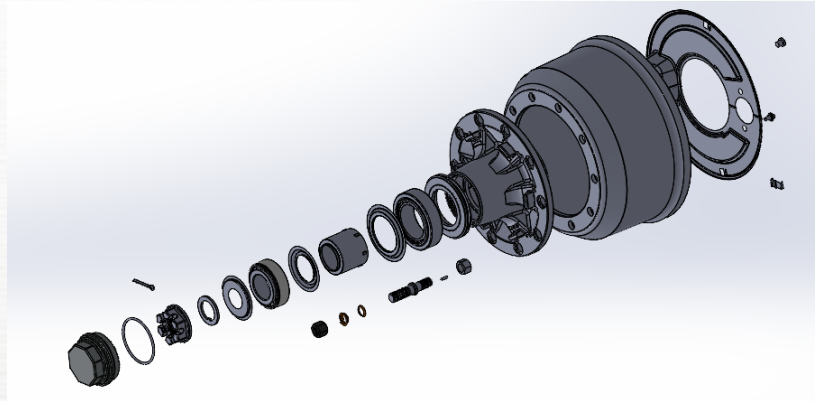




Axle Bill Of Materials

250 Series 420x180

80281 Rev C October 2022

420 X 180 – 250 SERIES AXLES



Axle components rated to carry 14000kg

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

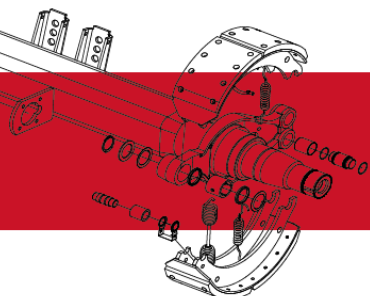
Available in wheel stud.

Internal Drum Arrangement

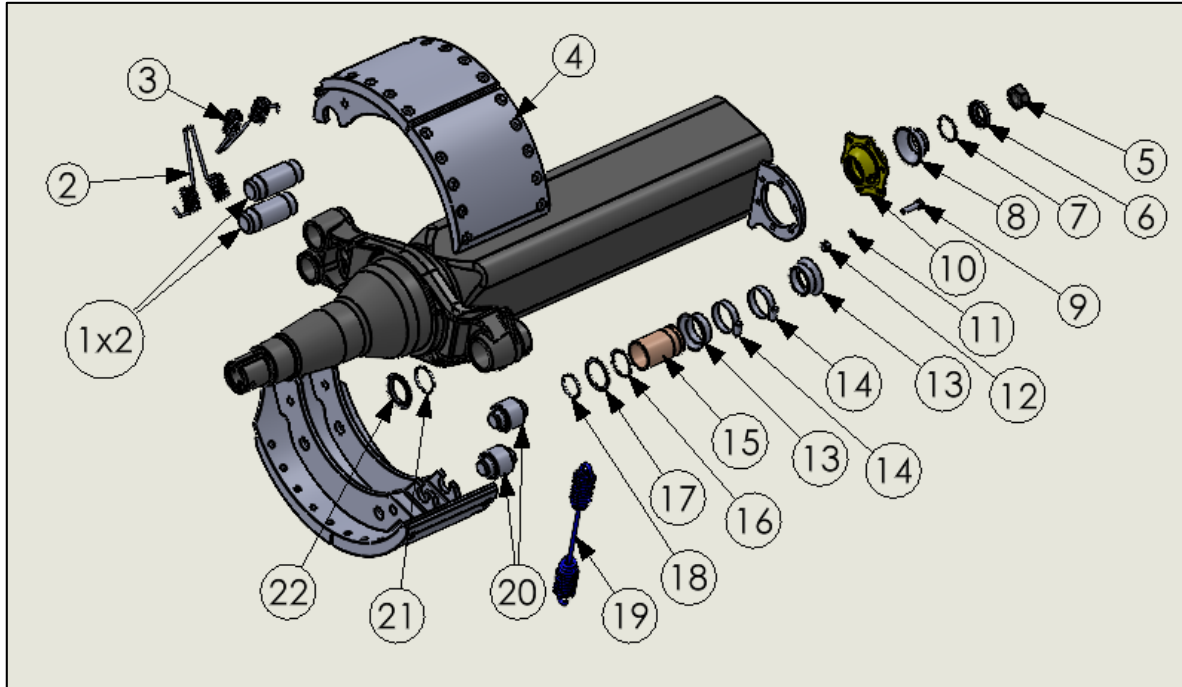
10 spline camshaft. Available in 150mm Square Beam only.

Service manual available on website

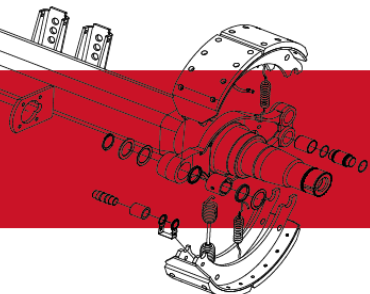
Please see following pages for part identification



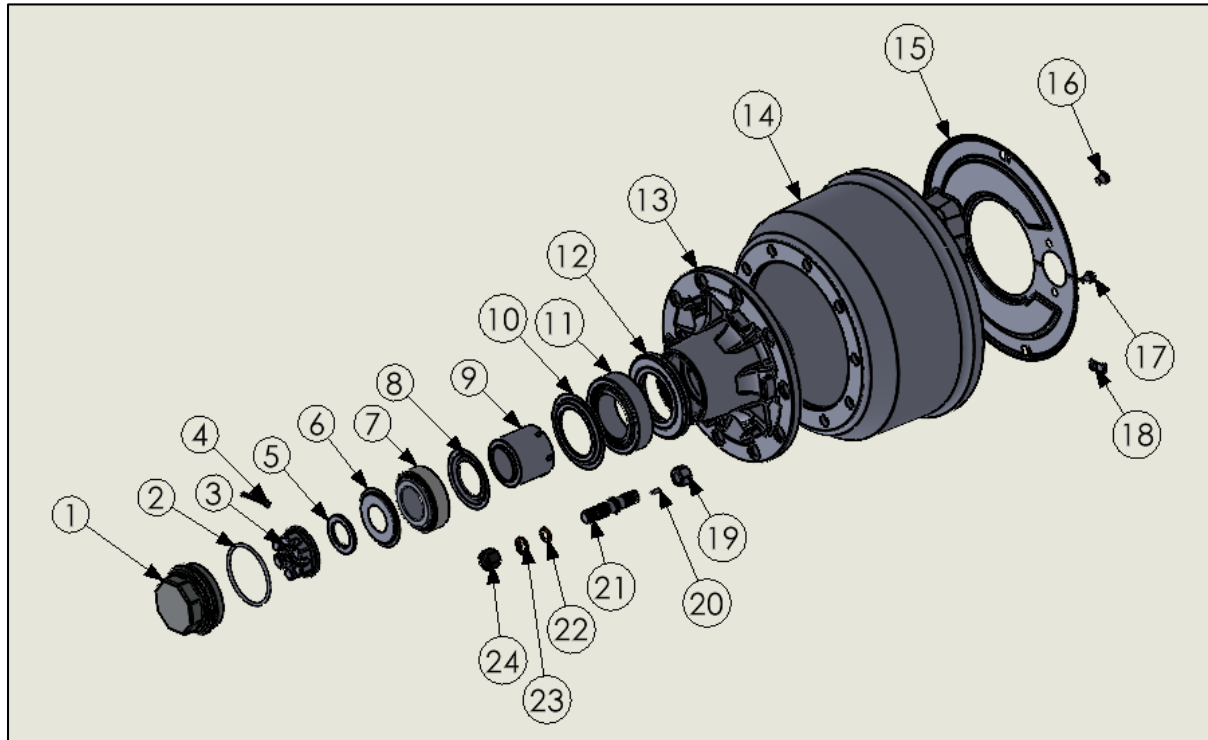
420 x 180 – 250 Series Brake Shoe Assembly



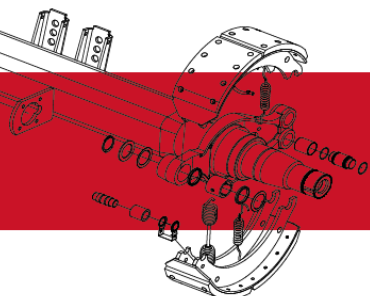
Item	Description	Part No.	QTY per Axle.
1	Anchor Pin	62136	4
2	Brake Retaining Spring (Loop)	62121	2
3	Brake Retaining Spring (Hook)	62120	2
4	Brake Shoe Assembly	62119	4
5	Camshaft nut	62105	2
6	Camshaft nut cover	62144	2
7	Camshaft snap ring	61811	2
8	Spherical bearing dust shield	62141	2
9	Hex Bolt M8x30	61831	12
10	Spherical Bearing	61810	2
11	Spherical Bearing Washer	61833	12
12	Spherical Bearing Nut	61832	12
13	Camshaft Dust Shield	61808	4
14	Jubilee clip	61809	4
15	Camshaft Bushing	61829	2
16	Camshaft Circlip	61807	2
17	Camshaft Washer	61806	2
18	Camshaft Dia 37 O Ring	61830	2
19	Brake Shoe Return Spring	62122	2
20	Anchor Pin	62123	4
21	Camshaft Dia 41.6 O Ring	61828	2
22	Camshaft D Washer	61805	2



