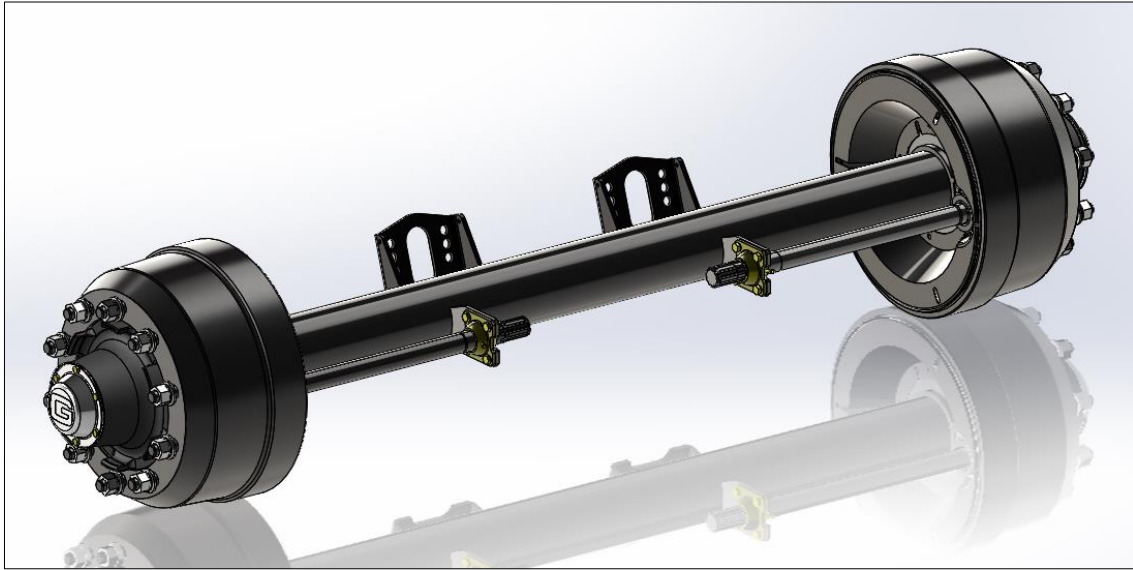


420 x 180 – 100 “A” SERIES AXLES



100 series axle is TUV tested to 11000Kg, please see website for test report.

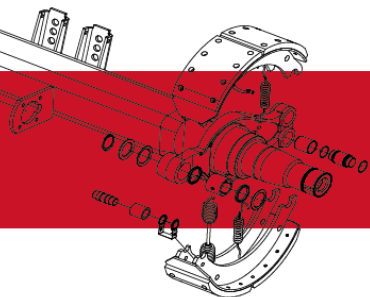
335mm PCD 10 stud M22 hub and drum. 280.8mm hub pilot.

Available in single and twin wheel stud.

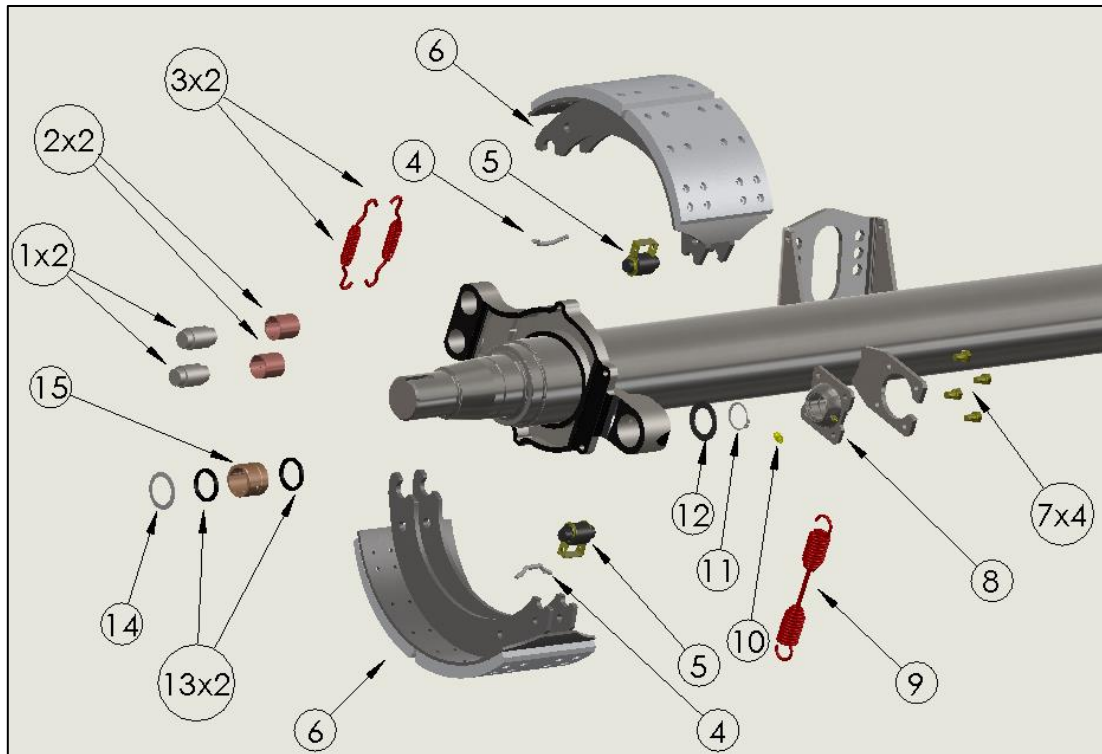
10 spline camshaft

Service manual available on website

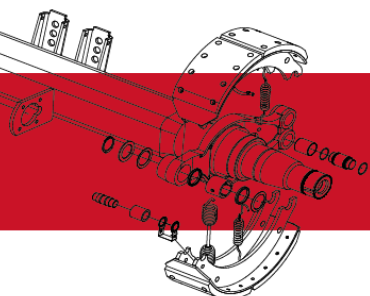
Please see following pages for part identification



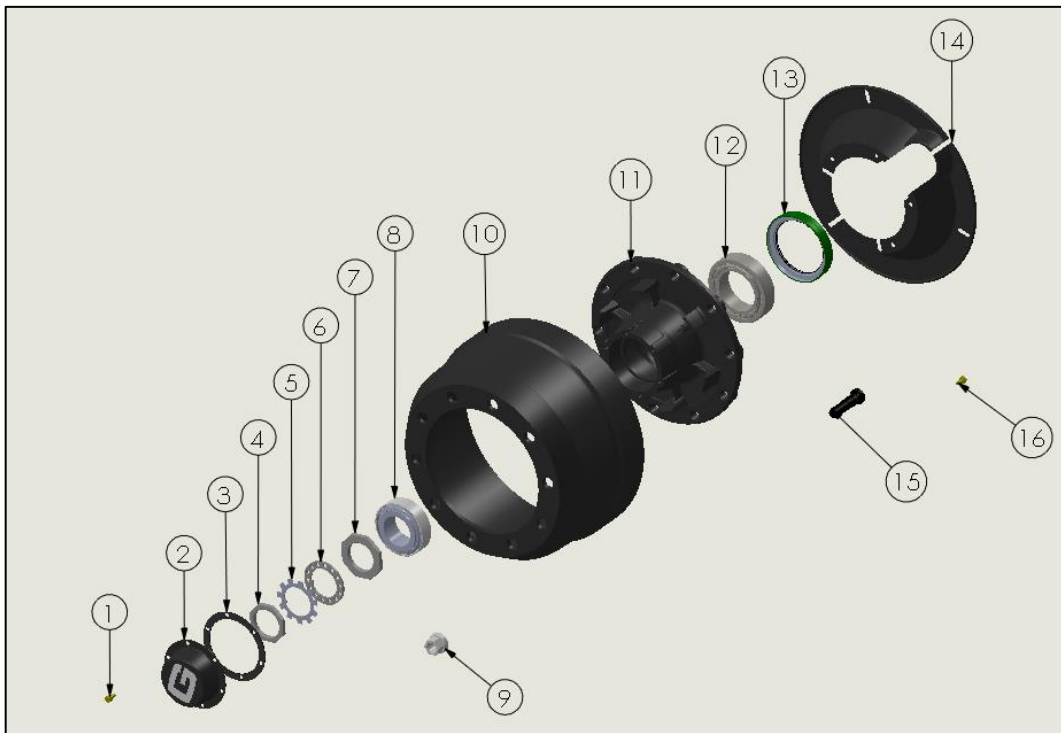
420 x 180 – 100 “A” Series Quick Fit Brake Assembly



