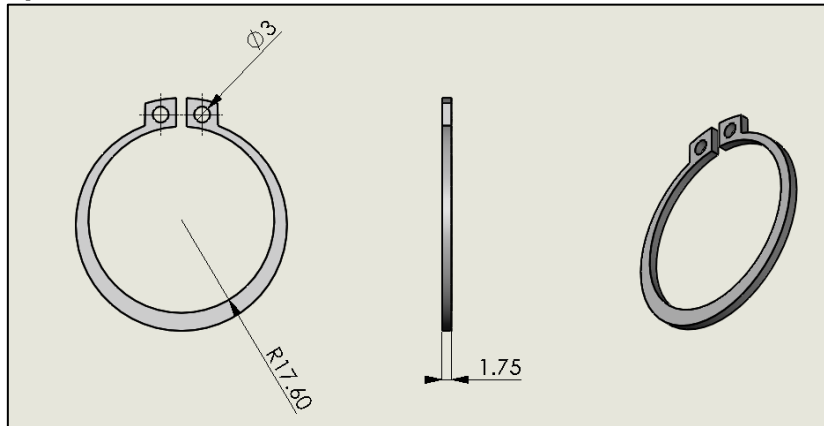
61220 – Retainer Cam Roller



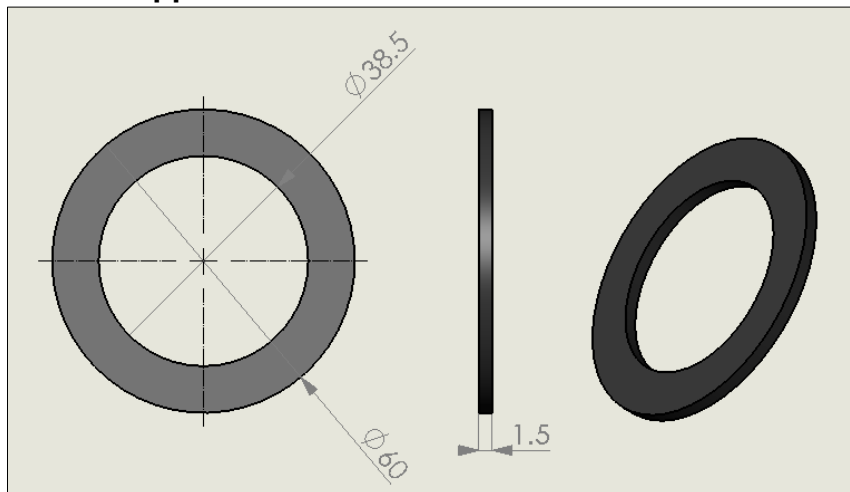
61235 - Cam Roller



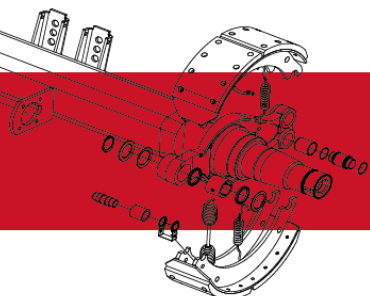
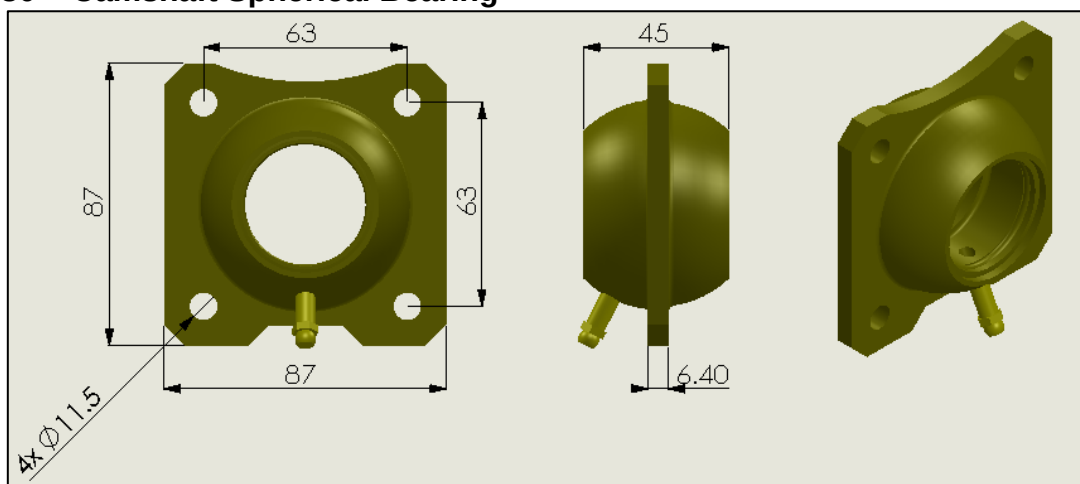
61120 – Circlip



