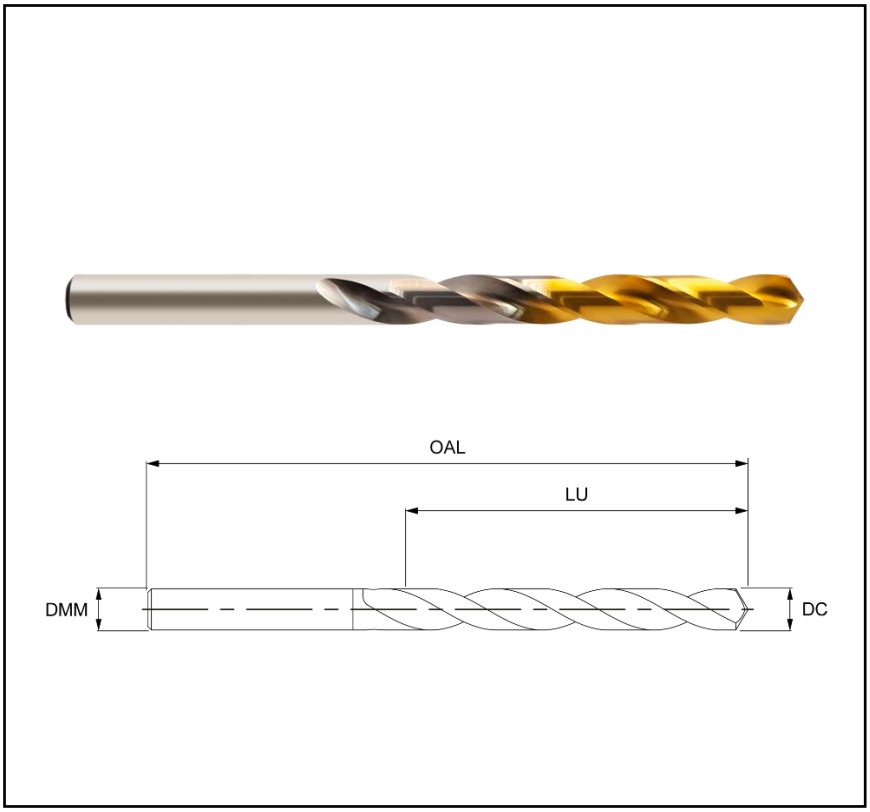
Features

- Tin-coated working area - Provides increased wear resistance, significantly extending tool life and improving overall drilling performance.
- Self-centring split point (from 1.6 mm+) - Removes the need for centre punching and minimises drill wandering for more accurate hole starts.
- Bright-finish body - Enhances chip evacuation for smoother, cleaner drilling and reduced heat buildup.

RS PRO HSS TiN Coated Jobber Drill, Metric



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 TiN Coated Jobber Drill is engineered for exceptional durability and precision. Its Titanium Nitride (TiN) coated work area delivers superior wear resistance, ensuring extended tool life and consistent high performance drilling. Sizes 1.6mm and above feature a self-centering split point. A bright-finish body further enhances chip clearance, promoting smooth operation and reduced heat buildup. Designed for reliability and efficiency, the RS PRO HSS TiN Coated jobber drill is an ideal choice drilling across a wide range of materials.

General Specifications

Brand	RS PRO
Material	High Speed Steel (HSS)
Drill Bit Size	1mm – 13mm
Product Type	Drill Bit
Overall Length	34mm – 151mm
Diameter	1.0mm – 13.0mm
Cut Length	12mm – 101mm
Number of Pieces	Packs of 10 up to 6mm Pack of 5 from 6.1mm upwards
Drill Bit Type	Jobber Drill
Drill Application	General application Alloy steels Cast irons Stainless steel Titanium & titanium Alloys Aluminium Non-ferrous materials (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	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	DIN 338