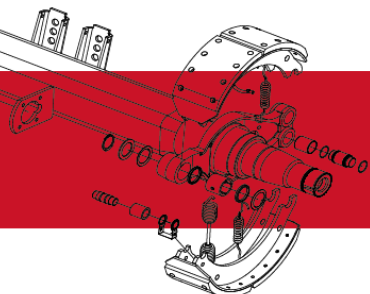
Item	Description	Part No.	QTY per Axle
1	Anchor Pin	61171	4
2	Bush Anchor Pin	61200B	4
3	Brake Shoe Retaining Spring	61141	4
	Brake Shoe Assembly	61157GA	4
(4)	Spring Anchor Bar	61150	(4)
(5)	Retainer Cam Roller	61220	(4)
	Cam Roller	61230	(4)
	Sleeve Cam Roller	61210	(4)
(6)	Brake Shoe (GLAT26-29)	61157G	(4)
7	M10x 20 Screw	61359	8
8	Camshaft Spherical Bearing	61080	2
9	Spring Return	61140A	2
10	Greaser 1/8 NPT 45°	61110	2
11	Circlip	61120	2
12	Support Washer Camshaft	61058	2
13	Camshaft Grease Seal	61056	4
14	Camshaft Flat Washer	61060	2
15	Camshaft Sintered Bush	61055	2



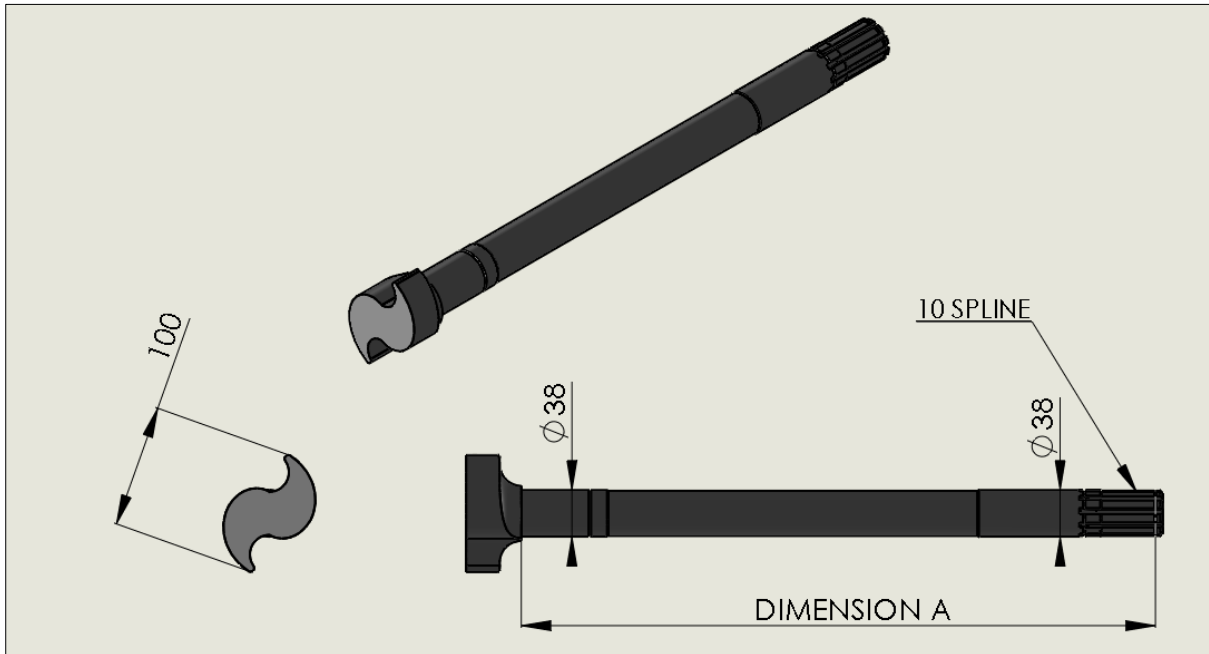
420 x 180 – 100 “A” Series Hub/Drum Assembly



Item	Description	Part No.	QTY per Axle
1	Screw M8 x 16 Fl. Head	61358	12
2	Hub Cap Pressing "G"	61322A	2
3	Gasket	61330A	2
4	Locknut	61310	2
5	Tab Washer	61311	2
6	Lock Washer	61300	2
7	Adjusting Nut	61290	2
8	Outer Bearing	61270F	2
9	ISO Wheel Nut M22	61381Z	20
	DIN Wheel Nut M22	61383	20
	DIN Wheel Nut M22	61411	20
	DIN Nut Outer Cone Washer	61372	20
	DIN Nut Inner Cone Washer	61371	20
10	Brake Drum 10 Stud	61243F	2
11	Hub Spigot 10 Stud	61253	2
12	Inner Bearing	61260F	2
13	Unitised Grease Seal	61282A	2
14	Dust Cover	61390F	2
12	Wheel Bolt M22 ISO (Twin)	61386F	20
	Wheel Bolt M22 ISO (Single)	61388	20
16	Screw M8 x 16 Fl. Head	61358	12



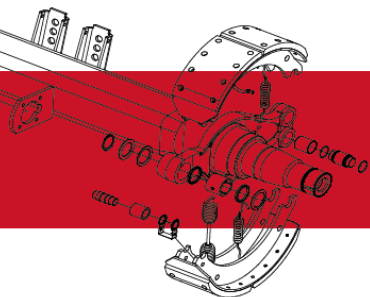
420 x 180 – 100 “A” Series Camshaft Parts List



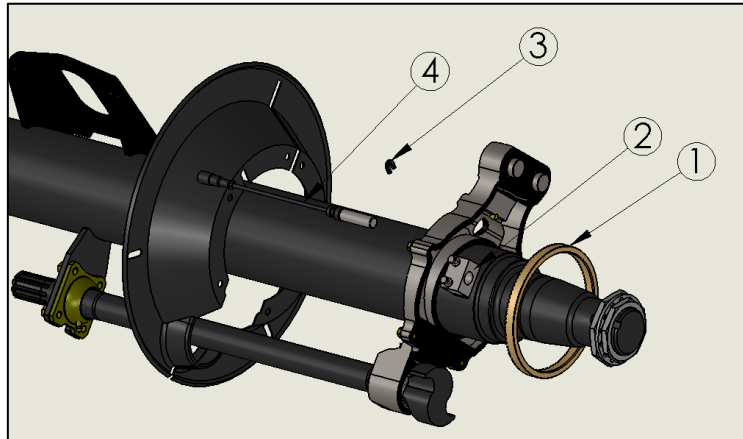
Item	Description (DIM A)	Part No.
1	Left Hand Large Head (519mm)	61065
2	Right Hand Large Head (519mm)	61075
3	Left Hand Large Head (618mm)	61067
4	Right Hand Large Head (618mm)	61077
5	Left Hand Large Head (189mm)	61127
6	Right Hand Large Head (189mm)	61147
7	Left Hand Large Head (212mm)	61061
8	Right Hand Large Head (212mm)	61071
9	Left Hand Large Head (250mm)	61138
10	Right Hand Large Head (250mm)	61148

