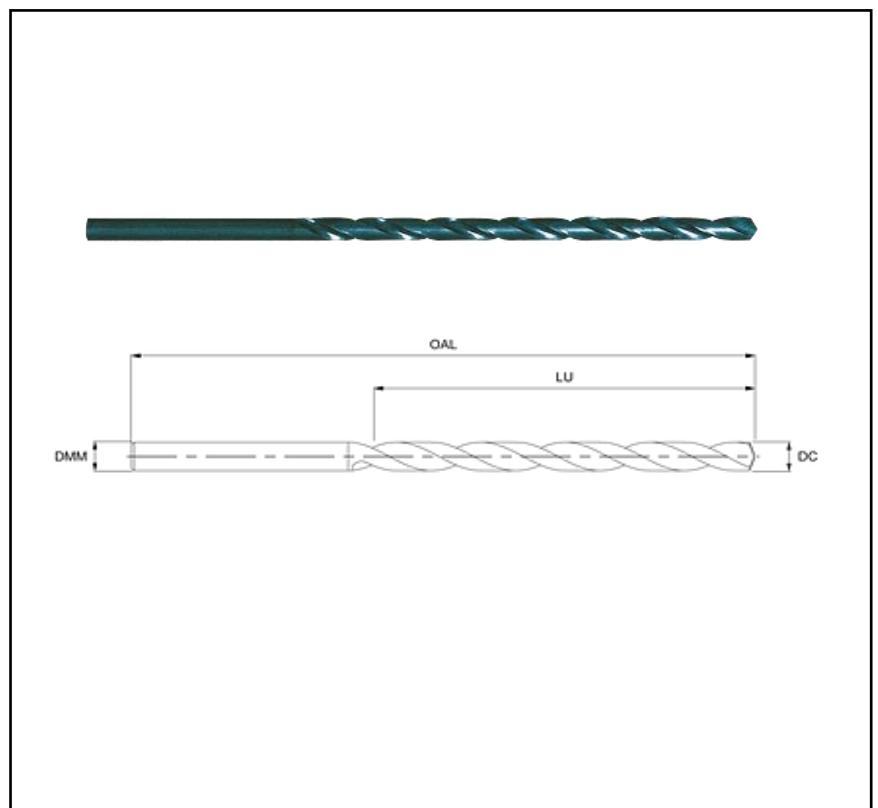


Features

- Made from High-Speed Steel (HSS) for durability and resistance.
- Extra-long (X/Long) series design provides extended reach for deep or hard-to-access holes.
- Designed for use on steel, cast iron, aluminium, brass, plastics, and other machinable materials, depending on grade and application.

RS PRO HSS X/Long Series Drill



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 X/Long Drill Series is a high-speed steel drill designed for applications requiring extended reach and deeper drilling capability. Its extra-long construction allows access to deeper holes and areas where standard length drills may not be suitable. Manufactured from HSS, it offers good hardness, wear, resistance and durability for general engineering and workshop applications.

General Specifications

Brand	RS PRO
Material	High Speed Steel (HSS)
Drill Bit Size	185mm
Product Type	Drill Bit
Overall Length	265mm
Diameter	10mm
Cut Length	185mm
Number of Pieces	1
Drill Bit Type	Twist
Drill Application	Steel Stainless steel Cast iron Aluminium Plastics, Acrylics

Mechanical Specifications

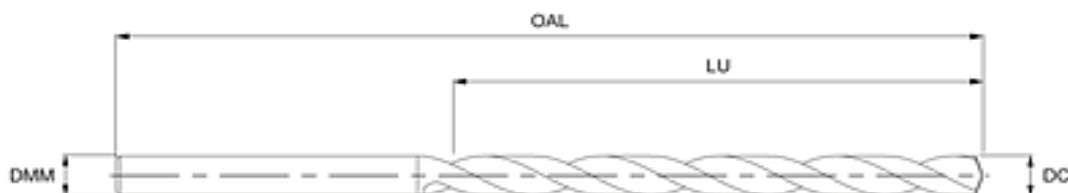
Cutter Diameter	DC– See table below and detailed image below
Cut Length	LU – See table below and detailed image below
Number of Flutes	2
Overall Length	OAL – See table below and detailed image below
Shank Type	Straight / Cylindrical Shank
Shank Diameter	DDM – See table below and detailed image below
Centre Cutting	Yes

Approvals

Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	-

Stock No.	Brand	Diameter DC / DMM	FL.LTH LU	O/ALL OAL	Shank Dia DMM
XXX-XXXX 905562	RS PRO	10	185	265	10

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



Cutting Data

820601, 0000, 0001, 820801, 820901, 821001 (HSS Stub, Two Tone, Jobber, Long Series, Extra Long Series)

VDI MATERIAL GROUP		HRc	V _c (m/min)	f _n (mm/rev)													
				ø1.0 -1.9	ø2.0 -2.9	ø3.0 -3.9	ø4.0 -4.9	ø5.0 -5.9	ø6.0 -6.9	ø7.0 -7.9	ø8.0 -9.9	ø10.0 -11.9	ø12.0 -13.5	ø14.0 -15.5	ø16.0 -17.5	ø18.0 -19.5	ø20.0
P	1-5 Non-alloy Steel	<25	25 (22-27)	0.01	0.025	0.05	0.055	0.063	0.08	0.10	0.13	0.145	0.16	0.18	0.20	0.23	0.24
	6-9 Low alloy Steel	25-35	22 (20-25)	0.009	0.02	0.045	0.05	0.06	0.075	0.095	0.125	0.14	0.15	0.17	0.21	0.22	0.23
M	12-13 Stainless Steel		18 (15-20)	0.01	0.025	0.05	0.055	0.063	0.08	0.10	0.13	0.145	0.16	0.18	0.20	0.23	0.24
K	15-16 Grey Cast Iron		18 (15-20)	0.01	0.025	0.05	0.055	0.063	0.08	0.10	0.13	0.145	0.16	0.18	0.20	0.23	0.24
N	21-24 Aluminium Si<12%		48 (45-50)	0.02	0.038	0.063	0.07	0.076	0.12	0.16	0.18	0.20	0.225	0.25	0.275	0.30	0.325
	29.1 Plastics, Acrylics		23 (22-25)	0.01	0.025	0.05	0.055	0.063	0.08	0.10	0.13	0.145	0.16	0.18	0.20	0.23	0.24