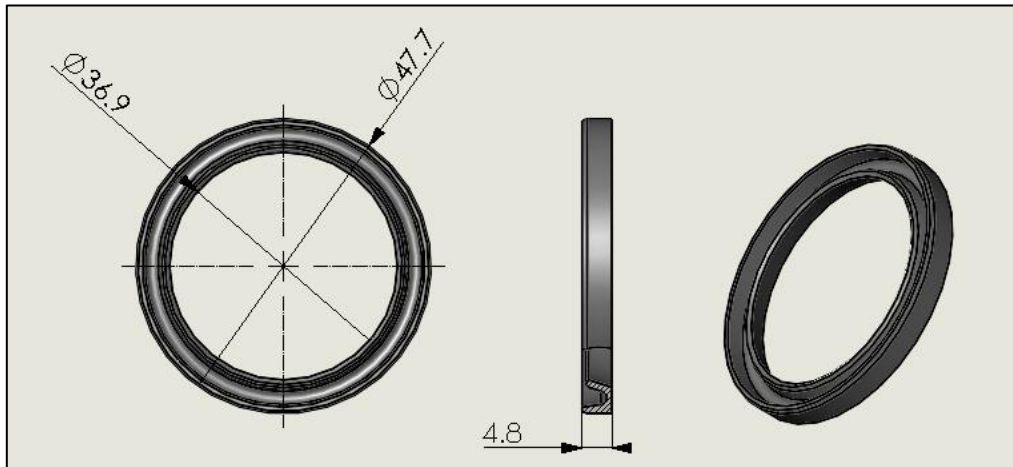
68159 – Camshaft Support Washer



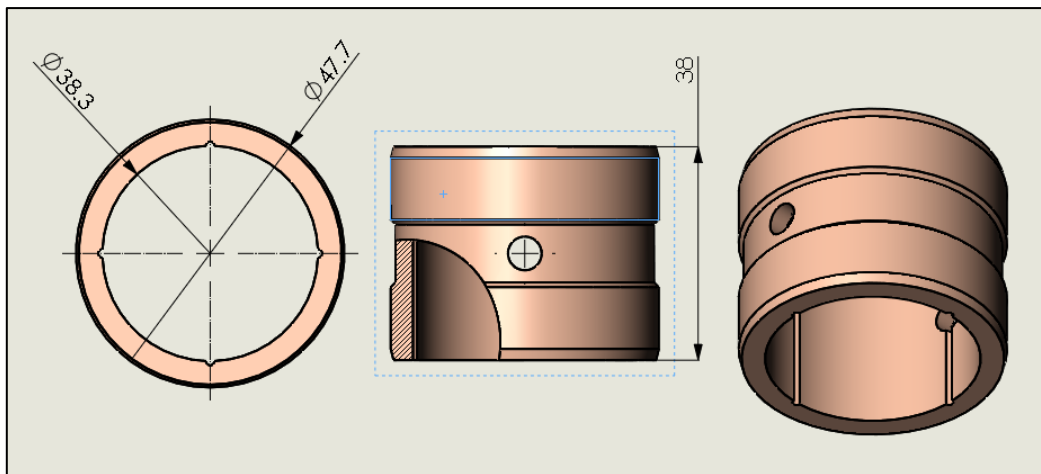
61080 – Camshaft Spherical Bearing



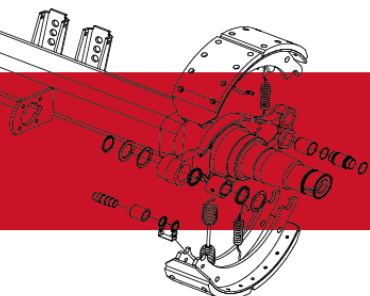
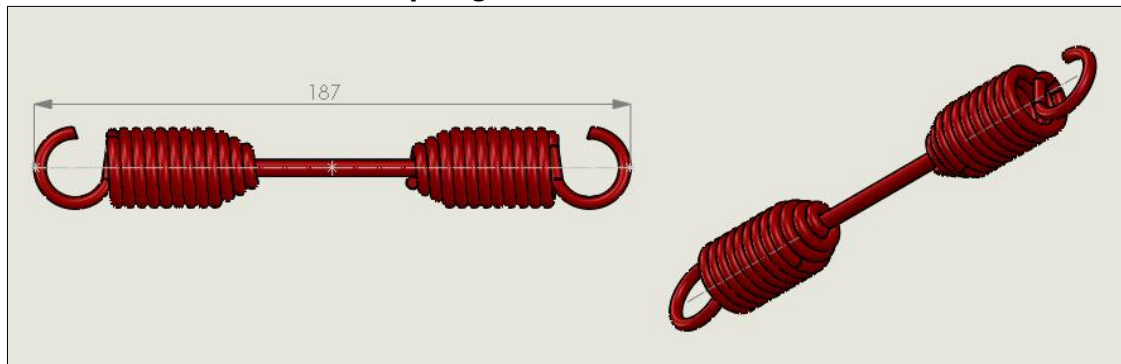
61056 – Camshaft Grease Seal