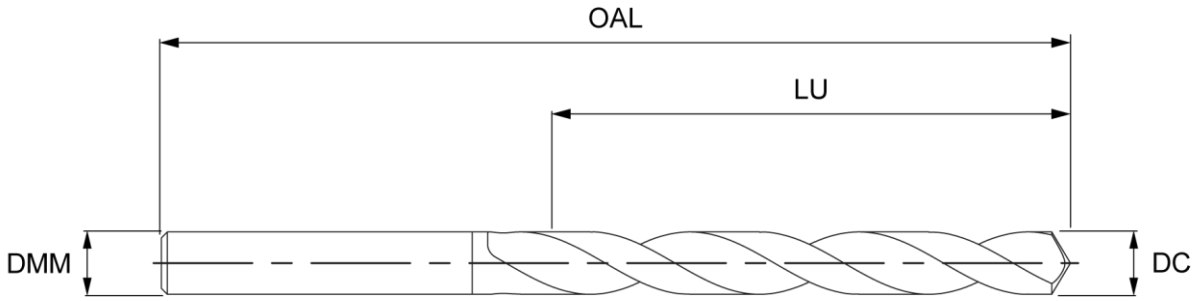
Stock No.	Brand	Diameter DC / DMM	FL.LTH LU	O/ALL OAL
XXX-XXXX 905658	RS PRO	1.5	18	40
XXX-XXXX 905659	RS PRO	2.0	24	49
XXX-XXXX 905660	RS PRO	2.5	30	57
XXX-XXXX 905653	RS PRO	3.0	33	61
XXX-XXXX 905613	RS PRO	3.1	36	65
XXX-XXXX 905656	RS PRO	3.2	36	65
XXX-XXXX 905654	RS PRO	3.3	36	65
XXX-XXXX 905655	RS PRO	3.4	39	70
XXX-XXXX 905763	RS PRO	3.5	39	70
XXX-XXXX 905764	RS PRO	3.6	39	70
XXX-XXXX 905657	RS PRO	3.7	39	70
XXX-XXXX 905765	RS PRO	3.8	43	75
XXX-XXXX 905766	RS PRO	3.9	43	75
XXX-XXXX 905755	RS PRO	7.0	69	109
XXX-XXXX 905756	RS PRO	7.2	69	109
XXX-XXXX 905757	RS PRO	7.5	69	109
XXX-XXXX 905758	RS PRO	8.0	75	117
XXX-XXXX 905759	RS PRO	8.5	75	117
XXX-XXXX 905762	RS PRO	9.0	81	125
XXX-XXXX 905760	RS PRO	9.5	81	125
XXX-XXXX 905761	RS PRO	10.0	87	133
XXX-XXXX 905608	RS PRO	10.2	87	133
XXX-XXXX 905609	RS PRO	10.5	87	133
XXX-XXXX 905607	RS PRO	11.0	94	142
XXX-XXXX 905610	RS PRO	11.5	94	142
XXX-XXXX 905611	RS PRO	12.0	101	151
XXX-XXXX 905744	RS PRO	12.1	101	151
XXX-XXXX 905745	RS PRO	12.2	101	151
XXX-XXXX 905746	RS PRO	12.3	101	151
XXX-XXXX 905748	RS PRO	12.4	101	151
XXX-XXXX 905749	RS PRO	12.5	101	151
XXX-XXXX 905750	RS PRO	12.6	101	151
XXX-XXXX 905751	RS PRO	12.7	101	151
XXX-XXXX 905752	RS PRO	12.8	101	151

XXX-XXXX 905754	RS PRO	12.9	101	151
XXX-XXXX 905612	RS PRO	13.0	101	151

Similar Products

Stock No.	Brand	Diameter Range	Increments	No. of Drills
XXX-XXXX 900358	RS PRO	1mm – 13mm	0.5mm	25
XXX-XXXX 900357	RS PRO	1mm – 10mm	0.5mm	19

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



Cutting Data

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
P	1-5	Non-alloy Steel	<25	**40 (35-45)**	0.02	0.06	0.08	0.11	0.11	0.13	0.15	0.18	0.22	0.22
P	6-9	Low alloy Steel	25-35	**23 (20-25)**	0.02	0.06	0.08	0.10	0.10	0.12	0.14	0.15	0.18	0.20
M	12-13	Stainless Steel		**23 (20-25)**	0.02	0.06	0.08	0.10	0.10	0.12	0.14	0.15	0.18	0.20
S	36-37	Titanium & Titanium Alloys		**23 (20-25)**	0.02	0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.18	0.20
N	21-24	Aluminium Si<12%		**90 (85-95)**	0.02	0.06	0.10	0.11	0.12	0.14	0.16	0.18	0.23	0.23

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.

v_c - cutting speed (m/min)
n - RPM (rev/min)
f_n - feed rate (mm/rev)
ø - drill diameter (mm)