



**Simplified Table**

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL		Page No.	CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch			mm	inch	mm	inch	mm	inch	
ADR-SP	0.015	0.0006	0.2	0.008	38	54		ADRL-DLC	0.11	0.0043	25	0.098	38	82	
ADR&ADR-SV	0.02	0.0008	0.2	0.008	38	44&62		ASWR			12	0.047		106	
ADR-SP	0.025	0.0010	0.3	0.012	38	54		ADR-SP	0.115	0.0045	1.4	0.055	38	54	
ADR&ADR-SV			0.3	0.012		44&62		ADRS&ADRS-SV			0.6	0.024		40&58	
ADRL&ADRL-SV	0.03	0.0012	0.5	0.020	38	48&66		ADR&ADR-SV			1.4	0.055		44&62	
ADRL&ADRL-SV			0.6	0.024		52&68		ADRS&ADRS-SV			2.2	0.087		48&66	
ADR-SP	0.035	0.0014	0.4	0.016	38	54		ADRL&ADRL-SV			3	0.118		52&68	
ADR&ADR-SV			0.4	0.016		44&62		ADR-SUS	0.12	0.0047	1.2	0.047	38	72	
ADRL&ADRL-SV	0.04	0.0016	0.6	0.024	38	48&66		ADRL-SUS			1.8	0.071		76	
ADRL&ADRL-SV			0.8	0.031		52&68		ADR-DLC			1.4	0.055		80	
ADR-SP	0.045	0.0018	0.5	0.020	38	54		ADRL-DLC			3	0.118		82	
ADR&ADR-SV			0.5	0.020		44&62		ASWR			1.4	0.055		106	
ADRL&ADRL-SV	0.05	0.0020	0.8	0.031	38	48&66		ADR-SP	0.125	0.0049	1.4	0.055	38	54	
ADRL&ADRL-SV			1.1	0.043		52&68		ADRS&ADRS-SV			0.6	0.024		40&58	
ADR-SP	0.055	0.0022	0.6	0.024	38	54		ADR&ADR-SV			1.4	0.055		44&62	
ADR&ADR-SV			0.6	0.024		44&62		ADRS&ADRS-SV			2.2	0.087		48&66	
ADRL&ADRL-SV	0.06	0.0024	0.8	0.031	38	48&66		ADRL&ADRL-SV			3	0.118		52&68	
ADRL&ADRL-SV			1.2	0.047		52&68		ADR-SUS	0.13	0.0051	1.3	0.051	38	72	
ADR-SP	0.065	0.0026	0.7	0.028	38	54		ADRL-SUS			2	0.079		76	
ADR&ADR-SV			0.7	0.028		44&62		ADR-DLC			1.4	0.055		80	
ADRL&ADRL-SV	0.07	0.0028	1.1	0.043	38	48&66		ADRL-DLC			3	0.118		82	
ADRL&ADRL-SV			1.4	0.055		52&68		ASWR			1.4	0.055		106	
ADR-SP	0.075	0.0030	0.8	0.031	38	54		ADR-SP	0.135	0.0053	1.4	0.055	38	54	
ADR&ADR-SV			0.8	0.031		44&62		ADRS&ADRS-SV			0.6	0.024		40&58	
ADRL&ADRL-SV	0.08	0.0031	1.2	0.047	38	48&66		ADR&ADR-SV			1.4	0.055		44&62	
ADRL&ADRL-SV			1.6	0.063		52&68		ADRS&ADRS-SV			2.2	0.087		48&66	
ADR-SP	0.085	0.0033	0.9	0.035	38	54		ADRL&ADRL-SV			3	0.118		52&68	
ADR&ADR-SV			0.9	0.035		44&62		ADR-SUS	0.14	0.0055	1.4	0.055	38	72	
ADRL&ADRL-SV	0.09	0.0035	1.2	0.047	38	48&66		ADRL-SUS			2	0.079		76	
ADRL&ADRL-SV			1.8	0.071		52&68		ADR-DLC			1.4	0.055		80	
ADR-SP	0.095	0.0037	1.2	0.047	38	54		ADRL-DLC			3	0.118		82	
ADRS&ADRS-SV			0.6	0.024		40&58		ASWR			1.4	0.055		106	
ADR&ADR-SV			1.2	0.047		44&62		ADR-SP	0.145	0.0057	1.8	0.071	38	54	
ADRL&ADRL-SV			1.9	0.075		48&66		ADRS&ADRS-SV			0.8	0.031		40&58	
ADRL&ADRL-SV			2.5	0.098		52&68		ADR&ADR-SV			1.8	0.071		44&62	
ADR-SUS	0.10	0.0039	1	0.039	38	72		ADRS&ADRS-SV			2.9	0.114		48&66	
ADR-SUS			1.5	0.059		76		ADRL&ADRL-SV			4	0.157		52&68	
ADR-DLC			1.2	0.047		80		ADR-SUS	0.15	0.0059	1.5	0.059	38	72	
ADRL-DLC			2.5	0.098		82		ADRL-SUS			2.3	0.091		76	
ASWR			1.2	0.047		106		ADR-DLC			1.8	0.071		80	
ADR-SP	0.105	0.0041	1.2	0.047	38	54		ADRL-DLC			4	0.157		82	
ADRS&ADRS-SV			0.6	0.024		40&58		ASWR			1.8	0.071		106	
ADR&ADR-SV			1.2	0.047		44&62		ADR-SP	0.155	0.0061	1.8	0.055	38	54	
ADRL&ADRL-SV			1.9	0.075		48&66		ADRS&ADRS-SV			0.8	0.031		40&58	
ADRL&ADRL-SV	0.11	0.0043	2.5	0.098	38	52&68		ADR&ADR-SV			1.8	0.071		44&62	
ADR-SUS			1.1	0.043		72		ADRS&ADRS-SV			2.9	0.114		48&66	
ADR-SUS			1.7	0.067		76		ADRL&ADRL-SV			4	0.157		52&68	
ADR-DLC			1.2	0.047		80		ADR-SUS			15	0.059		72	

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL mm	Page No.
	mm	inch	mm	inch		
ADRL-SUS	0.16	0.0063	23	0.091	38	76
ADR-DLC			18	0.071		80
ADRL-DLC			4	0.157		82
ASWR			18	0.071		106
ADR-SP			18	0.071		54
ADRS&ADRS-SV			08	0.031		40&58
ADR&ADR-SV			18	0.071		44&62
ADRS&ADRS-SV			32	0.126		48&66
ADRL&ADRL-SV			45	0.177		52&68
ADR-SUS			15	0.059		72
ADRL-SUS	0.17	0.0067	23	0.091	38	76
ADR-DLC			18	0.071		80
ADRL-DLC			45	0.177		82
ASWR			18	0.071		106
ADR-SP			21	0.083		54
ADRS&ADRS-SV			1	0.039		40&58
ADR&ADR-SV			21	0.083		44&62
ADRS&ADRS-SV			33	0.130		48&66
ADRL&ADRL-SV			45	0.177		52&68
ADR-SUS			18	0.071		72
ADRL-SUS	0.18	0.0071	27	0.106	38	76
ADR-DLC			21	0.083		80
ADRL-DLC			45	0.177		82
ASWR			21	0.083		106
ADR-SP			21	0.083		54
ADRS&ADRS-SV			1	0.039		40&58
ADR&ADR-SV			21	0.083		44&62
ADRS&ADRS-SV			33	0.130		48&66
ADRL&ADRL-SV			45	0.177		52&68
ADR-SUS			18	0.071		72
ADRL-SUS	0.19	0.0075	27	0.106	38	76
ADR-DLC			21	0.083		80
ADRL-DLC			45	0.177		82
ASWR			21	0.083		106
ADR-SP			24	0.094		54
ADRS&ADRS-SV			1	0.039		40&58
ADR&ADR-SV			24	0.094		44&62
ADRS&ADRS-SV			4	0.157		48&66
ADRL&ADRL-SV			6	0.236		52&68
ADR-SUS			2	0.079		72
ADRL-SUS	0.20	0.0079	3	0.118	38	76
ADR-DLC			24	0.094		80
ADRL-DLC			6	0.236		82
ASWR			24	0.094		106
ADR-SP			24	0.094		54
ADRS&ADRS-SV			1	0.039		40&58
ADR&ADR-SV			24	0.094		44&62
ADRS&ADRS-SV			4	0.157		48&66
ADRL&ADRL-SV			6	0.236		52&68
ADR-SUS			2	0.079		72
ADRL-SUS	0.21	0.0083	3	0.118	38	76
ADR-DLC			24	0.094		80
ADRL-DLC			6	0.236		82
ASWR			24	0.094		106
ADR-SP			24	0.094		54
ADRS&ADRS-SV			1	0.039		40&58
ADR&ADR-SV			24	0.094		44&62
ADRS&ADRS-SV			4	0.157		48&66

CODE NUMBER	ØD		FL		OAL mm	Page No.
	mm	inch	mm	inch		
ADRL&ADRL-SV	0.21	0.0083	6	0.236	38	52&68
ADR-SUS			2	0.079		72
ADRL-SUS			3	0.118		76
ADR-DLC			24	0.094		80
ADRL-DLC			6	0.236		82
ASWR			24	0.094		106
ADR-SP			26	0.102		54
ADRS&ADRS-SV			12	0.047		40&58
ADR&ADR-SV			26	0.102		44&62
ADRS&ADRS-SV			43	0.169		48&66
ADRL&ADRL-SV	0.22	0.0087	6	0.236	38	52&68
ADR-SUS			2	0.079		72
ADRL-SUS			3	0.118		76
ADR-DLC			26	0.102		80
ADRL-DLC			6	0.236		82
ASWR			26	0.102		106
ADR-SP			26	0.102		54
ADRS&ADRS-SV			12	0.047		40&58
ADR&ADR-SV			26	0.102		44&62
ADRS&ADRS-SV			43	0.169		48&66
ADRL&ADRL-SV	0.23	0.0091	6	0.236	38	52&68
ADR-SUS			23	0.091		72
ADRL-SUS			35	0.138		76
ADR-DLC			26	0.102		80
ADRL-DLC			6	0.236		82
ASWR			26	0.102		106
ADR-SP			26	0.102		54
ADRS&ADRS-SV			12	0.047		40&58
ADR&ADR-SV			26	0.102		44&62
ADRS&ADRS-SV			43	0.169		48&66
ADRL&ADRL-SV	0.24	0.0094	6	0.236	38	52&68
ADR-SUS			23	0.091		72
ADRL-SUS			35	0.138		76
ADR-DLC			26	0.102		80
ADRL-DLC			6	0.236		82
ASWR			26	0.102		106
ADR-SP			3	0.118		54
ADRS&ADRS-SV			15	0.059		40&58
ADR&ADR-SV			3	0.118		44&62
ADRS&ADRS-SV			5	0.197		48&66
ADRL&ADRL-SV	0.25	0.0098	7	0.276	38	52&68
ADR-SUS			25	0.098		72
ADRL-SUS			38	0.150		76
ADR-DLC			3	0.118		80
ADRL-DLC			7	0.276		82
ASWR			3	0.118		106
ADR-SP			3	0.118		54
ADRS&ADRS-SV			15	0.059		40&58
ADR&ADR-SV			3	0.118		44&62
ADRS&ADRS-SV			5	0.197		48&66
ADRL&ADRL-SV	0.26	0.0102	7	0.276	38	52&68
ADR-SUS			25	0.098		72
ADRL-SUS			38	0.150		76
ADR-DLC			3	0.118		80
ADRL-DLC			7	0.276		82
ASWR			3	0.118		106
ADR-SP			3	0.118		54
ADRS&ADRS-SV			15	0.059		40&58