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

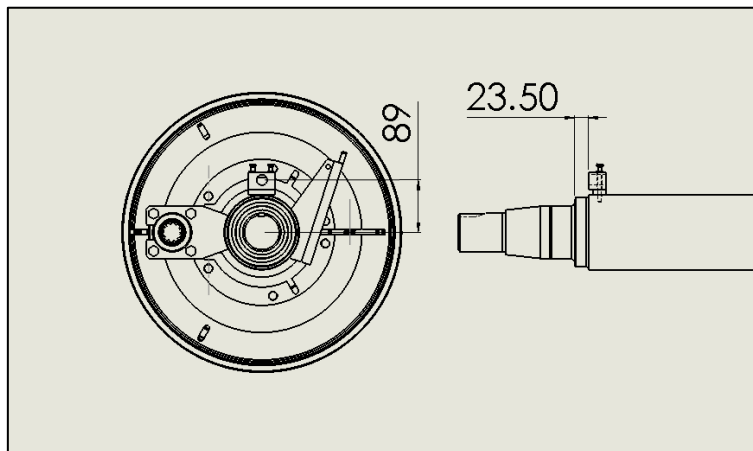
The illustrated camshaft is a right hand camshaft. When looking at the head of the camshaft a right hand cam is Z shaped and a left hand is S shaped.



420 x 180 – 100 “A” Series ABS/Anti-Lock Assembly



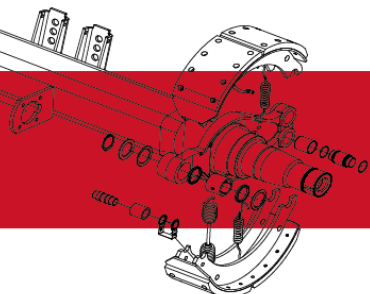
Item	Description	Part No.
1	Pole Wheel	61789
2	Sensor Block	61781
3	Dust Cover Grommet	61557
4	Straight Sensor Lead & Bush	61791



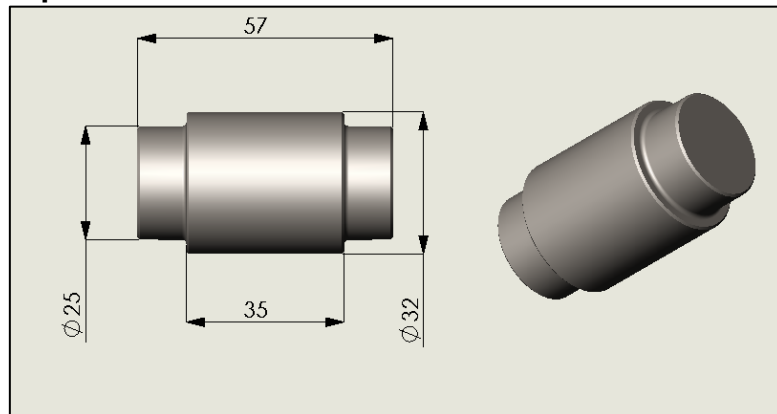
Pole wheel at 178mm PCD

Face of sensor block 23.5mm from large bearing shoulder

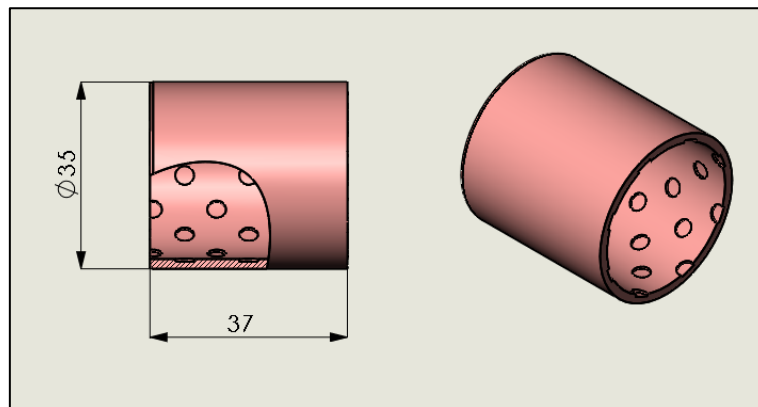
Bolt on ABS block (as shown above) is positioned 90 degrees to camshaft. Weld on style is 180 degrees to camshaft and is in line with hole in anchor bracket.



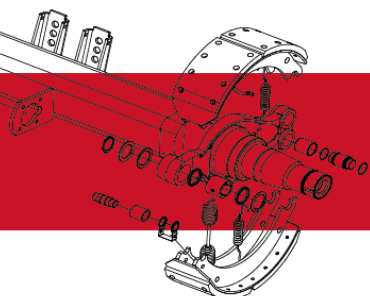
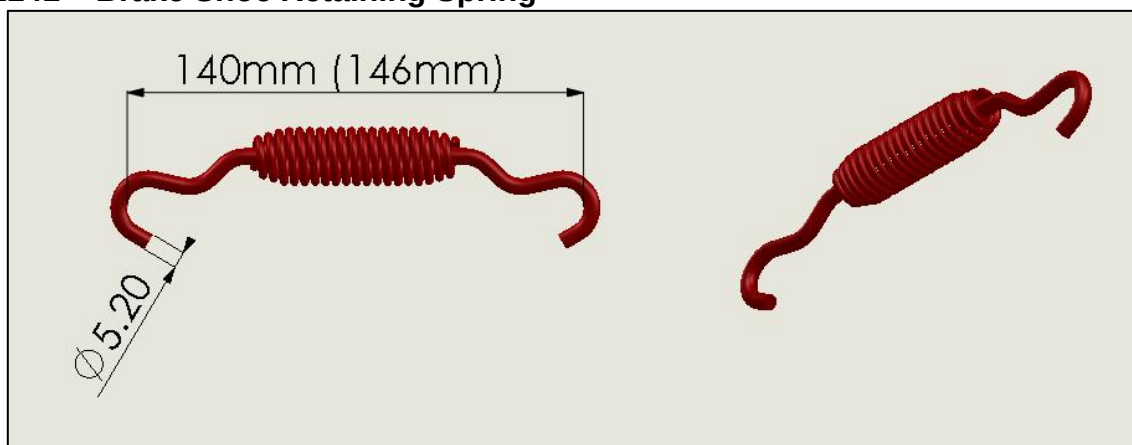
61171 – Anchor pin



