



suttontools



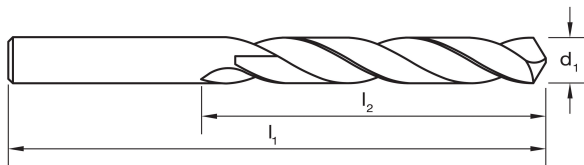
D101 -Jobber Drills - Silver Bullet -Sutton Tools - Silver Bullet

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.

Features:

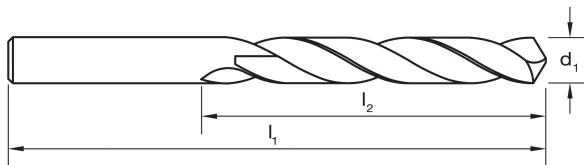
- 118° Standard Point - For general purpose applications
- Precision Engineered Parallel shank - For accurate hole size
- Made from M2 High Speed Steel (HSS) - Offers the best combination of strength, heat & wear resistance
- Bright Finish - For general purpose applications, non-ferrous metals & plastics

Range:



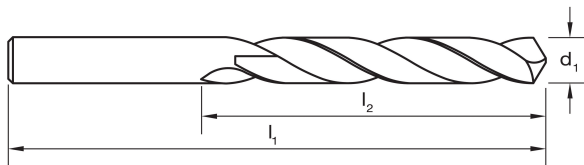
Item #	Diameter d1 (mm)	Diameter d1 (inch)	Diameter d1 (ga)	Length l1 (mm)	Length l2 (mm)
D1010159	1.59	1/16	-	43	20
D1010198	1.98	5/64	-	49	24
D1010238	2.38	3/32	-	57	30
D1010278	2.78	7/64	-	61	33
D1010318	3.18	1/8	-	65	36
D1010357	3.57	9/64	-	70	39
D1010397	3.97	5/32	-	75	43
D1010437	4.37	11/64	-	80	47
D1010476	4.76	3/16	-	86	52
D1010516	5.16	13/64	-	86	52
D1010556	5.56	7/32	-	93	57
D1010595	5.95	15/64	-	93	57
D1010635	6.35	1/4	-	101	63
D1010676	6.75	17/64	-	105	73
D1010714	7.14	9/32	-	109	69
D1010754	7.54	19/64	-	117	75
D1010794	7.94	5/16	-	117	75
D1010833	8.33	21/64	-	117	75
D1010873	8.73	11/32	-	125	81
D1010913	9.13	23/64	-	125	81
D1010953	9.53	3/8	-	133	87
D1010992	9.92	25/64	-	133	87
D1011032	10.32	13/32	-	133	87
D1011072	10.72	27/64	-	142	94
D1011111	11.11	7/16	-	142	94
D1011151	11.51	29/64	-	142	94
D1011191	11.91	15/32	-	151	101
D1011231	12.30	31/64	-	149	111
D1011269	12.70	1/2	-	152	114
D1010249	2.49	-	#40	60	35
D1010253	2.53	-	#39	60	35
D1010258	2.58	-	#38	64	37
D1010264	2.64	-	#37	64	37
D1010271	2.71	-	#26	64	37
D1010279	2.79	-	#35	67	38

Range:



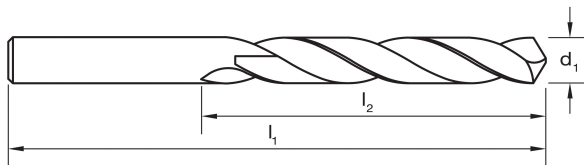
Item #	Diameter d1 (mm)	Diameter d1 (inch)	Diameter d1 (ga)	Length l1 (mm)	Length l2 (mm)
D1010282	2.82	-	#34	67	38
D1010287	2.87	-	#33	67	38
D1010294	2.94	-	#32	70	41
D1010305	3.05	-	#31	70	41
D1010326	3.26	-	#30	70	41
D1010345	3.45	-	#29	73	44
D1010356	3.56	-	#28	73	44
D1010366	3.66	-	#27	76	48
D1010373	3.73	-	#26	76	48
D1010379	3.79	-	#25	76	48
D1010386	3.86	-	#24	79	51
D1010391	3.91	-	#23	79	51
D1010399	3.99	-	#22	79	51
D1010404	4.04	-	#21	83	54
D1010409	4.09	-	#20	83	54
D1010422	4.22	-	#19	83	54
D1010431	4.31	-	#18	83	54
D1010439	4.39	-	#17	86	56
D1010449	4.49	-	#16	86	56
D1010457	4.57	-	#15	86	56
D1010462	4.62	-	#14	86	56
D1010469	4.69	-	#13	89	59
D1010481	4.81	-	#12	89	59
D1010485	4.85	-	#11	89	59
D1010491	4.91	-	#10	92	62
D1010498	4.98	-	#9	92	62
D1010506	5.06	-	#8	92	62
D1010511	5.11	-	#7	92	62
D1010518	5.18	-	#6	95	64
D1010522	5.22	-	#5	95	64
D1010531	5.31	-	#4	95	64
D1010541	5.41	-	#3	95	64
D1010561	5.61	-	#2	98	67
D1010579	5.79	-	#1	98	67
D1010150	1.50	-	-	40	18