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

Simplified Table

CODE NUMBER	ØD		FL		OAL		Page No.	CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	mm			mm	inch	mm	inch	mm	mm	
ADR&ADR-SV	0.26	0.0102	3	0.118	38	44&62	ADS&V-ADS★	0.30	0.0118	4	0.157	30	84&94		
ADRL&ADRL-SV			5	0.197		48&66	ADSL★			8	0.315	40	98		
ADR&ADR-SV			7	0.276		52&68	ADL★			10	0.394	60	100		
ADR-SUS			25	0.998		72	ADL★			15	0.591	75	102		
ADRL-SUS			38	0.150		76	ADR-SP	0.31	0.0120	5	0.197	38	54		
ADR-DLC			3	0.118		80	ADRS&ADRS-SV			25	0.998		40&58		
ADRL-DLC			7	0.276		82	ADR&ADR-SV			5	0.197	38	44&62		
ASWR			3	0.118		106	ADRSL&ADRSL-SV			7	0.276		48&66		
ADR-SP			0.265	0.0104	3	0.118	38			9	0.354	45	52&68		
ADRS&ADRS-SV	0.27	0.0106	15	0.059	38	40&58	ADRL&ADRL-SV	0.31	0.0122	3	0.118		72		
ADR&ADR-SV			3	0.118		44&62	ADR-SUS			45	0.177	38	76		
ADRSL&ADRSL-SV			5	0.197		48&66	ADRL-SUS			5	0.197		80		
ADRL&ADRL-SV			7	0.276		52&68	ADR-DLC			9	0.354	45	82		
ADR-SUS			25	0.998		72	ADS&V-ADS★	031-034	0.0122-0.0134	4	0.157	30	84&94		
ADRL-SUS			38	0.150		76	ADR-SP			0.315	0.0124	5	0.197	38	54
ADR-DLC			3	0.118		80	ADRS&ADRS-SV			25	0.998		40&58		
ADRL-DLC			7	0.276		82	ADR&ADR-SV			5	0.197	38	44&62		
ASWR			3	0.118		106	ADRSL&ADRSL-SV			7	0.276		48&66		
ADR-SP	0.275	0.0108	33	0.130	38	54	ADRL&ADRL-SV	0.32	0.0126	9	0.354	45	52&68		
ADRS&ADRS-SV			15	0.059		40&58	ADR-SUS			3	0.118		72		
ADR&ADR-SV			33	0.130		44&62	ADRL-SUS			45	0.177	38	76		
ADRSL&ADRSL-SV			52	0.205		48&66	ADR-DLC			5	0.197		80		
ADRL&ADRL-SV			7	0.276		52&68	ADRL-DLC			9	0.354	45	82		
ADR-SUS			28	0.110		72	ADR-SP	0.325	0.0128	5	0.197	38	54		
ADRL-SUS			42	0.165		76	ADRS&ADRS-SV			25	0.998		40&58		
ADR-DLC			33	0.130		80	ADR&ADR-SV			5	0.197	38	44&62		
ADRL-DLC			7	0.276		82	ADRSL&ADRSL-SV			7	0.276		48&66		
ASWR			33	0.130		106	ADRL&ADRL-SV			9	0.354	45	52&68		
ADR-SP	0.285	0.0112	33	0.130	38	54	ADR-SUS	0.33	0.0130	33	0.130		72		
ADRS&ADRS-SV			15	0.059		40&58	ADRL-SUS			5	0.197	38	76		
ADR&ADR-SV			33	0.130		44&62	ADR-DLC			9	0.354	45	80		
ADRSL&ADRSL-SV			52	0.205		48&66	ADRL-DLC			9	0.354	45	82		
ADRL&ADRL-SV			7	0.276		52&68	ADR-SP	0.335	0.0132	5	0.197	38	54		
ADR-SUS			28	0.110		72	ADRS&ADRS-SV			25	0.998		40&58		
ADRL-SUS			42	0.165		76	ADR&ADR-SV			5	0.197	38	44&62		
ADR-DLC			33	0.130		80	ADRSL&ADRSL-SV			7	0.276		48&66		
ADRL-DLC			7	0.276		82	ADRL&ADRL-SV			9	0.354	45	52&68		
ASWR			33	0.130		106	ADR-SUS	0.34	0.0134	33	0.130		72		
ADR-SP	0.295	0.0116	5	0.197	38	54	ADRL-SUS			5	0.197	38	76		
ADRS&ADRS-SV			25	0.098		40&58	ADR-DLC			9	0.354	45	80		
ADR&ADR-SV			5	0.197		44&62	ADRL-DLC			9	0.354	45	82		
ADRSL&ADRSL-SV			7	0.276		48&66	ADR-SP	0.345	0.0136	5	0.197	38	54		
ADRL&ADRL-SV			9	0.354		52&68	ADRS&ADRS-SV			25	0.998		40&58		
ADR-SUS			3	0.118		72	ADR&ADR-SV			5	0.197	38	44&62		
ADRL-SUS			45	0.177	38	76	ADRSL&ADRSL-SV			7	0.276		48&66		
ADR-DLC			5	0.197		80	ADRL&ADRL-SV			9	0.354	45	52&68		
ADRL-DLC			9	0.354		82	ADR-SUS	0.35	0.0138	35	0.138	38	72	76	76
ASWR			5	0.197		106	ADRL-SUS			53	0.209		53		

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR-DLC	035	0.0138	5	0.197	38	80
ADRL-DLC			10	0.394	45	82
ASWR			5	0.197	38	106
ADS&V-ADS★			4	0.157	30	84&94
ADSL★			8	0.315	40	98
ADL★			10	0.394	60	100
ADLL★			15	0.591	75	102
ADR-SP	0355	0.0140	5	0.197	38	54
ADRS&ADRS-SV	036	0.0142	25	0.098	40&58	
ADR&ADR-SV			5	0.197	38 44&62	
ADRLS&ADRLS-SV			7	0.276	48&66	
ADRL&ADRL-SV			10	0.394	45	52&68
ADR-SUS			35	0.138	72	
ADRL-SUS			53	0.209	38	76
ADR-DLC			5	0.197	80	
ADRL-DLC			10	0.394	45	82
ADS&V-ADS★	036-039	00142-00154	4	0.157	30	84&94
ADR-SP	0365	0.0144	5	0.197	38	54
ADRS&ADRS-SV	037	0.0146	25	0.098	40&58	
ADR&ADR-SV			5	0.197	38	44&62
ADRLS&ADRLS-SV			7	0.276	48&66	
ADRL&ADRL-SV			10	0.394	45	52&68
ADR-SUS			35	0.138	72	
ADRL-SUS			53	0.209	38	76
ADR-DLC			5	0.197	80	
ADRL-DLC			10	0.394	45	82
ADR-SP	0375	0.0148	5	0.197	38	54
ADRS&ADRS-SV	038	0.0150	25	0.098	40&58	
ADR&ADR-SV			5	0.197	38	44&62
ADRLS&ADRLS-SV			7	0.276	48&66	
ADRL&ADRL-SV			10	0.394	45	52&68
ADR-SUS			38	0.150	72	
ADRL-SUS			57	0.224	38	76
ADR-DLC			5	0.197	80	
ADRL-DLC			10	0.394	45	82
ADR-SP	0385	0.0152	5	0.197	38	54
ADRS&ADRS-SV	039	0.0154	25	0.098	40&58	
ADR&ADR-SV			5	0.197	38	44&62
ADRLS&ADRLS-SV			7	0.276	38	48&66
ADRL&ADRL-SV			10	0.394	45	52&68
ADR-SUS			38	0.150	72	
ADRL-SUS			57	0.224	38	76
ADR-DLC			5	0.197	80	
ADRL-DLC			10	0.394	45	82
ADR-SP	0395	0.0156	6	0.236	38	54
ADRS&ADRS-SV	040	0.0157	3	0.118	40&58	
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354	48&66	
ADRL-DLC			12	0.472	45	52&68

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRL&ADRL-SV	040	0.0157	12	0.472	45	52&68
ADR-SUS			4	0.157	72	
ADRL-SUS			6	0.236	38	76
ADR-DLC			12	0.472	45	80
ADRL-DLC			6	0.236	38	82
ASWR			5	0.197	30	106
ADS&V-ADS★			8	0.315	40	98
ADSL★			10	0.394	60	100
ADL★			15	0.591	75	102
ADLL★			12	0.472	45	82
ADR-SP	0405	0.0159	6	0.236	38	54
ADRS&ADRS-SV	041	0.0161	3	0.118	40&58	
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354	48&66	
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			4	0.157	72	
ADRL-SUS			6	0.236	38	76
ADR-DLC			12	0.472	45	80
ADRL-DLC			12	0.472	45	82
ADS&V-ADS★	041-044	00161-00173	5	0.197	30	72&79
ADR-SP	0415	0.0163	6	0.236	38	54
ADRS&ADRS-SV	042	0.0165	3	0.118	40&58	
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354	48&66	
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			4	0.157	72	
ADRL-SUS			6	0.236	38	76
ADR-DLC			12	0.472	45	82
ADRL-DLC			12	0.472	45	82
ADR-SP	0425	0.0167	6	0.236	38	54
ADRS&ADRS-SV	043	0.0169	3	0.118	40&58	
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354	48&66	
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			4	0.157	72	
ADRL-SUS			6	0.236	38	76
ADR-DLC			12	0.472	45	82
ADRL-DLC			12	0.472	45	82
ADR-SP	0435	0.0171	6	0.236	38	54
ADRS&ADRS-SV	044	0.0173	3	0.118	40&58	
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354	48&66	
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			4	0.157	72	
ADRL-SUS			6	0.236	38	76
ADR-DLC			12	0.472	45	80
ADRL-DLC			12	0.472	45	82
ADR-SP	0445	0.0175	6	0.236	38	54

