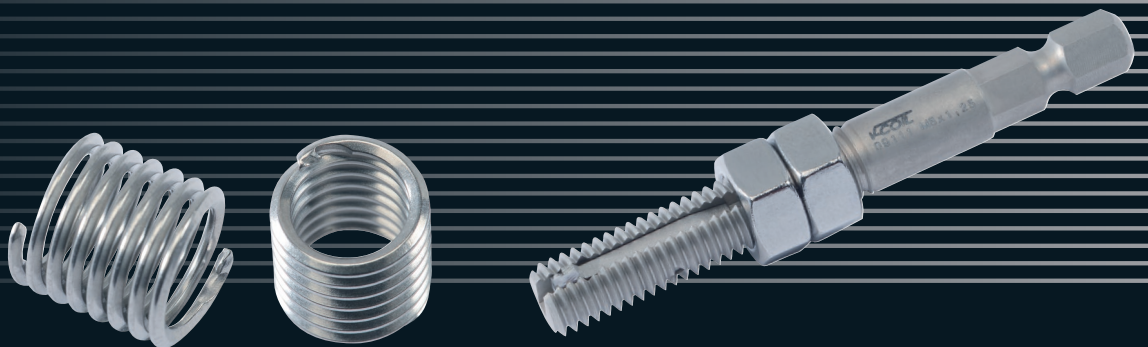


V-COIL

THREAD INSERT SYSTEM ■ ■ ■

ALWAYS A NOTCH ABOVE

The brand new and innovative
V-COIL notch System
for tangless wire thread inserts.



V-COIL notch
WIRE THREAD INSERTS
Type "SN" - tangless
钢丝螺套-"SN"型
无尾，自由活动型



The tangless V-COIL notch thread inserts, like the familiar V-COIL inserts, are designed for reliable thread reinforcement and thread repair. However, the risk of losing the tang when breaking off is eliminated.

Normal thread inserts type "S" and "SL" have a small tang at their lower end, which the installation tool engages and thus enables installation. The tang is broken off and removed after installation. V-COIL notch inserts, on the other hand, can be installed without a tang using the special V-COIL notch installation tool, as they have an installation notch at both ends of the insert. This eliminates the risk of the metal tang falling into a safety-critical application such as motors or electronic equipment.

V-COIL inserts are made from high quality chrome nickel stainless steel and provide strong internal threads that resist the effects of temperature and corrosion.

The unique design ensures superior threads whose overall performance characteristics cannot be replicated by any other single fastening method. Wire thread inserts are significantly lighter and less expensive than any other comparable thread insert form. Because of their compact design, they can usually be incorporated into existing structures, even if no other preparations have been made for them.

free running inserts - Type "SN"

Made of austenitic stainless precision profile steel wire, V-COIL notch thread inserts have a spring-like shape. When installed by hand or machine using the new V-COIL notch installation tool, they provide strong and durable internal threads that resist the effects of temperature and corrosion. Once installed, the position is maintained by the radial pressure effect between the threads and flanks of the tapped hole. This pressure is created because the free diameter is larger than the installation diameter by a pre-calculated amount.

无尾 V-COIL notch 螺套，与我们熟悉的 V-COIL 螺套一样，是为可靠的螺纹加固和螺纹修复而设计的。然而，去掉螺套尾时候的风险被消除了。

S"和"SL"型普通螺套在其下端有一个小尾，安装工具与之吻合，才能安装。安装完毕后，螺套尾被去掉。另一方面，V-COIL notch 螺套可以使用特殊的 V-COIL notch 安装工具在没有螺套尾的情况下进行安装，因为它们在螺套的两端都有一个安装槽口。这就消除了金属螺套尾落入电机或电子设备等对安全至关重要的应用中的风险。

V-COIL notch 螺套由高质量的铬镍不锈钢制造，提供坚固的内螺纹，可抵抗温度和腐蚀的影响。

独特的设计确保了卓越的螺纹，其整体性能特征任何其他单一的紧固方法所无法复制的。

与任何其他可比的螺纹插件形式相比，螺套明显更轻、更便宜。由于其紧凑的设计，它们通常可以安装在现有的结构中，即使没有为它们做其他准备。

自由运行的螺套 - "SN"型

V-COIL notch 螺套由奥氏体不锈钢精密规格的钢丝制成，具有类似弹簧的形状。在使用新的 V-COIL notch 安装工具进行手工或机器安装后，它们提供了坚固耐用的内螺纹，可以抵御温度和腐蚀影响。一旦安装完毕，通过螺纹和螺纹孔侧翼之间的径向压力效应来保持位置。出现这种压力是因为自由直径比安装直径大了一个预先计算的数量。

