

PRO INSERT

DESCRIPTION

System of threaded inserts to quickly and safely replace damaged or worn threads, or to improve thread strength in soft materials.

PROPERTIES

- The sleeves are made in one solid piece with hardened locking pins that protects against rotation even with repeated tightening.
- Easily installed without any problems and without requiring special drilling sizes, taps or other tools.
- Also very simple, if necessary, to remove with standard drill without damaging existing threads.
- Available in both carbon steel and inox/stainless steel in sizes from M4 to M24.

FIELD OF APPLICATION

- All types of metal for replacing damaged or worn threads.
- Pro Insert made of carbon steel is ideal as a replacement threads in steel and softer metals such as magnesium, aluminum, etc.
- Pro Insert Inox is ideal for replacement in hard materials as stainless steel etc.

USER INSTRUCTIONS

See information about drills, thread sizes in matrix on page 2.



PRO INSERT - PRI

Art.no. 353400 - 353401

Signature: JH

Date: 2021-10-15

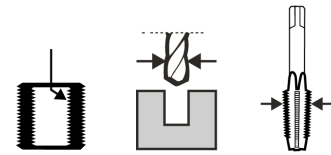
This product information is property of VEIDEC AB and is not to be forwarded to third persons without our agreement. The product information has been made out according to our experiences; the corresponding distributing company has to point out probable characteristics as to the use of the product as the application fields are often very different. The recommendations as to technical use are not binding and do not justify any contractual relationship and subsidiary obligations under the contract of purchase. They especially do not relieve the buyer from testing our product on his own as to the suitability for the designated field of application.

PRO INSERT

TECHNICAL DETAILS

Colour:	Pro Insert (black). Pro Insert Inox (shiny)
Seizes:	See chart/matrix below.
Kit content:	<p>Pro Insert Kit: Art.no 353400. Pro Insert M5, M6, M8, M10 (x 12) Cobalt drills: 6,8 mm, 8,8 mm, 10,8 mm, 12,5 mm (x 1) Pro Insert tap: M8, M10, M12, M14 (x 1) Toolbox plastic (35904) with label.</p> <p>Pro Insert Inox Kit: Art.no. 353401. Pro Insert Inox M4, M5, M6, M8, M10, M12 (x 6) Toolbox plastic (35904) with label.</p>
Material :	<p>Pro Insert: Carbon steel – C1215 Locking keys: 302 CRES** Finish: Carbon steel – Zinc phosphate.</p> <p>Pro Insert Inox: Stainless steel – 303 CRES* Locking keys: 302 CRES** Finish: Passivated.</p> <p>**302 CRES: contains: 9% nickel and up to 2.0% manganese. *303 CRES contains: 9% nickel and up to 0.6% molybdenum.</p>
Locking keys:	Seizes from M8 and up has 4 locking keys. Smaller (M4, M5 & M6) have 2 locking keys.
Tensile Strength:	Pro Insert: 599,8 MPa Pro Insert Inox: 619,8 MPa
Material to work:	All types of metal. Pro Insert Inox is especially developed for inox/stainless.
User Instruction:	Scan the QR-code for video and other information.

Quick guide:



Internal Thread	Drill size	Thread Tap Size
M4 x 0.7	6.8	M8 x 1.25
M5 x 0.8	6.8	M8 x 1.25
M6 x 1.0	8.8	M10 x 1.25
M8 x 1.25	10.8	M12 x 1.25
M10 x 1.25	12.5	M14 x 1.5
M10 x 1.5	12.5	M14 x 1.5
M12 x 1.25	14.5	M16 x 1.5
M12 x 1.75	14.5	M16 x 1.5
M14 x 1.5	18.5	M20 x 1.5
M14 x 2.0	18.5	M20 x 1.5
M16 x 2.0	20.5	M22 x 1.5
M20 x 2.5	28.0	M30 x 2.0
M24 x 3.0	31.0	M33 x 2.0