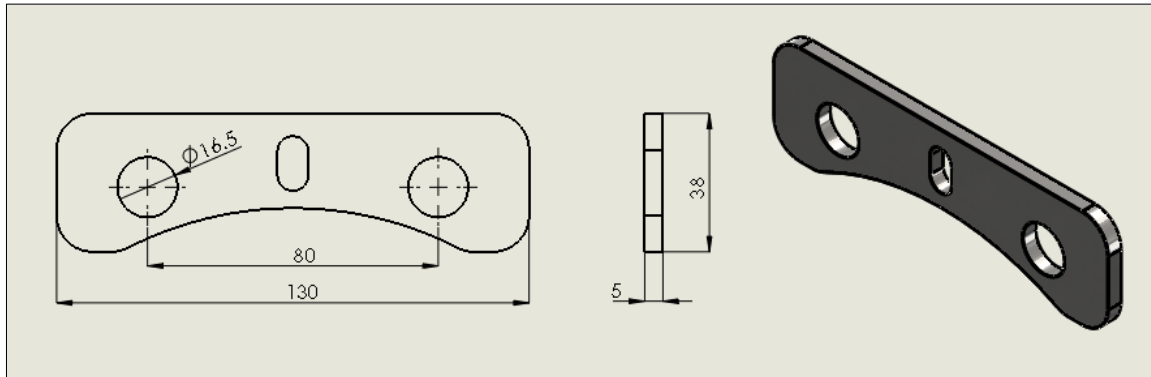
61055 – Camshaft Sintered Bush



68155 – Brake Shoe Return Spring



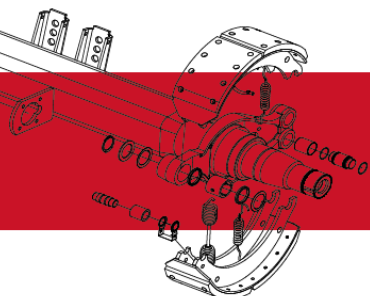
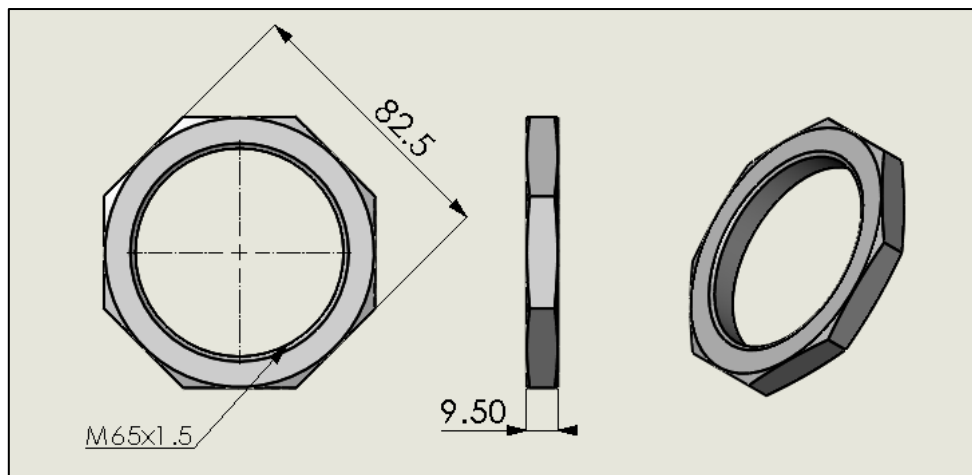
68109 – ABS Mounting Bracket



