



### 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:

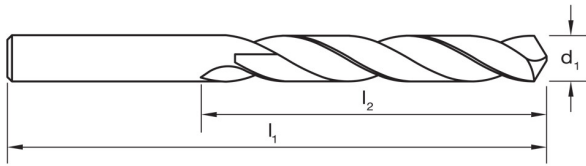
- 118° standard point for general purpose applications
- Precision engineered parallel shank for accurate hole size
- Made from M2 High Speed Steel (HSS) offering the best combination of strength, heat & wear resistance
- Bright finish for general purpose applications, non-ferrous metals & plastics

### Specifications:

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

## DRILLS > JOBBER

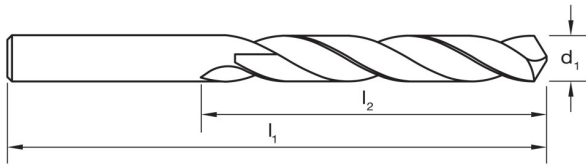
Range:



Item #	d1 (mm)	d1 (inch)	l1	l2	d2
D1010034	0.34	#80	19	3	-
D1010035	0.35	-	19	4	-
D1010037	0.37	#79	19	3	-
D1010038	0.38	-	19	4	-
D1010039	0.4	1/64	19	5	-
D1010040	0.4	-	20	5	-
D1010041	0.41	#78	22	5	-
D1010042	0.42	-	20	5	-
D1010045	0.45	-	20	5	-
D1010046	0.46	#77	22	5	-
D1010048	0.48	-	20	5	-
D1010050	0.5	-	22	6	-
D1010051	0.51	#76	22	5	-
D1010052	0.52	-	22	6	-
D1010053	0.53	#75	25	6	-
D1010055	0.55	-	24	7	-
D1010057	0.57	#74	25	6	-
D1010060	0.6	-	24	7	-
D1010061	0.61	#73	29	8	-
D1010063	0.63	#72	29	8	-
D1010065	0.65	-	26	8	-
D1010066	0.66	#71	32	10	-
D1010070	0.7	-	28	9	-
D1010071	0.71	#70	32	10	-
D1010074	0.74	#69	35	13	-
D1010075	0.75	-	28	9	-
D1010078	0.79	#68	35	13	-
D1010079	0.79	1/32	35	13	-
D1010080	0.8	-	30	10	-
D1010081	0.81	#67	35	13	-
D1010084	0.84	#66	35	13	-
D1010085	0.85	-	30	10	-
D1010089	0.89	#65	38	16	-
D1010090	0.9	-	32	11	-
D1010091	0.91	#64	38	16	-

## DRILLS > JOBBER

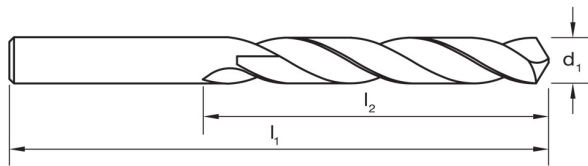
Range:



Item #	d1 (mm)	d1 (inch)	l1	l2	d2
D1010094	0.94	#63	38	16	-
D1010095	0.95	-	32	11	-
D1010096	0.96	#62	38	16	-
D1010099	0.99	#61	41	17	-
D1010100	1	-	34	12	-
D1010102	1.02	#60	41	17	-
D1010104	1.04	#59	41	17	-
D1010105	1.05	-	34	12	-
D1010107	1.07	#58	41	17	-
D1010109	1.09	#57	44	19	-
D1010110	1.1	-	36	14	-
D1010115	1.15	-	36	14	-
D1010118	1.18	#56	44	19	-
D1010119	1.19	3/64	44	19	-
D1010120	1.2	-	38	16	-
D1010125	1.25	-	38	16	-
D1010130	1.3	-	38	16	-
D1010132	1.32	#55	48	22	-
D1010135	1.35	-	38	16	-
D1010139	1.4	#54	48	22	-
D1010140	1.4	-	40	18	-
D1010145	1.45	-	40	18	-
D1010150	1.5	-	40	18	-
D1010151	1.51	#53	48	22	-
D1010155	1.55	-	40	18	-
D1010159	1.59	1/16	48	22	-
D1010160	1.6	-	43	20	-
D1010161	1.61	#52	48	22	-
D1010165	1.65	-	43	20	-
D1010170	1.7	-	43	20	-
D1010171	1.7	#51	51	25	-
D1010175	1.75	-	43	20	-
D1010178	1.78	#50	51	25	-
D1010180	1.8	-	46	22	-
D1010184	1.85	#49	51	25	-

