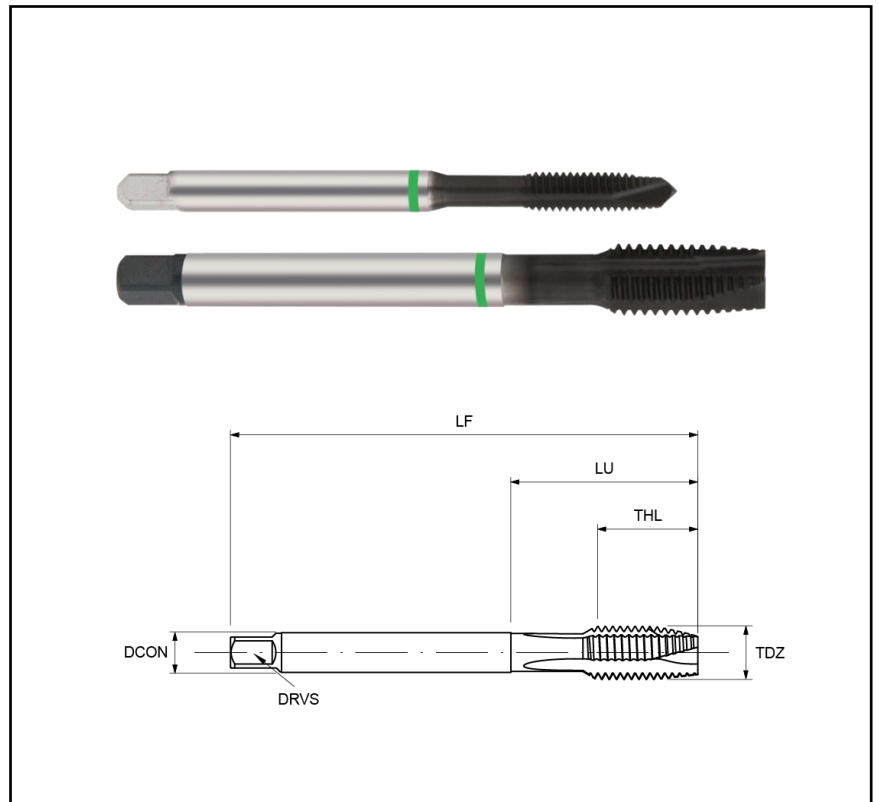


Features

- HSS-E construction: High-speed steel with cobalt for enhanced strength, heat resistance, and durability in demanding tapping operations.
- Spiral point design, pushes chips forward into the hole for fast, efficient chip evacuation, making it ideal for through-hole tapping and clean exits.
- Hardslick coating & green ring identification. The advanced surface coating reduces friction and wear, increasing tool life and performance, especially in stainless steel and tough materials.

RS PRO Metric Green Ring Tap, Spiral Point



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS Pro Metric Green Ring Spiral Point Tap is designed for efficient and reliable through hole threading in stainless steel and other tough materials. Made from HSS-E for excellent strength and heat resistance, it features a spiral point geometry that actively pushes chips forward for fast evacuation and clean thread exits. The Hard slick coating reduces friction and wear, extending tool life and enhancing performance in demanding machining applications. Easy to identify by its green ring, this tap delivers consistent, high quality threads in general engineering and production environments.

General Specifications

Brand	RS PRO
Product Type	Threading Tap
Thread Size	M3 – M12
Thread Pitch	0.5mm – 1.75mm
Thread Length	11mm – 24mm
Number of Pieces	1
Overall Length	56mm – 110mm
Hand/Machine Tap	Machine Tap
Shank Diameter	3.5mm – 10mm
Substrate	HSS-E

Mechanical Specifications

Thread Diameter Size	TDZ – See table below and detailed image below
Thread Pitch	TP – See table below and detailed image below
Threading Length	THL – See table below and detailed image below
Overall Length	LF – See table below and detailed image below
Usable Length	LU – See table below and detailed image below
Connection Diameter	DCON – See table below and detailed image below
Drive Square Size	DRVS – See table below and detailed image below