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

Simplified Table

CODE NUMBER	ØD		FL		OAL		Page No.	CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	mm			mm	inch	mm	inch	mm	mm	
ADRS&ADRS-SV	0.45	0.0177	3	0.118	38	40&58		ADR-DLC	0.50	0.0197	6	0.236	38	80	
ADR&ADR-SV			6	0.236		44&62		ADR-DLC			12	0.472	45	82	
ADRL&ADRL-SV			9	0.354		48&66		ADR-SP			6	0.236	38	54	
ADRL&ADRL-SV			12	0.472	45	52&68		ADRS&ADRS-SV			3	0.118		40&58	
ADR-SUS			45	0.177		72		ADR&ADR-SV			6	0.236	38	44&62	
ADRL-SUS			7	0.276	38	76		ADRL&ADRL-SV			9	0.354		48&66	
ADR-DLC			6	0.236		80		ADRL&ADRL-SV			12	0.472	45	52&68	
ADRL-DLC			12	0.472	45	82		ADR-SUS			5	0.197		72	
ASWR			6	0.236	38	106		ADRL-SUS			75	0.295	38	76	
ADS&V-ADS★			5	0.197	30	84&94		ADR-DLC			6	0.236		80	
ADSL★	0.46	0.0181	8	0.315	40	98		ADRL-DLC			12	0.472	45	82	
ADL★			10	0.394	60	100		ASWR			6	0.236		106	
ADLL★			15	0.591	75	102		ADS&V-ADS★			6	0.236	30	84&94	
ADR-SP			0.455	0.0179	6	0.236	38	ADSL★			8	0.315	40	98	
ADRS&ADRS-SV			3	0.118	38	40&58		ADL★			10	0.394	60	100	
ADR&ADR-SV			6	0.236		44&62		ADLL★			15	0.591	75	102	
ADRL&ADRL-SV			9	0.354		48&66		ADR-SP	0.51	0.0201	6	0.236	38	54	
ADRL&ADRL-SV			12	0.472	45	52&68		ADRS&ADRS-SV			3	0.118		40&58	
ADR-SUS			45	0.177		72		ADR&ADR-SV			6	0.236	38	44&62	
ADRL-SUS			7	0.276	38	76		ADRL&ADRL-SV			9	0.354		48&66	
ADR-DLC			6	0.236		80		ADRL&ADRL-SV			12	0.472	45	52&68	
ADRL-DLC			12	0.472	45	82		ADR-SUS			5	0.197		72	
ADS&V-ADS★	046-048	0.0181-0.0193	5	0.197	30	84&94		ADRL-SUS			75	0.295	38	76	
ADR-SP	0465	0.0183	6	0.236	38	54		ADR-DLC			6	0.236		80	
ADRS&ADRS-SV	0.47	0.0185	3	0.118		40&58		ADRL-DLC			12	0.472	45	82	
ADR&ADR-SV			6	0.236	38	44&62		ADS&V-ADS★	051-054	0.0201-0.0213	6	0.236	30	84&94	
ADRL&ADRL-SV			9	0.354		48&66		ADR-SP	0515	0.0203	6	0.236	38	54	
ADRL&ADRL-SV			12	0.472	45	52&68		ADRS&ADRS-SV	0.52	0.0205	3	0.118		40&58	
ADR-SUS			45	0.177		72		ADR&ADR-SV			6	0.236	38	44&62	
ADRL-SUS			7	0.276	38	76		ADRL&ADRL-SV			9	0.354		48&66	
ADR-DLC			6	0.236		80		ADR-SUS			12	0.472	45	52&68	
ADRL-DLC			12	0.472	45	82		ADRL-SUS			5	0.197		72	
ADR-SP	0475	0.0187	6	0.236	38	54		ADR-DLC			75	0.295	38	76	
ADRS&ADRS-SV	3	0.118	38	40&58		ADRL-DLC	6	0.236				80			
ADR&ADR-SV	6	0.236		44&62		ADR-SP	0525	0.0207	12	0.472	45	82			
ADRL&ADRL-SV	9	0.354		48&66		ADRS&ADRS-SV	0.53	0.0209	6	0.236	38	54			
ADRL&ADRL-SV	0.48	0.0189	12	0.472	45	52&68				ADR&ADR-SV	3	0.118		40&58	
ADR-SUS			45	0.177		72				ADRL&ADRL-SV	6	0.236	38	44&62	
ADRL-SUS			7	0.276	38	76				ADR-SUS	9	0.354		48&66	
ADR-DLC			6	0.236		80				ADRL-SUS	12	0.472	45	52&68	
ADRL-DLC			12	0.472	45	82				ADR-DLC	5	0.197		72	
ADR-SP	0485	0.0191	6	0.236	38	54				ADRL-DLC	75	0.295	38	76	
ADRS&ADRS-SV	3	0.118	38	40&58		ADR-SP	0525	0.0207	6	0.236		80			
ADR&ADR-SV	6	0.236		44&62		ADRS&ADRS-SV	12	0.472	45	82					
ADRL&ADRL-SV	9	0.354		48&66		ADR&ADR-SV	053	0.0211	6	0.236	38	54			
ADRL&ADRL-SV	049	0.0193	12	0.472	45	52&68		ADRL&ADRL-SV	054	0.0213	3	0.118		40&58	
ADR-SUS			45	0.177		72		ADR-SUS			6	0.236		44&62	
ADRL-SUS			7	0.276	38	76		ADRL-SUS			9	0.354		48&66	
ADRL-DLC			7	0.276		76		ADR-DLC			6	0.236		80	

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRL&ADRL-SV	054	0.0213	12	0.472	45	52&68
ADR-SUS			5	0.197		72
ADRL-SUS			75	0.295	38	76
ADR-DLC			6	0.236		80
ADRL-DLC			12	0.472	45	82
ADR-SP			6	0.236	38	54
ADRS&ADRS-SV			3	0.118		40&58
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354		48&66
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS	055	0.0217	55	0.217		72
ADRL-SUS			85	0.335	38	76
ADR-DLC			6	0.236		80
ADRL-DLC			12	0.472	45	82
ASWR			6	0.236	38	106
ADS&V-ADS★					30	84&94
ADSL★			8	0.315	40	98
ADL★			15	0.591	65	100
ADLL★			20	0.787	90	102
ADR-SP			6	0.236	38	54
ADRS&ADRS-SV	056	0.0220	3	0.118		40&58
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354		48&66
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			55	0.217		72
ADRL-SUS			85	0.335	38	76
ADR-DLC			6	0.236		80
ADRL-DLC			12	0.472	45	82
ADS&V-ADS★			6	0.236	30	84&94
ADR-SP			6	0.236	38	54
ADRS&ADRS-SV	057	0.0224	3	0.118		40&58
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354		48&66
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			55	0.217		72
ADRL-SUS			85	0.335	38	76
ADR-DLC			6	0.236		80
ADRL-DLC			12	0.472	45	82
ADR-SP			6	0.236	38	54
ADRS&ADRS-SV	058	0.0228	3	0.118		40&58
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354		48&66
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			55	0.217		72
ADRL-SUS			85	0.335	38	76
ADR-DLC			6	0.236		80
ADRL-DLC			12	0.472	45	82
ADR-SP			6	0.236	38	54
ADRS&ADRS-SV						

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRS&ADRS-SV	059	0.0232	3	0.118		40&58
ADR&ADR-SV			6	0.236	38	44&62
ADRLS&ADRLS-SV			9	0.354		48&66
ADRL&ADRL-SV			12	0.472	45	52&68
ADR-SUS			55	0.217		72
ADRL-SUS			85	0.335	38	76
ADR-DLC			6	0.236		80
ADRL-DLC			12	0.472	45	82
ADR-SP			7	0.276	38	54
ADRS&ADRS-SV						
ADR&ADR-SV	060	0.0236	3	0.118		40&58
ADRLS&ADRLS-SV			7	0.276	38	44&62
ADRL&ADRL-SV			11	0.433		48&66
ADR-SUS			15	0.591	45	52&68
ADRL-SUS			6	0.236		72
ADR-DLC			9	0.354	38	76
ADRL-DLC			7	0.276		80
ADR-SP			15	0.591	45	82
ASWR			7	0.276	38	106
ADS&V-ADS★			6	0.236	30	84&94
ADSL★	061	0.0240	8	0.315	40	98
ADL★			15	0.591	65	100
ADLL★			20	0.787	90	102
ADR-SP			7	0.276	38	54
ADRS&ADRS-SV						
ADR&ADR-SV	062	0.0244	3	0.118		40&58
ADRLS&ADRLS-SV			7	0.276	38	44&62
ADRL&ADRL-SV			11	0.433		48&66
ADR-SUS			15	0.591	45	52&68
ADRL-SUS			6	0.236		72
ADR-DLC			9	0.354	38	76
ADRL-DLC			7	0.276		80
ADR-SP			15	0.591	45	82
ADS&V-ADS★			6	0.236	30	84&94
ADR-SP			061-064	0.0240-0.0252	7	0.276
ADRS&ADRS-SV	063	0.0248	6	0.236	38	44&62
ADR&ADR-SV			11	0.433		48&66
ADRLS&ADRLS-SV			15	0.591	45	52&68
ADRL&ADRL-SV			6	0.236		72
ADR-SUS			9	0.354	38	76
ADRL-SUS			7	0.276		80
ADRL-DLC			15	0.591	45	82
ADR-SP			7	0.276	38	54
ADRS&ADRS-SV						
ADR&ADR-SV						

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL		Page No.	CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	mm			mm	inch	mm	inch	mm	mm	
ADR-DLC	0.64	0.0248	7	0.276	38	80		ADR&ADR-SV	0.68	15	0.591	45	52&68		
ADR-DLC		0.0250	15	0.591	45	82		ADR-SUS		65	0.256		72		
ADR-SP		0.0250	7	0.276	38	54		ADR-SUS		10	0.394	38	76		
ADRS&ADRS-SV			3	0.118		40&58		ADR-DLC		7	0.276		80		
ADR&ADR-SV			7	0.276	38	44&62		ADR-DLC		15	0.591	45	82		
ADRL&ADRL-SV			11	0.433		48&66		ADR-SP	0.69	7	0.276	38	54		
ADRL&ADRL-SV			15	0.591	45	52&68		ADRS&ADRS-SV		3	0.118		40&58		
ADR-SUS		0.0252	6	0.236		72		ADR&ADR-SV		7	0.276	38	44&62		
ADR-SUS		0.0252	9	0.354	38	76		ADRL&ADRL-SV		11	0.433		48&66		
ADR-DLC		0.0252	7	0.276		80		ADR-SUS		15	0.591	45	52&68		
ADR-DLC		0.0254	15	0.591	45	82		ADR-SUS		65	0.256		72		
ADR-SP	0.65	0.0254	7	0.276	38	54		ADR-DLC		10	0.394	38	76		
ADRS&ADRS-SV			3	0.118		40&58		ADR-DLC		7	0.276		80		
ADR&ADR-SV			7	0.276	38	44&62		ADR-SUS		15	0.591	45	82		
ADRLSL&ADRLSL-SV			11	0.433		48&66		ADR-SP	0.695	8	0.315	38	54		
ADRL&ADRL-SV			15	0.591	45	52&68		ADRS&ADRS-SV		4	0.157		40&58		
ADR-SUS			65	0.256		72		ADR&ADR-SV		8	0.315	38	44&62		
ADR-SUS			10	0.394	38	76		ADRL&ADRL-SV		11	0.433		48&66		
ADR-DLC			7	0.276		80		ADR-SUS		15	0.591	45	52&68		
ADR-DLC			15	0.591	45	82		ADR-SUS		7	0.276		72		
ASWR			7	0.276	38	106		ADR-DLC		105	0.413	38	76		
ADS&V-ADS★			6	0.236	30	84&94		ADR-DLC		8	0.315		80		
ADSL★			8	0.315	40	98		ASWR		15	0.591	45	82		
ADL★			15	0.591	65	100		ADS&V-ADS★		8	0.315	38	106		
ADLL★			20	0.787	90	102		ADSL&V-ADS★		12	0.472	40	84&94		
ADR-SP	0.655	0.0258	7	0.276	38	54		ADSL★		15	0.591		50	98	
ADRS&ADRS-SV			3	0.118		40&58		ADL★			15	0.591		65	100
ADR&ADR-SV			7	0.276	38	44&62		ADLL★			20	0.787	90	102	
ADRLSL&ADRLSL-SV			11	0.433		48&66		ADR-SP	0.705	8	0.315	38	54		
ADRL&ADRL-SV			15	0.591	45	52&68		ADRS&ADRS-SV		4	0.157		40&58		
ADR-SUS			65	0.256		72		ADR&ADR-SV		8	0.315	38	44&62		
ADR-SUS			10	0.394	38	76		ADRL&ADRL-SV		11	0.433		48&66		
ADR-DLC			7	0.276		80		ADR-SUS		15	0.591	45	52&68		
ADR-DLC			15	0.591	45	82		ADR-SUS		7	0.276		72		
ADS&V-ADS★		0.0260	6	0.236	30	84&94		ADR-DLC		105	0.413	38	76		
ADR-SP		0.0262	7	0.276	38	54		ASWR		8	0.315		80		
ADRS&ADRS-SV	0.66		3	0.118		40&58		ADS&V-ADS★		12	0.472	40	84&94		
ADR&ADR-SV			7	0.276	38	44&62		ADR-SP		15	0.591		50	98	
ADRLSL&ADRLSL-SV			11	0.433		48&66		ADSL★			15	0.591		65	100
ADRL&ADRL-SV			15	0.591	45	52&68		ADL★			20	0.787	90	102	
ADR-SUS			65	0.256		72		ADLL★			ADR-SP	0.705	8	0.315	38
ADR-SUS			10	0.394	38	76		ADRS&ADRS-SV		4	0.157		40&58		
ADR-DLC			7	0.276		80		ADR&ADR-SV		8	0.315	38	44&62		
ADR-DLC			15	0.591	45	82		ADRL&ADRL-SV		11	0.433		48&66		
ADS&V-ADS★		0.0264	6	0.236	30	84&94		ADR-SUS		15	0.591	45	52&68		
ADR-SP		0.0262	7	0.276	38	54		ADR-SUS		7	0.276		72		
ADRS&ADRS-SV	0.67		3	0.118		40&58		ADR-DLC		105	0.413	38	76		
ADR&ADR-SV			7	0.276	38	44&62		ADR-DLC		8	0.315		80		
ADRLSL&ADRLSL-SV			11	0.433		48&66		ADRL-DLC		15	0.591	45	82		
ADRL&ADRL-SV			15	0.591	45	52&68		ADS&V-ADS★	0.71	12	0.472	40	84&94		
ADR-SUS			65	0.256		72		ADR-SP		15	0.591		50	98	
ADR-SUS			10	0.394	38	76		ADRS&ADRS-SV		4	0.157		40&58		
ADR-DLC			7	0.276		80		ADR&ADR-SV		8	0.315	38	44&62		
ADR-DLC			15	0.591	45	82		ADRL&ADRL-SV		11	0.433		48&66		
ADR-SP		0.0266	7	0.276	38	54		ADR-SUS		15	0.591	45	52&68		
ADRS&ADRS-SV	0.68		3	0.118		40&58		ADR-SUS		7	0.276		72		
ADR&ADR-SV			7	0.276	38	44&62		ADR-DLC		105	0.413	38	76		
ADRLSL&ADRLSL-SV			11	0.433		48&66		ADR-DLC		8	0.315		80		
ADRL&ADRL-SV								ADR-SP		15	0.591	45	82		