420 x 180 – 250 Series Hub/Drum Assembly Internal Drum

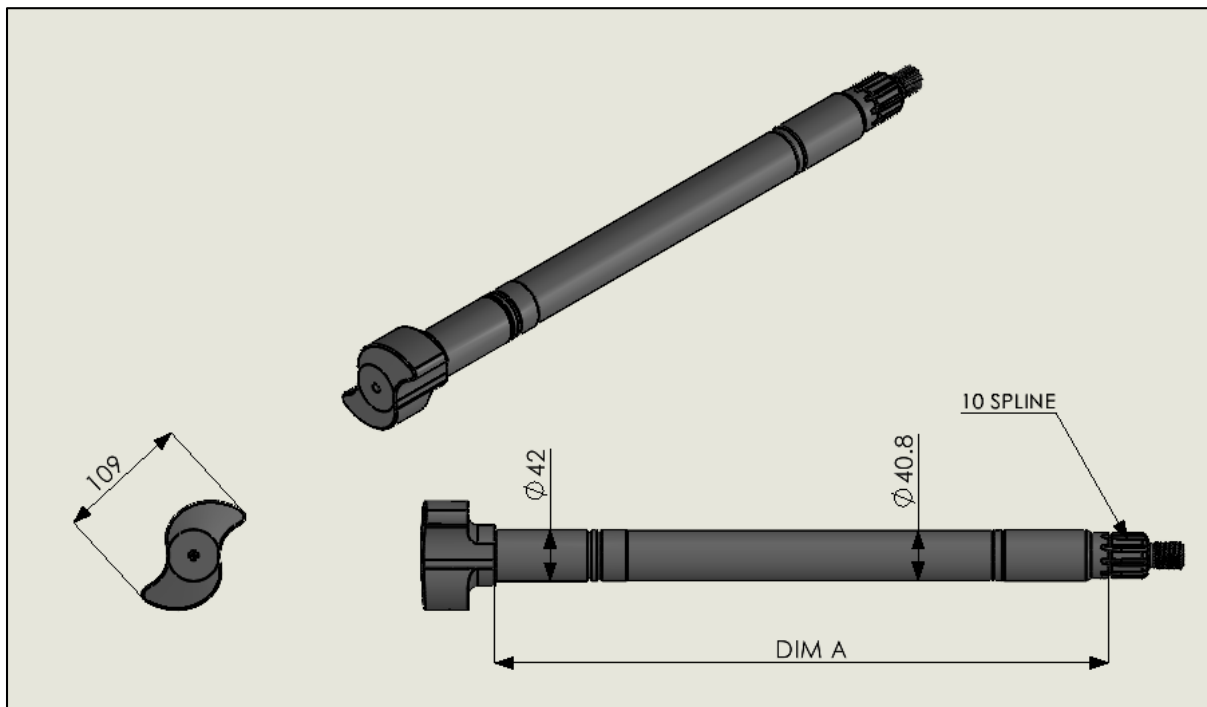


Item	Description	Part Number	QTY per Axle
1	Hub Cap	62114	2
2	Hub Cap Seal	62115	2
3	Spindle Castle Nut	62110	2
4	Split Pin	62111	2
5	Spindle Washer	62113	2
6	Pressed Washer	62112	2
7	Outer Bearing 33213	61265	2
8	Hub Baffle Outer	62133	2
9	Hub Baffle Cylinder	62132	2
10	Hub Baffle Inner	62131	2
11	Inner Bearing 33118	62130	2
12	Hub Seal	62135	2
13	Hub	62124	2
14	Drum	62126	2
15	Dust Cover	62134	2
16	Dust Cover Plug	62143	2
17	Dust Cover Bolt	62137	8
18	Dust Cover View Plug	62142	4



19	Internal Wheel Bolt Nut	62100	20
20	Wheel Stud Pin	61834	20
21	Wheel Stud M22x125mm	62127	20
22	Din Inner Washer	61371	20
23	Din Outer Washer	61372	20
24	Din Wheel Nut	61383	20

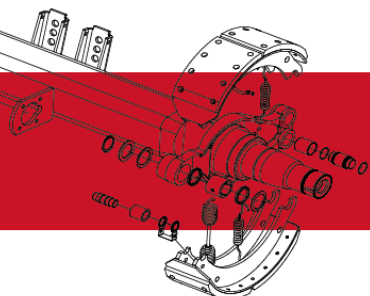
420 x 180 – 250 Series 10 Spline Camshaft Parts List



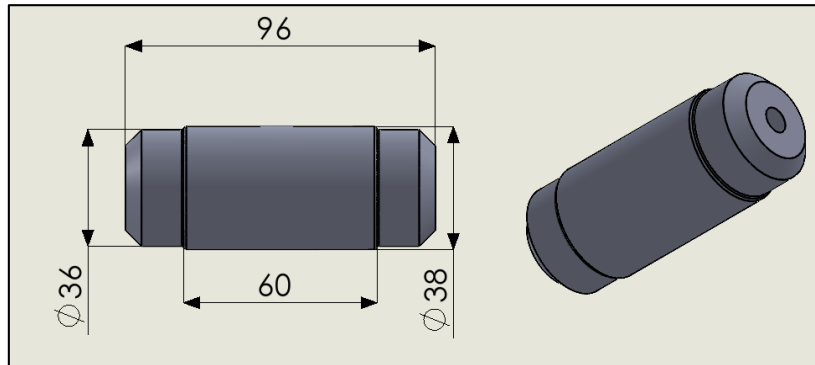
Dimension A	Part No.
623mm – Left Hand Large Head	62117
623mm – Right Hand Large Head	62118
663mm – Left Hand Large Head	62139
663mm – Right Hand Large Head	62140
280mm – Left Hand Large Head	
280mm – Right Hand Large Head	

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

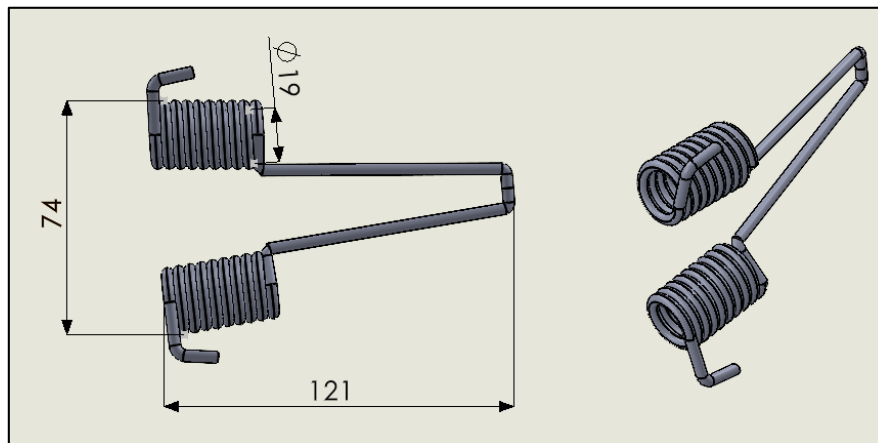
The illustrated camshaft is a left hand camshaft. When looking at the head of the camshaft a right hand cam is Z shaped and a left hand is S shaped.



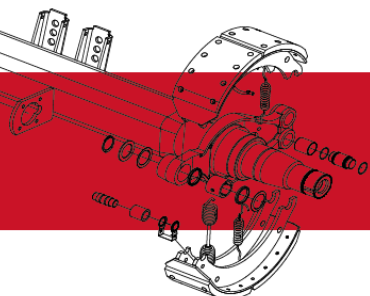
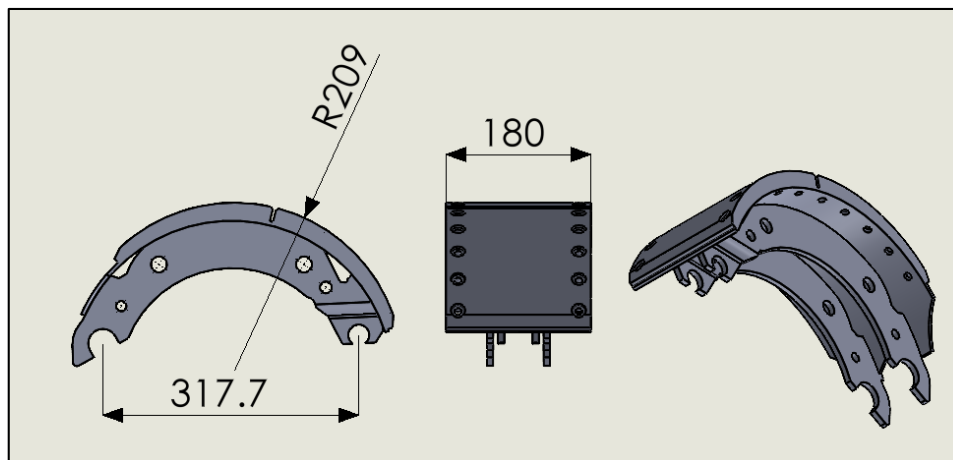
62136 – Anchor Pin