Wire Thread Inserts - Type "SN"


tangleless, "free running", stainless steel

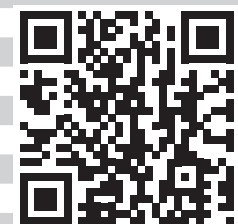
V-COIL notch

钢丝螺套-"SN"型
 无尾，自由活动型

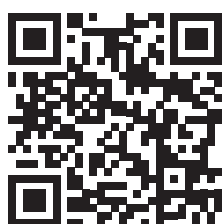


Tol. ISO 2 (6H)

Nominal Diameter		1,0 D	1,5 D	2,0 D
D		Art.-No. €/Piece	Art.-No. €/Piece	Art.-No. €/Piece
M				
M 3 x 0.5	100	09205 0,38	09305 0,38	09405 0,39
M 4 x 0.7	100	09207 0,39	09307 0,40	09407 0,42
M 5 x 0.8	100	09208 0,40	09308 0,42	09408 0,45
M 6 x 1.0	100	09209 0,42	09309 0,45	09409 0,49
M 8 x 1.25	100	09211 0,47	09311 0,54	09411 0,61
M 10 x 1.5	100	09215 0,57	09315 0,69	09415 0,81
M 12 x 1.75	100	09221 0,74	09321 0,93	09421 1,13



V-COIL notch
INSERTING TOOL
V-COIL notch
螺套旋入杆



The V-COIL notch thread insert must be screwed onto the installation tool.

The V-COIL notch installation tool is equipped with a spring-loaded blade which engages in the driver notch when the thread insert is screwed on and holds it in place. As the notches are present at both ends of the thread insert, it is not necessary to pay attention to which end of the thread insert is facing forwards in the shoring direction. The V-COIL notch installation tools are designed with a depth stop nut, which is adjusted to the intended screw-in depth for the insert by means of a lock nut on the tool.

The thread insert is screwed into the holding thread with the V-COIL notch installation tool. Since the installation tool is equipped with a 1/4" hexagon on the drive side, it can be operated with all common bit holders. This is possible both by hand and with cordless screwdrivers or even on stationary machines. Once the desired screw-in depth has been reached, the installation tool simply has to be unscrewed again. The spring-loaded blade of the V-COIL notch installation tool automatically retracts from the notch of the thread insert and releases the thread insert.

必须将V-COIL notch螺套拧到安装工具上。

V-COIL notch安装工具配备了一个弹簧刀片，当螺套被拧上时，它与驱动槽口啮合，从而将其固定。由于槽口存在于螺套的两端，因此不必注意螺套的哪一端在支撑方向上朝前。

V-COIL notch安装工具设计有一个深度止动螺母，通过工具上的锁紧螺母将其调整到螺套的预定拧入深度。

用V-COIL notch安装工具将螺套拧入固定螺纹。由于该安装工具在驱动侧配备了一个1/4"的六角柄，它可以用所有常见的钻头座进行操作。这既可以用手，也可以用无线螺丝刀，甚至可以用固定的机器。一旦达到所需的拧入深度，只需再次拧开安装工具即可。V-COIL notch安装工具的弹簧刀片会自动从螺套的缺口处缩回，并释放螺套。



Advantages:

- with Hexagon Drive
- to be used by hand or cordless powertool
- no adjustment by hand while assembling
- handy, even in awkward places

优点:

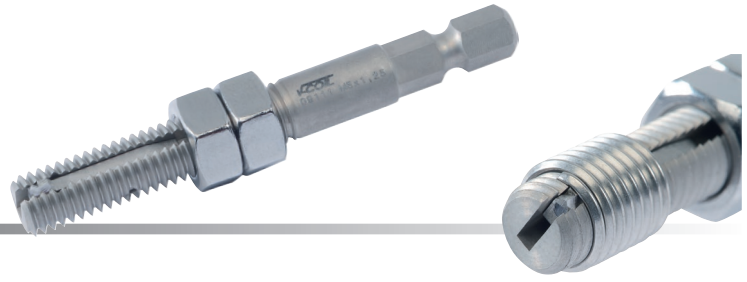
- 带六角柄
- 可以手用或无绳电动工具使用
- 装配时无需手工调整
- 方便使用，即使在不方便的地方