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL mm	Page No.
	mm	inch	mm	inch		
ADRS&ADRS-SV	0.73	0.0287	4	0.157	38	40&58
ADR&ADR-SV			8	0.315		44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			7	0.276	72	
ADRL-SUS			105	0.413	38	76
ADR-DLC			8	0.315		80
ADRL-DLC			15	0.591	45	82
ADR-SP			8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV	0.74	0.0291	8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			7	0.276	72	
ADRL-SUS			105	0.413	38	76
ADR-DLC			8	0.315		80
ADRL-DLC			15	0.591	45	82
ADR-SP			8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV	0.75	0.0295	11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			75	0.295	72	
ADRL-SUS			115	0.453	38	76
ADR-DLC			8	0.315		80
ADRL-DLC			15	0.591	45	82
ASWR			8	0.315	38	106
ADS&V-ADS★			12	0.472	40	84&94
ADSL★			15	0.591	50	98
ADL★					65	100
ADLL★			20	0.787	90	102
ADR-SP	0.755	0.0297	8	0.315	38	54
ADRS&ADRS-SV			4	0.157	38	40&58
ADR&ADR-SV			8	0.315		44&62
ADRSL&ADRSL-SV			11	0.433	38	38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			75	0.295	72	
ADRL-SUS			115	0.453	38	76
ADR-DLC			8	0.315		80
ADRL-DLC			15	0.591	45	82
ADS&V-ADS★			12	0.472	40	84&94
ADR-SP	0.765	0.0301	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			75	0.295	72	
ADRL-SUS			115	0.453	38	76
ADR-DLC			8	0.315		80
ADRL-DLC			15	0.591	45	82
ADS&V-ADS★			12	0.472	40	84&94
ADR-SP	0.77	0.0303	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			75	0.295	72	
ADRL-SUS			115	0.453	38	76

CODE NUMBER	ØD		FL		OAL mm	Page No.
	mm	inch	mm	inch		
ADR-DLC	0.775	0.0305	8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADR-SP			8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			75	0.295	72	
ADRL-SUS			115	0.453	38	76
ADR-DLC			8	0.315		80
ADRL-DLC	0.785	0.0309	15	0.591	45	82
ADR-SP			8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			75	0.295	72	
ADRL-SUS			115	0.453	38	76
ADR-DLC			8	0.315		80
ADRL-DLC			15	0.591	45	82
ADR-SP	0.795	0.0313	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			8	0.315	38	72
ADRL-SUS			125	0.492	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ASWR			8	0.315	38	106
ADS&V-ADS★	0.80	0.0315	12	0.472	40	84&94
ADSL★			15	0.591	50	98
ADL★			20	0.787	75	100
ADLL★			25	0.984	100	102
ADR-SP			8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			8	0.315	38	72
ADRL-SUS	0.81	0.0319	125	0.492	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADS&V-ADS★			12	0.472	40	84&94
ADR-SP			8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS			8	0.315	38	72
ADRL-SUS	0.815	0.0321	125	0.492	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADS&V-ADS★			12	0.472	40	84&94
ADR-SP			8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRSL&ADRSL-SV			11	0.433		38&52

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch	
ADRL&ADRL-SV	0.82	0.0323	15	0.591	45	52&68	
ADR-SUS			8	0.315	38	72	
ADRL-SUS			125	0.492	45	76	
ADR-DLC			8	0.315	38	80	
ADRL-DLC			15	0.591	45	82	
ADR-SP			8	0.315	38	54	
ADRS&ADRS-SV	0.83	0.0327	4	0.157	40&58		
ADR&ADR-SV			8	0.315		44&62	
ADRL&ADRL-SV			11	0.433		38&52	
ADRL&ADRL-SV			15	0.591		52&68	
ADR-SUS			8	0.315	38	72	
ADRL-SUS			125	0.492	45	76	
ADR-DLC	0.835	0.0329	8	0.315	38	80	
ADRL-DLC			15	0.591	45	82	
ADR-SP			8	0.315	38	54	
ADRS&ADRS-SV			4	0.157	40&58		
ADR&ADR-SV			8	0.315		44&62	
ADRL&ADRL-SV			11	0.433		38&52	
ADRL&ADRL-SV	0.84	0.0331	15	0.591	45	52&68	
ADR-SUS			8	0.315	38	72	
ADRL-SUS			125	0.492	45	76	
ADR-DLC			8	0.315	38	80	
ADRL-DLC			15	0.591	45	82	
ADR-SP			8	0.315	38	54	
ADRS&ADRS-SV	0.85	0.0333	4	0.157	40&58		
ADR&ADR-SV			8	0.315		44&62	
ADRL&ADRL-SV			11	0.433		38&52	
ADRL&ADRL-SV			15	0.591		52&68	
ADR-SUS			8	0.315	38	72	
ADRL-SUS			125	0.492	45	76	
ADR-DLC	0.85	0.0335	8	0.315	38	80	
ADRL-DLC			15	0.591	45	82	
ASWR			8	0.315	38	106	
ADS&V-ADS★			12	0.472	40	84&94	
ADSL★			15	0.591	50	98	
ADL★			20	0.787	75	100	
ADLL★	0.855	0.0337	25	0.984	100	102	
ADR-SP			8	0.315	38	54	
ADRS&ADRS-SV			4	0.157	40&58		
ADR&ADR-SV			8	0.315		44&62	
ADRL&ADRL-SV			11	0.433		38&52	
ADRL&ADRL-SV	0.86	0.0339	15	0.591	45	52&68	
ADR-SUS			8	0.315	38	72	
ADRL-SUS			125	0.492	45	76	
ADR-DLC			8	0.315	38	80	
ADRL-DLC			15	0.591	45	82	
ADS&V-ADS★			12	0.472	40	84&94	
ADR-SP	0.86-0.89	0.0339-0.0350	8	0.315	38	54	
ADRS&ADRS-SV			4	0.157	40&58		
ADR&ADR-SV			8	0.315		44&62	
ADRL&ADRL-SV			11	0.433		38&52	
ADR-SUS			15	0.591		52&68	
ADRL-SUS			9	0.354	38	72	
ADR-DLC	0.865	0.0341	14	0.551	45	76	
ASWR			8	0.315	38	106	
ADS&V-ADS★			12	0.472	40	84&94	
ADSL★			15	0.591	50	98	
ADL★			20	0.787	75	100	
ADLL★			25	0.984	100	102	
ADR-SP	0.865	0.0341	8	0.315	38	54	
ADRS&ADRS-SV			4	0.157	40&58		
ADR&ADR-SV			8	0.315		44&62	
ADRL&ADRL-SV			11	0.433		38&52	
ADR-SUS			15	0.591		52&68	
ADRL-SUS			9	0.354	38	72	
ADR-DLC			14	0.551	45	76	
ADR-SP			8	0.315	38	54	
ADRS&ADRS-SV	0.91	0.0358	4	0.157	40&58		
ADR&ADR-SV			8	0.315		44&62	
ADRL&ADRL-SV			11	0.433		38&52	
ADR-SUS			15	0.591		52&68	
ADRL-SUS			9	0.354	38	72	
ADR-DLC			14	0.551	45	76	
ADR-SP			8	0.315	38	54	

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRL-DLC	0.91	0.0358	15	0.591	45	82
ADS&V-ADS★	091-094	0.0358-0.037	12	0.472	40	84&94
ADR-SP	0.915	0.0360	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS	0.92	0.0362	9	0.354	38	72
ADRL-SUS			14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADR-SP	0925	0.0364	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS	0.93	0.0366	9	0.354	38	72
ADRL-SUS			14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADR-SP	0935	0.0368	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS	0.94	0.0370	9	0.354	38	72
ADRL-SUS			14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADR-SP	0945	0.0372	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS	0.95	0.0374	9	0.354	38	72
ADRL-SUS			14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ASWR			8	0.315	38	106
ADS&V-ADS★			12	0.472	40	84&94
ADSL★			15	0.591	50	98
ADL★			20	0.787	75	100
ADLL★			25	0.984	100	102
ADR-SP	0955	0.0376	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV	0.96	0.0378	8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR-SUS			9	0.354	38	72
ADRL-SUS	0.96	0.0378	14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADS&V-ADS★	096-099	0.0378-0.0390	12	0.472	40	84&94
ADR-SP	0.965	0.0380	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS	0.97	0.0382	9	0.354	38	72
ADRL-SUS			14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADR-SP	0975	0.0384	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS	0.98	0.0386	9	0.354	38	72
ADRL-SUS			14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADR-SP	0985	0.0388	8	0.315	38	54
ADRS&ADRS-SV			4	0.157		40&58
ADR&ADR-SV			8	0.315	38	44&62
ADRS&ADRSLSV			11	0.433		38&52
ADRL&ADRL-SV			15	0.591	45	52&68
ADR-SUS	0.99	0.0390	9	0.354	38	72
ADRL-SUS			14	0.551	45	76
ADR-DLC			8	0.315	38	80
ADRL-DLC			15	0.591	45	82
ADR-SP	0995	0.0392	10	0.394	38	54
ADRS&ADRS-SV			5	0.197		40&58
ADR&ADR-SV			10	0.394		44&62
ADRS&ADRSLSV			15	0.591	45	38&52
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS	1.00	0.0394	10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-DLC			10	0.394	38	80
ADRL-DLC			20	0.787	50	82
ASWR			10	0.394	38	106
ADS&V-ADS★			15	0.591	40	84&94
ADSL★			16	0.630	50	98
ADL★			25	0.984	75	100
ADLL★			30	1.181	100	102
ASWD★			16	0.630	50	107
ADR-SP	1.005	0.0396	10	0.394	38	54