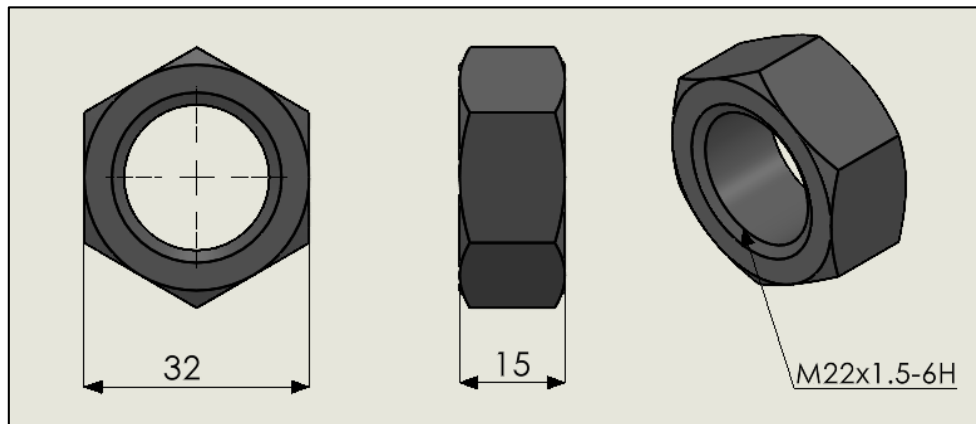
62121 Brake Retaining Spring (Loop), 62120 Brake Retaining Spring (Hook)



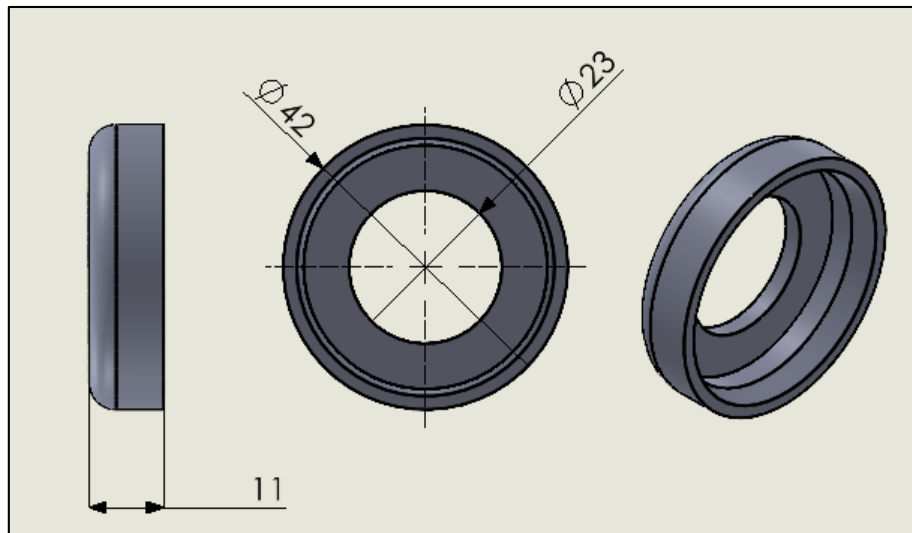
62119– Brake Shoe Assembly



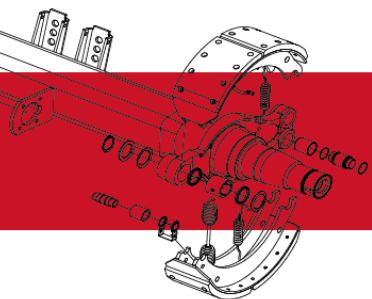
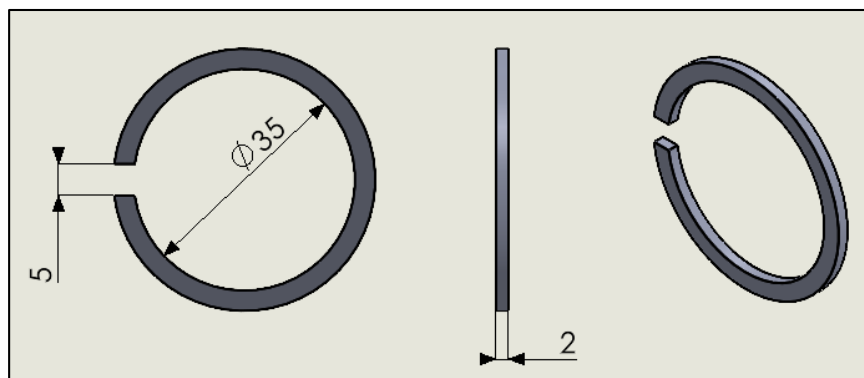
62105 – Camshaft Nut



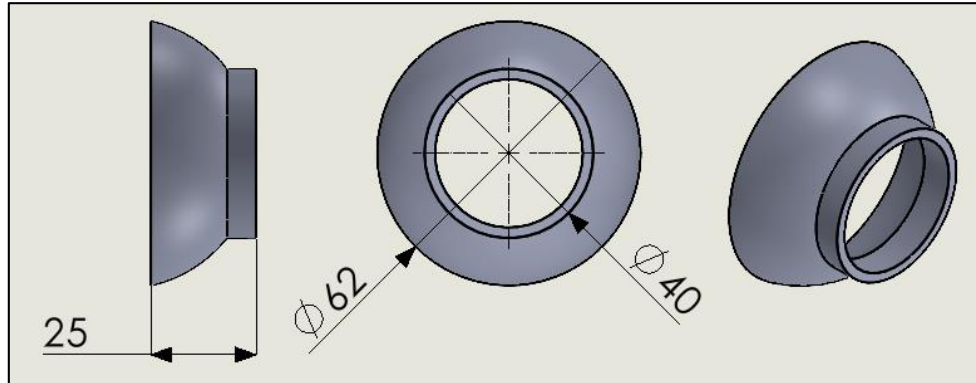
62144 – Camshaft Nut Cover



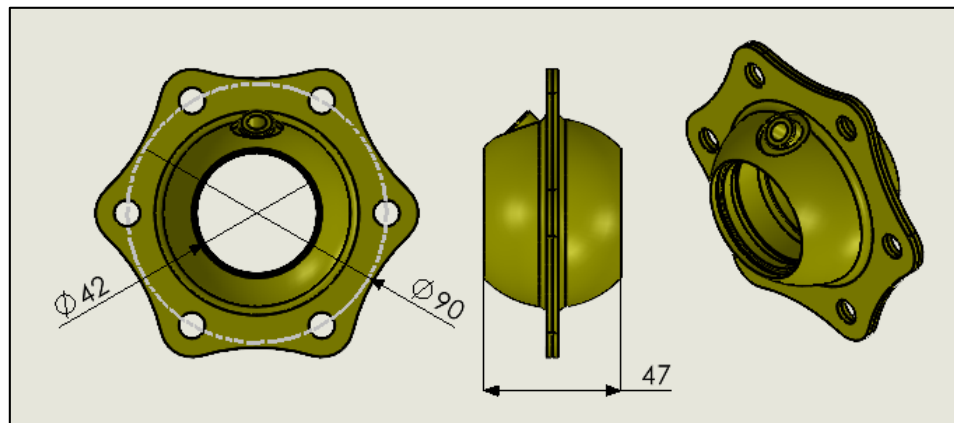
61811 – Retainer Cam Roller



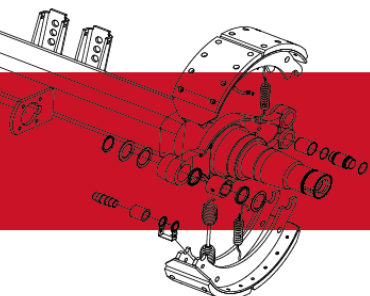
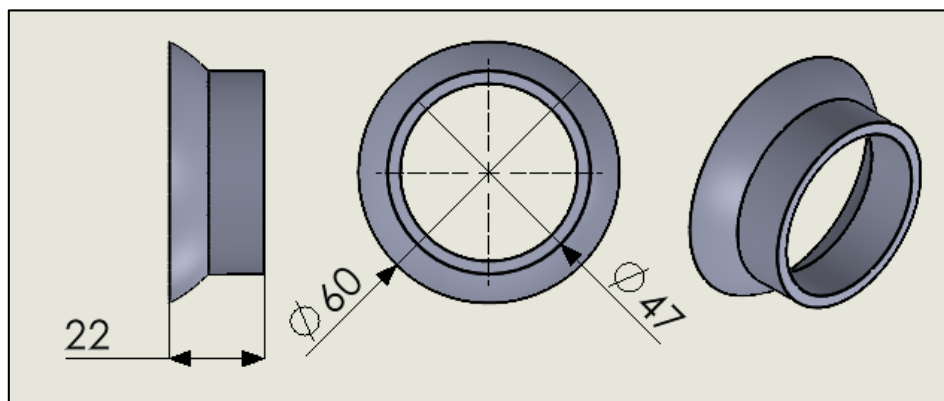
62141 – Spherical Bearing Dust Shield



