

Thread inserts are a convenient way of repairing sized, damaged or hanging threads. Can also be used to renovate threads in high quality materials.

Thread inserts can be used in various materials such as light alloys or cast iron.

Advantages

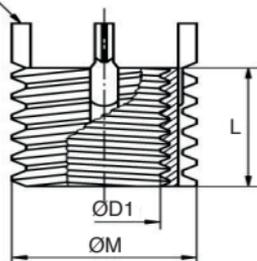
- Quick and easy to install
- Tangs are used during installation and then serve as an anti-rotation mechanism.
- **Apart from the insertion tool, no other special tools are required.**

Assembly

- **Some tapping required**
- Refer to technical pages for assembly/disassembly instructions



Locking tang



DISCOUNTS

Qty	1+	10+	20+	30+	50+
Disc.	List	-5%	-10%	-15%	On request

Part number	Thread ØD1	Thread ØM	Length L	Assembly		Assembly thread	Min thread depth	Removal drill size Ø	Removal thread depth	Stock*	Price each 1 to 9
				drill size Ø	counterbore +0,25						
FR-M5	M5	M8	8	6,9	8,3	M8	9,5	5,5	4,0	✓	6,40 €
FR-M6	M6	M10x1,25	10	8,8	10,3	M10x1,25	11,5	7,5	4,8	✓	6,92 €
FR-M8	M8	M12x1,25	12	10,8	12,3	M12x1,25	13,5	9,5	4,8	✓	7,68 €
FR-M8x100	M8x1	M12x1,25	12	10,8	12,3	M12x1,25	13,5	9,5	4,8	-	7,68 €
FR-M10	M10	M14x1,5	14	12,8	14,3	M14x1,5	15,5	11,5	4,8	✓	9,52 €
FR-M10x125	M10x1,25	M14x1,5	14	12,8	14,3	M14x1,5	15,5	11,5	4,8	-	9,52 €
FR-M12	M12	M16x1,5	16	14,8	16,3	M16x1,5	17,5	13,5	4,8	✓	12,28 €
FR-M12x125	M12x1,25	M16x1,5	16	14,8	16,3	M16x1,5	17,5	13,5	4,8	-	12,28 €

*Depending on availability - Dimensions in mm

Stainless steel thread repair inserts

For repairing damaged threads

FR_{SS}

Thread inserts are a convenient way of repairing siezed, damaged or hanging threads.

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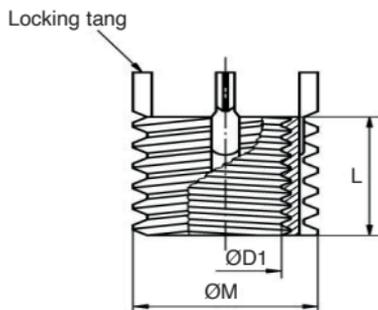
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DISCOUNTS

Qty	1+	10+	20+	30+	50+
Disc.	List	-5%	-10%	-15%	On request

Part number	Thread ØD1	Thread ØM	Length L	Assembly drill size Ø	Assembly counterbore +0,25	Assembly thread	Min thread depth	Removal drill size Ø	Removal thread depth	Stock*	Price each 1 to 9
FR-M5/SS	M5	M8	8	6,9	8,3	M8	9,5	5,5	4,0	✓	13,03 €
FR-M6/SS	M6	M10x1,25	10	8,8	10,3	M10x1,25	11,5	7,5	4,8	✓	12,68 €
FR-M8/SS	M8	M12x1,25	12	10,8	12,3	M12x1,25	13,5	9,5	4,8	✓	13,40 €
FR-M8x100/SS	M8x1	M12x1,25	12	10,8	12,3	M12x1,25	13,5	9,5	4,8	-	13,40 €
FR-M10/SS	M10	M14x1,5	14	12,8	14,3	M14x1,5	15,5	11,5	4,8	✓	15,34 €
FRM10x125SS	M10x1,25	M14x1,5	14	12,8	14,3	M14x1,5	15,5	11,5	4,8	-	15,34 €
FR-M12/SS	M12	M16x1,5	16	14,8	16,3	M16x1,5	17,5	13,5	4,8	✓	19,53 €
FRM12x125SS	M12x1,25	M16x1,5	16	14,8	16,3	M16x1,5	17,5	13,5	4,8	-	19,53 €

* Depending on availability - Dimensions in mm



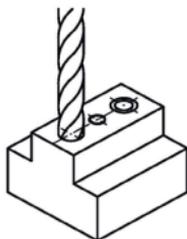
DISCOUNTS

Qty	1+	10+	20+	30+	50+
Disc.	List	-5%	-10%	-15%	On request

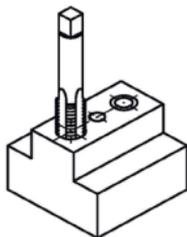
Part number	Corresponding diameter D1	Stock*	Price each 1 to 9
FR-M5/TOOL	M5	-	38,31 €
FR-M6/TOOL	M6	✓	39,57 €
FR-M8/TOOL	M8, M8x1	✓	41,28 €
FR-M10/TOOL	M10, M10x1,25	✓	44,21 €
FR-M12/TOOL	M12, M12x1,25	-	47,80 €

*Depending on availability - Dimensions in mm

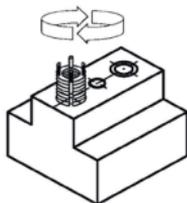
Assembly



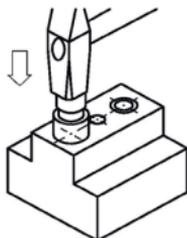
- 1.*
Drill the pilot hole or rebores the old thread with a starting taper (82°-100°)



- 2.*
Tap the required thread using a standard tap.



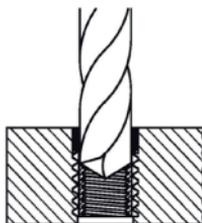
3.
Screw in the thread inserts. These should finish below the top surface of the material (0.3 to 0.7mm).



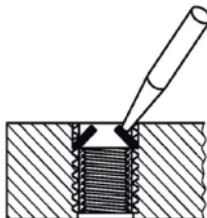
4.
Knock in the tongs using the supplied tool, tapping gently with a hammer.

Steps 1+2. Refer to the parts table for the dimensions.

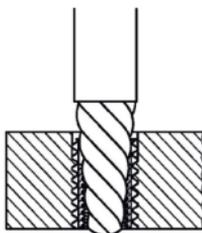
Disassembly



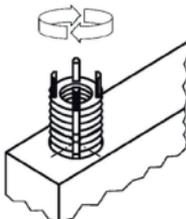
- 1.*
Rebores the remaining material between the keys and threads to the depth indicated



2.
Bend the tongs towards the centre until they break



3.
Remove the thread inserts using the extraction tool



4.
Mount the new thread inserts in the original threads

*Steps 1. Refer to the parts table for the dimensions