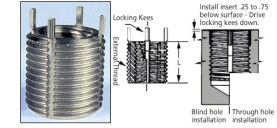




# MBA

## Inserts - Keensert



**Material**  
Stainless Steel 303

**Performance**  
Maximum strength and reliability.  
Positive mechanical lock against rotation. The insert kees are driven down into the tapped threads of the parent material during installation to securely lock the insert against rotation.  
Inserts with internal thread lock are designed to securely lock a bolt when it is entered into the insert only a few turns. Even after repeated installations and removals of the bolt, the lock maintains sufficient locking torque to prevent the bolt from vibrating out.

**Installation**  
Drill with a standard drill into the parent material. Countersink with a standard countersink tool (82° to 100°). Tap thread into the parent material using a standard tap. Screw in the keensert by hand or with an installation tool. The keensert is designed to stop at the correct depth below the surface of the parent material. Using the installation tool, drive in the kees to achieve positive lock against rotation.

**Removal**  
It is unlikely that a keensert insert will ever have to be removed, since their threads are stronger than the original threads. If removal is necessary, however, they can be removed without causing damage to the parent material and an identical insert can be installed into the original hole.

Stainless Steel 303.

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### Inserts - Keensert

Part Number	Internal Thread mm	External Thread mm	Length mm	Tap Drill Diameter mm	Countersink Diameter mm	Locking Keys	Tapped Hole Depth mm	Removal Drill Size mm	Removal Drill Depth mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>	<i>inches</i>	<i>inches</i>
# KIHD-4	M4 x 0.70	M8 x 1.25	8.00 <i>0.315</i>	6.90 <i>0.272</i>	8.25 <i>0.325</i>	2.00	9.50 <i>0.374</i>	5.50 <i>0.217</i>	4.75 <i>0.187</i>
KI-5	M5 x 0.80	M8 x 1.25	8.00 <i>0.315</i>	6.90 <i>0.272</i>	8.25 <i>0.325</i>	2.00	9.50 <i>0.374</i>	5.50 <i>0.217</i>	4.00 <i>0.157</i>
# KIHD-5	M5 x 0.80	M10 x 1.25	10.00 <i>0.394</i>	8.80 <i>0.346</i>	10.25 <i>0.404</i>	2.00	12.50 <i>0.492</i>	7.50 <i>0.295</i>	4.75 <i>0.187</i>

# Indicates item not stocked at time of printing - Please enquire for lead time  
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## Inserts - Keensert

Part Number	Internal Thread mm	External Thread mm	Length mm	Tap Drill Diameter mm	Countersink Diameter mm	Locking Keys	Tapped Hole Depth mm	Removal Drill Size mm	Removal Drill Depth mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		<i>inches</i>	<i>inches</i>	<i>inches</i>
# KI-6	M6 x 1.00	M10 x 1.25	10.00 <i>0.394</i>	8.80 <i>0.346</i>	10.25 <i>0.404</i>	2.00	11.50 <i>0.453</i>	7.50 <i>0.295</i>	4.75 <i>0.187</i>
# KIHD-6	M6 x 1.00	M12 x 1.25	12.00 <i>0.472</i>	10.80 <i>0.425</i>	12.25 <i>0.482</i>	4.00	14.50 <i>0.571</i>	9.50 <i>0.374</i>	4.75 <i>0.187</i>
# KI-8	M8 x 1.25	M12 x 1.25	12.00 <i>0.472</i>	10.80 <i>0.425</i>	12.25 <i>0.482</i>	4.00	13.50 <i>0.531</i>	9.50 <i>0.374</i>	4.75 <i>0.187</i>
KIHD-8	M8 x 1.25	M14 x 1.50	14.00 <i>0.551</i>	12.80 <i>0.504</i>	14.25 <i>0.561</i>	4.00	15.50 <i>0.610</i>	11.50 <i>0.453</i>	4.75 <i>0.187</i>
KI-10	M10 x 1.50	M14 x 1.50	14.00 <i>0.551</i>	12.80 <i>0.504</i>	14.25 <i>0.561</i>	4.00	15.50 <i>0.610</i>	11.50 <i>0.453</i>	4.75 <i>0.187</i>
# KI-10F	M10 x 1.25	M14 x 1.50	14.00 <i>0.551</i>	12.80 <i>0.504</i>	14.25 <i>0.561</i>	4.00	15.50 <i>0.610</i>	11.50 <i>0.453</i>	4.75 <i>0.187</i>
# KIHD-10	M10 x 1.50	M14 x 1.50	16.00 <i>0.630</i>	14.75 <i>0.581</i>	16.25 <i>0.640</i>	4.00	16.50 <i>0.650</i>	13.50 <i>0.531</i>	4.75 <i>0.187</i>
KI-12	M12 x 1.75	M16 x 1.50	16.00 <i>0.630</i>	14.75 <i>0.581</i>	16.25 <i>0.640</i>	4.00	17.50 <i>0.689</i>	13.50 <i>0.531</i>	4.75 <i>0.187</i>
# KI-12F	M12 x 1.25	M16 x 1.50	16.00 <i>0.630</i>	14.75 <i>0.581</i>	16.25 <i>0.640</i>	4.00	17.50 <i>0.689</i>	13.50 <i>0.531</i>	4.75 <i>0.187</i>

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