## DRILLS > JOBBER

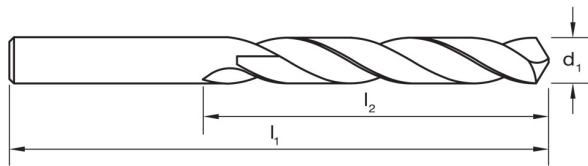
Range:



Item #	d1 (mm)	d1 (inch)	l1	l2	d2
D1010185	1.85	-	46	22	-
D1010190	1.9	-	46	22	-
D1010193	1.93	#48	51	25	-
D1010195	1.95	-	46	22	-
D1010198	1.98	5/64	51	25	-
D1010199	1.99	#47	51	25	-
D1010200	2	-	49	24	-
D1010205	2.05	-	49	24	-
D1010206	2.06	#46	54	29	-
D1010208	2.08	#45	54	29	-
D1010210	2.1	-	49	24	-
D1010215	2.15	-	49	24	-
D1010218	2.18	#44	54	29	-
D1010220	2.2	-	53	27	-
D1010225	2.25	-	53	27	-
D1010226	2.26	#43	57	32	-
D1010230	2.3	-	53	27	-
D1010235	2.35	-	53	27	-
D1010237	2.37	#42	57	32	-
D1010238	2.38	3/32	57	32	-
D1010240	2.4	-	57	30	-
D1010244	2.44	#41	60	35	-
D1010245	2.45	-	57	30	-
D1010249	2.49	#40	60	35	-
D1010250	2.5	-	57	30	-
D1010253	2.53	#39	60	35	-
D1010255	2.55	-	57	30	-
D1010258	2.58	#38	64	37	-
D1010260	2.6	-	57	30	-
D1010264	2.64	#37	64	37	-
D1010265	2.65	-	57	30	-
D1010270	2.7	-	61	33	-
D1010271	2.7	#36	64	37	-
D1010275	2.75	-	61	33	-
D1010278	2.78	7/64	67	38	-

## DRILLS > JOBBER

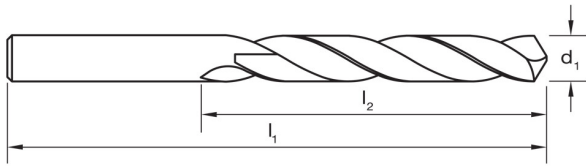
Range:



Item #	d1 (mm)	d1 (inch)	l1	l2	d2
D1010279	2.79	#35	67	38	-
D1010280	2.8	-	61	33	-
D1010282	2.82	#34	67	38	-
D1010285	2.85	-	61	33	-
D1010287	2.87	#33	67	38	-
D1010290	2.9	-	61	33	-
D1010294	2.95	#32	70	41	-
D1010295	2.95	-	61	33	-
D1010300	3	-	61	33	-
D1010305	3.05	#31	70	41	-
D1010310	3.1	-	65	36	-
D1010318	3.18	1/8	70	41	-
D1010320	3.2	-	65	36	-
D1010326	3.26	#30	70	41	-
D1010330	3.3	-	65	36	-
D1010340	3.4	-	70	39	-
D1010345	3.45	#29	73	44	-
D1010350	3.5	-	70	39	-
D1010356	3.57	#28	73	44	-
D1010357	3.57	9/64	73	44	-
D1010360	3.6	-	70	39	-
D1010366	3.66	#27	76	48	-
D1010370	3.7	-	70	39	-
D1010373	3.73	#26	76	48	-
D1010379	3.8	#25	76	48	-
D1010380	3.8	-	75	43	-
D1010386	3.86	#24	79	51	-
D1010390	3.9	-	75	43	-
D1010391	3.91	#23	79	51	-
D1010397	3.97	5/32	79	51	-
D1010399	3.99	#22	79	51	-
D1010400	4	-	75	43	-
D1010404	4.04	#21	83	54	-
D1010409	4.09	#20	83	54	-
D1010410	4.1	-	75	43	-

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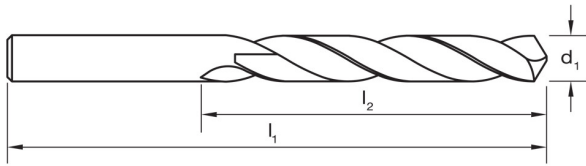
Range:



