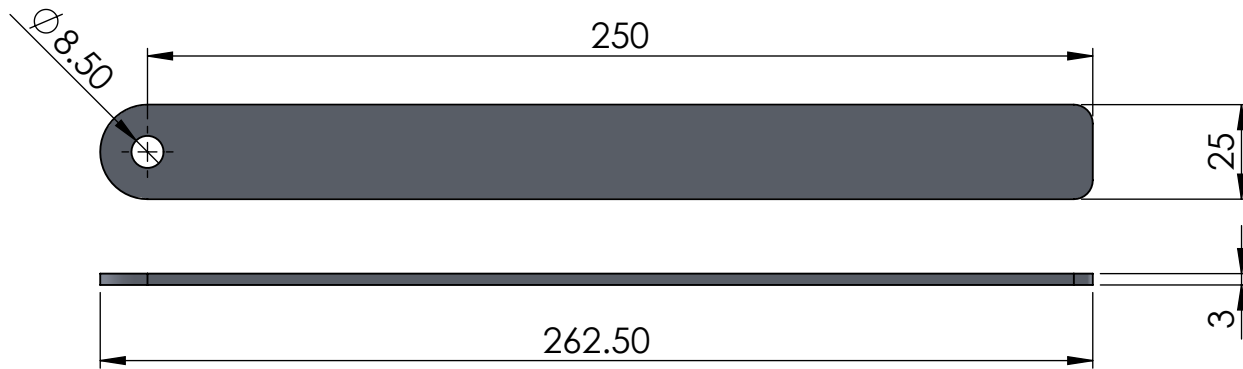Ø 18.50

250

40

270

3

CVS speed sensor mounting bracket
Cut, fold and drill this bracket as required to mount the inductive speed sensor in a position suitable to be triggered by the speed sensor target.

Ø 8.50

250

25

262.50

3

CVS speed sensor target bracket
Cut, fold and drill this bracket as required to mount to the end of a rotating shaft on the conveyer belt so that the steel capscrew will trigger the inductive speed sensor once per revolution.