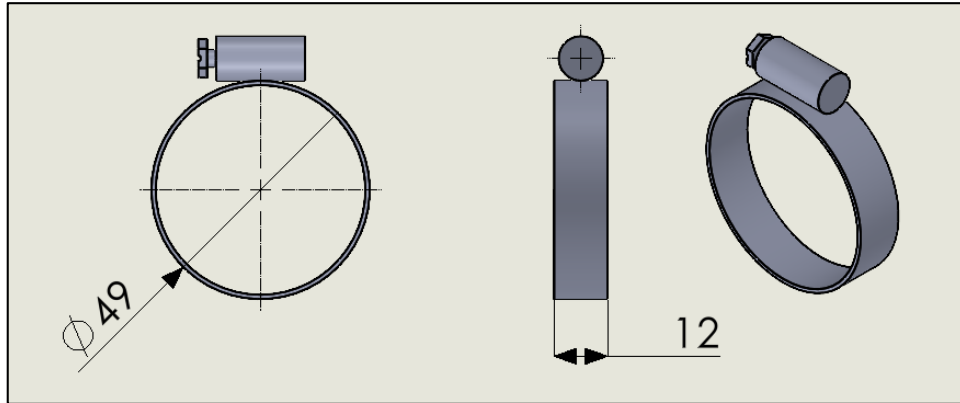
61810 – Spherical Bearing



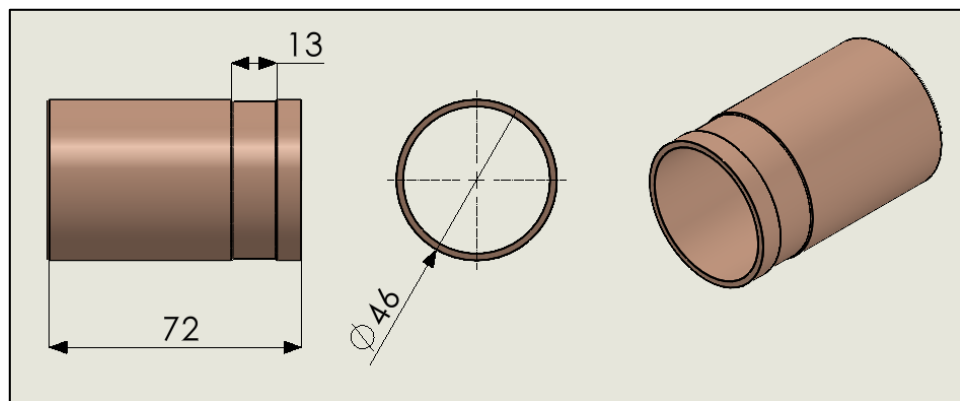
61808 – Camshaft Dust Shield



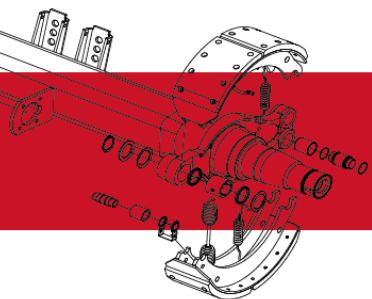
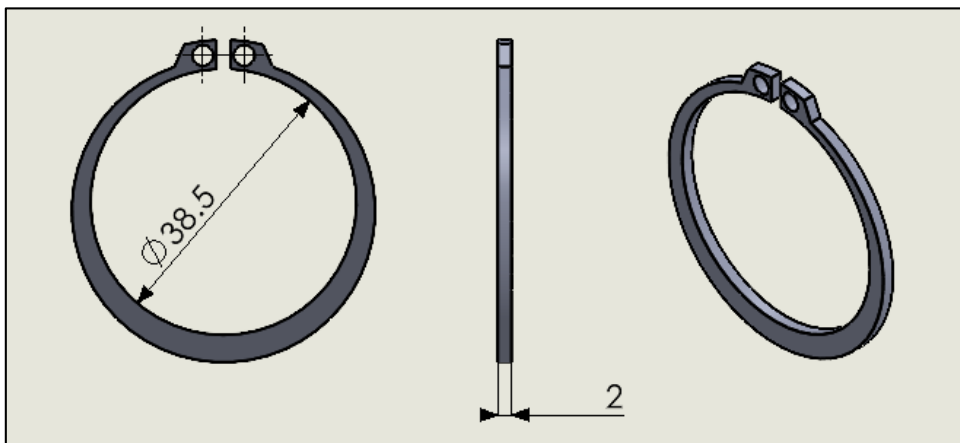
61809 – Jubilee Clip



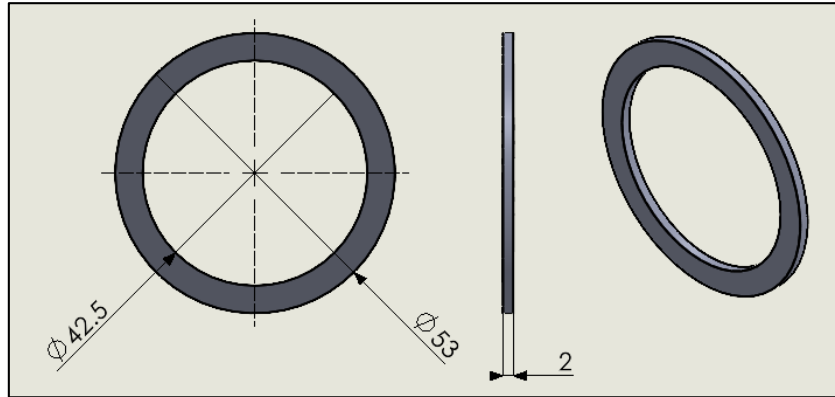
61829 – Camshaft Bushing



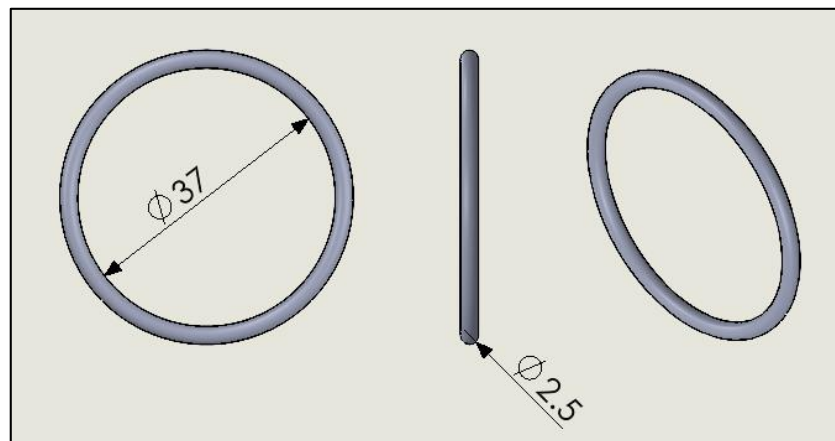
61807 - Camshaft Circlip



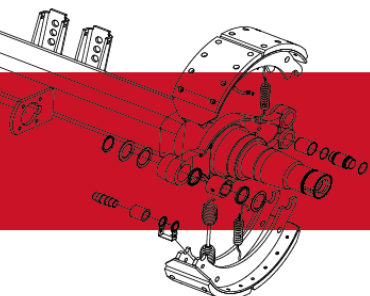
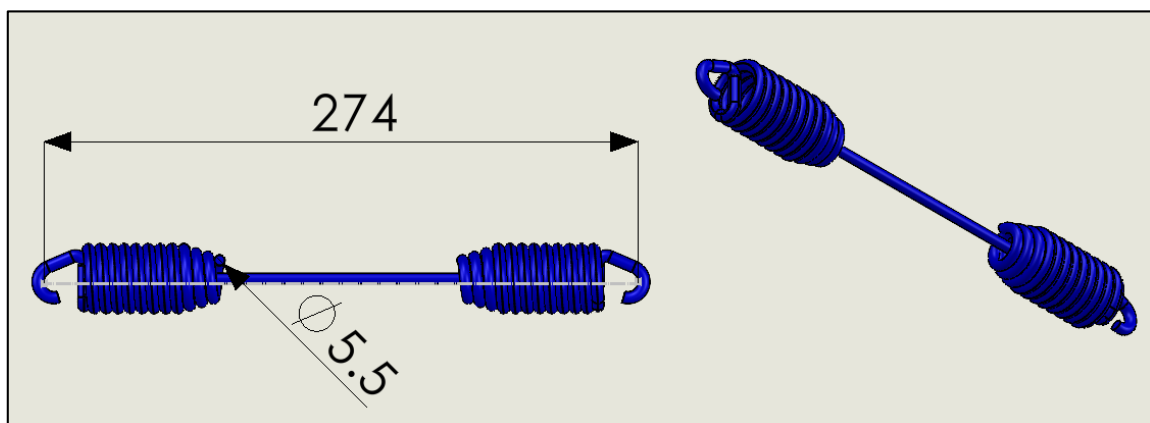
61806 - Camshaft Washer