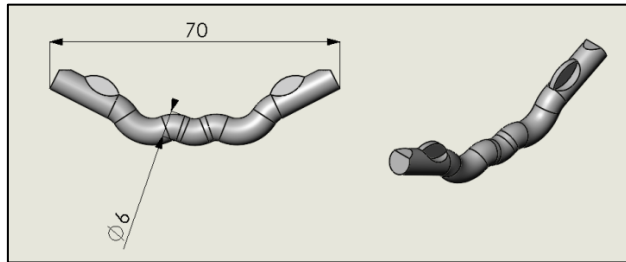
61200B – Bush Anchor Pin



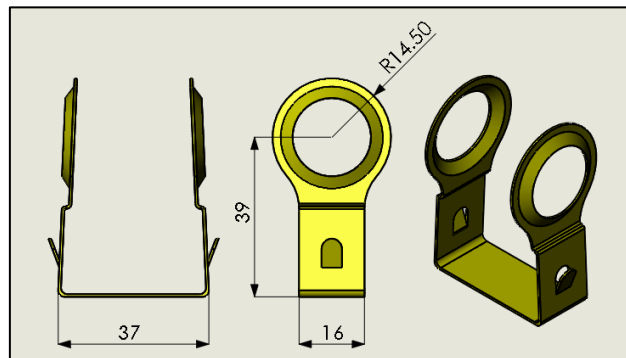
61141 – Brake Shoe Retaining Spring



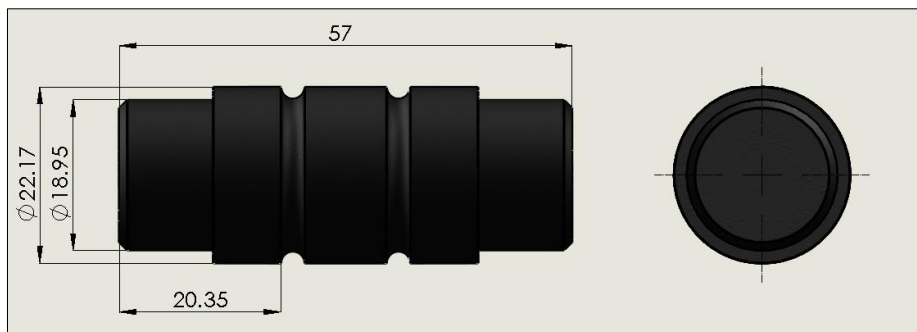
61150 – Spring Anchor Bar



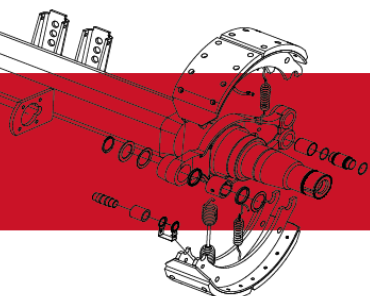
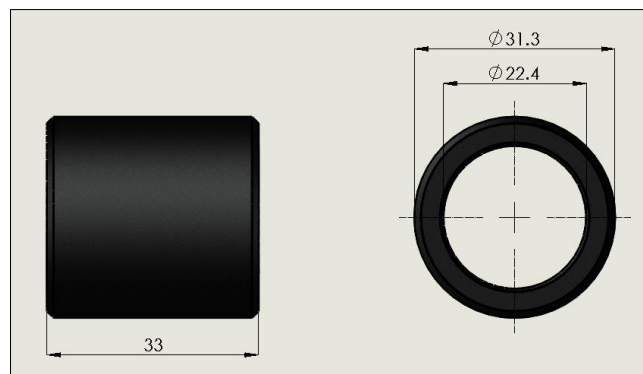
61220 – Retainer Cam Roller



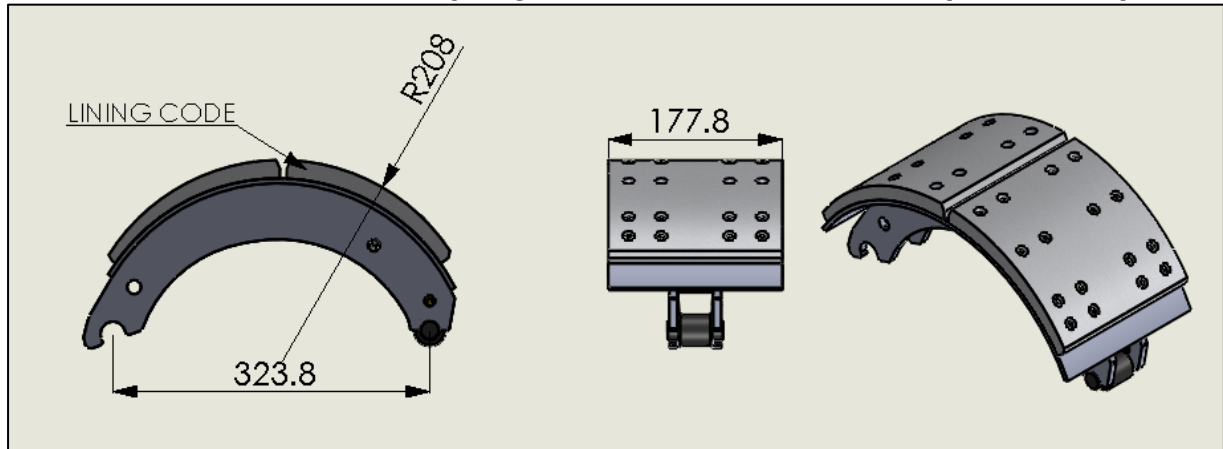
61230 – Cam Roller



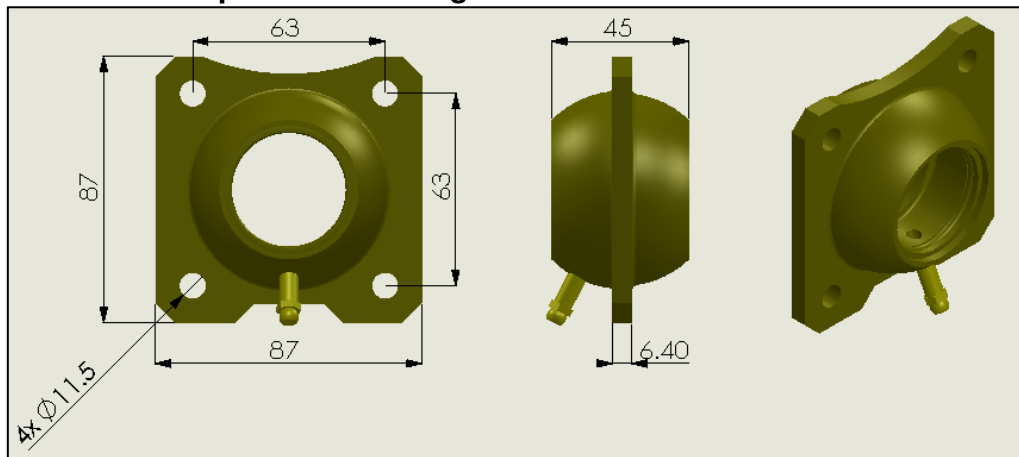
61210 – Sleeve Cam Roller



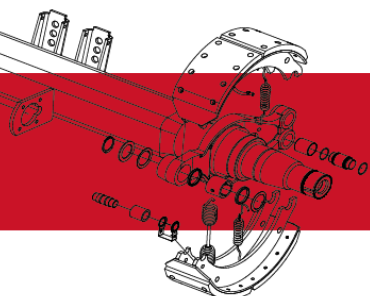
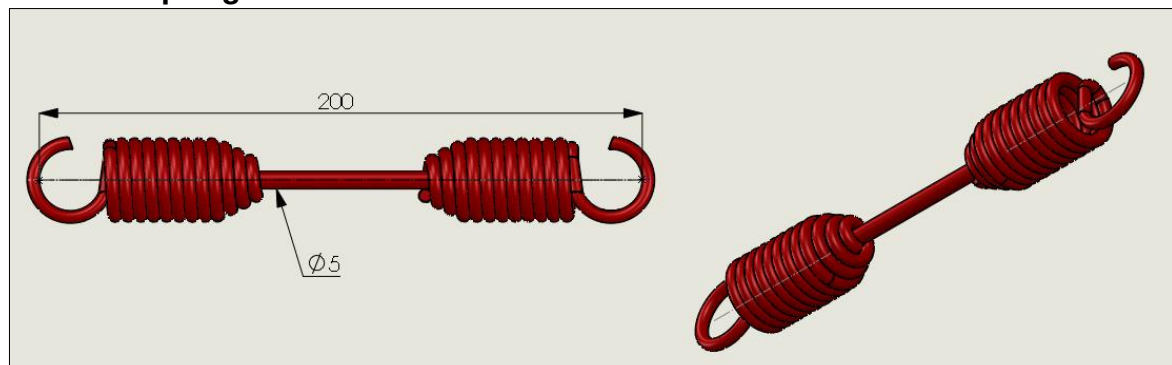
61157GA – Brake shoe with spring anchor bar and cam roller (GLAT26-29)