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch	
ADRS&ADRS-SV	1.01	0.0398	5	0.197	38	40&58	
ADR&ADR-SV			10	0.394		44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADS&V-ADS★	1.01-104	0.0398-0.0409	15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS	1.02	0.0402	10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV	1.03	0.0406	20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV	1.04	0.0409	10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV	1.05	0.0413	5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			15	0.591	45	38&52	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ASWR			10	0.394	38	106	
ADS&V-ADS★			15	0.591	40	84&94	
ADSL★			16	0.630	50	98	
ADL★			25	0.984	75	100	
ADLL★			30	1.181	100	102	
ADR-SP	1.055	0.0415	10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			15	0.591	45	38&52	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ASWR			10	0.394	38	106	
ADS&V-ADS★			15	0.591	40	84&94	
ADSL★			16	0.630	50	98	
ADL★	1.06	0.0417	25	0.984	75	100	
ADLL★			30	1.181	100	102	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV	1.065	0.0419	5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV	1.07	0.0421	5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV	1.075	0.0423	5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV	1.11	0.0431	5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADSL★			16	0.630	50	98	
ADL★	1.10	0.0433	25	0.984	75	100	
ADLL★			30	1.181	100	102	
ASWD★			16	0.630	50	107	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS	1.11	0.0437	10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS	1.12	0.0441	10	0.394	38	72	
ADRL-SUS			15	0.591	45	76	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS	1.13	0.0445	15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	
ADRL-SUS	1.14	0.0449	15	0.591	45	76	
ADS&V-ADS★			15	0.591	40	84&94	
ADR-SP			10	0.394	38	54	
ADRS&ADRS-SV			5	0.197		40&58	
ADR&ADR-SV			10	0.394	38	44&62	
ADRL&ADRL-SV			20	0.787	50	52&68	
ADR-SUS			10	0.394	38	72	

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRL&ADRL-SV	1.14	0.0449	20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRLS&ADRLS-SV			15	0.591	45	38&52
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ASWR	1.15	0.0453	10	0.394	38	106
ADS&V-ADS★			15	0.591	40	84&94
ADSL★			16	0.630	50	98
ADL★			25	0.984	75	100
ADLL★			30	1.181	100	102
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADS&V-ADS★	1.16	0.0457	15	0.591	40	84&94
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADS&V-ADS★			15	0.591	40	84&94
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV	1.17	0.0461	10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP	1.18	0.0465	10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS	1.19	0.0469	10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV	1.20	0.0472	10	0.394	38	44&62
ADRL&ADRL-SV			15	0.591	45	38&52
ADR-SUS			20	0.787	50	52&68
ADRL-SUS			10	0.394	38	72
ADR-SP			15	0.591	45	76
ADRS&ADRS-SV			10	0.394	38	106

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADS&V-ADS★	1.20	0.0472	15	0.591	40	84&94
ADSL★			18	0.709	50	98
ADL★			25	0.984	75	100
ADLL★			35	1.378	100	102
ASWD★			18	0.709	50	107
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS	1.21	0.0476	15	0.591	45	76
ADS&V-ADS★			15	0.591	40	84&94
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV	1.22	0.0480	10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP	1.23	0.0484	10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			20	0.787	50	52&68
ADRL&ADRL-SV			10	0.394	38	72
ADR-SUS	1.24	0.0488	15	0.591	45	76
ADRL-SUS			10	0.394	38	54
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV	1.25	0.0492	10	0.394	38	44&62
ADRL&ADRL-SV			15	0.591	45	38&52
ADR-SUS			20	0.787	50	52&68
ADRL-SUS			10	0.394	38	72
ADR-SP			15	0.591	45	76
ADRS&ADRS-SV			10	0.394	38	106
ADR&ADR-SV			15	0.591	40	84&94
ADSL★			18	0.709	50	98
ADL★			25	0.984	75	100
ADLL★			35	1.378	100	102
ADR-SP	1.26	0.0496	10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394	38	44&62
ADRL&ADRL-SV			20	0.787	50	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			15	0.591	45	76

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch	
ADS&V-ADS★	1.26-1.29	0.0496-0.0508	15	0.591	40	1.614	84&94
ADR-SP	1.265	0.0498	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			20	0.787	50	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			15	0.591	45	1.787	76
ADR-SP	1.275	0.0502	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			20	0.787	50	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			15	0.591	45	1.787	76
ADR-SP	1.285	0.0506	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			20	0.787	50	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			15	0.591	45	1.787	76
ADR-SP	1.295	0.0510	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			20	0.787	50	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			15	0.591	45	1.787	76
ADR-SP	1.305	0.0514	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ASWR			10	0.394	38	1.063	106
ADS&V-ADS★			16	0.630	40	1.614	84&94
ADSL★			18	0.709	50	1.787	98
ADL★			25	0.984	75	1.984	100
ADLL★			35	1.378	100	1.984	102
ASWD★			18	0.709	50	1.070	107
ADR-SP	1.315	0.0518	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADS&V-ADS★	1.31-1.34	0.0516-0.0528	16	0.630	40	1.614	84&94
ADR-SP	1.315	0.0518	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.325	0.0522	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.325	0.0522	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.335	0.0526	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.345	0.0530	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			18	0.709	45	1.787	38&52
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.355	0.0533	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ASWR			10	0.394	38	1.063	106
ADS&V-ADS★			16	0.630	40	1.614	84&94
ADSL★			18	0.709	50	1.787	98
ADL★			25	0.984	75	1.984	100
ADLL★			35	1.378	100	1.984	102
ADR-SP	1.365	0.0537	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADS&V-ADS★	1.36-1.39	0.0535-0.0547	16	0.630	40	1.614	84&94
ADR-SP	1.365	0.0537	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.375	0.0541	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.375	0.0541	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.385	0.0545	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58
ADR&ADR-SV			10	0.394			44&62
ADRL&ADRL-SV			25	0.984	60	1.984	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.787	76
ADR-SP	1.395	0.0549	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197			40&58

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR&ADR-SV	1.40	0.0551	10	0.394	38	44&62
ADRSL&ADRSL-SV			18	0.709	45	38&52
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ASWR			10	0.394	38	106
ADS&V-ADS★			16	0.630	40	84&94
ADSL★			18	0.709	50	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102
ASWD★			18	0.709	50	107
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV	1.41	0.0555	25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADS&V-ADS★			16	0.630	40	84&94
ADR-SP	1.415	0.0557	10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADS&V-ADS★			16	0.630	40	84&94
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV	1.42	0.0559	5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV	1.425	0.0561	5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADR-SP	1.435	0.0565	10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV	1.44	0.0567	25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV	1.445	0.0569	5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			18	0.709	45	38&52
ADR-SUS			25	0.984	60	52&68
ADRL-SUS			10	0.394	38	72
ADR-SP			17	0.669	45	76
ADRS&ADRS-SV			10	0.394	38	106
ADS&V-ADS★			16	0.630	40	84&94
ADSL★			18	0.709	50	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR-SP	1.455	0.0573	10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADS&V-ADS★			16	0.630	40	84&94
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV	1.46	0.0575	5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADS&V-ADS★			16	0.630	40	84&94
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV	1.47	0.0579	5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394	38	72
ADRL-SUS			17	0.669	45	76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV	1.48	0.0583	25	0.984	60	52&68
ADR-SUS			10	0.394		72
ADRL-SUS			17	0.669		76
ADR-SP			10	0.394	38	54
ADRS&ADRS-SV			5	0.197		40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984		52&68
ADR-SUS	1.49	0.0587	10	0.394	38	40&58
ADRL-SUS			17	0.669		44&62
ADR-SP			10	0.394		52&68
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62
ADRL&ADRL-SV			25	0.984	60	52&68
ADR-SUS			10	0.394		72
ADRL-SUS	1.50	0.0591	10	0.394	38	54
ADR-SP			17	0.669		76
ADRS&ADRS-SV			15	0.591		106
ASWR			16	0.630	40	84&94
ADS&V-ADS★			24	0.945	50	98
ADSL★			30	1.181	75	100
ADL★			40	1.575	100	102
ADLL★			24	0.945	55	107
ASWD★			10	0.394	38	54
ADR-SP	1.505	0.0593	5	0.197	38	40&58
ADRS&ADRS-SV			10	0.394		44&62
ADR&ADR-SV			25	0.984	60	52&68
ADRL&ADRL-SV			10	0.394	38	72
ADR-SUS			17	0.669	45	76
ADRL-SUS	1.51	0.0594	16	0.630	40	84&94
ADS&V-ADS★			15	0.591		106
ADR-SP			10	0.394		54
ADRS&ADRS-SV			5	0.197	38	40&58
ADR&ADR-SV			10	0.394		44&62

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

Unit: mm

Simplified Table

CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch	
ADR&ADR-SV	152	0.0598	25	0.984	60	2.366	52&68
ADR-SUS			10	0.394	38	1.496	72
ADR-SUS			17	0.669	45	1.772	76
ADR-SP	1525	0.0600	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197	38	1.496	40&58
ADR&ADR-SV			10	0.394	38	1.496	44&62
ADRL&ADRL-SV	153	0.0602	25	0.984	60	2.366	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.772	76
ADR-SP	1535	0.0604	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197	38	1.496	40&58
ADR&ADR-SV			10	0.394	38	1.496	44&62
ADRL&ADRL-SV	154	0.0606	25	0.984	60	2.366	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.772	76
ADR-SP	1545	0.0608	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197	38	1.496	40&58
ADR&ADR-SV			10	0.394	38	1.496	44&62
ADRL&ADRL-SV	154	0.0606	18	0.709	45	1.850	38&52
ADR-SUS			25	0.984	60	2.366	52&68
ADRL-SUS			10	0.394	38	1.496	72
ADR-SP	1545	0.0608	17	0.669	45	1.772	76
ADRS&ADRS-SV			15	0.591	45	1.772	106
ADR&ADR-SV			16	0.630	40	1.575	84&94
ADRL&ADRL-SV	155	0.0610	24	0.945	50	1.969	98
ADR-SUS			30	1.181	75	2.953	100
ADRL-SUS			40	1.575	100	3.125	102
ASWR	1555	0.0612	10	0.394	38	1.496	54
ADS&V-ADS★			5	0.197	38	1.496	40&58
ADSL★			10	0.394	38	1.496	44&62
ADR★	156	0.0614	18	0.709	45	1.850	38&52
ADLL★			25	0.984	60	2.366	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS	156	0.0614	17	0.669	45	1.772	76
ASWR			15	0.591	45	1.772	106
ADS&V-ADS★			16	0.630	40	1.575	84&94
ADSL★	1565	0.0616	24	0.945	50	1.969	98
ADR★			30	1.181	75	2.953	100
ADLL★			40	1.575	100	3.125	102
ADR-SP	1565	0.0616	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197	38	1.496	40&58
ADR&ADR-SV			10	0.394	38	1.496	44&62
ADRL&ADRL-SV	157	0.0618	25	0.984	60	2.366	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.772	76
ADR-SP	1575	0.0620	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197	38	1.496	40&58
ADR&ADR-SV			10	0.394	38	1.496	44&62
ADRL&ADRL-SV	158	0.0622	25	0.984	60	2.366	48&66
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS			17	0.669	45	1.772	76
ADR-SP	1585	0.0624	10	0.394	38	1.496	54
ADRS&ADRS-SV			5	0.197	38	1.496	40&58
ADR&ADR-SV			10	0.394	38	1.496	44&62

CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch	
ADR&ADR-SV	159	0.0626	10	0.394	38	1.496	44&62
ADRL&ADRL-SV			25	0.984	60	2.366	52&68
ADR-SUS			10	0.394	38	1.496	72
ADRL-SUS	1595	0.0628	17	0.669	45	1.772	76
ADR-SP			22	0.866	50	1.969	54
ADRS&ADRS-SV			10	0.394	38	1.496	40&58
ADR	160	0.0630	22	0.866	50	1.969	36
ADR-SV			16	0.630	45	1.575	50
ADRL&ADRL-SV			27	1.063	60	3.350	38&52
ADR-SUS	160	0.0630	32	1.260	60	3.125	52&68
ADR-SUS			12	0.472	45	1.188	72
ASWR			20	0.787	50	1.969	76
ADS&V-ADS★	161	0.0634	15	0.591	45	1.438	106
ADSL★			18	0.709	40	1.778	84&94
ADL★			24	0.945	55	2.362	98
ADLL★	161	0.0634	30	1.181	75	2.953	100
ASWD★			40	1.575	100	3.125	102
ADR-SP			24	0.945	55	2.362	107
ADRS&ADRS-SV	161	0.0634	22	0.866	50	1.969	54
ADR			10	0.394	38	1.496	40&58
ADR-SV			22	0.866	50	1.969	36
ADRL&ADRL-SV	162	0.0638	16	0.630	45	1.575	50
ADR-SUS			32	1.260	60	3.125	52&68
ADRL-SUS			12	0.472	45	1.188	72
ADR-SP	1625	0.0640	20	0.787	50	1.969	76
ADRS&ADRS-SV			10	0.394	38	1.496	40&58
ADR			22	0.866	50	1.969	36
ADR-SV	163	0.0642	16	0.630	45	1.575	50
ADRL&ADRL-SV			32	1.260	60	3.125	52&68
ADR-SUS			12	0.472	45	1.188	72
ADRL-SUS	1635	0.0644	20	0.787	50	1.969	76
ADR-SP			22	0.866	50	1.969	54
ADRS&ADRS-SV			10	0.394	38	1.496	40&58
ADR	164	0.0646	22	0.866	50	1.969	36
ADR-SV			16	0.630	45	1.575	50
ADRL&ADRL-SV			32	1.260	60	3.125	52&68
ADR-SUS	164	0.0646	12	0.472	45	1.188	72
ADRL-SUS			20	0.787	50	1.969	76
ADR-SP			22	0.866	50	1.969	54

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRS&ADRS-SV	1.65	0.0650	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRS&ADRS-SV			27	1.063	60	38&52
ADRL&ADRL-SV			32	1.260		52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ASWR			15	0.591	45	106
ADS&V-ADS★			18	0.709	40	84&94
ADSL★			24	0.945	55	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV	1.66	0.0654	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★			18	0.709	40	84&94
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV	1.67	0.0657	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV	1.68	0.0661	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV	1.69	0.0665	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			27	1.063	60	38&52
ADR-SUS			32	1.260		52&68
ADR-SP	1.70	0.0669	12	0.472	45	72
ADRS&ADRS-SV			20	0.787	50	76
ADR			15	0.591	45	106
ADR-SV			18	0.709	40	84&94
ADRL&ADRL-SV			24	0.945	55	98
ADR-SUS			30	1.181	75	100

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRL-SUS	1.70	0.0669	20	0.787	50	76
ASWR			15	0.591	45	106
ADS&V-ADS★			18	0.709	40	84&94
ADSL★			24	0.945	55	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102
ASWD★			24	0.945	55	107
ADR-SP			1.705	0.0671	22	0.866
ADRS&ADRS-SV	1.71	0.0673	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★			18	0.709	40	84&94
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV	1.72	0.0677	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★			18	0.709	40	84&94
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV	1.73	0.0681	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			27	1.063	60	38&52
ADR-SUS			32	1.260		52&68
ADR-SP	1.75	0.0689	12	0.472	45	72
ADRS&ADRS-SV			20	0.787	50	76
ADR			15	0.591	45	106
ADR-SV			18	0.709	40	84&94
ADRL&ADRL-SV			24	0.945	55	98
ADR-SUS			30	1.181	75	100

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

Simplified Table

CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch	
ADLL★	1.75	0.0689	40	1.575	100	102	1.76 0.0693
ADR-SP	1.755	0.0691	22	0.866	50	54	
ADRS&ADRS-SV			10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADS&V-ADS★	1.76-1.79	0.0693-0.0705	18	0.709	40	84&94	
ADR-SP	1.765	0.0695	22	0.866	50	54	
ADRS&ADRS-SV			10	0.394	38	40&58	1.77 0.0697
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADR-SP	1.775	0.0699	22	0.866	50	54	
ADRS&ADRS-SV			10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADR-SP	1.785	0.0703	22	0.866	50	54	
ADRS&ADRS-SV			10	0.394	38	40&58	1.78 0.0701
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADR-SP	1.785	0.0703	22	0.866	50	54	
ADRS&ADRS-SV			10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADR-SP	1.795	0.0707	22	0.866	50	54	
ADRS&ADRS-SV			10	0.394	38	40&58	1.79 0.0705
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADR-SP	1.795	0.0707	22	0.866	50	54	
ADRS&ADRS-SV			10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			27	1.063	60	38&52	1.80 0.0709
ADR-SL&ADRL-SV			32	1.260	60	52&68	
ADRL&ADRL-SV			12	0.472	45	72	
ADR-SUS			20	0.787	50	76	
ADRL-SUS			15	0.591	45	106	
ASWR			18	0.709	40	84&94	
ADS&V-ADS★			24	0.945	55	98	
ADSL★			30	1.181	75	100	
ADL★			40	1.575	100	102	
ADLL★			40	1.575	100	102	
ASWD★			24	0.945	55	107	
ADR-SP	1.805	0.0711	22	0.866	50	54	1.81 0.0713
ADRS&ADRS-SV			10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADS&V-ADS★	186-189	0.0732-0.0744	18	0.709	40	84&94	
ADR-SP	1.865	0.0734	22	0.866	50	54	
ADRS&ADRS-SV	1.87	0.0736	10	0.394	38	40&58	

CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	inch	
ADRL&ADRL-SV	1.81	0.0713	32	1.260	60	52&68	1.81 0.0717
ADR-SUS			12	0.472	45	72	
ADRL-SUS			20	0.787	50	76	
ADS&V-ADS★	181-184	0.0713-0.0724	18	0.709	40	84&94	
ADR-SP	1.815	0.0715	22	0.866	50	54	
ADRS&ADRS-SV	1.82	0.0717	10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV	32	1.260	60	52&68	1.82 0.0720		
ADR-SUS	12	0.472	45	72			
ADRL-SUS	20	0.787	50	76			
ADR-SP	1.825	0.0719	22	0.866	50	54	
ADRS&ADRS-SV	1.83	0.0720	10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV	32	1.260	60	52&68	1.83 0.0724		
ADR-SUS	12	0.472	45	72			
ADRL-SUS	20	0.787	50	76			
ADR-SP	1.835	0.0722	22	0.866	50	54	
ADRS&ADRS-SV	1.84	0.0724	10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV	32	1.260	60	52&68	1.84 0.0728		
ADR-SUS	12	0.472	45	72			
ADRL-SUS	20	0.787	50	76			
ADR-SP	1.845	0.0726	22	0.866	50	54	
ADRS&ADRS-SV	1.85	0.0728	10	0.394	38	40&58	
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV	27	1.063	60	38&52	1.85 0.0730		
ADR-SUS	32	1.260	60	52&68			
ADRL-SUS	12	0.472	45	72			
ASWR	20	0.787	50	76			
ASMR	15	0.591	45	106			
ADS&V-ADS★	18	0.709	40	84&94			
ADSL★	24	0.945	55	98			
ADL★	30	1.181	75	100			
ADLL★	40	1.575	100	102			
ADR-SP	1.855	0.0730	22	0.866	50	54	
ADRS&ADRS-SV	1.86	0.0732	10	0.394	38	40&58	1.86 0.0732
ADR			22	0.866	50	36	
ADR-SV			16	0.630	45	50	
ADRL&ADRL-SV	32	1.260	60	52&68			
ADR-SUS	12	0.472	45	72			
ADRL-SUS	20	0.787	50	76			
ADS&V-ADS★	186-189	0.0732-0.0744	18	0.709	40	84&94	
ADR-SP	1.865	0.0734	22	0.866	50	54	
ADRS&ADRS-SV	1.87	0.0736	10	0.394	38	40&58	

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR	1.87	0.0736	22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV	1.88	0.0740	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP	1.885	0.0742	22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS	1.895	0.0746	20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS	1.90	0.0748	12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ASWR			15	0.591	45	106
ADS&V-ADS★			18	0.709	40	84&94
ADSL★			24	0.945	55	98
ADL★			30	1.181	75	100
ADLL★	1.905	0.0750	40	1.575	100	102
ASWD★			24	0.945	55	107
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV	1.91	0.0752	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★			18	0.709	40	84&94
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR	1.92	0.0756	22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR-SP	1.925	0.0758	22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS	1.935	0.0762	20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS	1.94	0.0764	12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV	1.95	0.0768	27	1.063	60	38&52
ADR-SUS			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ASWR			15	0.591	45	106
ADS&V-ADS★			18	0.709	40	84&94
ADSL★	1.955	0.0770	24	0.945	55	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV	1.96	0.0772	16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★			18	0.709	40	84&94
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV	1.965	0.0774	10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			20	0.787	50	76
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★	1.97	0.0776	18	0.709	40	84&94
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS	1.975	0.0778	12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADR-SP			22	0.866	50	54
ADRS&ADRS-SV			10	0.394	38	40&58
ADR			22	0.866	50	36
ADR-SV			16	0.630	45	50
ADRL&ADRL-SV	1.98	0.0780	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL	Page No.	CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm			mm	inch	mm	inch	mm	
ADR-SUS	1.98	0.0780	20	0.787	50	76	ADS&V-ADS★	18	0.709	40	84&94		
ADR-SP	1.985	0.0781	22	0.866	50	54		24	0.945	55	98		
ADRS&ADRS-SV			10	0.394	38	40&58		30	1.181	75	100		
ADR			22	0.866	50	36		40	1.575	100	102		
ADR-SV	1.99	0.0783	16	0.630	45	50		10	0.394	38	40&58		
ADRL&ADRL-SV			32	1.260	60	52&68		22	0.866	50	44&62		
ADR-SUS			12	0.472	45	72		32	1.260	60	52&68		
ADRL-SUS			20	0.787	50	76		12	0.472	45	72		
ADR-SP	1.995	0.0785	22	0.866	50	54		20	0.787	50	76		
ADRS&ADRS-SV			10	0.394	38	40&58		206-209	0.0811-0.0823	18	0.709	40	84&94
ADR&ADR-SV			22	0.866	50	44&62	ADRS&ADRS-SV	10	0.394	38	40&58		
ADRSL&ADRSL-SV			27	1.063	60	38&52		22	0.866	50	44&62		
ADRL&ADRL-SV			32	1.260	60	52&68		32	1.260	60	52&68		
ADR-SUS			12	0.472	45	72		12	0.472	45	72		
ADRL-SUS			20	0.787	50	76		20	0.787	50	76		
ASWR			22	0.866	106			10	0.394	38	40&58		
ADS&V-ADS★			18	0.709	40	84&94		22	0.866	50	44&62		
ADSL★			24	0.945	55	98		32	1.260	60	52&68		
ADL★			30	1.181	75	100		12	0.472	45	72		
ADLL★			40	1.575	100	102		20	0.787	50	76		
ASWD★			24	0.945	55	107	ADR-S&ADR-SV	10	0.394	38	40&58		
ADRS&ADRS-SV			10	0.394	38	40&58		22	0.866	50	44&62		
ADR&ADR-SV			22	0.866	50	44&62		32	1.260	60	52&68		
ADRL&ADRL-SV			32	1.260	60	52&68		12	0.472	45	72		
ADR-SUS			12	0.472	45	72		20	0.787	50	76		
ADRL-SUS			20	0.787	50	76		10	0.394	38	40&58		
ADS&V-ADS★	201-204	0.0791-0.0795	18	0.709	40	84&94		22	0.866	50	44&62		
ADRS&ADRS-SV			10	0.394	38	40&58		32	1.260	60	52&68		
ADR&ADR-SV			22	0.866	50	44&62		12	0.472	45	72		
ADRL&ADRL-SV	202	0.0795	32	1.260	60	52&68		20	0.787	50	76		
ADR-SUS			12	0.472	45	72	ADR-S&ADR-SV	22	0.866	55	106		
ADRL-SUS			20	0.787	50	76		20	0.787	40(45)	84&94		
ADRS&ADRS-SV			10	0.394	38	40&58		24	0.945	55	98		
ADR&ADR-SV			22	0.866	50	44&62		30	1.181	75	100		
ADRL&ADRL-SV			32	1.260	60	52&68		40	1.575	100	102		
ADR-SUS			12	0.472	45	72		24	0.945	50	107		
ADRL-SUS			20	0.787	50	76		10	0.394	38	40&58		
ADRS&ADRS-SV			10	0.394	38	40&58		22	0.866	50	44&62		
ADR&ADR-SV			22	0.866	50	44&62		32	1.260	60	52&68		
ADRL&ADRL-SV			32	1.260	60	52&68		12	0.472	45	72		
ADR-SUS			12	0.472	45	72	ADR-S&ADR-SV	20	0.787	50	76		
ADRL-SUS			20	0.787	50	76		10	0.394	38	40&58		
ADRS&ADRS-SV			10	0.394	38	40&58		22	0.866	50	44&62		
ADR&ADR-SV			22	0.866	50	44&62		32	1.260	60	52&68		
ADRL&ADRL-SV			32	1.260	60	52&68		12	0.472	45	72		
ADR-SUS			12	0.472	45	72		20	0.787	50	76		
ADRL-SUS			20	0.787	50	76		10	0.394	38	40&58		
ADRS&ADRS-SV			10	0.394	38	40&58	ADRS&ADRS-SV	20	0.787	40(45)	84&94		
ADR&ADR-SV			22	0.866	50	44&62		10	0.394	38	40&58		
ADRL&ADRL-SV			32	1.260	60	52&68		22	0.866	50	44&62		
ADR-SUS			12	0.472	45	72		32	1.260	60	52&68		
ADRL-SUS			20	0.787	50	76		12	0.472	45	72		
ADRS&ADRS-SV			22	0.866	50	106		20	0.787	50	76		
ASWR								10	0.394	38	40&58		