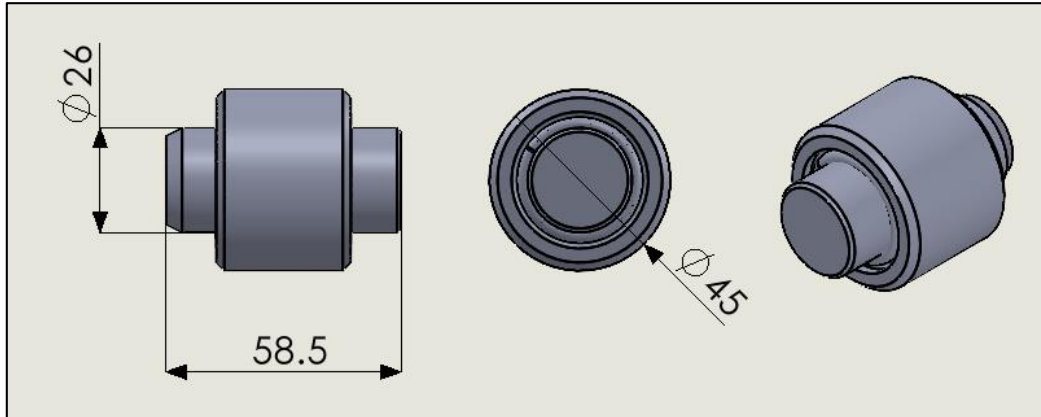
61830 - Camshaft Dia 37 O Ring



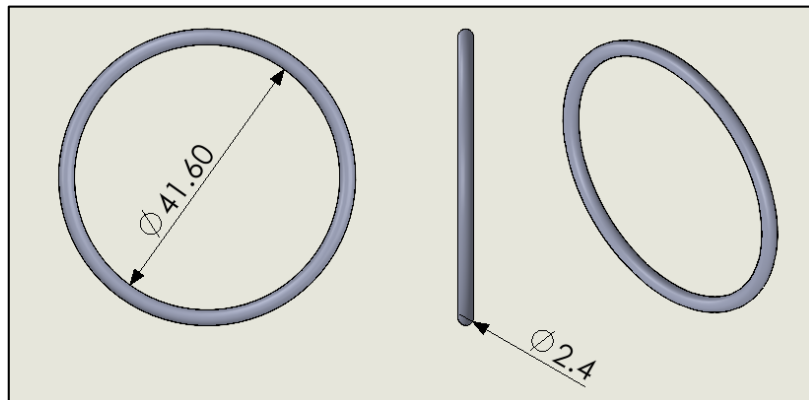
62122 - Brake Shoe Return Spring



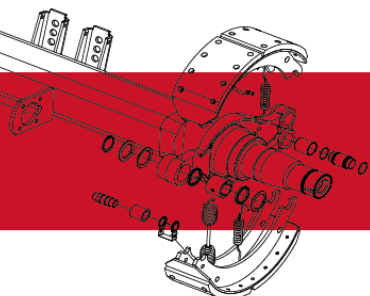
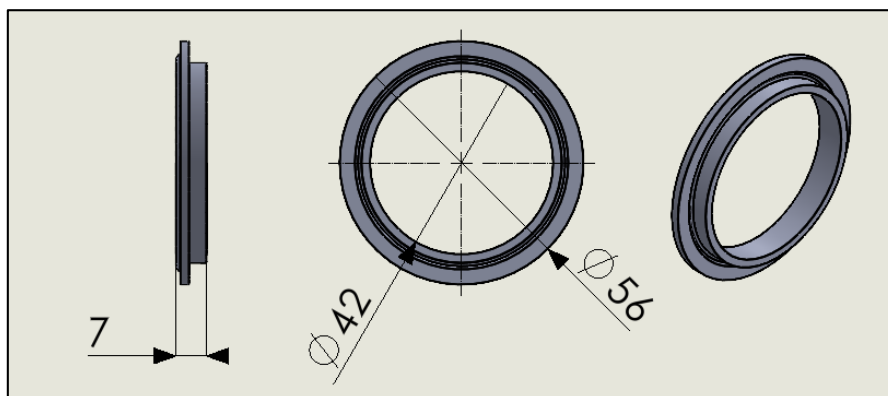
62123 – Cam Roller



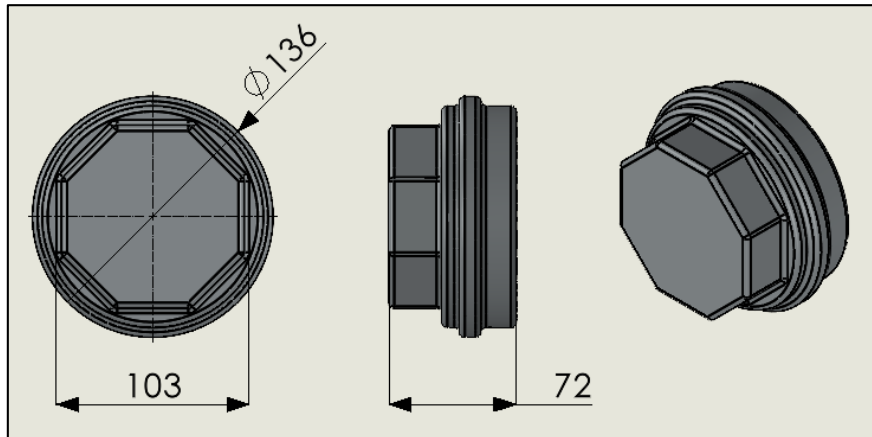
61828 – Camshaft Dia 41.6 O Ring



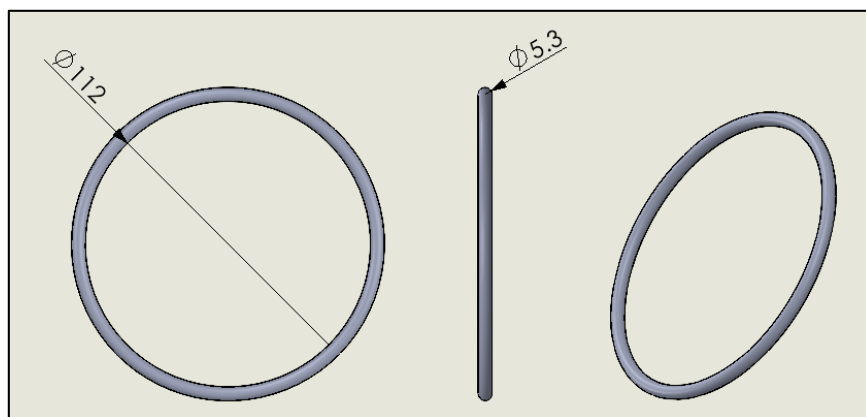
61805 – Camshaft D Washer



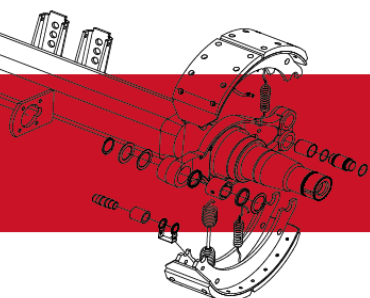
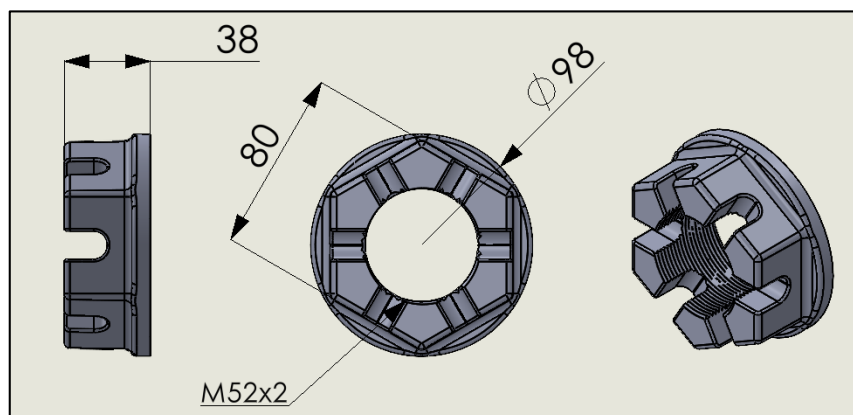
62114 – Hub Cap