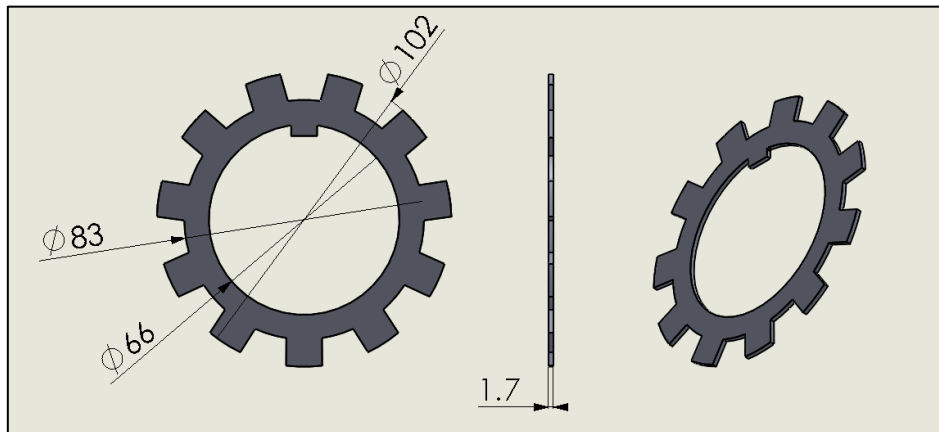
61326 – “G” Hub Cap Pressing



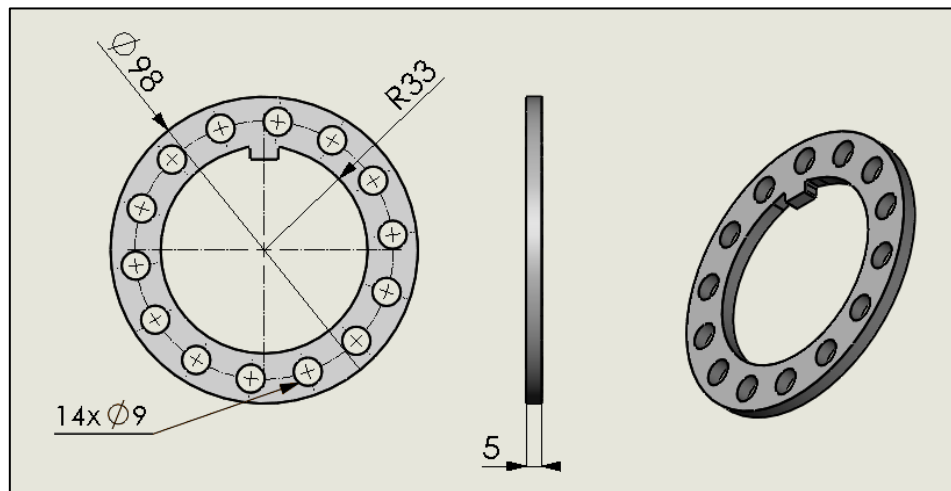
61310- Locknut



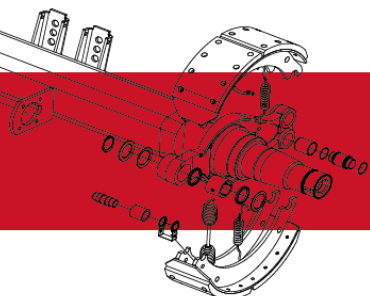
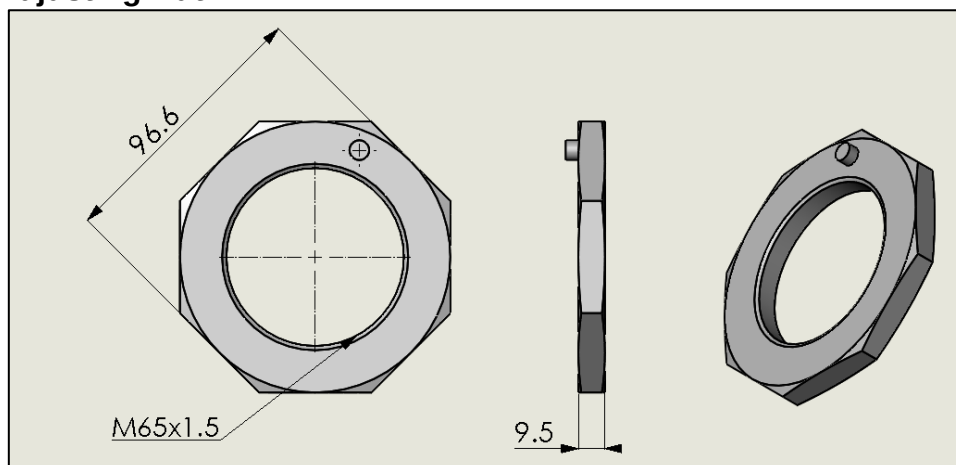
61311 – Tab Washer