\* Overall length is being changed to figures in parentheses.

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR&ADR-SV	213	0.0839	22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	214	0.0843	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	215	0.0846	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ASWR			22	0.866	106	
ADS&V-ADS★			20	0.787	40(45)	84&94
ADSL★			24	0.945	55	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102
ADRS&ADRS-SV	216	0.0850	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★	216-219	0.0850-0.0862	20	0.787	40(45)	84&94
ADRS&ADRS-SV	217	0.0854	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	218	0.0858	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	219	0.0862	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	220	0.0866	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ASWR			20	0.787	106	
ADS&V-ADS★			20	0.787	40(45)	84&94
ADSL★			26	1.024	58(65)	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102
ADRS&ADRS-SV	221	0.0870	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★	221-224	0.0870-0.0881	20	0.787	40(45)	84&94
ADRS&ADRS-SV	222	0.0874	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	223	0.0878	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	224	0.0882	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	225	0.0886	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ASWR			22	0.866	106	
ADS&V-ADS★			20	0.787	40(45)	84&94
ADSL★			26	1.024	58(65)	98
ADL★			30	1.181	75	100
ADLL★			40	1.575	100	102
ADRS&ADRS-SV	226	0.0890	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADS&V-ADS★	226-229	0.0890-0.0901	20	0.787	40(45)	84&94
ADRS&ADRS-SV	227	0.0894	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			20	0.787	50	76
ADRS&ADRS-SV	228	0.0898	10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	34&48
ADRL&ADRL-SV			32	1.260	60	52&68

\* Overall length is being changed to figures in parentheses.

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

Simplified Table

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR-SUS	228	0.0898	12	0472	45	72
ADR-SUS			22	0866	50	76
ADRS&ADRS-SV		0.0902	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0902	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS			22	0866	50	76
ADRS&ADRS-SV	230	0.0906	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	34&48
ADRL&ADRL-SV		0.0906	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS		0.0906	22	0866	50	76
ASWR					106	
ADS&V-ADS★		0.0906	20	0787	40(45)	84&94
ADSL★			26	1024	58(65)	98
ADL★	231	0.0909	30	1181	75	100
ADLL★			40	1575	100	102
ASWD★		0.0909	26	1024	58(65)	107
ADRS&ADRS-SV			10	0394	38	40&58
ADR&ADR-SV		0.0909	22	0866	50	44&62
ADRL&ADRL-SV			32	1260	60	52&68
ADR-SUS		0.0909	12	0472	45	72
ADR-SUS			22	0866	50	76
ADS&V-ADS★	231-234	0.0909-0.0921	20	0787	40(45)	84&94
ADRS&ADRS-SV	232	0.0913	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0913	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS		0.0913	22	0866	50	76
ADRS&ADRS-SV			10	0394	38	40&58
ADR&ADR-SV		0.0917	22	0866	50	34&48
ADRL&ADRL-SV			32	1260	60	52&68
ADR-SUS		0.0917	12	0472	45	72
ADR-SUS			22	0866	50	76
ADRS&ADRS-SV	234	0.0921	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0921	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS		0.0921	22	0866	50	76
ADRS&ADRS-SV			10	0394	38	40&58
ADR&ADR-SV		0.0925	22	0866	50	44&62
ADRL&ADRL-SV			32	1260	60	52&68
ADR-SUS		0.0925	12	0472	45	72
ADR-SUS			22	0866	50	76
ASWR	235	0.0925	10	0394	38	40&58
ADS&V-ADS★			22	0866	50	44&62
ADRL&ADRL-SV		0.0925	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS		0.0925	22	0866	50	76
ASWR					106	
ADS&V-ADS★		0.0925	20	0787	40(45)	84&94
ADSL★			26	1024	58(65)	98
ADL★	236-239	0.0929-0.0931	30	1181	75	100
ADLL★			12	0472	45	102
ADRS&ADRS-SV		0.0929-0.0931	20	0787	40(45)	84&94
ADR&ADR-SV			10	0394	38	40&58
ADRL&ADRL-SV		0.0929-0.0931	22	0866	50	44&62
ADR-SUS			32	1260	60	52&68
ADR-SUS		0.0929-0.0931	12	0472	45	72
ADRL-SUS			22	0866	50	76
ADRS&ADRS-SV	237	0.0933	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0933	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS		0.0933	22	0866	50	76
ADRS&ADRS-SV			10	0394	38	40&58
ADR&ADR-SV		0.0937	22	0866	50	44&62
ADRL&ADRL-SV			32	1260	60	52&68
ADR-SUS		0.0937	12	0472	45	72
ADRL-SUS			22	0866	50	76
ADRS&ADRS-SV	238	0.0937	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0937	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS		0.0937	22	0866	50	76
ADRS&ADRS-SV			10	0394	38	40&58
ADR&ADR-SV		0.0941	22	0866	50	44&62
ADRL&ADRL-SV			32	1260	60	52&68
ADR-SUS		0.0941	12	0472	45	72
ADRL-SUS			22	0866	50	76
ADRS&ADRS-SV	239	0.0941	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0941	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADR-SUS		0.0941	22	0866	50	76
ADRS&ADRS-SV			10	0394	38	40&58
ADR&ADR-SV		0.0945	22	0866	50	44&62
ADRL&ADRL-SV			32	1260	60	52&68
ADR-SUS		0.0945	12	0472	45	72
ADRL-SUS			22	0866	50	76
ADRS&ADRS-SV	240	0.0945	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0945	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADRL-SUS		0.0945	22	0866	50	76
ASWR			20	0787	40(45)	84&94
ADSL★		0.0945	26	1024	61(65)	98
ADL★			35	1378	100	100
ADLL★	241	0.0949	50	1969	150	102
ASWD★			26	1024	61(65)	107
ADRS&ADRS-SV		0.0949	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0949	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADRL-SUS		0.0949	22	0866	50	76
ADS&V-ADS★			20	0787	40(45)	84&94
ADRS&ADRS-SV	242	0.0953	10	0394	38	40&58
ADR&ADR-SV			22	0866	50	44&62
ADRL&ADRL-SV		0.0953	32	1260	60	52&68
ADR-SUS			12	0472	45	72
ADRL-SUS		0.0953	22	0866	50	76
ADRS&ADRS-SV			10	0394	38	40&58
ADR&ADR-SV		0.0957	22	0866	50	44&62
ADRL&ADRL-SV			32	1260	60	52&68
ADR-SUS		0.0957	12	0472	45	72

\* Overall length is being changed to figures in parentheses.

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRL-SUS	243	0.0957	22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	244	0.0961	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ASWR			20	0.787	40(45)	84&94
ADS&V-ADS★			26	1.024	61(65)	98
ADSL★			35	1.378	100	100
ADL★			50	1.969	150	102
ADLL★			10	0.394	38	40&58
ADRS&ADRS-SV			22	0.866	50	44&62
ADR&ADR-SV			32	1.260	60	52&68
ADRL&ADRL-SV			12	0.472	45	72
ADR-SUS			22	0.866	50	76
ADRL-SUS			246-249	0.0969-0.0980	20	0.787 40(45) 84&94
ADS&V-ADS★			10	0.394	38	40&58
ADRS&ADRS-SV			22	0.866	50	44&62
ADR&ADR-SV			32	1.260	60	52&68
ADRL&ADRL-SV			12	0.472	45	72
ADR-SUS			22	0.866	50	76
ADRL-SUS			246-249	0.0969-0.0980	20	0.787 40(45) 84&94
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	247	0.0972	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	248	0.0976	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	249	0.0980	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV			32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	250	0.0984	27	1.063	60	38&52
ADR-SUS			32	1.260	60	52&68
ADRL-SUS			12	0.472	45	72
ASWR			22	0.866	50	76
250-253	0.0984-0.1004	106	20	0.787	40(45)	84&94
ADS&V-ADS★			20	0.787	40(45)	84&94
ADSL★			26	1.024	61(65)	98
ADL★			35	1.378	100	100
ADLL★			50	1.969	150	102

\* Overall length is being changed to figures in parentheses.

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ASWD★	250	0.0984	26	1.024	61(65)	107
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	251	0.0988	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADS&V-ADS★	251-254	0.0988-0.1	20	0.787	40(45)	84&94
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	252	0.0992	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	253	0.0996	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	254	0.1000	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ADRS&ADRS-SV			10	0.394	38	40&58
ADR&ADR-SV			22	0.866	50	44&62
ADRL&ADRL-SV	255	0.1004	32	1.260	60	52&68
ADR-SUS			12	0.472	45	72
ADRL-SUS			22	0.866	50	76
ASWR			20	0.787	40(45)	84&94
ADS&V-ADS★			26	1.024	61(65)	98
ADSL★			35	1.378	100	100
ADL★			50	1.969	150	102
ADLL★			10	0.394	38	40&58
ADRS&ADRS-SV			22	0.866	50	44&62
ADR&ADR-SV			32	1.260	60	52&68
ADRL&ADRL-SV	256	0.1008	12	0.472	45	72
ADR-SUS			22	0.866	50	76
ADRL-SUS			256-259	0.1008-0.1020	20	0.787 40(45) 84&94
ADS&V-ADS★			10	0.394	38	40&58
ADRS&ADRS-SV			22	0.866	50	44&62
ADR&ADR-SV			32	1.260	60	52&68
ADRL&ADRL-SV	257	0.1012	12	0.472	45	72
ADR-SUS			22	0.866	50	76
ADRL-SUS			10	0.394	38	40&58
ADRS&ADRS-SV			22	0.866	50	44&62
ADR&ADR-SV			32	1.260	60	52&68
ADRL&ADRL-SV	258	0.1016	12	0.472	45	72
ADR-SUS			22	0.866	50	76
ADRL-SUS			10	0.394	38	40&58
ADRS&ADRS-SV			22	0.866	50	44&62
ADR&ADR-SV			32	1.260	60	52&68
ADRL&ADRL-SV			12	0.472	45	72
ADR-SUS			22	0.866	50	76
ADRL-SUS			10	0.394	38	40&58
ADRS&ADRS-SV			22	0.866	50	44&62
ADR&ADR-SV			32	1.260	60	52&68
ADRL&ADRL-SV			12	0.472	45	72
ADR-SUS			22	0.866	50	76

