

DRILLS > JOBBER



D101 - JOBBER DRILLS - 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.

Features:

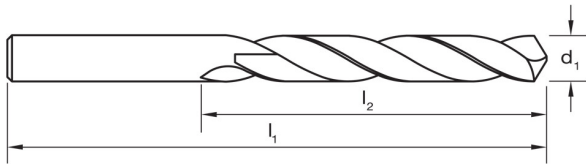
- 118° standard point for general purpose applications
- Precision engineered parallel shank for accurate hole size
- Made from M2 High Speed Steel (HSS) offering the best combination of strength, heat & wear resistance
- Bright finish for general purpose applications, non-ferrous metals & plastics

Specifications:

Designation:	N
Material:	HSS
Finish:	Brt
Max Cut Depth:	5xD
Shank Form:	A
Helix Angle:	R30
Point Tolerance:	h8
Point Angle:	118°
Point Form:	Form A
Standard:	ANSI B94-11 / DIN338

DRILLS > JOBBER

Range:



Item #	Description	Pieces	Range	Case
D101MTLS2	MTLS2	21	1/16-3/8x64ths	Metal
D101MTLS3	MTLS3	29	1/16-1/2-64ths	Metal
D101MTLSM2	SM2	19	1.0 - 10.0mm x 0.5	Metal
D101MTLSM3	SM3	25	1.0 - 13.0 x 0.5	Metal
D101S1	S1	13	1/16 - 1/4 x 1/64 rises	Plastic
D101S2	S2	21	1/16 - 3/8 x 1/64 rises	ABS
D101S3	S3	29	1/16 - 1/2 x 1/32 rises	ABS
D101S30	S30	60	#1 - #60 Wire Gauge	Metal
D101S31	S31	20	#61 - #80 Wire Gauge	Plastic
D101S3B	S3B	15	1/16 - 1/2 x 1/32 rises	ABS
D101S3BR	S3BR	15	1/16 - 1/2 x 1/32 rises	ABS
D101S7	S7	1	Stand Only: 1/16 - 1/2 x 1/32 rises	Metal
D101SM1	SM1	12	1.0 - 6.5mm x 0.5mm rises	ABS
D101SM2	SM2	19	1.0 - 10.0mm x 0.5mm rises	ABS
D101SM3	SM3	25	1.0 - 13.0mm x 0.5mm rises	ABS
D101SM30	SM30	50	1.0 - 5.9mm x 0.1mm rises	Metal
D101SM41	SM41	41	6.0 - 10.0mm x 0.1 rises	Metal
D101SM7	SM7	1	Stand Only: 1.0 - 3.0mm x 0.25, 3.5 - 13.0mm x 0.5	Metal
D101SM8	SM8	29	Suits SM7 Stand: 1.0 - 3.0mm x 0.25, 3.5 - 13.0mm x 0.5	Quad Pack
D101SRK1	SRK1	3	1/16, 3/32, 1/8	Tray
D101SRK2	SRK2	5	1/16 - 1/8 x 1/64 rises	Tray
D101SRK20	SRK20	20	5 each: SRK2, SRK3, SRKM2, SRKM3	Merchandiser
D101SRK3	SRK3	5	1/16 - 3/16 x 1/32 rises	Tray
D101SRKM2	SRKM2	5	1.5 - 3.5mm x 0.5mm rises	Tray
D101SRKM3	SRKM3	5	1.5, 2.0, 3.0, 4.0, 5.0mm	Tray

DRILLS > JOBBER

Applications:

ISO	VDI	Description	Condition	Hardness	Strength	Optimal
P	1	Steel - Non-alloy, cast & free cutting (~ 0.15 %C)	Annealed	125HB	440MPa	●
P	2	Steel - Non-alloy, cast & free cutting (~ 0.45 %C)	Annealed	190HB	640MPa	●
P	3	Steel - Non-alloy, cast & free cutting (~ 0.45 %C)	Quenched & Tempered	250HB	840MPa	○
P	4	Steel - Non-alloy, cast & free cutting (~ 0.75 %C)	Annealed	270HB	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	180HB	610MPa	●
P	7	Steel - Low alloy & cast < 5% of alloying elements	Quenched & Tempered	275HB	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	200HB	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		180HB	610MPa	○
K	16	Cast Iron, Grey (GG) - Pearlitic		260HB	880MPa	
K	17	Cast Iron, Nodular (GGG) - Ferritic		160HB	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		60HB	210MPa	●
N	22	Aluminum & Magnesium, wrought alloy - Heat Treatable	Age Hardened	100HB	360MPa	●
N	23	Aluminum & Magnesium, cast alloy ≤12% Si - Non Heat Treatabl		75HB	270MPa	○
N	24	Aluminum & Magnesium, cast alloy ≤12% Si - Heat Treatable	Age Hardened	90HB	320MPa	○
N	25	Aluminum & Magnesium, cast alloy >12% Si - Non Heat Treatabl		130HB	460MPa	○
N	26	Copper & Copper alloys (Brass/Bronze) - Free cutting, Pb > 1		110HB	390MPa	○
N	27	Copper & Copper alloys (Brass/Bronze) - Brass (CuZn, CuSnZn)		90HB	320MPa	○
N	28	Copper & Copper alloys (Brass/Bronze) - Bronze (CuSn)		100HB	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 | P Steel M Stainless K Cast Iron N Non-Ferous Metals S Titanium & Super Alloys H Hard Materials

Trade/DIY Applications:

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

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