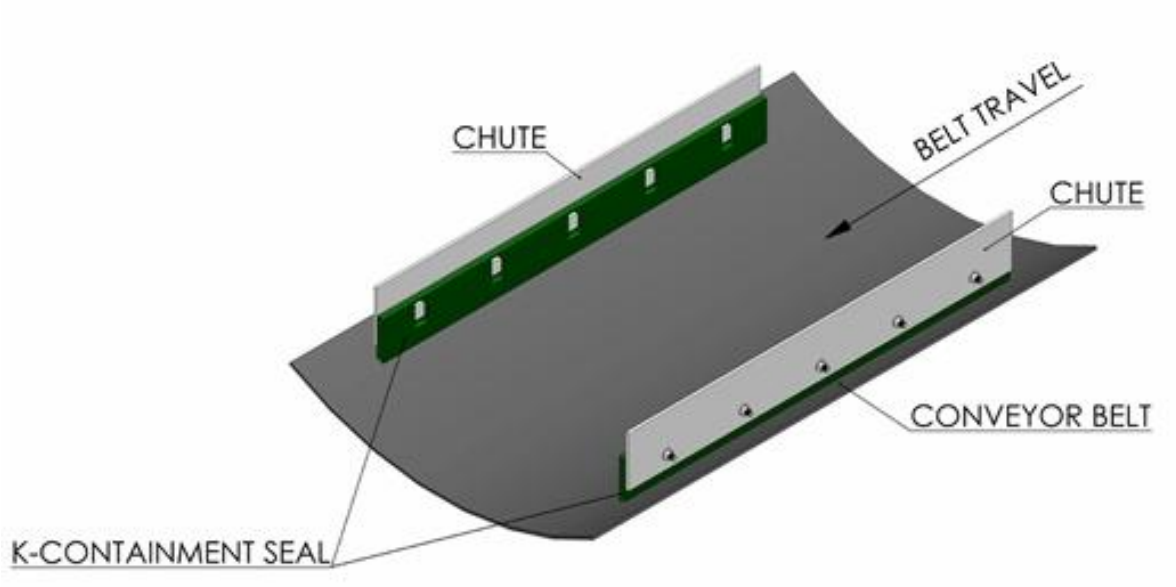
Installation Instructions: K-Containment® Seal

Kinder Australia Product:	K-Containment® Seal
Product Category:	Conveyor Skirting & Sealing
Issue Date:	09/04/2021
Revision:	0

Overview:

The K-Containment® Seal is an effective sealing system that is designed to control spillage and dust at the transfer points. It is used as a hard skirt, fixed to the internal walls of the chute.



Procedure:

1. Run the conveyor until all the material is removed.

2. Isolate, lock and danger tag the conveyor at the main positive isolator in accordance with the appropriate health and safety regulations in force at your site to prevent unauthorized starting.

3. The K-Containment® Seal can be installed using cup head bolts (recommended and supplied by Kinder due to ease of installation) or where space and access on the outside of the chute is limited, by studs welded into the inside of the chute. For a soft skirting system that avoids the Containment Seal bolts, see Kinder Australia's K Conlock® Clamp System.

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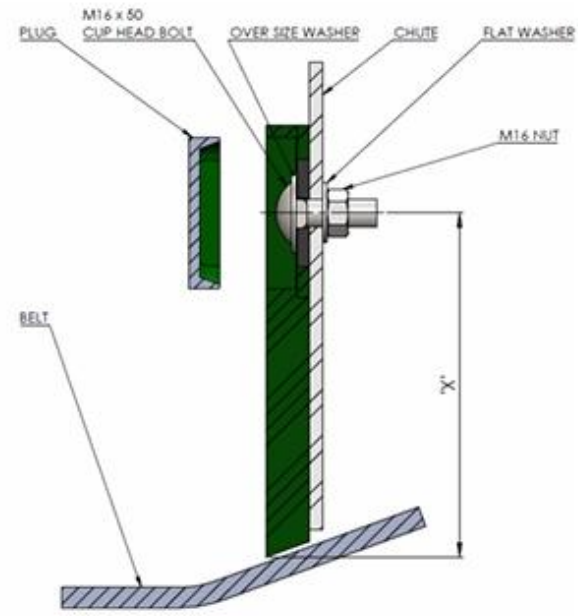

Fig.1: Installation by using T-bolts.