Range:



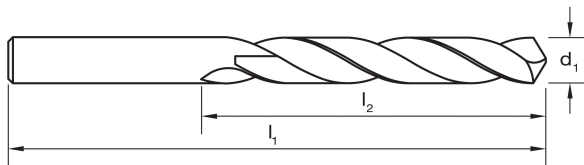
Item #	Diameter d1 (mm)	Diameter d1 (inch)	Diameter d1 (ga)	Length l1 (mm)	Length l2 (mm)
D1010200	2.00	-	-	49	24
D1010250	2.50	-	-	57	30
D1010300	3.00	-	-	61	33
D1010310	3.10	-	-	65	36
D1010320	3.20	-	-	65	36
D1010330	3.30	-	-	65	36
D1010340	3.40	-	-	70	39
D1010350	3.50	-	-	70	39
D1010360	3.60	-	-	70	39
D1010370	3.70	-	-	70	39
D1010380	3.80	-	-	75	43
D1010390	3.90	-	-	75	43
D1010400	4.00	-	-	75	43
D1010410	4.10	-	-	75	43
D1010420	4.20	-	-	75	43
D1010430	4.30	-	-	80	47
D1010440	4.40	-	-	80	47
D1010450	4.50	-	-	80	47
D1010460	4.60	-	-	80	47
D1010470	4.70	-	-	80	47
D1010480	4.80	-	-	86	52
D1010500	5.00	-	-	86	52
D1010510	5.10	-	-	86	52
D1010520	5.20	-	-	86	52
D1010530	5.30	-	-	86	52
D1010540	5.40	-	-	93	57
D1010550	5.50	-	-	93	57
D1010560	5.60	-	-	93	57
D1010570	5.70	-	-	93	57
D1010580	5.80	-	-	93	57
D1010590	5.90	-	-	93	57
D1010600	6.00	-	-	93	57
D1010610	6.10	-	-	101	63
D1010620	6.20	-	-	101	63
D1010630	6.30	-	-	101	63

Range:



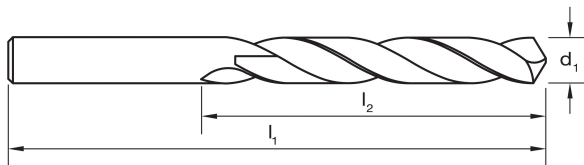
Item #	Diameter d1 (mm)	Diameter d1 (inch)	Diameter d1 (ga)	Length l1 (mm)	Length l2 (mm)
D1010640	6.40	-	-	101	63
D1010650	6.50	-	-	101	63
D1010660	6.60	-	-	101	63
D1010670	6.70	-	-	101	63
D1010680	6.80	-	-	109	69
D1010690	6.90	-	-	109	69
D1010700	7.00	-	-	109	69
D1010710	7.10	-	-	109	69
D1010720	7.20	-	-	109	69
D1010730	7.30	-	-	109	69
D1010740	7.40	-	-	109	69
D1010750	7.50	-	-	109	69
D1010760	7.60	-	-	117	75
D1010770	7.70	-	-	117	75
D1010780	7.80	-	-	117	75
D1010790	7.90	-	-	117	75
D1010800	8.00	-	-	117	75
D1010810	8.10	-	-	117	75
D1010820	8.20	-	-	117	75
D1010830	8.30	-	-	117	75
D1010840	8.40	-	-	117	75
D1010850	8.50	-	-	117	75
D1010860	8.60	-	-	125	81
D1010870	8.70	-	-	125	81
D1010880	8.80	-	-	125	81
D1010890	8.90	-	-	125	81
D1010900	9.00	-	-	125	81
D1010910	9.10	-	-	125	81
D1010920	9.20	-	-	125	81
D1010930	9.30	-	-	125	81
D1010940	9.40	-	-	125	81
D1010950	9.50	-	-	125	81
D1010960	9.60	-	-	133	87
D1010970	9.70	-	-	133	87
D1010980	9.80	-	-	133	87

Range:



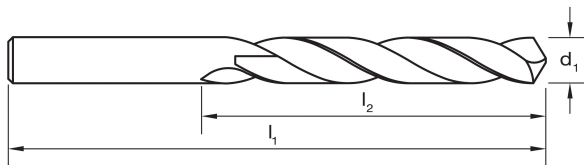
Item #	Diameter d1 (mm)	Diameter d1 (inch)	Diameter d1 (ga)	Length l1 (mm)	Length l2 (mm)
D1010990	9.90	-	-	133	87
D1011000	10.00	-	-	133	87
D1011010	10.10	-	-	133	87
D1011020	10.20	-	-	133	87
D1011030	10.30	-	-	133	87
D1011040	10.40	-	-	133	87
D1011050	10.50	-	-	133	87
D1011060	10.60	-	-	133	87
D1011070	10.70	-	-	142	94
D1011080	10.80	-	-	142	94
D1011090	10.90	-	-	142	94
D1011100	11.00	-	-	142	94
D1011110	11.10	-	-	142	94
D1011120	11.20	-	-	142	94
D1011130	11.30	-	-	142	94
D1011140	11.40	-	-	142	94
D1011150	11.50	-	-	142	94
D1011160	11.60	-	-	142	94
D1011170	11.70	-	-	142	94
D1011180	11.80	-	-	142	94
D1011190	11.90	-	-	151	101
D1011200	12.00	-	-	151	101
D1011210	12.10	-	-	151	101
D1011220	12.20	-	-	151	101
D1011230	12.30	-	-	151	101
D1011240	12.40	-	-	151	101
D1011250	12.50	-	-	151	101
D1011260	12.60	-	-	151	101
D1011270	12.70	-	-	151	101
D1011280	12.80	-	-	151	101
D1011290	12.90	-	-	151	101
D1011300	13.00	-	-	151	101
D1010039	0.39	1/64	-	19	5
D1010079	0.79	1/32	-	35	13
D1010119	1.19	3/64	-	44	19

Range:



Item #	Diameter d1 (mm)	Diameter d1 (inch)	Diameter d1 (ga)	Length l1 (mm)	Length l2 (mm)
D1010034	0.34	-	#80	19	3
D1010037	0.37	-	#79	19	3
D1010041	0.41	-	#78	22	5
D1010046	0.46	-	#77	22	5
D1010051	0.51	-	#76	22	5
D1010053	0.53	-	#75	25	6
D1010057	0.57	-	#74	25	6
D1010061	0.61	-	#73	29	8
D1010063	0.63	-	#72	29	8
D1010066	0.66	-	#71	32	10
D1010071	0.71	-	#70	32	10
D1010074	0.74	-	#69	35	13
D1010078	0.78	-	#68	35	13
D1010081	0.81	-	#67	35	13
D1010084	0.84	-	#66	35	13
D1010089	0.89	-	#65	38	16
D1010091	0.91	-	#64	38	16
D1010094	0.94	-	#63	38	16
D1010096	0.96	-	#62	38	16
D1010099	0.99	-	#61	41	17
D1010102	1.02	-	#60	41	17
D1010104	1.04	-	#59	41	17
D1010107	1.07	-	#58	41	17
D1010109	1.09	-	#57	44	19
D1010118	1.18	-	#56	44	19
D1010132	1.32	-	#55	48	22
D1010139	1.39	-	#54	48	22
D1010151	1.51	-	#53	48	22
D1010161	1.61	-	#52	48	22
D1010171	1.71	-	#51	51	25
D1010178	1.78	-	#50	51	25
D1010184	1.84	-	#49	51	25
D1010193	1.93	-	#48	51	25
D1010199	1.99	-	#47	51	25
D1010206	2.06	-	#46	54	29

Range:



Item #	Diameter d1 (mm)	Diameter d1 (inch)	Diameter d1 (ga)	Length l1 (mm)	Length l2 (mm)
D1010208	2.08	-	#45	54	29
D1010218	2.18	-	#44	54	29
D1010226	2.26	-	#43	57	32
D1010237	2.37	-	#42	57	32
D1010244	2.44	-	#41	60	35
D1010035	0.35	-	-	19	4
D1010038	0.38	-	-	19	4
D1010040	0.40	-	-	20	5
D1010042	0.42	-	-	20	5
D1010045	0.45	-	-	20	5
D1010048	0.48	-	-	20	5
D1010050	0.50	-	-	22	6
D1010055	0.55	-	-	24	7
D1010060	0.60	-	-	24	7
D1010065	0.65	-	-	26	8
D1010070	0.70	-	-	28	9
D1010075	0.75	-	-	28	9
D1010080	0.80	-	-	30	10
D1010085	0.85	-	-	30	10
D1010090	0.90	-	-	32	11
D1010095	0.95	-	-	32	11
D1010100	1.00	-	-	34	12
D1010105	1.05	-	-	34	12
D1010110	1.10	-	-	36	14
D1010115	1.15	-	-	36	14
D1010120	1.20	-	-	38	16
D1010125	1.25	-	-	38	16
D1010130	1.30	-	-	38	16
D1010135	1.35	-	-	38	16
D1010140	1.40	-	-	40	18
D1010145	1.45	-	-	40	18
D1010155	1.55	-	-	43	20
D1010160	1.60	-	-	43	20
D1010165	1.65	-	-	43	20
D1010170	1.70	-	-	43	20

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