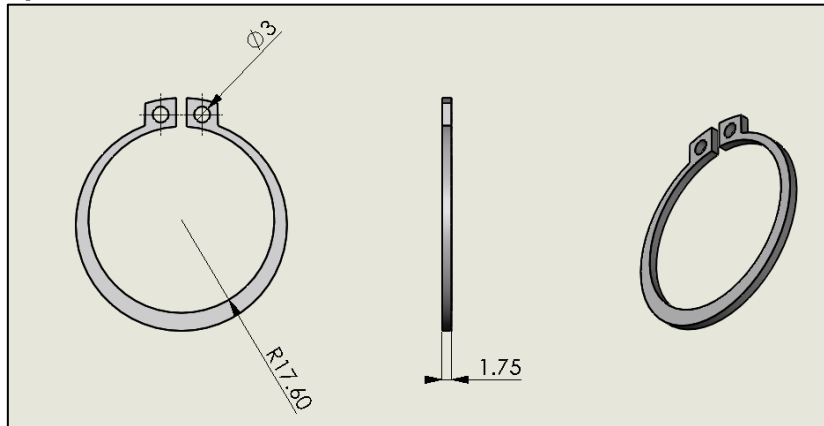
61080 – Camshaft Spherical Bearing



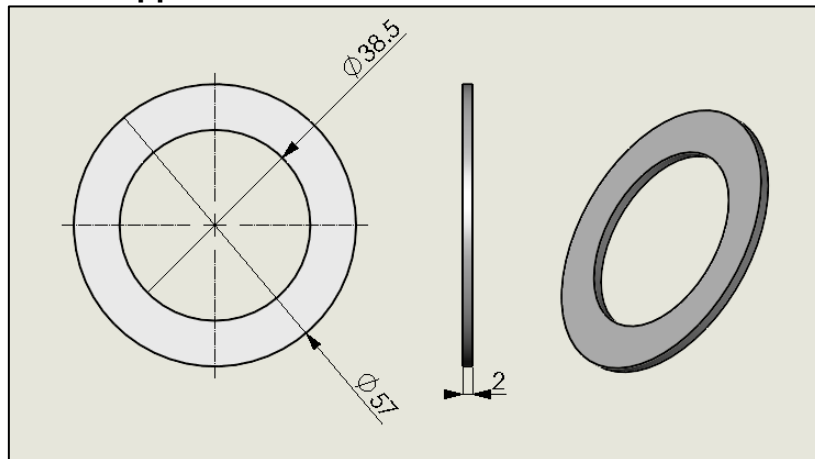
61140A – Spring Return



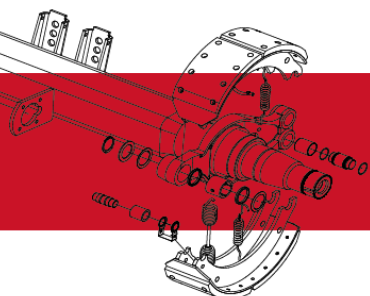
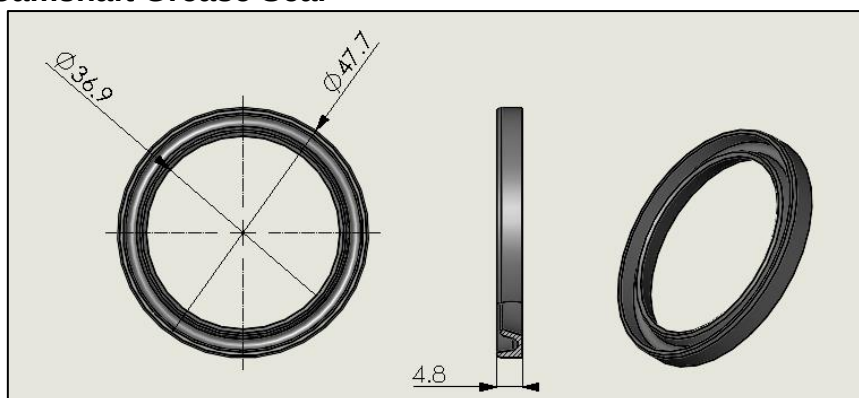
61120 – Circlip



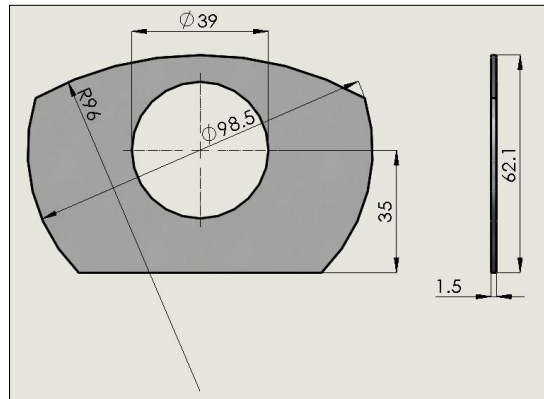
61058 – Camshaft Support Washer



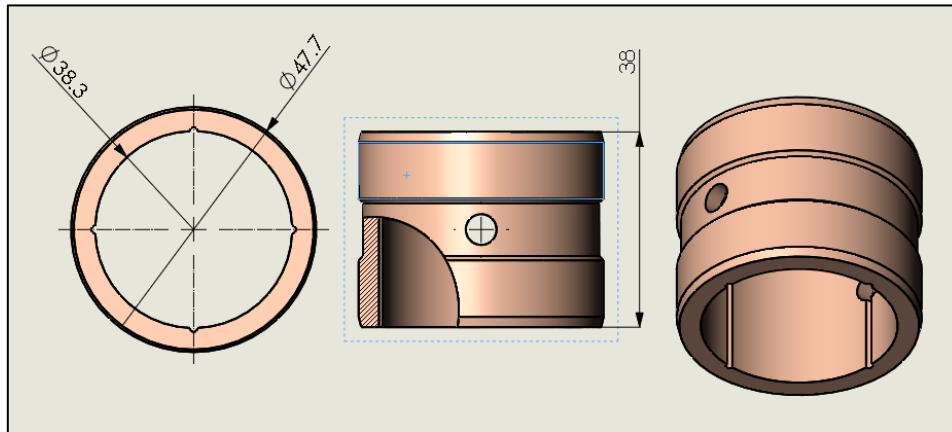
61056 – Camshaft Grease Seal



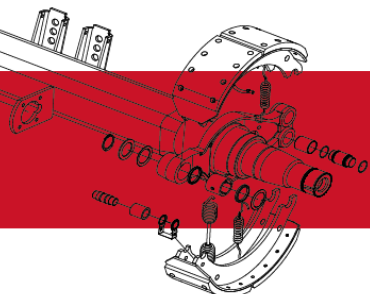
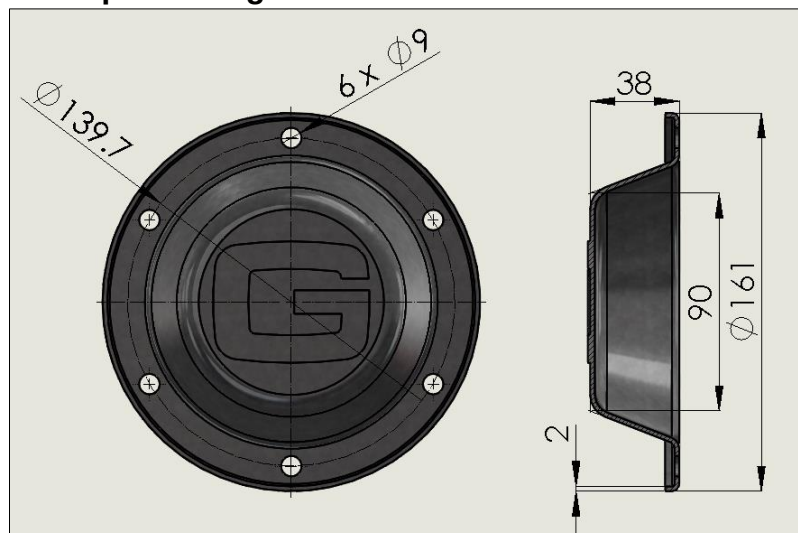
61060 - Camshaft Flat Washer



