



suttontools



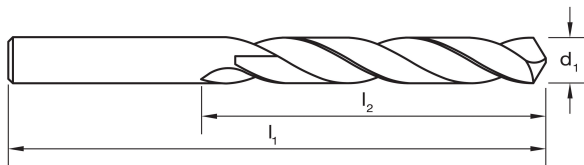
D101-Sets -Jobber Drill Sets - Silver Bullet -Sutton Tools -Silver Bullet

Sutton Tools Silver Bullet jobber drills are a general purpose drill bit designed for machine and hand held drilling in a wide range of ferrous & non-ferrous materials such as steel, aluminium, brass, wood & plastics. 118° Standard Point - For general purpose applications Precision Engineered Parallel shank - For accurate hole size Made from M2 High Speed Steel (HSS) - Offers the best combination of strength, heat & wear resistance Bright Finish - For general purpose applications, non-ferrous metals & plastics

Features:

- 118° Standard Point - For general purpose applications
- Precision Engineered Parallel shank - For accurate hole size
- Made from M2 High Speed Steel (HSS) - Offers the best combination of strength, heat & wear resistance
- Bright Finish - For general purpose applications, non-ferrous metals & plastics

Range:



Item #	Description	Pieces	Range	Case
D101S2	S2 - Imperial Set	21	1/16 - 3/8in x 1/64in rises	ABS
D101S3	S3 - Imperial Set	29	1/16 - 1/2in x 1/64in rises	ABS
D101SM1	SM1 - Metric Set	13	1.5 - 6.5mm x 0.5mm rises +3.2 & 4.8mm	ABS
D101SM2	SM2 - Metric Set	19	1.0 - 10.0mm x 0.5mm rises	ABS
D101SM3	SM3 - Metric Set	25	1.0 - 13.0mm x 0.5mm rises	ABS
D101MTLS2	MTLS2 - Imperial Set	21	1/16 - 3/8in x 1/64in rises	Metal
D101MTLSM3	MTLSM3 - Metric Set	25	1.0 - 13.0mm x 0.5mm rises	Metal
D101S7	S7 - Imperial Stand (Stand Only)	1	1/16 - 1/2in x 1/32in rises	Metal
D101SM7	SM7 - Metric Stand (Stand Only)	1	1.0 - 3.0mm x 0.25mm rises & 3.5 - 13.0mm x 0.5mm rises	Metal
D101S30	S30 - Wire Gauge Set	60	#1 - #60 Wire Gauge	Metal

Applications:

