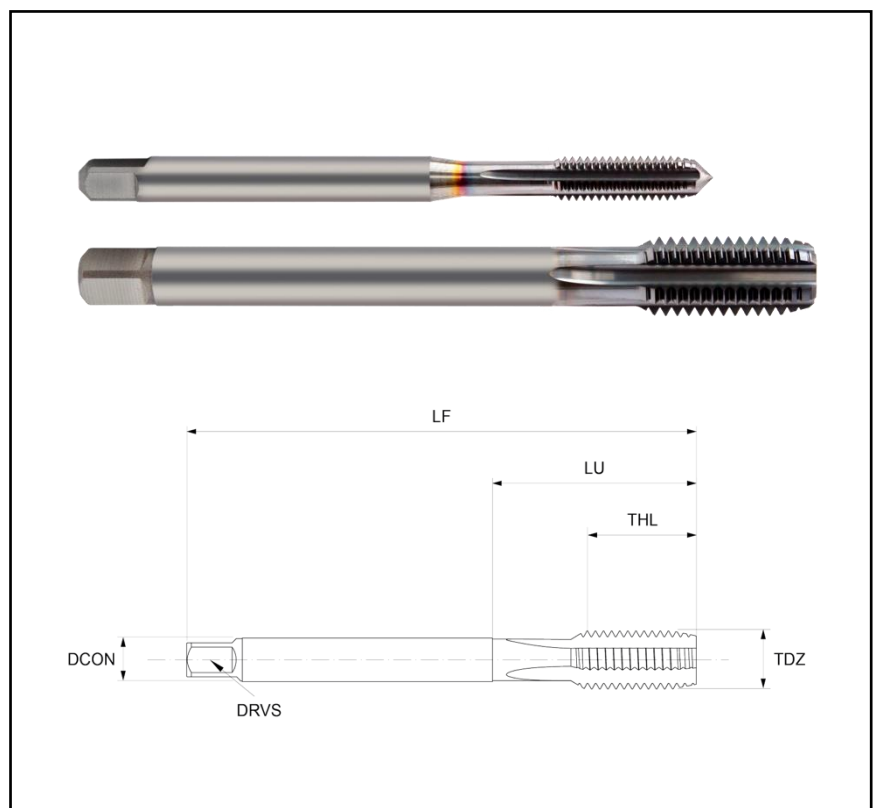


Features

- Solid carbide tap with TiCN coating for increased wear resistance and longer tool life
- Manufactured to DIN 371 / DIN 376 standards for consistent accuracy.
- Suitable for high-performance threading in tough materials thanks to premium HM carbide.

RS PRO Metric Carbide Tap



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 Carbide Tap is engineered for high-performance threading in demanding applications. Manufactured from premium HM carbide and finished with a durable TiCN coating, it delivers exceptional wear resistance, low friction, and long tool life. Built to DIN 371 and DIN 376 standards, this tap ensures consistent precision across every operation.

General Specifications

Brand	RS PRO
Product Type	Threading Tap
Thread Size	M3 – M12
Thread Standard	Metric
Thread Direction	Right
Number of Pieces	1
Overall Length	56mm – 110mm
Coating	TiCN
Hand/Machine Tap	Machine Tap
Shank Diameter	3.5mm – 9.0mm
Substrate	Carbide

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
Functional 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

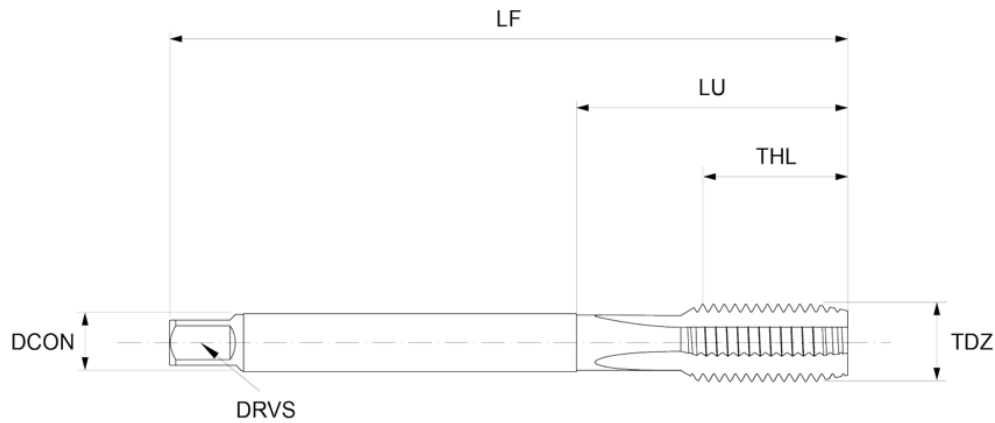
Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	DIN 371 & DIN 376

Threading Taps

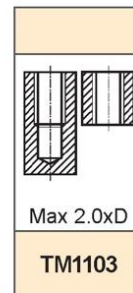


Stock No.	Size TDZ	Pitch TP	Thread Length THL	O/ALL Length OAL	Neck Length LU	DCON	DRVS	NO. Of Flutes NOF	STD BSG	Tapping Drill PHD
879438	M3	0.5	11	56	18	3.5	2.7	4	DIN 371	2.55
879439	M4	0.7	13	63	21	4.5	3.4	4	DIN 371	3.4
879440	M5	0.8	15	70	25	6.0	4.9	4	DIN 371	4.3
879441	M6	1.0	17	80	30	6.0	4.9	5	DIN 371	5.1
879442	M8	1.25	20	90	35	8	6.2	5	DIN 371	6.9
879443	M10	1.5	22	100	39	10	8	5	DIN 371	8.6
879444	M12	1.75	24	110	-	9.0	7.0	5	DIN 376	10.4

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



Cutting Data



VDI MATERIAL GROUP			HRc	COOLANT TYPE	
P	1-5	Non-alloy Steel	<25	Emulsion	-
	6-9	Low alloy Steel	25-35	Emulsion	5-8
M	12-13	Ferritic / Martensitic Stainless steel		Neat oil	-
	14	Austenitic Stainless steel		Neat oil	-
K	15-16	Grey Cast iron		Neat oil or Emulsion	-
	17-20	Nodular & Malleable Cast iron		Neat oil or Emulsion	-
N	21-25	Aluminium		Emulsion	-
	26-28	Copper & Copper alloys		Emulsion	-
H	38	Hardened Steel	40-55	Neat oil	3-7
	39	Hardened Steel	55-60	Neat oil	3-7
	40-41	Chilled & Hardened Cast Iron	42-55	Neat oil	3-7