Inserting Tool V-COIL notch

for tangless inserts
 with 1/4" Hexagon Drive

螺套旋入杆V-COIL notch

为钢丝螺套无尾
 带1/4"六角柄



Nominal Diameter D	L1			Art.No.	€
M					
M 3 x 0.5	60	8	1/4"	09105	30,00
M 4 x 0.7	60	8	1/4"	09107	30,00
M 5 x 0.8	65	8	1/4"	09108	30,00
M 6 x 1.0	70	10	1/4"	09109	30,00
M 8 x 1.25	67	12	1/4"	09111	35,00
M 10 x 1.5	77	14	1/4"	09115	35,00
M 12 x 1.75	87	16	1/4"	09121	40,00

Thread Repair Kits

V-COIL notch "tangless"






Wire Thread Inserts - Typ "SN" 1,5 D

螺纹修复套装

V-COIL notch

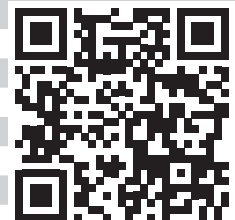
钢丝螺套 "S"型螺套丝锥(二攻) V-COIL



					Art.-No.	€
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M

M 3 x 0.5	3.2 mm	09105	1/4"	10	09005	49,00
M 4 x 0.7	4.2 mm	09107	1/4"	10	09007	49,00
M 5 x 0.8	5.2 mm	09108	1/4"	10	09008	49,00
M 6 x 1.0	6.3 mm	09109	1/4"	10	09009	50,00
M 8 x 1.25	8.3 mm	09111	1/4"	10	09011	56,00
M 10 x 1.5	10.4 mm	09115	1/4"	10	09015	62,00
M 12 x 1.75	12.4 mm	09121	1/4"	10	09021	72,00



STI-Taps V-COIL rapid
for Wire Thread Inserts ISO 2 (6H)

六角柄丝锥V-COIL rapid
为钢丝螺套ISO 2 (6H)

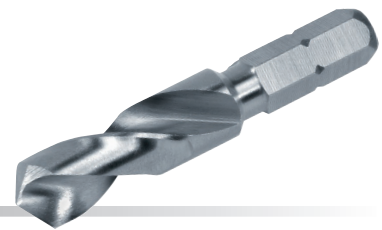


Form D HSS-G Tol. ISO 1 (4H) M

Nominal Diameter D	B	L 1	L 2	⊘	Art.-No.	€
M 2.5 x 0.45	3.1	36.0	11.0	1/4"	03090	3,70
M 3 x 0.5	3.6	36.0	11.0	1/4"	03091	3,70
M 4 x 0.7	4.9	36.0	13.0	1/4"	03092	3,90
M 5 x 0.8	6.0	36.0	16.0	1/4"	03093	3,90
M 6 x 1.0	7.3	36.0	17.0	1/4"	03094	5,70
M 8 x 1.25	9.6	42.0	20.0	1/4"	03095	7,70
M 10 x 1.5	11.9	50.0	24.0	1/4"	03096	10,20
M 12 x 1.75	14.3	50.0	29.0	1/4"	03097	11,00

STI-Drills V-COIL rapid

螺套钻头V-COIL rapid



Nominal Diameter D	L 1	S 2	⊘	Art.-No.	€
2.6 mm	36.0	16.0	1/4"	03080	3,80
3.2 mm	36.0	16.0	1/4"	03081	3,80
4.2 mm	36.0	16.0	1/4"	03082	3,80
5.2 mm	46.0	26.0	1/4"	03083	3,80
6.3 mm	46.0	26.0	1/4"	03084	3,80
8.3 mm	46.0	26.0	1/4"	03085	4,80
10.4 mm	50.0	33.5	1/4"	03086	6,30
12.4 mm	50.0	33.5	1/4"	03087	7,40



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