Item #	d1 (mm)	d1 (inch)	l1	l2	d2
D1010420	4.2	-	75	43	-
D1010422	4.22	#19	83	54	-
D1010430	4.3	-	80	47	-
D1010431	4.3	#18	83	54	-
D1010437	4.37	11/64	83	54	-
D1010439	4.39	#17	86	56	-
D1010440	4.4	-	80	47	-
D1010449	4.5	#16	86	56	-
D1010450	4.5	-	80	47	-
D1010457	4.57	#15	86	56	-
D1010460	4.6	-	80	47	-
D1010462	4.62	#14	86	56	-
D1010469	4.7	#13	89	59	-
D1010470	4.7	-	80	47	-
D1010476	4.76	3/16	89	59	-
D1010480	4.8	-	86	52	-
D1010481	4.8	#12	89	59	-
D1010485	4.85	#11	89	59	-
D1010490	4.9	-	86	52	-
D1010491	4.91	#10	92	62	-
D1010498	4.98	#9	92	62	-
D1010500	5	-	86	52	-
D1010506	5.05	#8	92	62	-
D1010510	5.1	-	86	52	-
D1010511	5.1	#7	92	62	-
D1010516	5.16	13/64	92	62	-
D1010518	5.18	#6	95	64	-
D1010520	5.2	-	86	52	-
D1010522	5.22	#5	95	64	-
D1010530	5.3	-	86	52	-
D1010531	5.31	#4	95	64	-
D1010540	5.4	-	93	57	-
D1010541	5.41	#3	95	64	-
D1010550	5.5	-	93	57	-
D1010556	5.56	7/32	95	64	-

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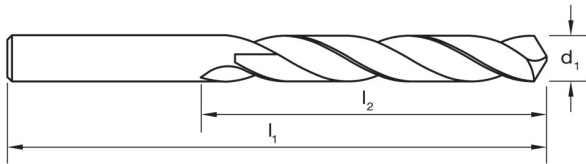
Range:



Item #	d1 (mm)	d1 (inch)	l1	l2	d2
D1010560	5.6	-	93	57	-
D1010561	5.61	#2	98	67	-
D1010570	5.7	-	93	57	-
D1010579	5.79	#1	98	67	-
D1010580	5.8	-	93	57	-
D1010590	5.9	-	93	57	-
D1010595	5.95	15/64	98	67	-
D1010600	6	-	93	57	-
D1010610	6.1	-	101	63	-
D1010620	6.2	-	101	63	-
D1010630	6.3	-	101	63	-
D1010635	6.35	1/4	102	70	-
D1010640	6.4	-	101	63	-
D1010650	6.5	-	101	63	-
D1010660	6.6	-	101	63	-
D1010670	6.7	-	101	63	-
D1010676	6.75	17/64	105	73	-
D1010680	6.8	-	109	69	-
D1010690	6.9	-	109	69	-
D1010700	7	-	109	69	-
D1010710	7.1	-	109	69	-
D1010714	7.14	9/32	108	75	-
D1010720	7.2	-	109	69	-
D1010730	7.3	-	109	69	-
D1010740	7.4	-	109	69	-
D1010750	7.5	-	109	69	-
D1010754	7.54	19/64	111	78	-
D1010760	7.6	-	117	75	-
D1010770	7.7	-	117	75	-
D1010780	7.8	-	117	75	-
D1010790	7.9	-	117	75	-
D1010794	7.94	5/16	114	81	-
D1010800	8	-	117	75	-
D1010810	8.1	-	117	75	-
D1010820	8.2	-	117	75	-

## DRILLS > JOBBER

Range:



Item #	d1 (mm)	d1 (inch)	l1	l2	d2
D1010830	8.3	-	117	75	-
D1010833	8.33	21/64	117	84	-
D1010840	8.4	-	117	75	-
D1010850	8.5	-	117	75	-
D1010860	8.6	-	125	81	-
D1010870	8.7	-	125	81	-
D1010873	8.73	11/32	121	87	-
D1010880	8.8	-	125	81	-
D1010890	8.9	-	125	81	-
D1010900	9	-	125	81	-
D1010910	9.1	-	125	81	-
D1010913	9.13	23/64	124	89	-
D1010920	9.2	-	125	81	-
D1010930	9.3	-	125	81	-
D1010940	9.4	-	125	81	-
D1010950	9.5	-	125	81	-
D1010953	9.52	3/8	127	92	-
D1010960	9.6	-	133	87	-
D1010970	9.7	-	133	87	-
D1010980	9.8	-	133	87	-
D1010990	9.9	-	133	87	-
D1010992	9.92	25/64	130	95	-
D1011000	10	-	133	87	-
D1011010	10.1	-	133	87	-
D1011020	10.2	-	133	87	-
D1011030	10.3	-	133	87	-
D1011032	10.32	13/32	133	98	-
D1011040	10.4	-	133	87	-
D1011050	10.5	-	133	87	-
D1011060	10.6	-	133	87	-
D1011070	10.7	-	142	94	-
D1011072	10.72	27/64	137	100	-
D1011080	10.8	-	142	94	-
D1011090	10.9	-	142	94	-
D1011100	11	-	142	94	-



## 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