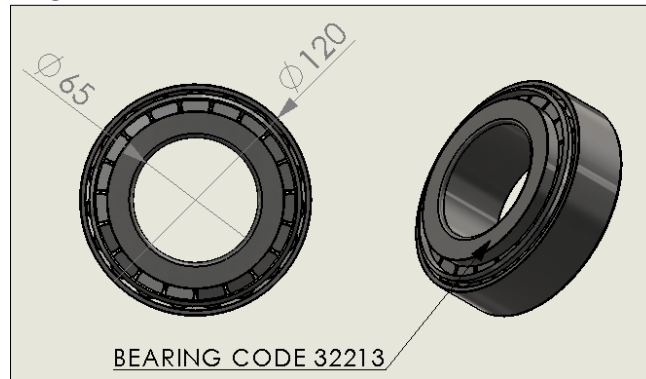
61300- Lock Washer



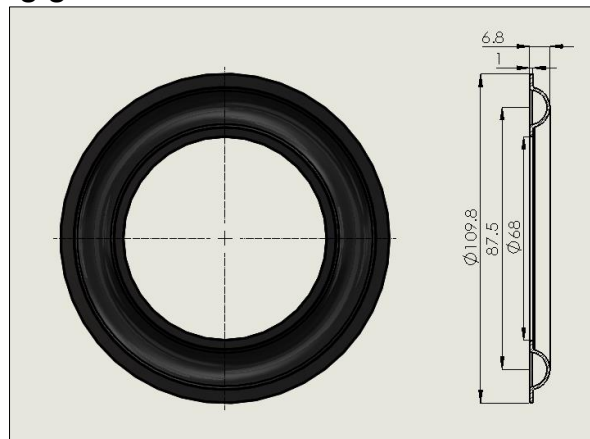
61290- Adjusting Nut



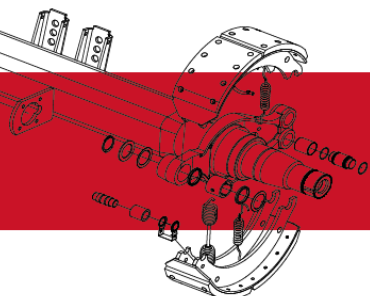
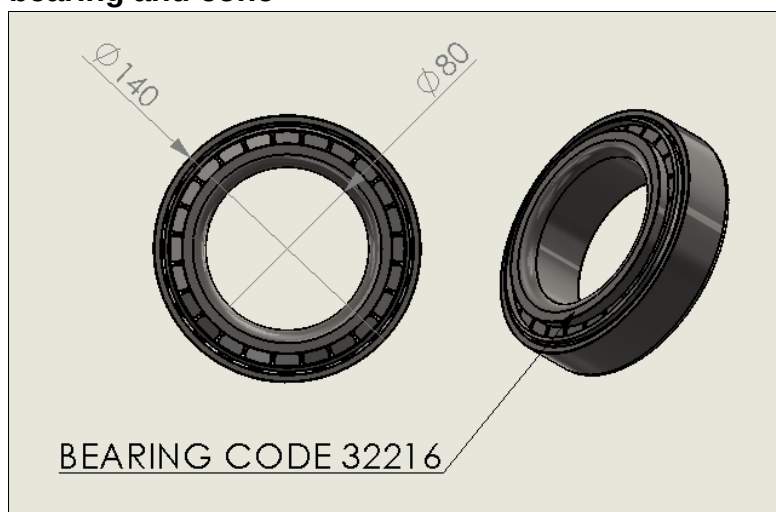
61276 – Outer bearing and cone