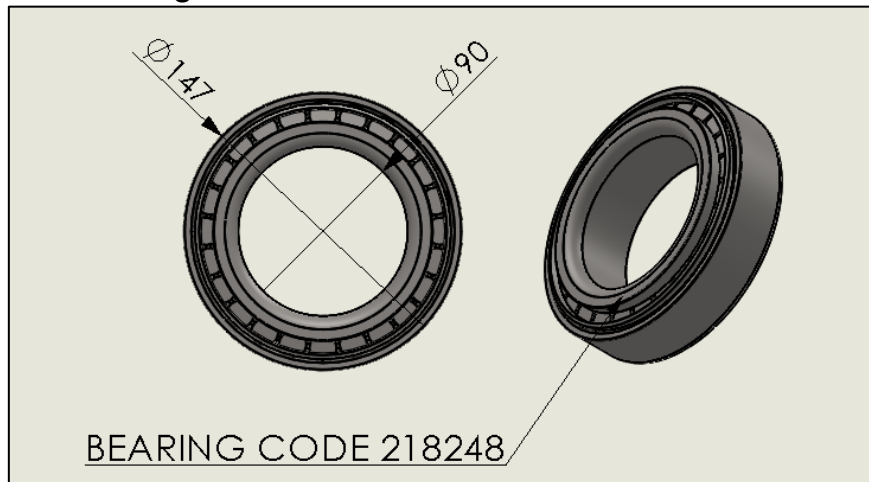
61055 - Camshaft Sintered Bush



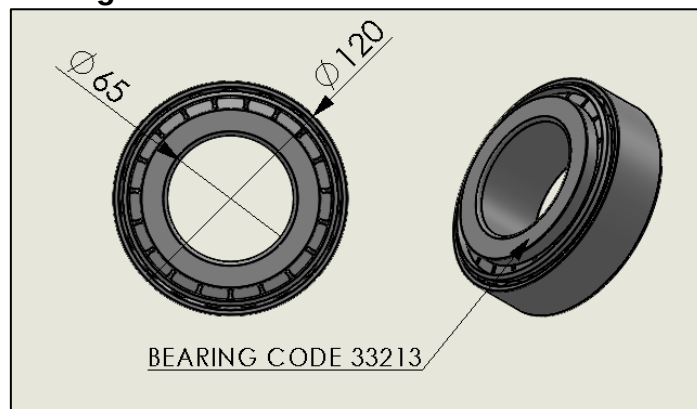
61322A - G Hub Cap Pressing



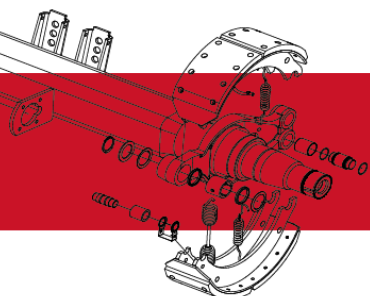
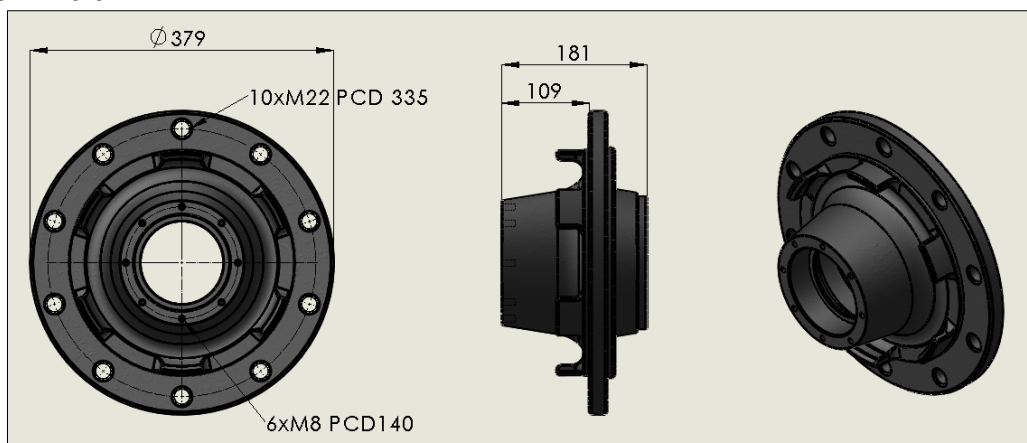
61260F – Inner Bearing and Cone



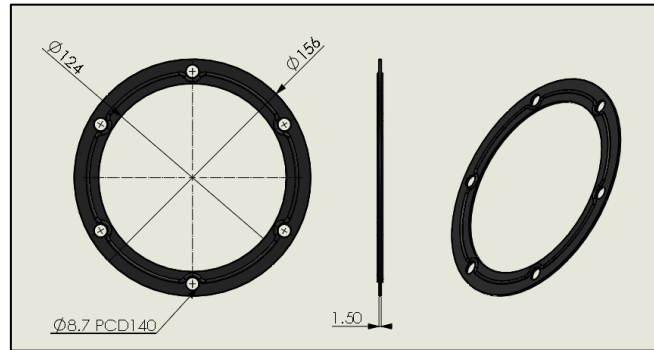
61270F – Outer Bearing and Cone



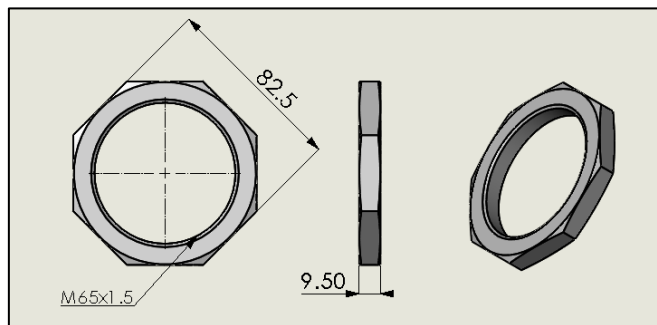
61253 – Hub



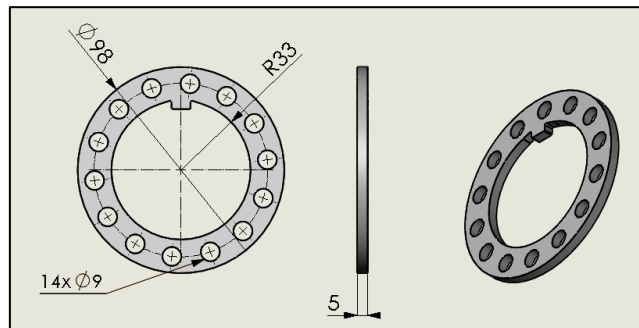
61330A – Gasket



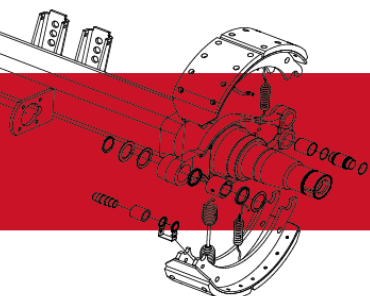
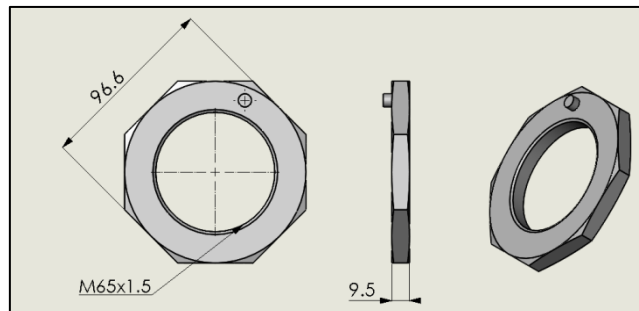
61310 – Locknut



