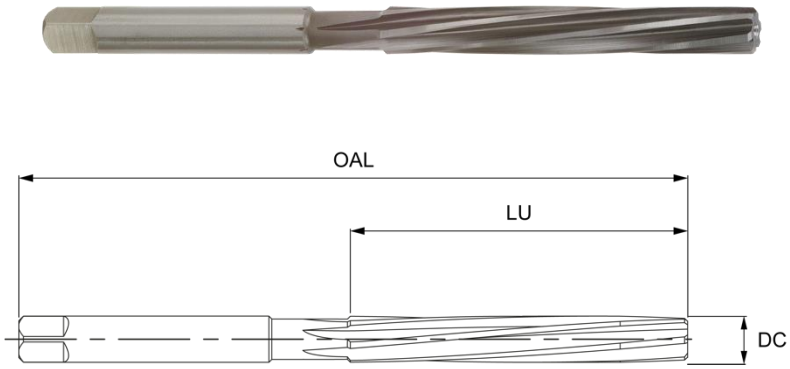
Features

- Spiral flute ensures smooth chip evacuation and precise reaming performance.
- Made from premium HSS (High-Speed Steel) for durability and long tool life.
- Delivers superior surface finish and tight tolerance holes for precision applications.

RS PRO HSS Hand Reamer, Spiral Flute



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 HSS Hand Reamer in Spiral Flute is designed for precision reaming with smooth, efficient cutting. This reamer ensures accurate hole sizing and excellent surface finish. Crafted from premium High Speed Steel (HSS), it offers long tool life and reliable performance across a wide range of materials, including mild steel and stainless steel, making it ideal for demanding machining applications.

General Specifications

Brand	RS PRO
Material	High Speed Steel (HSS)
Cutter Diameter	2mm – 19mm
Product Type	Reamer Bits
Overall Length	50mm – 188mm
Diameter	2mm – 19mm
Cut Length	25mm – 93mm
Number of Pieces	1
Reamer Bit Type	Straight / Cylindrical Shank
Reamer Application	Steel Stainless steel Cast iron Non-ferrous materials – Aluminium (brass, bronze, copper)

Mechanical Specifications

Cutter Diameter	DC– See table below and detailed image below
Cut Length	LU – See table below and detailed image below
Number of Flutes	4 - 8
Overall Length	OAL – See table below and detailed image below
Shank Type	Plain / Straight
Centre Cutting	Yes

Approvals

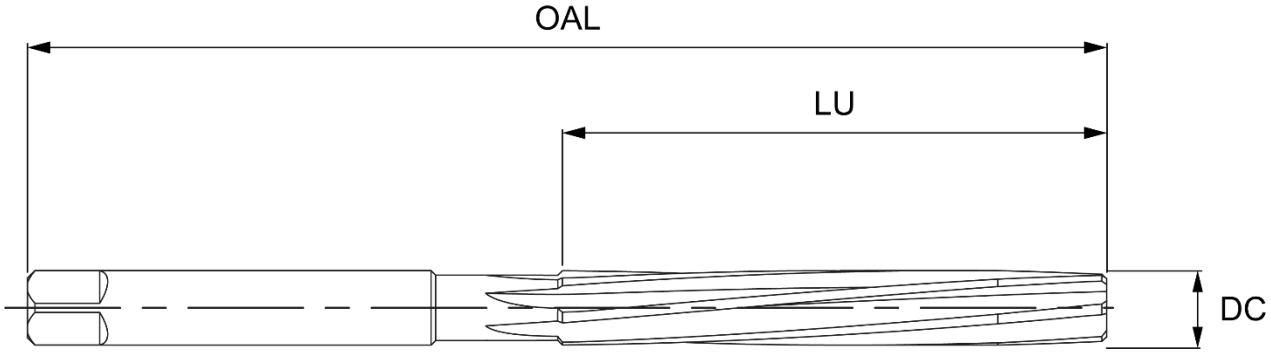
Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	DIN 206

Stock No.	Brand	DC	Flute Length **LU**	Overall Length **OAL**	No Of Flutes **NOF**
XXX-XXXX 900507	RS PRO	2.0	25	50	4
XXX-XXXX 900508	RS PRO	3.0	31	62	6
XXX-XXXX 900509	RS PRO	4.0	38	76	6
XXX-XXXX 900510	RS PRO	5.0	44	87	6
XXX-XXXX 900511	RS PRO	6.0	47	93	6
XXX-XXXX 900512	RS PRO	7.0	54	107	6
XXX-XXXX 900513	RS PRO	8.0	58	115	6
XXX-XXXX 900514	RS PRO	9.0	62	124	6
XXX-XXXX 900515	RS PRO	10.0	66	133	6
XXX-XXXX 900516	RS PRO	12.0	76	152	6
XXX-XXXX 900517	RS PRO	13.0	76	152	6
XXX-XXXX 900518	RS PRO	14.0	81	163	8
XXX-XXXX 900519	RS PRO	16.0	87	175	8
XXX-XXXX 900520	RS PRO	19.0	93	188	8

Similar Products

Stock No.	Brand	Nominal Diameter **DC**	Shank Diameter **DMM**	Flute Length **APMX**	Neck Length **LU**	O/ALL **OAL**	No Of Flutes **NOF**
XXX-XXXX 900521	RS PRO	2	2	11	-	49	4
XXX-XXXX 900237	RS PRO	10	10	38	86	133	6
XXX-XXXX 900360	RS PRO	12	10	44	104	151	6

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



Cutting Data

ISO		P			M		K		N					S		H	
VDI GROUP		1-5	6-9	10-11	12, 13	14	15-16	17-20	21-25	26-28	29.1	29.2	30	31-35	36-37	38-39	40-41
● Primary	○ Secondary	●	●		○		○		●	●	●						