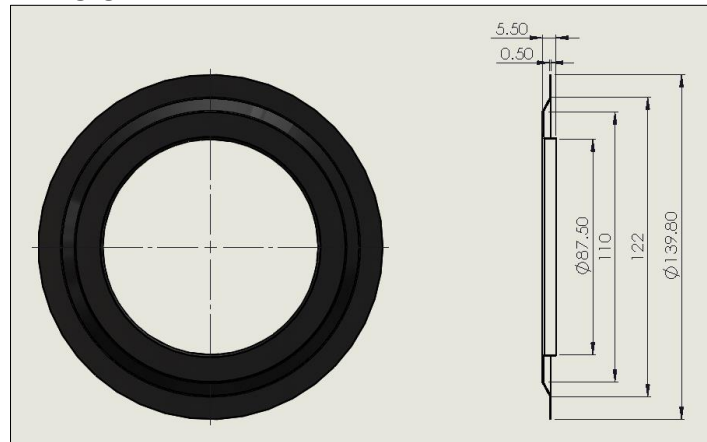
68162 – Outer bearing grease retainer



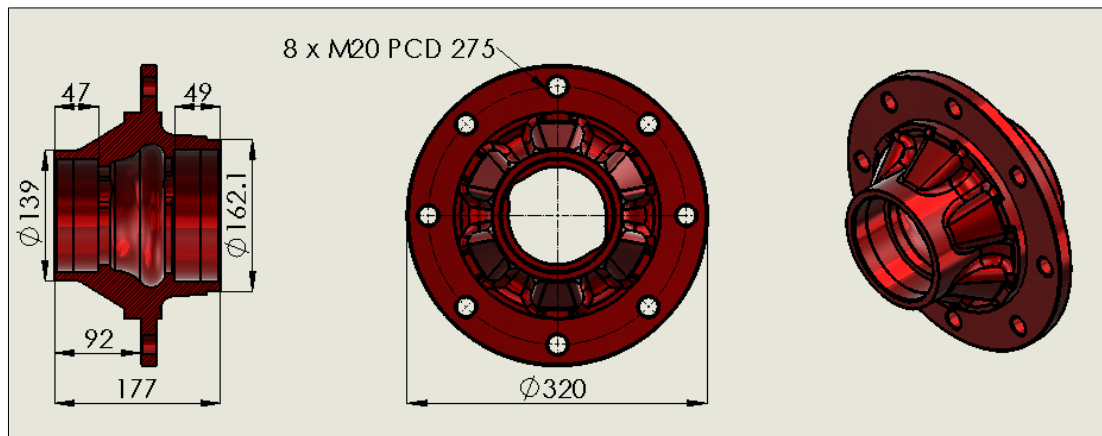
61275 – Inner bearing and cone



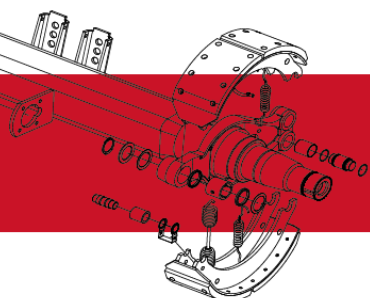
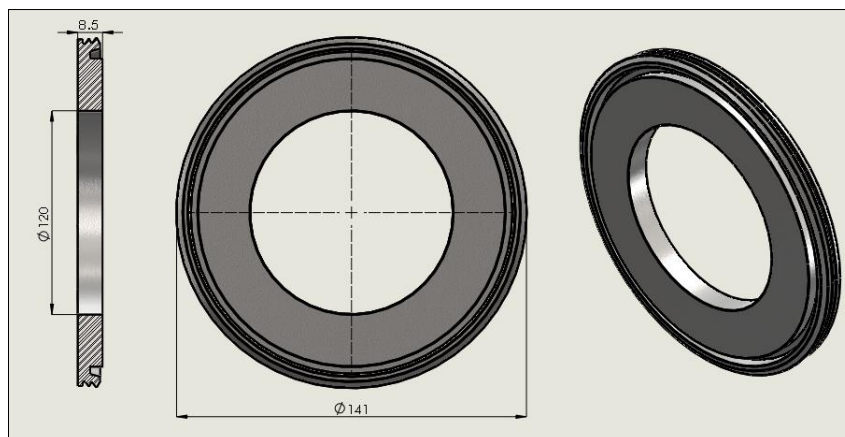
68163 – Inner bearing grease retainer



