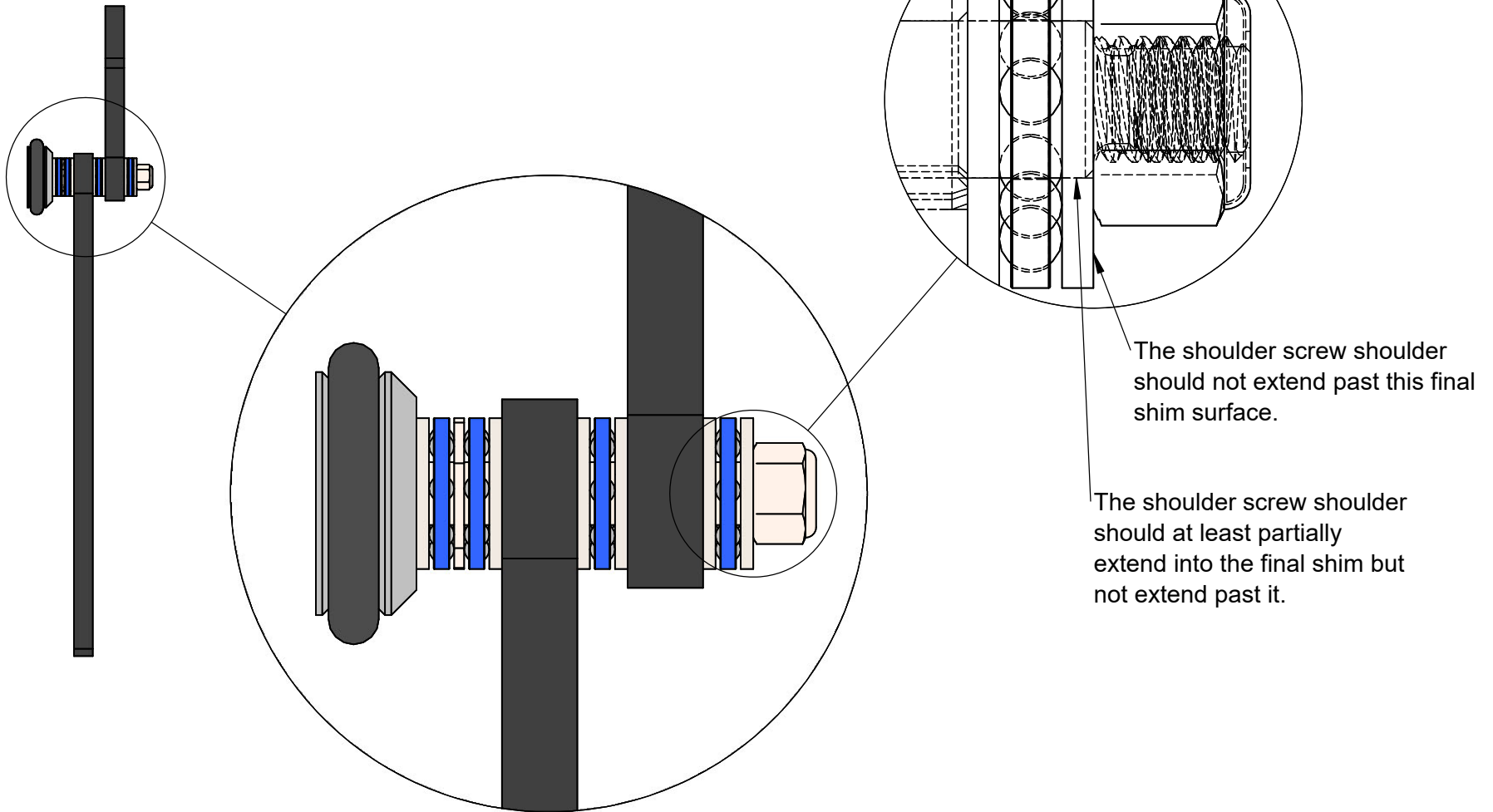



Knee Assembly

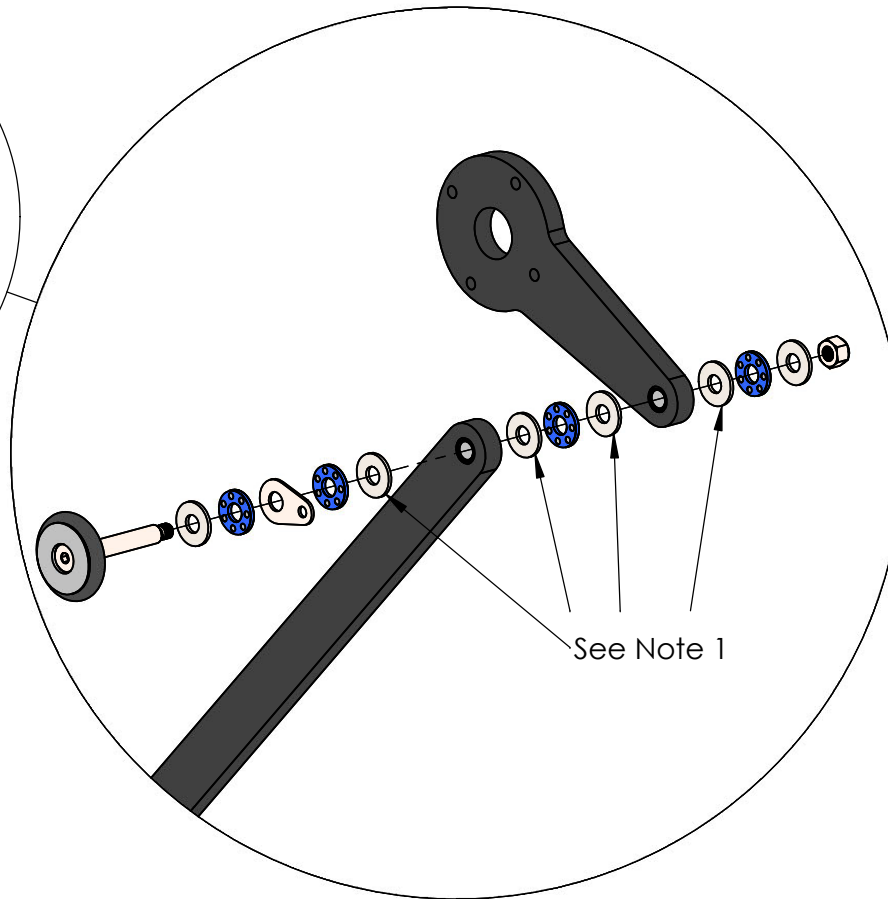
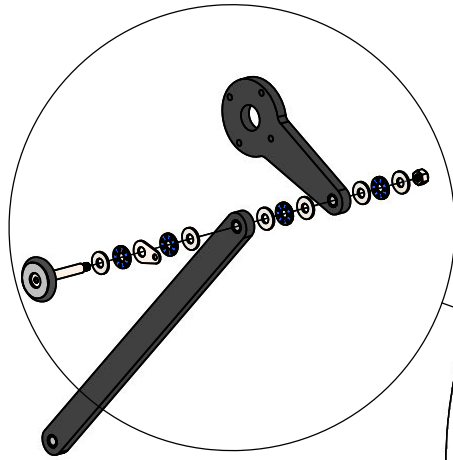


The overall shim stack should be slightly longer than the shoulder screw but should engage all components. If the shoulder screw is too short, some shim can be replaced with thinner shim. See the next page for assembly details on which shim can be replaced.

Knee Assembly Overview

	Created by: Joshua Vasquez	last edited: 3/22/2022
	SCALE: 1:2	SHEET 1 OF 2

Exploded View



Assembled View



Note 1:

Because of sheet stock tolerances, any one of these four shim can be substituted for the thinner (0.5mm thick) shim instead of the default (1mm thick) shim. See next page for what proper engagement looks like.

ITEM NO.	DESCRIPTION	QTY.
3	M5 Shim, 1mm thick	6
4	5mm Oversize Thrust Bearing	4
5	18-8 Stainless Steel Precision Shoulder Screw	1
6	Printed Knee Bumper	1
7	M4 Locking Nut	1
8	Knee Spring Anchor	1
9	5mm Sleeve Bearing, 7mm OD	3
10	Oil-Resistant Buna-N O-Ring	1

Knee Assembly



Created by:
Joshua Vasquez

last edited:
3/22/2022

SCALE: 1:4

SHEET 2 OF 2