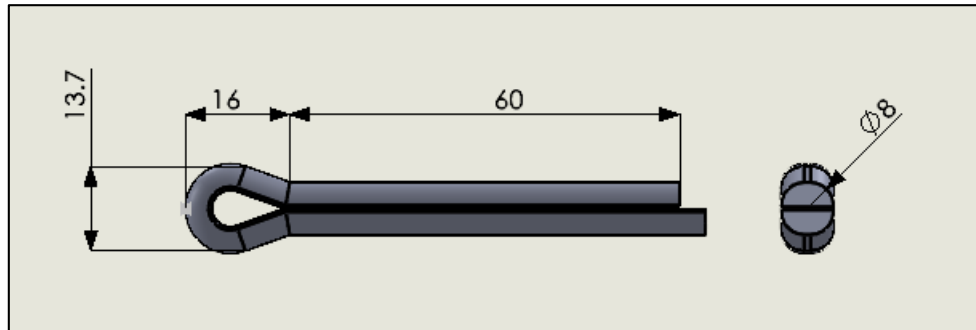
62115 – Hub Cap Seal



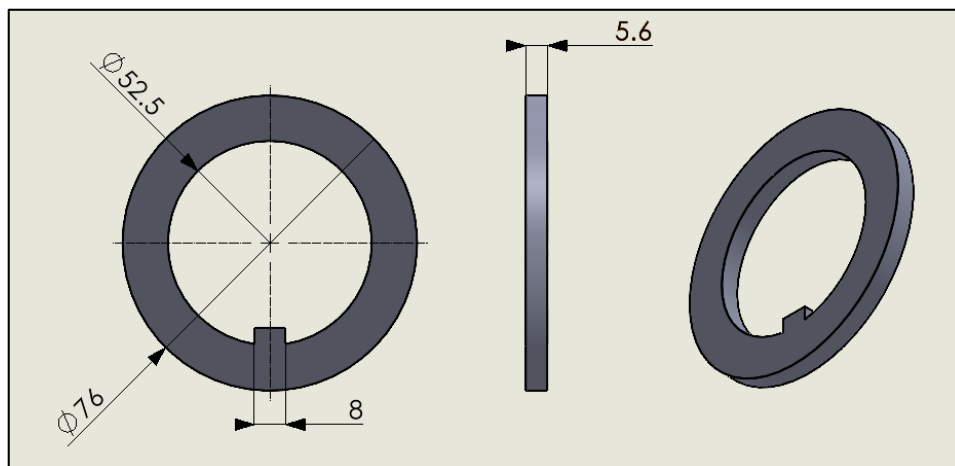
62110 – Spindle Castle Nut



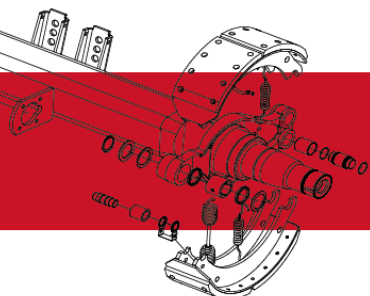
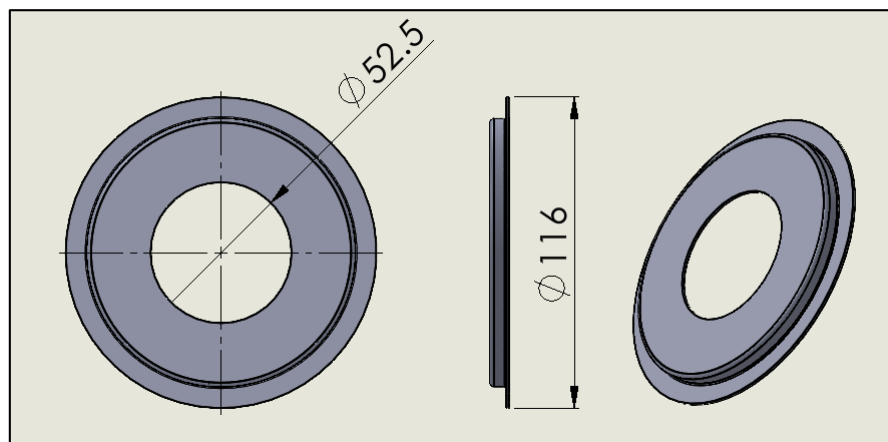
62111 – Split Pin



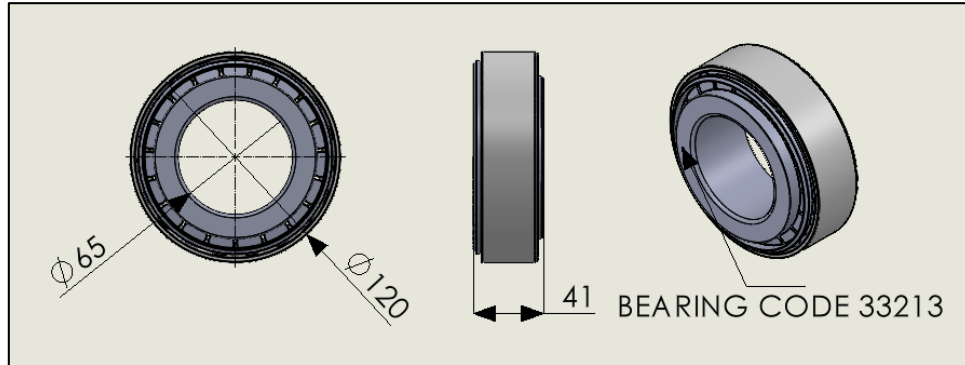
62113 – Spindle Washer



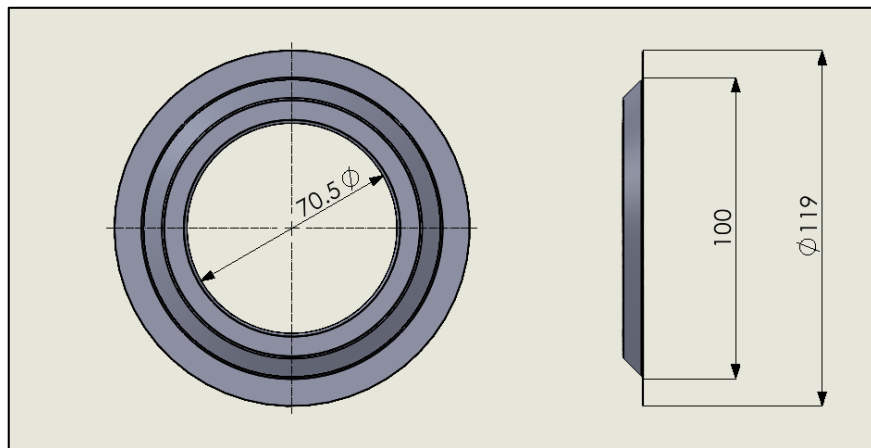
62112 – Pressed Washer



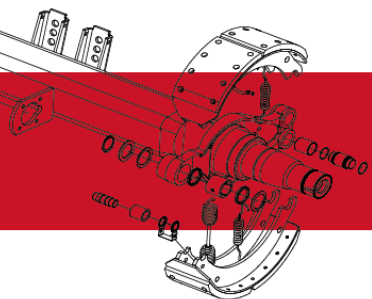
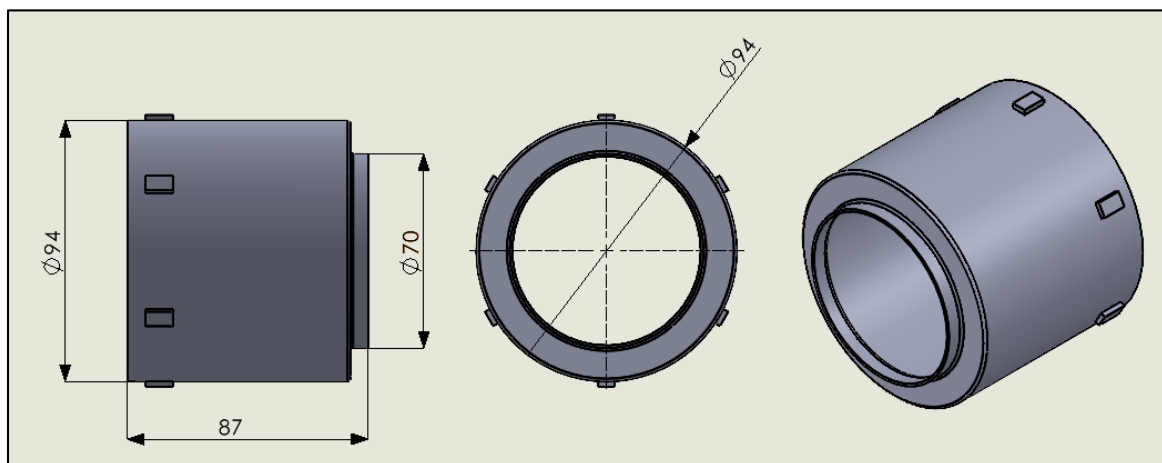
33213 – Outer Bearing