Approvals

Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	DIN 371 & M12 is DIN 376

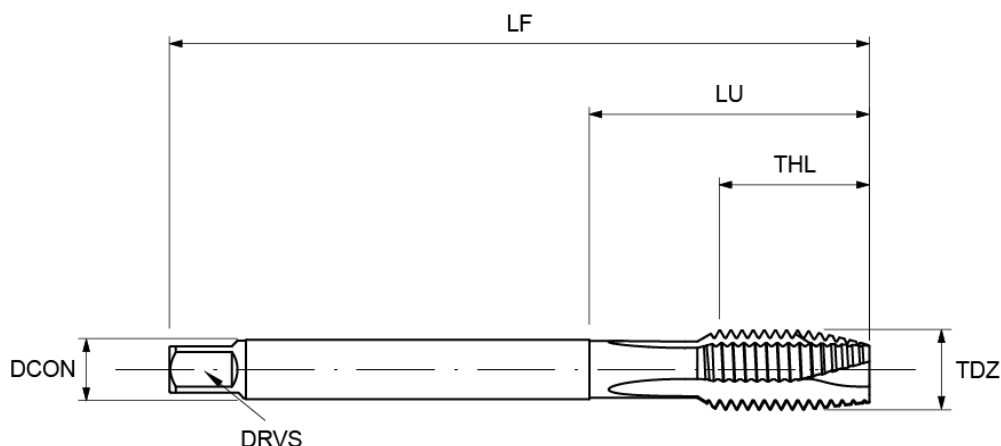
Threading Taps



Stock No.	Brand	Size TDZ	Pitch TP	Thread Length THL	O/ALL Length LF	Neck Length LU	DCON	DRVS	No. Of Flutes NOF	Tapping Drill PHD
XXX-XXXX 900252	RS PRO	M3	0.5	11	56	18	3.5	2.7	3	2.5
XXX-XXXX 900253	RS PRO	M4	0.7	13	63	21	4.5	3.4	3	3.3
XXX-XXXX 900254	RS PRO	M5	0.8	15	70	25	6.0	4.9	3	4.2
XXX-XXXX 900256	RS PRO	M6	1.0	17	80	30	6.0	4.9	3	5.0
XXX-XXXX 900257	RS PRO	M8	1.25	20	90	35	8.0	6.2	3	6.8

Similar Products

Stock No.	Brand	Size TDZ	Pitch TP	Thread Length THL	O/ALL Length LF	Neck Length LU	DCON	DRVS	No. Of Flutes NOF	Tapping Drill PHD
XXX-XXXX 900378	RS PRO	M4	0.7	7	63	21	4.5	3.4	3	3.3
XXX-XXXX 900380	RS PRO	M5	0.8	8	70	25	6.0	4.9	3	4.2
XXX-XXXX 900381	RS PRO	M6	1.0	10	80	30	6.0	4.9	3	5.0
XXX-XXXX 900379	RS PRO	M8	1.25	13	90	35	8.0	6.2	3	6.8
XXX-XXXX 900382	RS PRO	M10	1.5	15	100	39	10.0	8.0	3	8.5



Cutting Data

					
				Max 3.0xD	
				TM8053	
VDI MATERIAL GROUP		HRc	COOLANT TYPE		
P	1-5	Non-alloy Steel	<25	Emulsion	15-25
	6-9	Low alloy Steel	25-35	Emulsion	15-20
M	12-13	Ferritic / Martensitic Stainless steel		Neat oil	8-13
	14	Austenitic Stainless steel		Neat oil	6-8
S	31-35	HRSA Fe & Ni/Co Based		Neat oil	10-15
	36-37	Titanium & Titanium alloys		Neat oil	10-15

► Lighter text denotes secondary application

All recommendations are based on ideal machining conditions. Adjustments may need to be made according to your set-up.

The recommendations for speeds, feeds and other parameters presented in this chart are nominal recommendations and should be considered only as good starting points.