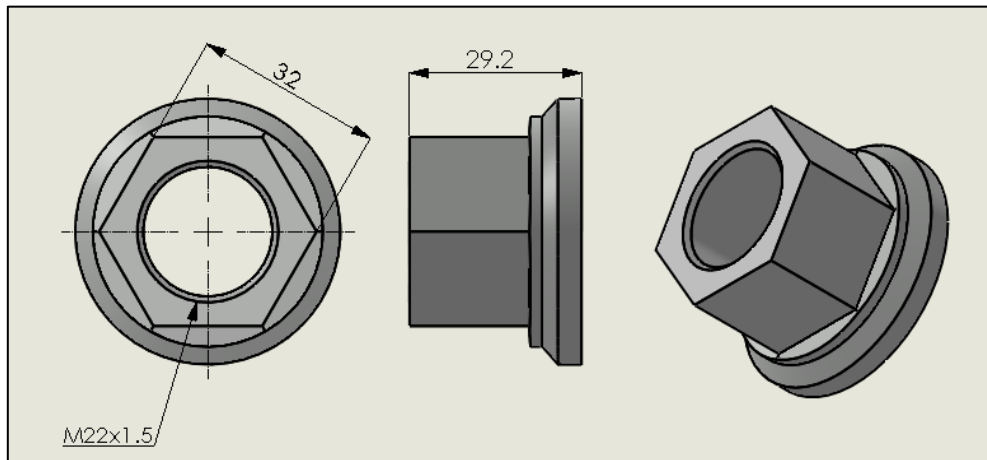
61300 – Lock Washer



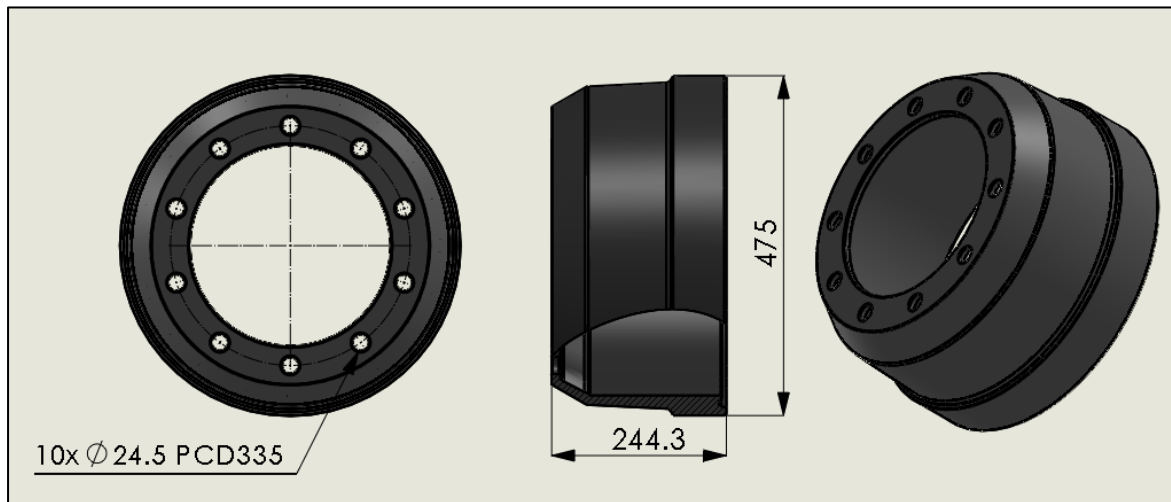
61290 – Adjusting Nut



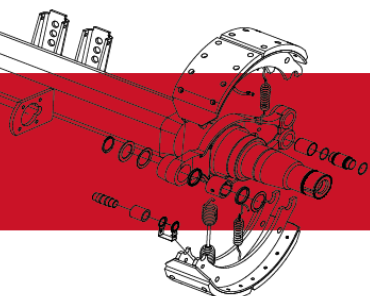
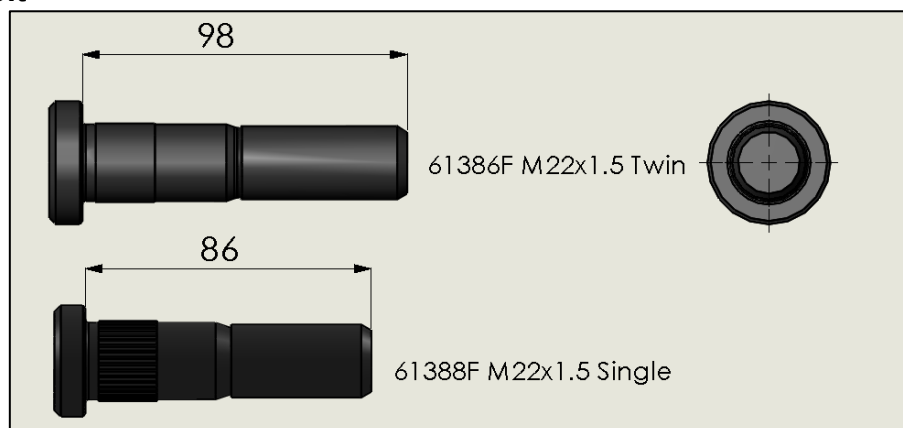
61381Z – ISO Wheel Nut M22