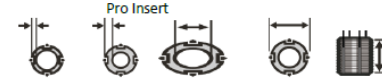
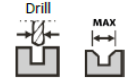
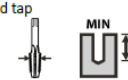


PRO INSERT - PRI
Art.no. 353400 - 353401

Signature: JH

Date: 2021-10-15

This product information is property of VEIDEC AB and is not to be forwarded to third persons without our agreement. The product information has been made out according to our experiences; the corresponding distributing company has to point out probable characteristics as to the use of the product as the application fields are often very different. The recommendations as to technical use are not binding and do not justify any contractual relationship and subsidiary obligations under the contract of purchase. They especially do not relieve the buyer from testing our product on his own as to the suitability for the designated field of application.

PRO INSERT

																
art. no carb. Steel	art. no Inox	Thin wall	Heavy Duty	Internal Thread	External Thread	Length	art. no	Drill size	C'Sink Dia.	art. No (steel)	art. No (Inox)	Thread tap Size	Min. Depth	art. no	Size	Depth
353402	353449		X	M4 x 0.7	M8 x 1.25	8.0	353115	6.8	8.25	35322	-	M8 x 1.25	9.5	353112	5.5	4.0
353403	353450	X		M5 x 0.8	M8 x 1.25	8.0	353115	6.8	8.25	35322	-	M8 x 1.25	9.5	353112	5.5	4.0
353404	353451	X		M6 x 1.0	M10 x 1.25	10.0	353138	8.8	10.25	35323	-	M10 x 1.25	11.5	353117	7.5	4.75
353405	353452	X		M8 x 1.25	M12 x 1.25	12.0	353139	10.8	12.25	35324	-	M12 x 1.25	13.5	353121	9.5	4.75
353406	-	X		M10 x 1.25	M14 x 1.5	14.0	353127	12.5	14.25	35325	-	M14 x 1.5	15.5	353125	11.5	4.75
353407	353453	X		M10 x 1.5	M14 x 1.5	14.0	353127	12.5	14.25	35325	-	M14 x 1.5	15.5	353125	11.5	4.75
353410	-	X		M12 x 1.25	M16 x 1.5	16.0	353141	14.5	16.25	35326	-	M16 x 1.5	17.5	-	13.5	4.75
353409	353454	X		M12 x 1.75	M16 x 1.5	16.0	353141	14.5	16.25	35326	-	M16 x 1.5	17.5	-	13.5	4.75
353441	-		X	M14 x 1.5	M20 x 1.5	20.0	-	18.5	20.25	-	-	M20 x 1.5	22.5	-	17.5	4.75
353440	-		X	M14 x 2.0	M20 x 1.5	20.0	-	18.5	20.25	-	-	M20 x 1.5	22.5	-	17.5	4.75
353443	353455		X	M16 x 2.0	M22 x 1.5	22.0	-	20.5	22.25	-	-	M22 x 1.5	24.5	-	18.0	6.35
353446	353456		X	M20 x 2.5	M30 x 2.0	30.0	-	28.0	30.25	-	-	M30 x 2.0	34.5	-	26.0	6.35
353447	353457		X	M24 x 3.0	M33 x 2.0	33.0	-	31.0	33.25	-	-	M33 x 2.0	37.5	-	29.0	6.35

Note: Drills should not be used for inox/stainless as they are standard HSS drills.

PRO INSERT - PRI

Art.no. 353400 - 353401

Signature: JH

Date: 2021-10-15

This product information is property of VEIDEC AB and is not to be forwarded to third persons without our agreement. The product information has been made out according to our experiences; the corresponding distributing company has to point out probable characteristics as to the use of the product as the application fields are often very different. The recommendations as to technical use are not binding and do not justify any contractual relationship and subsidiary obligations under the contract of purchase. They especially do not relieve the buyer from testing our product on his own as to the suitability for the designated field of application.