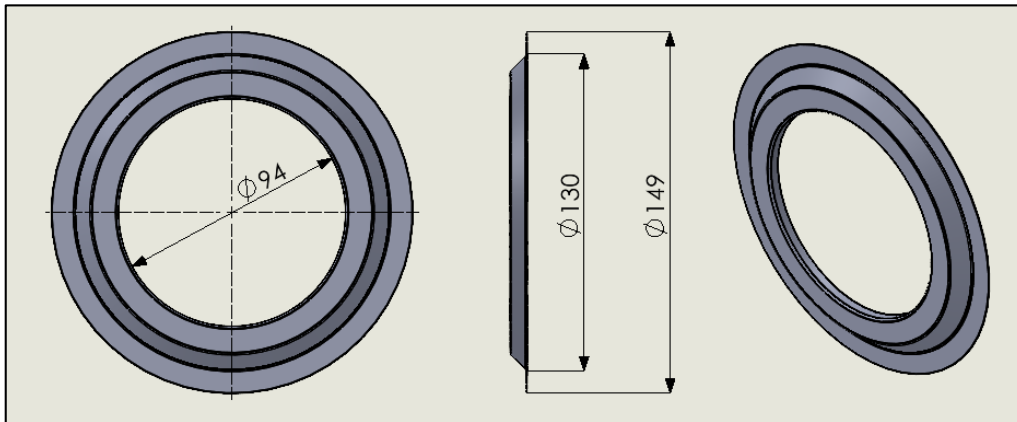
62133 – Hub Baffle Outer



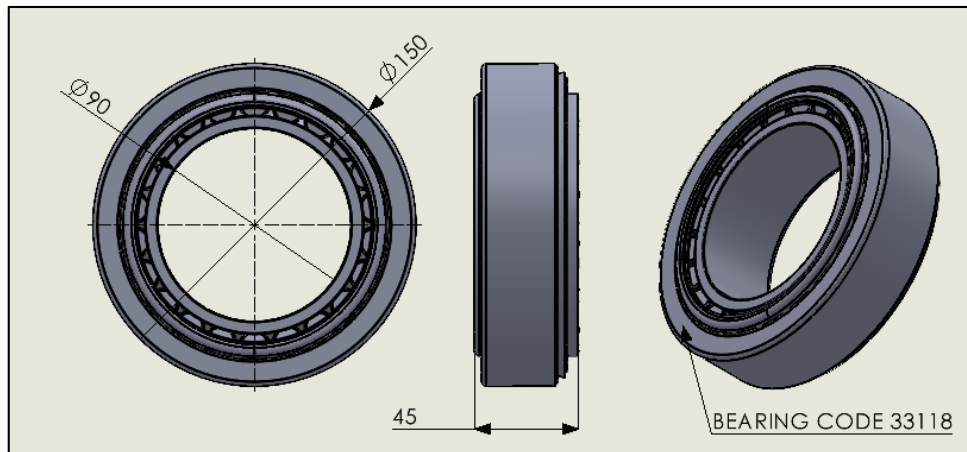
62132 – Hub Baffle Cylinder



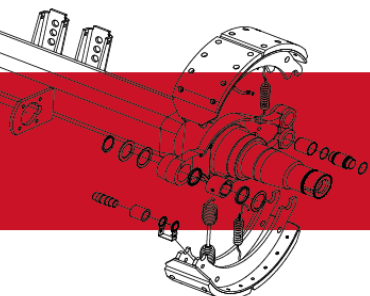
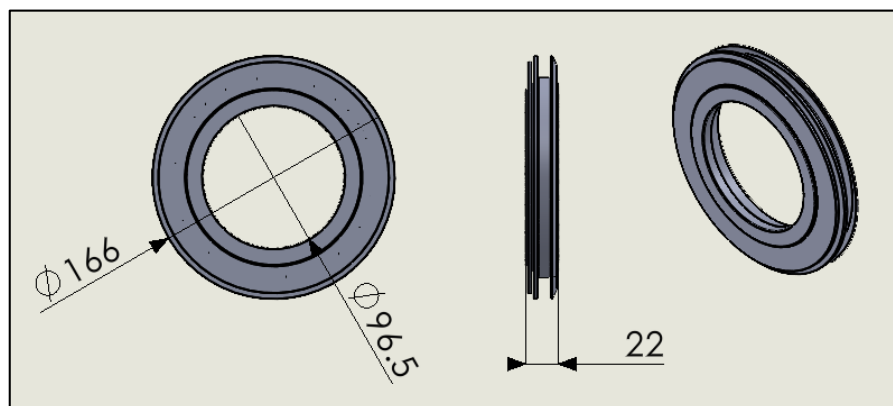
62131 – Hub Baffle Inner



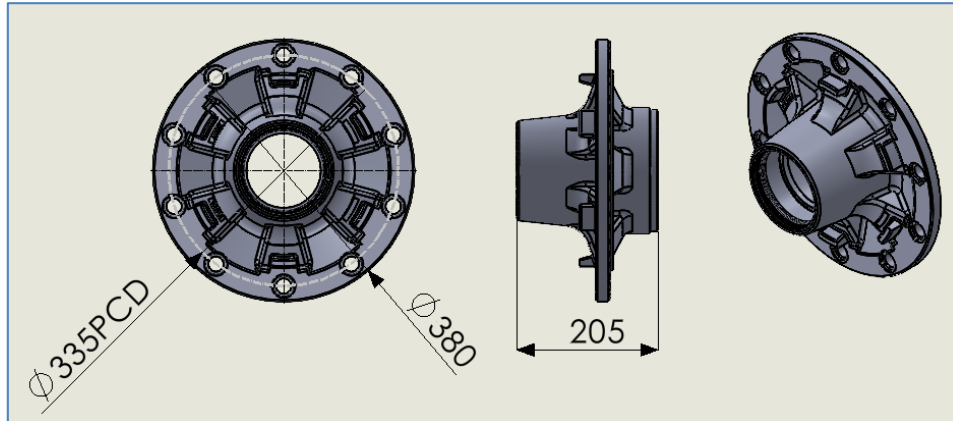
33118 – Inner Bearing



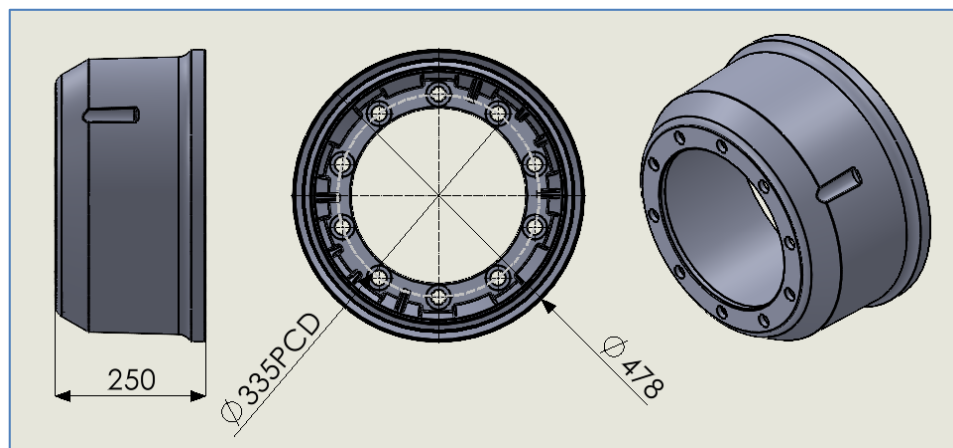
62135 – Hub Seal



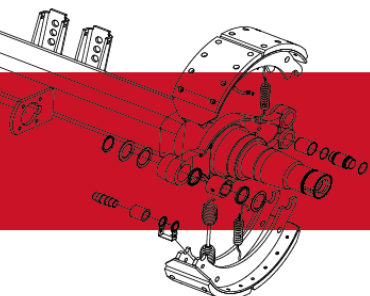
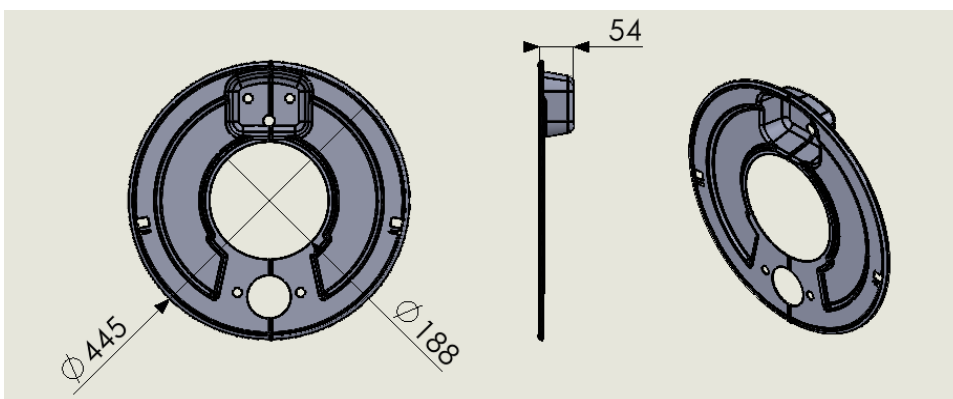
62124 - Hub