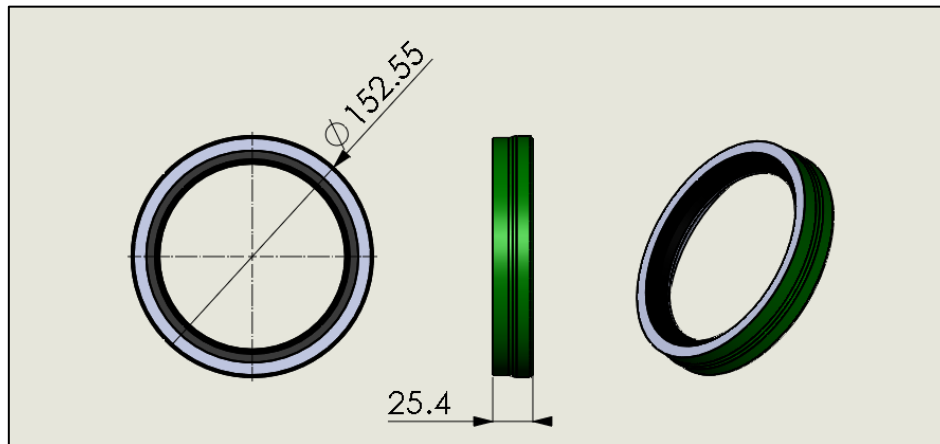
61243F – Brake Drum



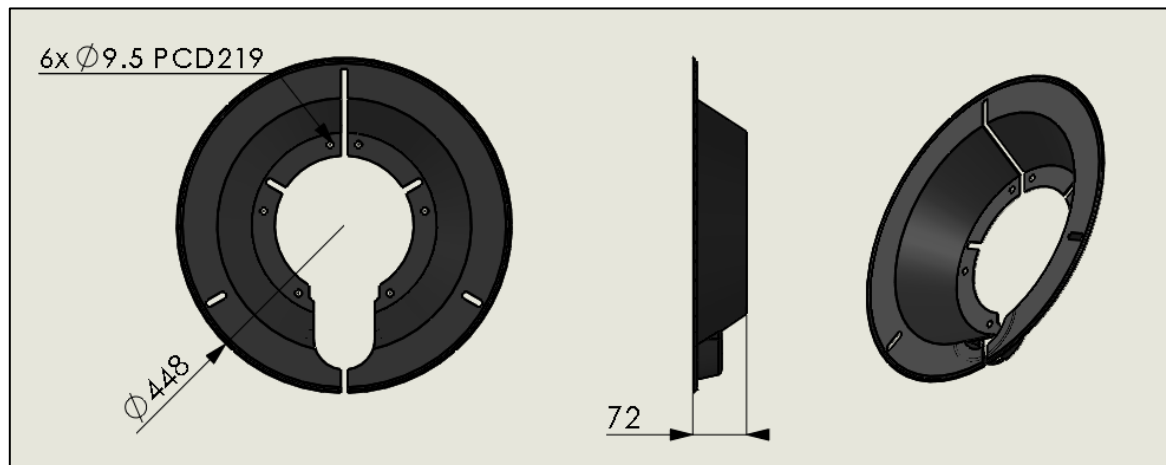
Wheel Bolt



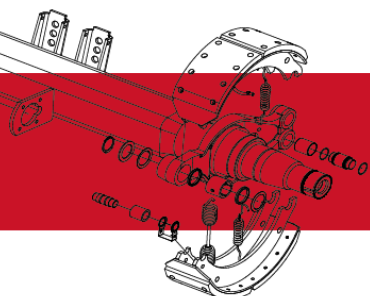
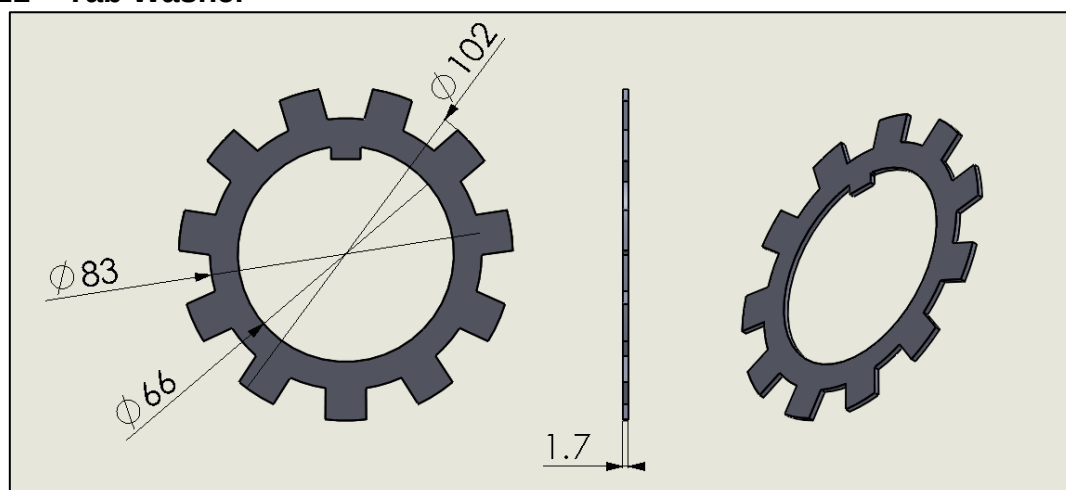
61282F – Unitised Grease Seal

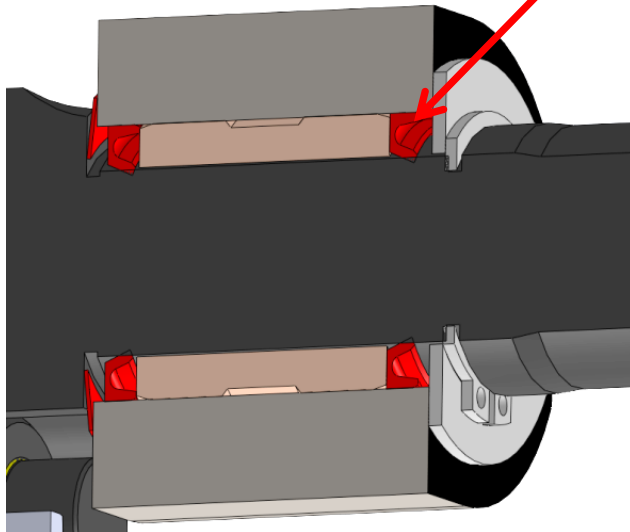
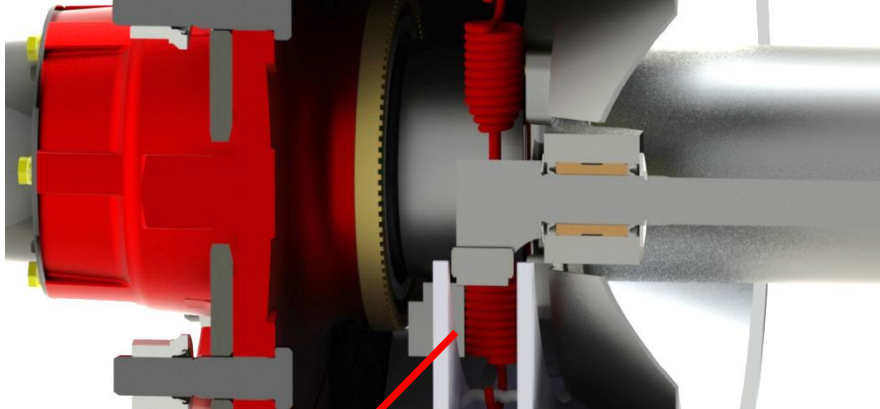


61390F – Dust Cover

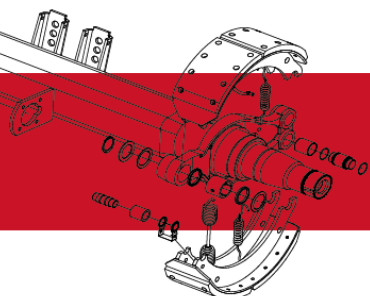


61311 – Tab Washer



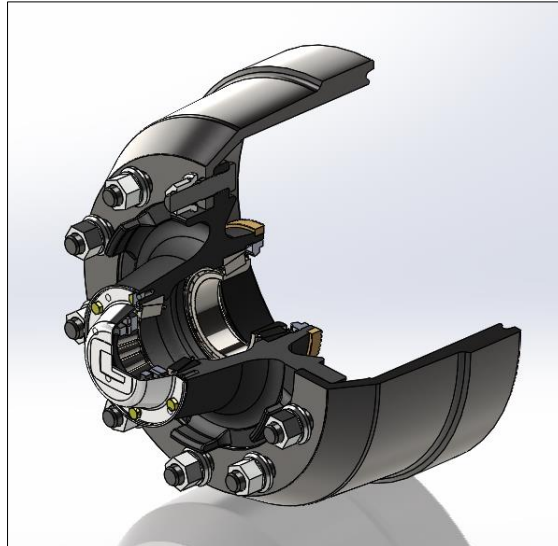


The direction of the grease seals in the anchor bracket is important as well as the position of the beveled washer between the anchor bracket and camshaft head.



Ordering Of Sub-Assemblies

It is possible to order sub-assemblies of parts from Granning rather than ordering individual parts.

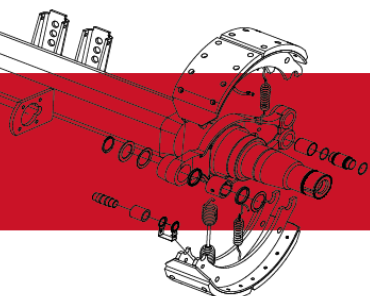


71001A – Single Wheel Stud Hub and Drum Assembly
71001AW – 71001A with 1 x 100 tooth pole wheel 61789

Part Number	Quantity	Description
61243F	1	Drum
61253F	1	Hub
61270F	1	Outer Bearing
61260F	1	Inner Bearing
61388F	10	Single wheel stud
61381Z	10	ISO wheel nut

71004A – Twin Wheel Stud Hub and Drum Assembly
71004AW – 71004A with 1 x 100 tooth pole wheel 61789

Part Number	Quantity	Description
61243F	1	Drum
61253F	1	Hub
61270F	1	Outer bearing
61260F	1	Inner bearing
61386F	10	Twin wheel stud
61381Z	10	ISO wheel nut



HCL-A – Hub Cap and spindle nut assembly

Part Number	Quantity	Description
61330A	2	Gasket
61322A	2	Hub cap - Silver
61351	12	M8 bolts
61310	2	Lock nut
61300	2	Lock washer
61311	2	Tab washer
61290	2	Adjusting nut
61353	12	M8 spring washer

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.