3 - 5mm
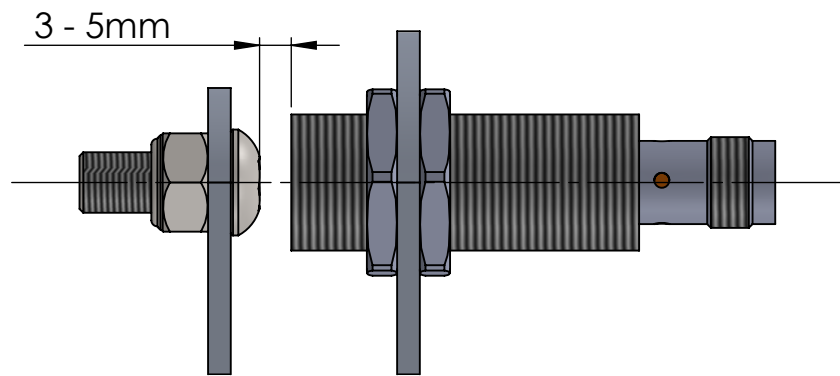
CVS speed sensor alignment
Mount the speed sensor and target so the target will be between 3mm and 5mm from the sensor when it travels past. Make sure the target passes as close as possible through the centre of the speed sensor.
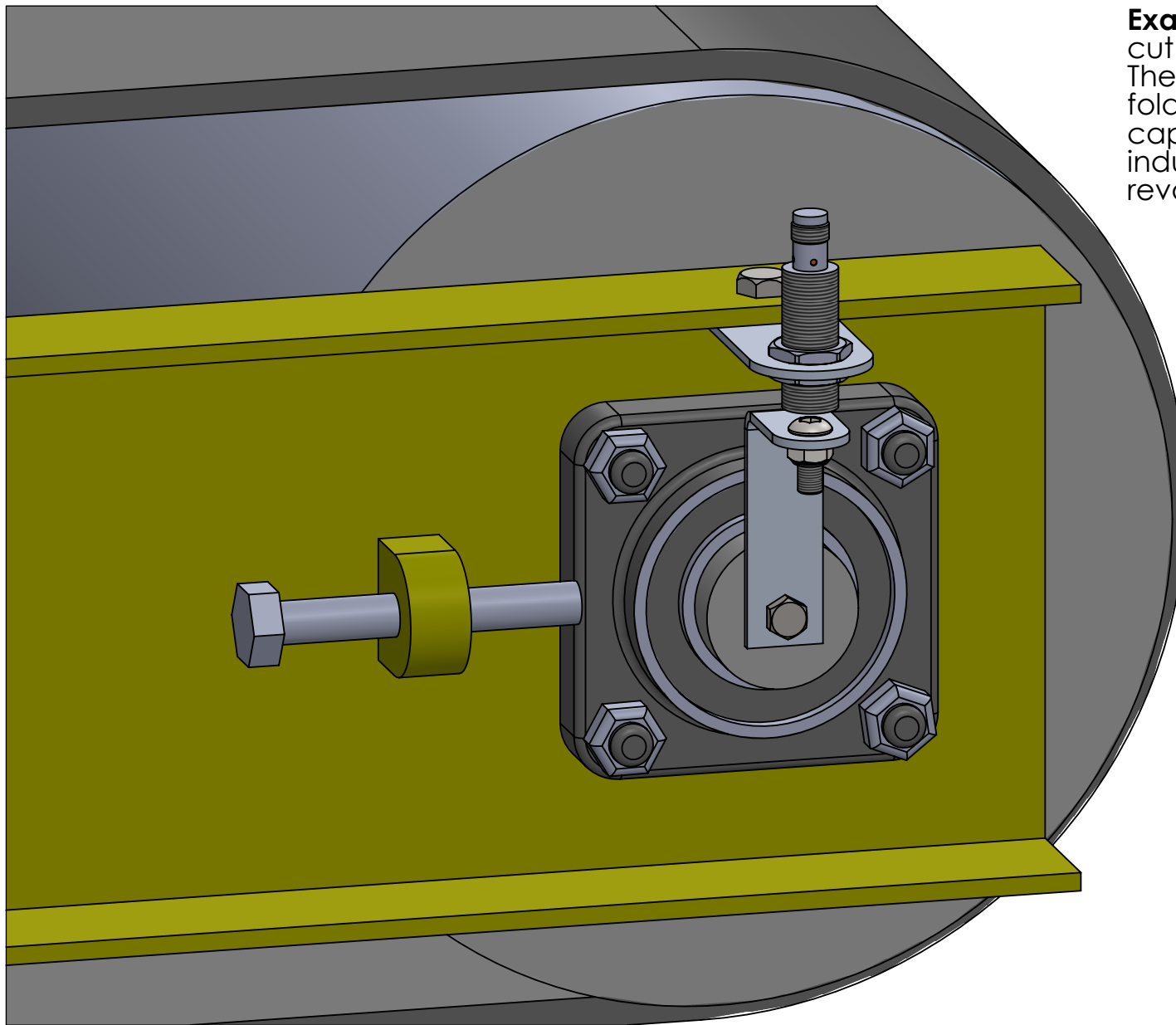
Example 1: Both brackets have been cut short and drilled for mounting. The target bracket has then been folded so that the end of the capscrew will pass across the inductive speed sensor once per revolution of the conveyer drive roller

