

ASME Replacement Swing-bolt / Wing-nut Assemblies



Old Style



New Style

Note - Betts has switched to a new design swing bolt for ASME full opening manholes. All ASME manholes built since 2018 have the new design. Instead of a 'barrel' head for the swing bolt pin to go through, the head is more of a 'bulb' as in the picture. The kits listed below give you the entire new assembly to replace the older style.

Betts offers a variety of ASME swing-bolts for the Full Opening Manhole product line. All ASME swing-bolts are a solid one-piece design made from 17-7 stainless steel with 5/8-11 UNC threads. Wing-nuts are 304 stainless steel.

Wing-nut includes a staked-on bearing washer for decreased wear and a retention e-clip is included on top of swing-bolt to keep the wing-nut from accidentally unthreading off of the swing-bolt while opening manhole. Assemblies ending in "002" include swing-bolt pin (4463SL) and 1/8" coil pin (9Q8605). **Please note: older style swing-bolts have a larger coil pin hole diameter; therefore, specify the "002" kit to ensure the necessary replacement components are received.**

Swing-bolt / wing-nut assemblies will last longer if properly maintained. Keep threads clean and lubricated with anti-seize compound, and never hit wing-nuts with a hammer. Use proper wing-nut tools [6443SS](#) or [6469SL](#) with a maximum torque of 45 ft-lbs.

The sealed wing-nut option offers a solid top-plate to protect the threads from water or debris and also includes a grease fitting for preventive maintenance.

Part #	Description	Length	Replaces
4481SL002	ASME Swing-bolt 4459SL / Wing-nut Assembly w/ Pin and Coil Pin	3.25"	4102SF 4184SF
4487SL002	ASME Swing-bolt 4459SL / <u>Sealed</u> Wing-nut Assembly w/ Pin and Coil Pin	3.25"	4102SF 4147SF
4482SL002	ASME Swing-bolt 4480SL / Wing-nut Assembly w/ Pin and Coil Pin	3.81"	n/a
4483SL002	ASME Swing-bolt 4472SL / Wing-nut Assembly w/ Pin and Coil Pin	4.5"	4119SL 4472SL
4486SL002	ASME Swing-bolt 4472SL / <u>Hex-nut</u> Assembly w/ Pin and Coil Pin	4.5"	3615SF 4472SL
4484SL002	ASME Swing-bolt 4473SL / Wing-nut Assembly w/ Pin and Coil Pin	5.13"	4143SL
4485SL002	ASME Swing-bolt 4473SL / Special Wing-nut Assembly w/ Pin and Coil Pin (For 8171 Manholes)	5.13"	4120SL 4263SL