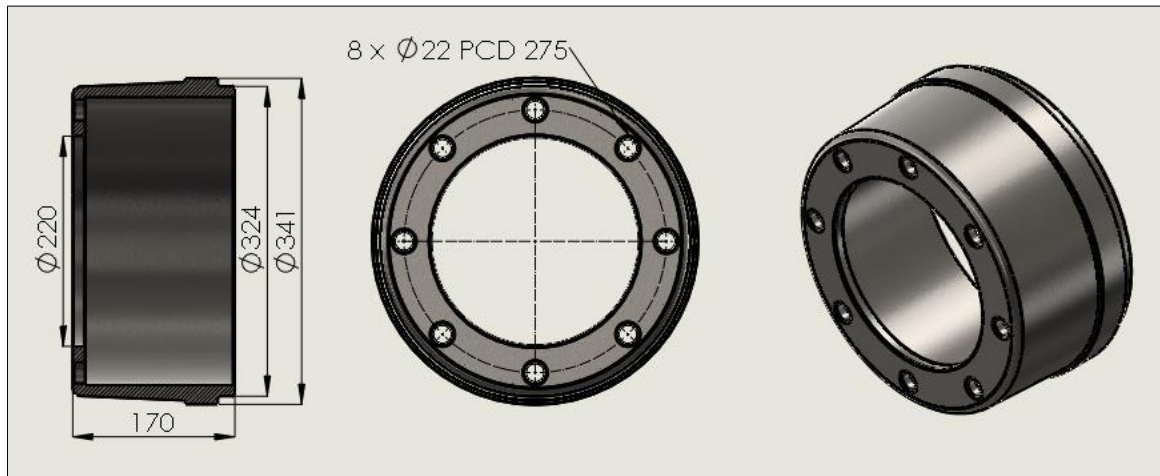
68120 – Hub



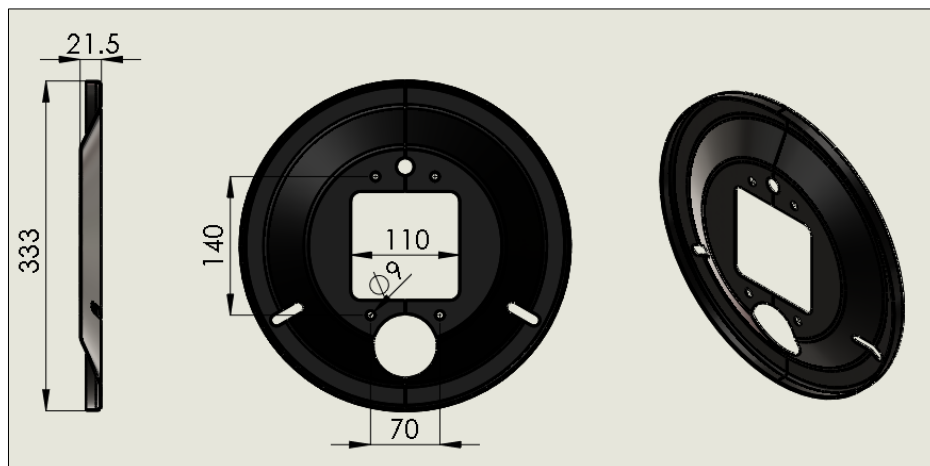
68160 – Unitized Grease Seal



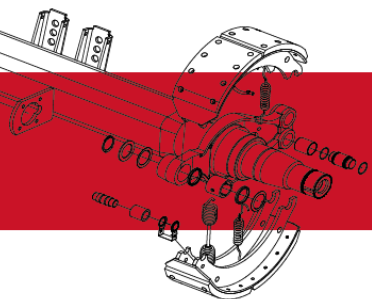
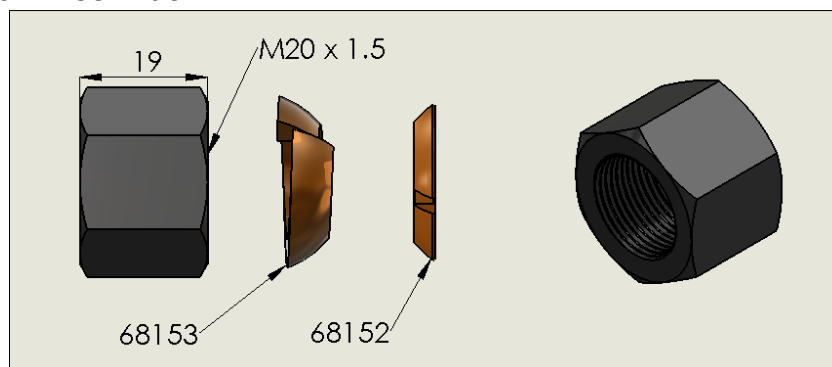
68130 – Brake Drum