ISO	VDI	Description	Condition	Hardness	Strength	Optimal
P	1	Steel - Non-alloy, cast & free cutting (~ 0.15 %C)	Annealed	125MPa	440MPa	●
P	2	Steel - Non-alloy, cast & free cutting (~ 0.45 %C)	Annealed	190MPa	640MPa	●
P	3	Steel - Non-alloy, cast & free cutting (~ 0.45 %C)	Quenched & Tempered	250MPa	840MPa	○
P	4	Steel - Non-alloy, cast & free cutting (~ 0.75 %C)	Annealed	270MPa	910MPa	○
P	5	Steel - Non-alloy, cast & free cutting (~ 0.75 %C)	Quenched & Tempered	300HB	1010MPa	
P	6	Steel - Low alloy & cast < 5% of alloying elements	Annealed	180MPa	610MPa	●
P	7	Steel - Low alloy & cast < 5% of alloying elements	Quenched & Tempered	275MPa	930MPa	○
P	8	Steel - Low alloy & cast < 5% of alloying elements	Quenched & Tempered	300HB	1010MPa	
P	9	Steel - Low alloy & cast < 5% of alloying elements	Quenched & Tempered	350HB	1180MPa	
P	10	Steel - High alloy, cast & tool	Annealed	200MPa	680MPa	○
P	11	Steel - High alloy, cast & tool	Hardened & Tempered	325HB	1100MPa	
P	12	Steel - Corrosion resistant & cast - Ferritic / Martensitic	Annealed	200HB	680MPa	
P	13	Steel - Corrosion resistant & cast - Martensitic	Quenched & Tempered	240HB	810MPa	
M	14.1	Stainless Steel - Austenitic	Age Hardened	180HB	610MPa	
M	14.2	Stainless Steel - Duplex		250HB	840MPa	
M	14.3	Stainless Steel - Precipitation Hardening		250HB	840MPa	
K	15	Cast Iron, Grey (GG) - Ferritic / Pearlitic		180MPa	610MPa	○
K	16	Cast Iron, Grey (GG) - Pearlitic		260HB	880MPa	
K	17	Cast Iron, Nodular (GGG) - Ferritic		160MPa	570MPa	○
K	18	Cast Iron, Nodular (GGG) - Pearlitic		250HB	840MPa	
K	19	Cast Iron, Malleable - Ferritic		130HB	460MPa	
K	20	Cast Iron, Malleable - Pearlitic		230HB	780MPa	
N	21	Aluminum & Magnesium, wrought alloy - Non Heat Treatable		60MPa	210MPa	●
N	22	Aluminum & Magnesium, wrought alloy - Heat Treatable	Age Hardened	100MPa	360MPa	●
N	23	Aluminum & Magnesium, cast alloy ?12% Si - Non Heat Treatable		75MPa	270MPa	○
N	24	Aluminum & Magnesium, cast alloy ?12% Si - Heat Treatable	Age Hardened	90MPa	320MPa	○
N	25	Aluminum & Magnesium, cast alloy >12% Si - Non Heat Treatable		130MPa	460MPa	○
N	26	Copper & Copper alloys (Brass/Bronze) - Free cutting, Pb > 1%		110MPa	390MPa	○
N	27	Copper & Copper alloys (Brass/Bronze) - Brass (CuZn, CuSnZn)		90MPa	320MPa	○
N	28	Copper & Copper alloys (Brass/Bronze) - Bronze (CuSn)		100MPa	360MPa	○
N	29	Non-metallic - Thermosetting & fiber-reinforced plastics				○
N	30	Non-metallic - Hard rubber, wood etc.				
S	31	High temperature alloys - Fe based	Annealed	200HB	680MPa	
S	32	High temperature alloys - Fe based	Age Hardened	280HB	950MPa	
S	33	High temperature alloys - Ni / Co based	Annealed	250HB	840MPa	
S	34	High temperature alloys - Ni / Co based	Age Hardened	350HB	1180MPa	
S	35	High temperature alloys - Ni / Co based	Cast	320HB	1080MPa	
S	36	Titanium & Titanium alloys - CP Titanium			400MPa	
S	37.1	Titanium & Titanium alloys - Alpha alloys			860MPa	
S	37.2	Titanium & Titanium alloys - Alpha / Beta alloys	Annealed		960MPa	
S	37.3	Titanium & Titanium alloys - Alpha / Beta alloys	Age Hardened		1170MPa	
S	37.4	Titanium & Titanium alloys - Beta alloys	Annealed		830MPa	
S	37.5	Titanium & Titanium alloys - Beta alloys	Age Hardened		1400MPa	
H	38.1	Hardened steel	Hardened & Tempered	45HRC		
H	38.2	Hardened steel	Hardened & Tempered	55HRC		

KEY

● Optimal ○ Effective



Steel



Stainless



Cast Iron



Non-Ferous Metals



Titanium & Super Alloys



Hard Materials

Applications:

ISO	VDI	Description	Condition	Hardness	Strength	Optimal
H	39.1	Hardened steel	Hardened & Tempered	58HRC		
H	39.2	Hardened steel	Hardened & Tempered	62HRC		
H	40	Cast Iron - Chilled	Cast	400MPa	1350MPa	o
H	41	Cast Iron	Hardened & Tempered	55HRC		

KEY

☒ Optimal ☐ Effective
 P Steel
 M Stainless
 K Cast Iron
 N Non-Ferrous Metals
 S Titanium & Super Alloys
 H Hard Materials

Trade/DIY Applications:

Wood		Metal		Specialty		Masonry	
Soft Wood	o	Steel	•	PVC Plastic	o	Masonry	
Hard Wood	o	Hard Steel		Acrylic		Plasterboard	
Wood & Nails	o	Stainless Steel		mineral rock wool		Compressed Fibre	
Chipboard	o	Aluminium	•	foams (EPS, PUR),		Cement	
Plywood	o	Copper / Brass	•	Polystyrene		Cement Sheet	
MDF	o	Cast Iron		Leather		Ceramic Tile	
Green Wood		Sheet Metal	o	Rubber		Hebel	
Sandwich Construction	o	Precious Metals		Fibreglass		Brick	
Pallet	o	Metal Pipe	o	Carbon Fibre		Concrete	
Window Frame	o			Glass		Reinforced Concrete	
				Laminate		Stone	
						Granite	
						Marble	

KEY

☒ Optimal ☐ Effective