DO NOT SCALE	3rd Angle PROJECTION	Drawn by:**Brad Webb**	Description: CVS Speed Sensor Installation	Revision:	Drawing Scale: **1:2**	www.LOADSCAN.com
Dimensions in mm		Drawn Date:**8/11/2018**		**A**	Sheet:	LOADSCAN LOAD VOLUME SCANNER
		Approved by:	Drawing Number: **CVS**		**2 of 5**	105 Higgins Road, Dinsdale, Hamilton, New Zealand Tel: +64 7 847 5777 Fax: +64 7 847 4807
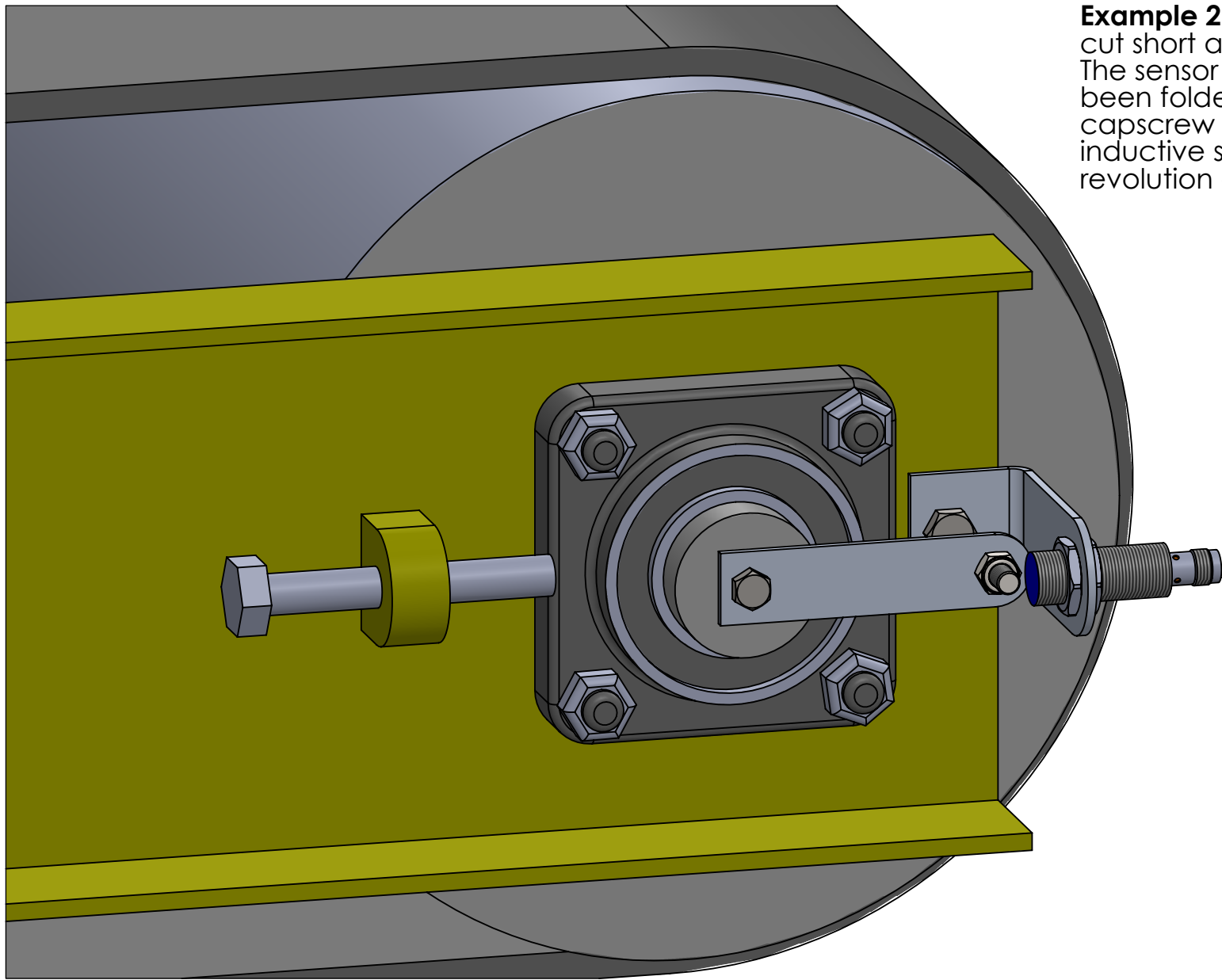
Example 2: Both brackets have been cut short and drilled for mounting. The sensor mounting bracket has then been folded so that the side of the capscrew will pass across the inductive speed sensor once per revolution of the conveyer drive roller.
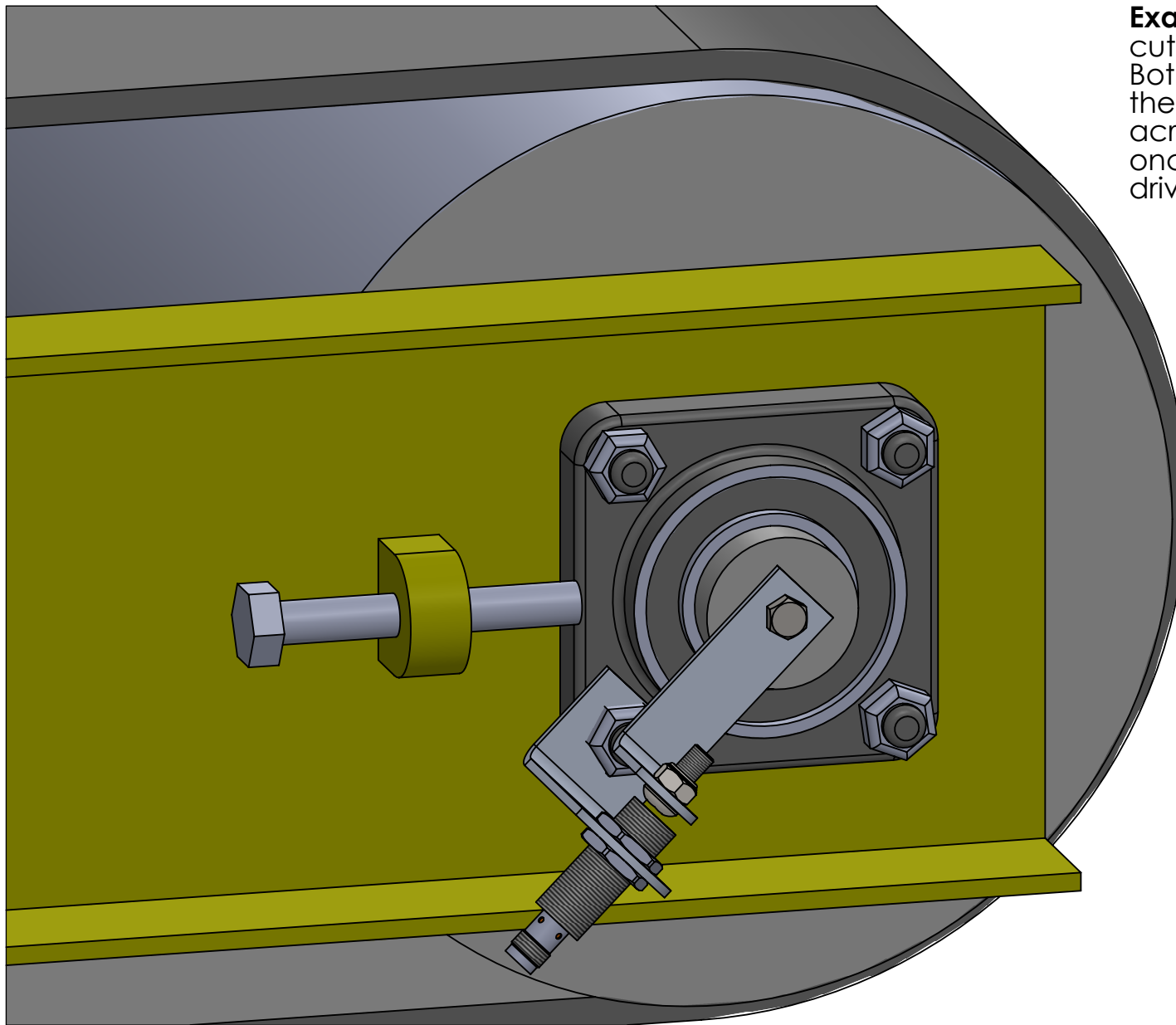
Example 3: Both brackets have been cut short and drilled for mounting. Both have then been folded so that the end of the capscrew will pass across the inductive speed sensor once per revolution of the conveyer drive roller.

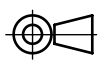**Example 4:** The sensor mounting bracket has been cut short and drilled for mounting. The target bracket is not used in this case and instead a bolt had been tapped into the side of the drive roller so that it passes across the inductive speed sensor once per revolution of the conveyer drive roller.

DO NOT SCALE	3rd Angle PROJECTION	Drawn by:**Brad Webb**	Description:	Revision:	Drawing Scale:	www.LOADSCAN.com
			CVS Speed Sensor Installation		**1:2**	**LOADSCAN**®
Dimensions in mm		Drawn Date:**8/11/2018**		**A**		LOAD VOLUME SCANNER
		Drawing Number:			Sheet:	105 Higgins Road, Dinsdale, Hamilton, New Zealand
		Approved by:	**CVS**		**5 of 5**	Tel: +64 7 847 5777 Fax: +64 7 847 4807