Features

- Made from premium HSS for superior hardness, wear resistance, and heat tolerance, ensuring long-lasting durability and consistent performance in manual tapping operations.
- Featuring 3 flutes for smaller sizes (M3–M6) and 4 flutes for larger sizes (M7–M20), the taps allow smooth chip evacuation, reduced cutting torque, and accurate, clean threads.
- With full-thread lengths and precise cutting geometry, these taps are ideal for creating threads close to the bottom of blind holes where standard taps cannot reach.

Metric Fine Hand Bottom 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.

Metric Fine Hand Bottom Tap

Product Description

Metric Fine Hand Bottom Tap
The Metric Hand Bottom Tap is specially designed for creating precise threads at the bottom of blind holes where standard taps cannot reach. Manufactured from High-Speed Steel (HSS), it offers excellent hardness, wear resistance, heat tolerance for long lasting performance in manual tapping applications. The taps features optimised multi-flute geometry, 3 flutes on smaller sizes and 4 flutes on larger sizes, to ensure smooth chip evacuation, reduced cutting torque, and clean, accurate thread formation. With carefully balanced thread and overall lengths, this tap set provides enhanced control and reliability.

Applications
See cutting data sheet below.

General Specifications

Cutter Diameter	**TDZ** – See table below and detailed image below*
Cut Length	LU - See table below and detailed image below*
Number of Flutes	3-4
Material	HSS
Overall Length	**LF** - See table below and detailed image below*
Shank Type	Plain
Shank Diameter	**DCON** – See table below and detailed image below*
Centre Cutting	-

Metric Fine Hand Bottom Tap

Stock No.	Brand	MPN	Size TDZ	Pitch TP	Thread Length THL	O/ALL Length LF	DCON	DRVS	No. Of Flutes NOF
-	RS PRO	900459	M3	0.35	15.0	48	3.15	2.5	3
-	RS PRO	900460	M4	0.5	17.0	53	4.0	3.15	3
-	RS PRO	900461	M5	0.5	16.0	58	5.0	4.0	3
-	RS PRO	900462	M6	0.75	19.0	66	6.3	5.0	3
-	RS PRO	900332	M6	0.5	19.0	66	6.3	5.0	3
-	RS PRO	900463	M7	0.75	19.0	66	7.1	5.6	4
-	RS PRO	900464	M8	1.0	22.0	72	8.0	6.3	4
-	RS PRO	900333	M8	0.75	22.0	72	8.0	6.3	4
-	RS PRO	900337	M8	0.5	22.0	72	8.0	6.3	4
-	RS PRO	900465	M9	1.0	22.0	72	9.0	7.1	4
-	RS PRO	900466	M10	1.25	24.0	80	10.0	8.0	4
-	RS PRO	900334	M10	1.0	24.0	80	10.0	8.0	4
-	RS PRO	900338	M10	0.75	24.0	80	10.0	8.0	4
-	RS PRO	900467	M11	1.0	25.0	85	8.0	6.3	4
-	RS PRO	900327	M12	1.25	29.0	89	9.0	7.1	4
-	RS PRO	900339	M12	1.0	29.0	89	9.0	7.1	4
-	RS PRO	900335	M12	1.5	29.0	89	9.0	7.1	4
-	RS PRO	900328	M14	1.5	30.0	95	11.2	9.0	4
-	RS PRO	900336	M14	1.25	30.0	95	11.2	9.0	4
-	RS PRO	900340	M14	1.0	30.0	95	11.2	9.0	4
-	RS PRO	900329	M16	1.5	32.0	102	12.5	10.0	4
-	RS PRO	900341	M16	1.0	32.0	102	12.5	10.0	4
-	RS PRO	900330	M18	1.5	37.0	112	14.0	11.2	4
-	RS PRO	900342	M18	1.0	37.0	112	14.0	11.2	4
-	RS PRO	900331	M20	1.5	37.0	112	14.0	11.2	4

Approvals

Declarations	n/a
Hazardous Area Certification	n/a
Standards Met	ISO 529

*

Cutting Data