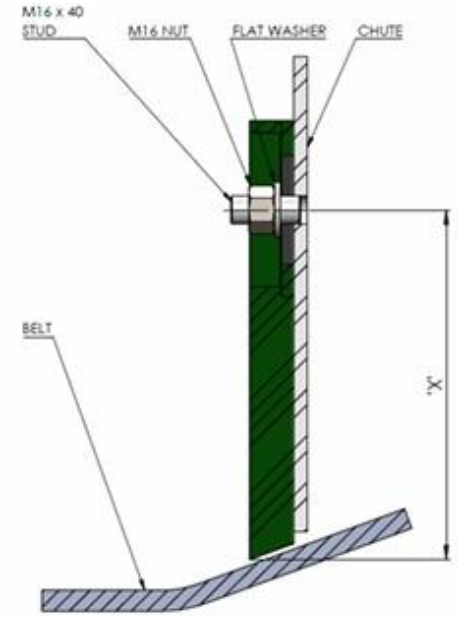

Fig.2: Installation by using studs.

4. Mark holes at the required height (table 1) and pitch (table 2, centre slot pitch) and check locations by holding the K-Containment® Seal in place. Drill holes at the marked locations. 18mm diameter clearance hole for the bolts is considered suitable. Note the first hole is always 6 inches from the edge of the containment seal.

Table 1 - Slot Height

Containment Liner Width	Dim "X' Flat Belt (mm)	Dim "X' 20° & 35° Belt (mm)
6"	80	70
8"	130	121
10"	181	171
12"	232	222

5. Install the K-Containment® Seal to the inside of the chute with the selected fastener method. Place a 1mm to 2mm gap between the belt and the underside of the seal by way of a grinding disc or other shim and then tighten the bolts. Do not place extra force on the seal to belt contact as this may cause belt damage. For short centre and/or fast moving conveyors, it is imperative a clearance gap should be maintained from the initial install and when adjusting to prevent wear of the belt top cover. This is also critical for tapered chutes that get wider from the tail to the head end, as the belt can damage the seals, allowing leakage of conveyed material.

6. Test run the conveyor. Inspect the belt top cover for any damage.

7. Inspection and if necessary, adjustment, should be included in the normal inspection schedule.

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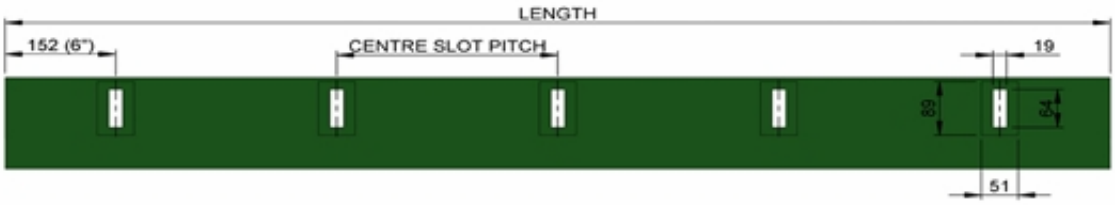
Dimensions of K-Containment® Seal



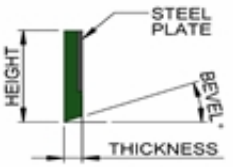


Table 2 – Available Sizes

Thickness x Height x Length		Centre Slot Pitch	Bevel	Thickness x Height x Length		Centre Slot Pitch	Bevel
Imperial	Metric, mm			Imperial	Metric, mm		
1" x 6" x 60 "	25 x 150 x 1524	12"/305mm	20° or 0°	1" x 10" x 96 "	25 x 254 x 2438	21"/533mm	20° or 0°
1" x 8" x 60 "	25 x 203 x 1524			1" x 12" x 96 "	25 x 304 x 2438		
2" x 6" x 60 "	50 x 150 x 1524			2" x 8" x 96 "	50 x 203 x 2438		
2" x 8" x 60 "	50 x 203 x 1524			2" x 10" x 96 "	50 x 254 x 2438		
1" x 8" x 96 "	25 x 203 x 2438	21"/533mm		2" x 12" x 96 "	50 x 304 x 2438		

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