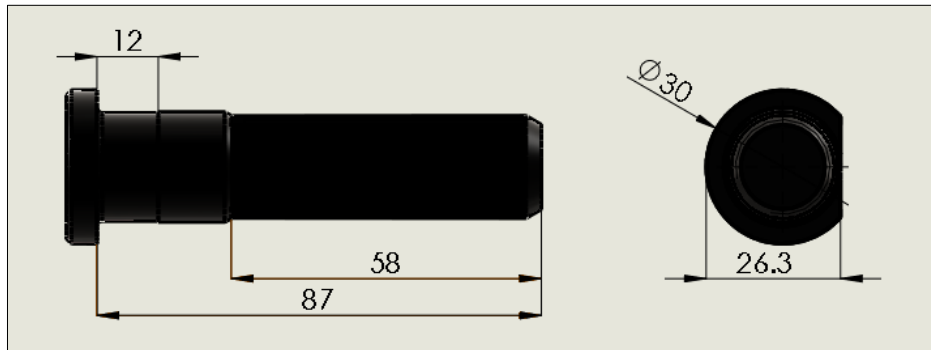
61374 – Two-Piece Dust Cover



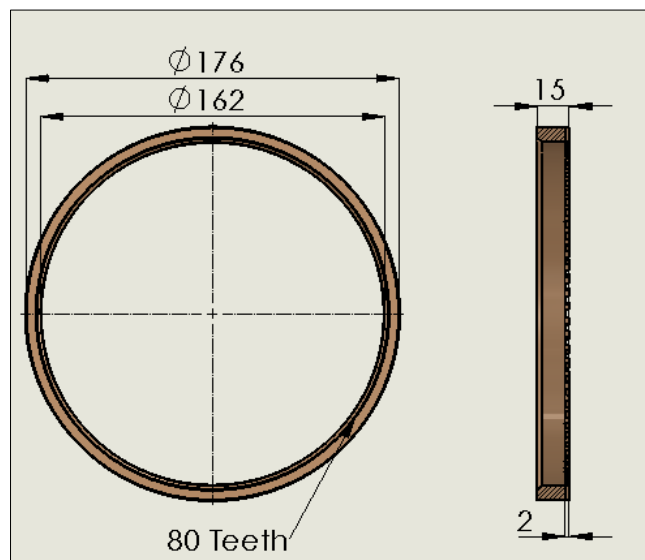
68154 – M20 Wheel Nut DIN



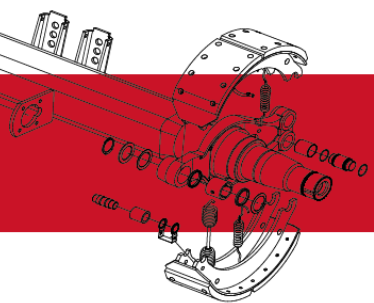
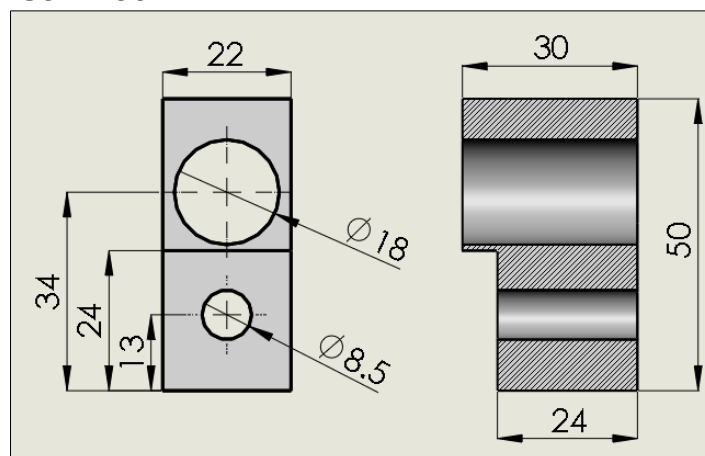
68150 – M20 Wheel Bolt Twin

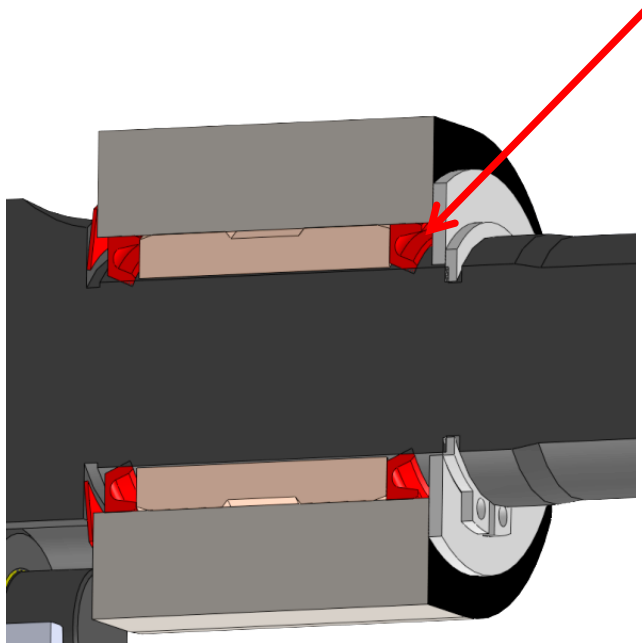
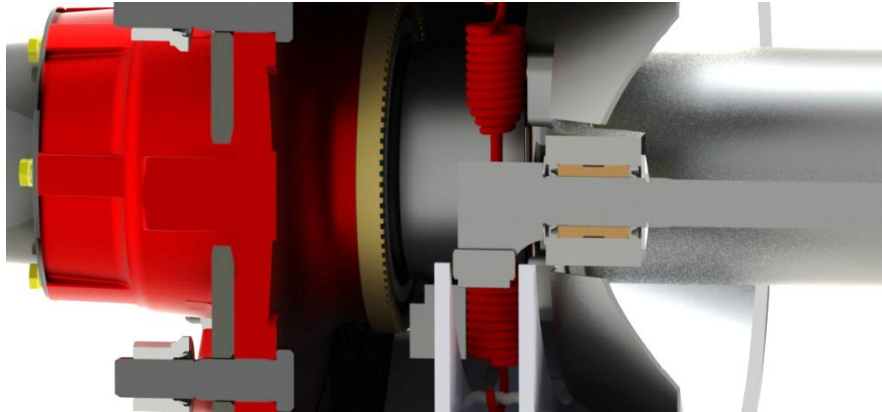


61787 – 80 Tooth Pole Wheel



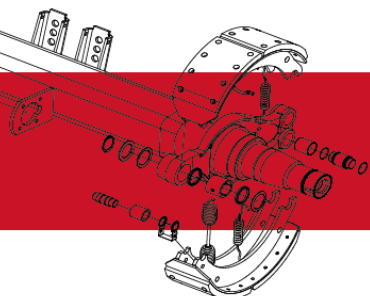
68108 – ABS Sensor Block





The direction of the grease seals in the anchor bracket is important as well as the position of the beveled washer between the anchor bracket and camshaft head.

We reserve the right to make changes to specifications or to make improvements to the products in this catalogue without prior notice. We are not responsible for inaccuracies or omissions.





Our Offices

Ireland

Tel +353 (0) 45 897 553

Fax +353 (0) 45 848 638

UK

Tel +44 (0) 1925 817 689

Fax +44 (0) 1925 817 153

NI

Tel +44 (0) 2890 740 055

Fax +44 (0) 2890 752 718

Poland

Tel +48 (0) 29 753 1616

Fax +48 (0) 29 753 1604

sales@granningaxles.ie