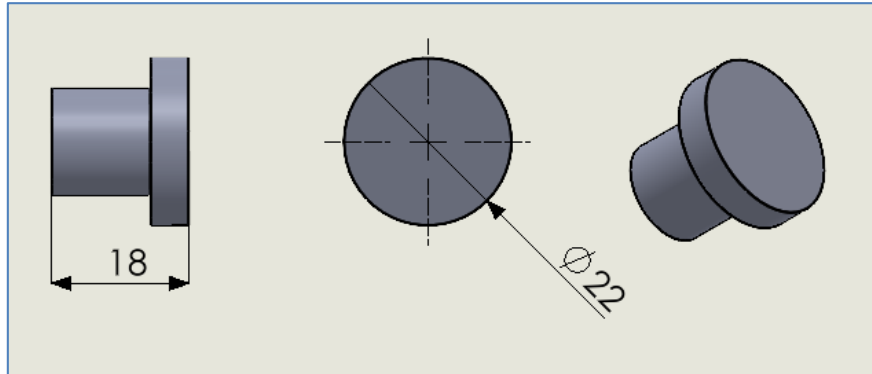
62126 - Drum



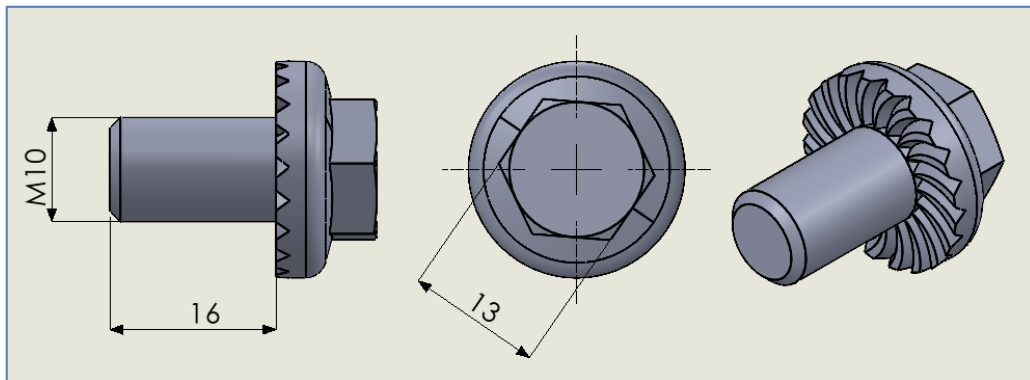
62134 - Dust Cover



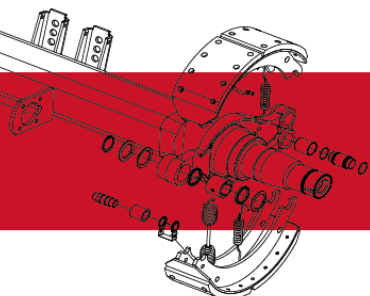
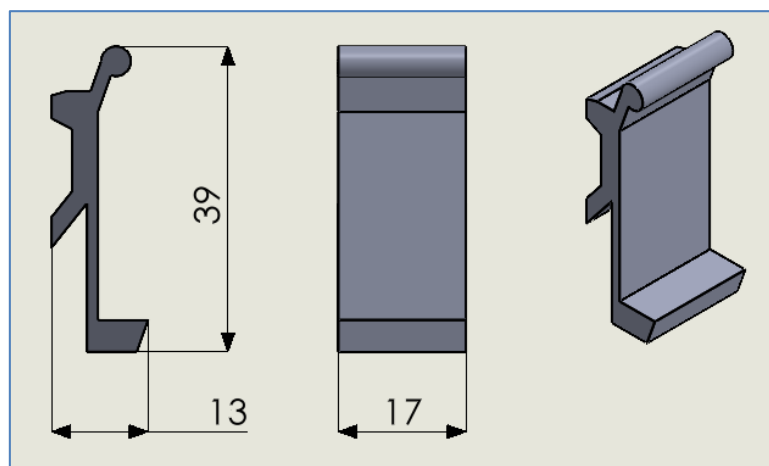
62143 - Dust Cover Plug



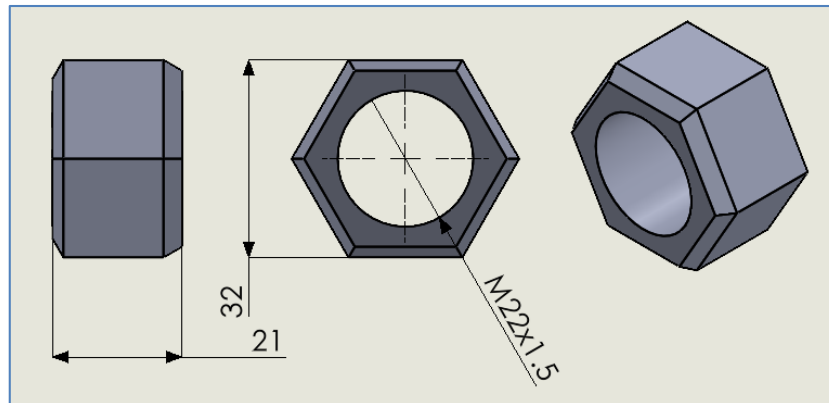
62137 - Dust Cover Bolt



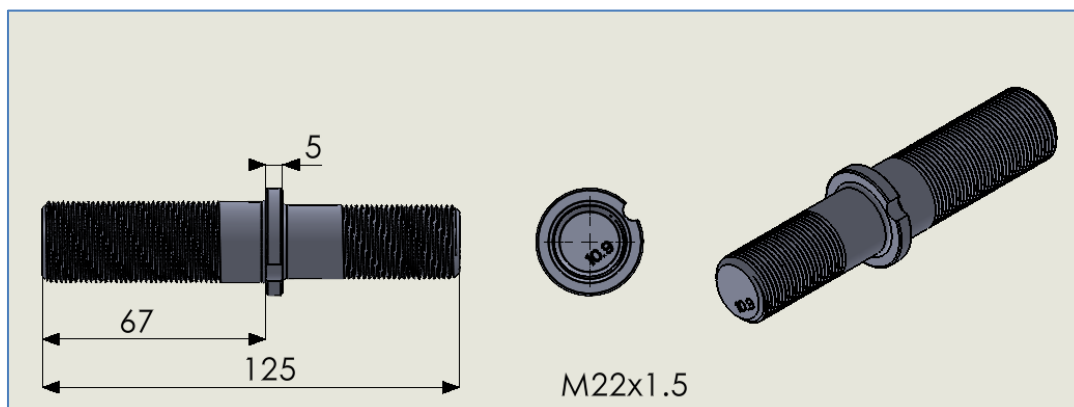
62142 - Dust Cover View Plug



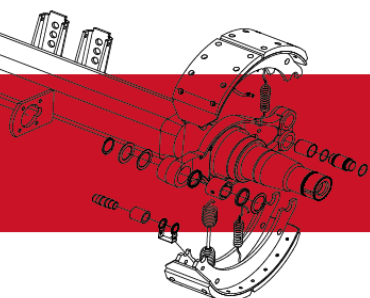
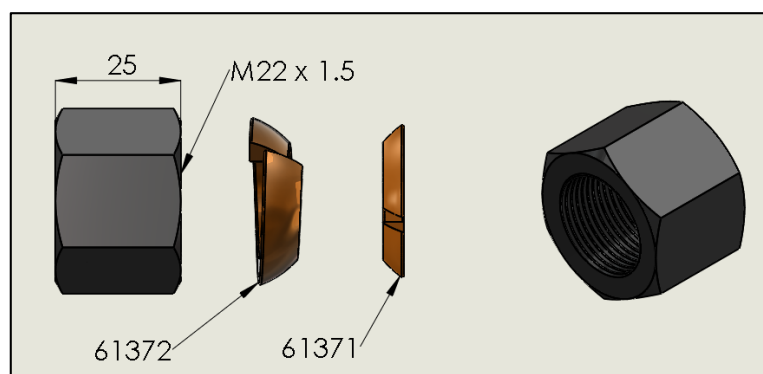
20100 – Internal Wheel Bolt Nut



62127 – Wheel Stud

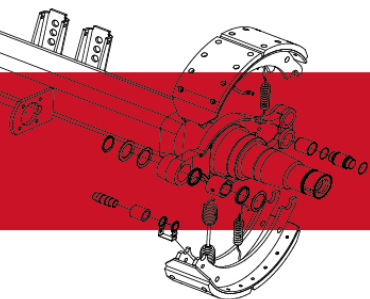


61383- M22 DIN Wheel Nut + Washers (61372 & 61371)





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.



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Revision Date: October 2022
Part No. 80281 REV C