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL		Page No.	CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	mm			mm	inch	mm	inch	mm	mm	
ADRS&ADRS-SV	259	0.1020	10	0.394	38	40&58		ADR&ADR-SV	266	0.1047	22	0.866	50	44&62	
ADR&ADR-SV			22	0.866	50	44&62		ADRL&ADRL-SV			32	1.260	60	52&68	
ADRL&ADRL-SV			32	1.260	60	52&68		ADR-SUS			12	0.472	45	72	
ADR-SUS			12	0.472	45	72		ADRL-SUS			22	0.866	50	76	
ADRL-SUS			22	0.866	50	76		ADS&V-ADS★	266-267	0.1047-0.1051	20	0.787	45	84&94	
ADRS&ADRS-SV	260	0.1024	10	0.394	38	40&58		ADRS&ADRS-SV			10	0.394	38	40&58	
ADR&ADR-SV			22	0.866	50	44&62		ADR&ADR-SV			22	0.866	50	44&62	
ADRL&ADRL-SV			32	1.260	60	52&68		ADRL&ADRL-SV			32	1.260	60	52&68	
ADR-SUS			12	0.472	45	72		ADR-SUS			12	0.472	45	72	
ADRL-SUS			22	0.866	50	76		ADRL-SUS			22	0.866	50	76	
ASWR	261	0.1028	22	0.866	50	106		ADRS&ADRS-SV	268	0.1055	10	0.394	38	40&58	
ADS&V-ADS★			20	0.787	45	84&94		ADR&ADR-SV			22	0.866	50	44&62	
ADSL★			28	1.102	64(65)	98		ADRL&ADRL-SV			32	1.260	60	52&68	
ADL★			35	1.378	100	100		ADR-SUS			12	0.472	45	72	
ADLL★			50	1.969	150	102		ADRL-SUS			22	0.866	50	76	
ASWD★	261-264	0.1028-0.1039	28	1.102	64(65)	107		ADRS&ADRS-SV	269	0.1059	10	0.394	38	40&58	
ADRS&ADRS-SV			10	0.394	38	40&58		ADR&ADR-SV			22	0.866	50	44&62	
ADR&ADR-SV			22	0.866	50	44&62		ADRL&ADRL-SV			32	1.260	60	52&68	
ADRL&ADRL-SV			32	1.260	60	52&68		ADR-SUS			12	0.472	45	72	
ADR-SUS			12	0.472	45	72		ADRL-SUS			22	0.866	50	76	
ADRL-SUS	262	0.1031	22	0.866	50	76		ADRS&ADRS-SV	270	0.1063	12	0.472	38	40&58	
ADS&V-ADS★			20	0.787	45	84&94		ADR&ADR-SV			25	0.984	50	44&62	
ADRS&ADRS-SV			10	0.394	38	40&58		ADRL&ADRL-SV			40	1.575	65	52&68	
ADR&ADR-SV			22	0.866	50	44&62		ADR-SUS			15	0.591	45	72	
ADRL&ADRL-SV			32	1.260	60	52&68		ADRL-SUS			25	0.984	60	76	
ADR-SUS	263	0.1035	12	0.472	45	72		ASWR			25	0.984	50	106	
ADRL-SUS			22	0.866	50	76		ADS&V-ADS★			20	0.787	45	84&94	
ADRS&ADRS-SV			10	0.394	38	40&58		ADSL★			28	1.102	64(65)	98	
ADR&ADR-SV			22	0.866	50	44&62		ADL★			35	1.378	100	100	
ADRL&ADRL-SV			32	1.260	60	52&68		ADLL★			50	1.969	150	102	
ADR-SUS	264	0.1039	12	0.472	45	72		ASWD★			28	1.102	64(65)	107	
ADRL-SUS			22	0.866	50	76		ADRS&ADRS-SV	271	0.1067	12	0.472	38	40&58	
ADRS&ADRS-SV			10	0.394	38	40&58		ADR&ADR-SV			25	0.984	50	44&62	
ADR&ADR-SV			22	0.866	50	44&62		ADRL&ADRL-SV			40	1.575	65	52&68	
ADRL&ADRL-SV			32	1.260	60	52&68		ADR-SUS			15	0.591	45	72	
ADR-SUS	265	0.1043	12	0.472	45	72		ADRL-SUS			25	0.984	60	76	
ADRL-SUS			22	0.866	50	76		ADS&V-ADS★	271-274	0.1067-0.1079	20	0.787	45	84&94	
ADRS&ADRS-SV			10	0.394	38	40&58		ADRS&ADRS-SV			12	0.472	38	40&58	
ADR&ADR-SV			22	0.866	50	44&62		ADR&ADR-SV			25	0.984	50	44&62	
ADRL&ADRL-SV			32	1.260	60	52&68		ADRL&ADRL-SV			40	1.575	65	52&68	
ADR-SUS	266	0.1047	12	0.472	45	72		ADR-SUS			15	0.591	45	72	
ADRL-SUS			22	0.866	50	76		ADRL-SUS			25	0.984	60	76	
ASWR			22	0.866	50	106		ADRS&ADRS-SV	272	0.1071	12	0.472	38	40&58	
ADS&V-ADS★			20	0.787	45	84&94		ADR&ADR-SV			25	0.984	50	44&62	
ADSL★			28	1.102	64(65)	98		ADRL&ADRL-SV			40	1.575	65	52&68	
ADL★			35	1.378	100	100		ADR-SUS			15	0.591	45	72	
ADLL★			50	1.969	150	102		ADRL-SUS			25	0.984	60	76	
ADRS&ADRS-SV	266	0.1047	10	0.394	38	40&58		ADRS&ADRS-SV	273	0.1075	12	0.472	38	40&58	

\* Overall length is being changed to figures in parentheses.

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR&ADR-SV	274	0.1079	25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	275	0.1083	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ASWR				50	106	
ADS&V-ADS★			20	0.787	45	84&94
ADSL★			28	1.102	64(65)	98
ADL★			35	1.378	100	100
ADLL★			50	1.969	150	102
ADRS&ADRS-SV	276	0.1087	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADS&V-ADS★	277	0.1087-0.1099	20	0.787	45	84&94
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	278	0.1094	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	279	0.1098	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	280	0.1102	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ASWR				50	106	
ADS&V-ADS★			20	0.787	45	84&94
ADSL★			30	1.181	67(75)	98
ADL★			35	1.378	100	100
ADLL★			50	1.969	150	102
ASWD★			30	1.181	67(75)	107
ADRS&ADRS-SV	281	0.1106	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV				40	1.575	65

\* Overall length is being changed to figures in parentheses.

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADRL&ADR-SV	281	0.1106	40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADS&V-ADS★			20	0.787	45	84&94
ADRS&ADRS-SV	282	0.1110	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS	283	0.1114	25	0.984	60	76
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS	284	0.1118	15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV	285	0.1122	40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ASWR			25	0.984	50	106
ADS&V-ADS★	286	0.1126	20	0.787	45	84&94
ADSL★			30	1.181	67(75)	98
ADL★			35	1.378	100	100
ADLL★			50	1.969	150	102
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV	287	0.1130	25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADS&V-ADS★	288	0.1134	20	0.787	45	84&94
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS	289	0.1138	15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADR-SUS	289	0.1138	15	0.591	45	72
ADR-SUS			25	0.984	60	76
ADRS&ADRS-SV		0.1142	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ASWR	290	0.1142	25	0.984	50	106
ADS&V-ADS★			20	0.787	45	84&94
ADSL★			30	1.181	71(75)	98
ADL★			35	1.378	100	100
ADLL★			50	1.969	150	102
ASWD★		0.1146	30	1.181	71(75)	107
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS	291	0.1146	25	0.984	60	76
ADS&V-ADS★			20	0.787	45	84&94
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS		0.1150	15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	292	0.1150	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	293	0.1154	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	294	0.1157	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	295	0.1161	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ASWR	296	0.1165	25	0.984	50	106
ADS&V-ADS★			20	0.787	45	84&94
ADSL★			30	1.181	71(75)	98
ADL★			35	1.378	100	100
ADLL★			50	1.969	150	102
ADRS&ADRS-SV			12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	297	0.1165	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	298	0.1173	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	299	0.1177	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			40	1.575	65	52&68
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	60	76
ADRS&ADRS-SV	300	0.1181	12	0.472	38	40&58
ADR&ADR-SV			25	0.984	50	44&62
ADRL&ADRL-SV			33	1.299	60	38&52
ADR-SUS			15	0.591	45	72
ADRL-SUS			25	0.984	50	106
ASWR	301	0.1181	20	0.787	45	84&94
ADS&V-ADS★			30	1.181	71(75)	98
ADSL★			50	1.969	100	100
ADL★			65	2.559	150	102
ADLL★			30	1.181	71(75)	107
ADS★	302	0.1181	20	0.787	45	84
ADS&V-ADS★			20	0.787	45	84&94
ADSL★			30	1.181	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	303	0.1201	20	0.787	45	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	304	0.1201	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	305	0.1220	20	0.787	45	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	306	0.1220	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	307	0.1240	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	308	0.1240	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	309	0.1240	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	310	0.1260	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	311	0.1260	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102
ADS★	312	0.1260	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★			32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2.559	150	102

\* Overall length is being changed to figures in parentheses.

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADLL★	3.20	0.1260	65	2559	150	102
ADS★	321-324	01264-01276	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★	3.25	0.1280	32	1.260	71(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2559	150	102
ADS★	326-329	01283-01295	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★	3.30	0.1299	35	1.378	73(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2559	150	102
ADS★	331-334	01303-01315	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★	3.35	0.1319	35	1.378	73(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2559	150	102
ADS★	336-339	01329-01335	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★	3.40	0.1339	35	1.378	73(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2559	150	102
ADS★	341-344	01343-01354	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★	3.45	0.1358	35	1.378	73(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2559	150	102
ADS★	346-349	01362-01374	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★	3.50	0.1378	35	1.378	73(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2559	150	102
ADS★	351-354	01382-01394	25	0.984	50	84
ADS&V-ADS★			25	0.984	50	84&94
ADSL★	3.55	0.1398	35	1.378	73(75)	98
ADL★			50	1.969	100	100
ADLL★			65	2559	150	102
ADS★	356-359	01402-01413	25	0.984	50	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	3.60	0.1417	37	1.457	76(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	361-364	01421-01433	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	3.65	0.1437	37	1.457	76(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	366-369	01441-01453	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94

\* Overall length is being changed to figures in parentheses.

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADSL★	3.70	0.1457	37	1.457	76(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	371-374	01461-01472	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	3.75	0.1476	37	1.457	76(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	376-379	01480-01492	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	3.80	0.1496	37	1.457	76(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	381-384	01500-01512	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	3.85	0.1516	37	1.457	76(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	386-389	01520-01531	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	3.90	0.1535	37	1.457	79(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	391-394	01539-01551	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	3.95	0.1555	37	1.457	79(80)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	396-399	01559-01571	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	4.00	0.1575	40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	401-404	01579-01591	27	1.063	55	84
ADS&V-ADS★			27	1.063	55	84&94
ADSL★	4.05	0.1594	40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	406-409	01598-01610	27	1.063	55	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★	4.10	0.1614	40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102
ADS★	411-414	01618-01630	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★	4.15	0.1634	40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2953	150	102

## SIMPLIFIED TABLE

## **3mm & Straight Shank (★) Drills**

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADS★	416-419	0.1638-0.1650	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	421-424	0.1657-0.1669	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	426-429	0.1677-0.1689	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	431-434	0.1697-0.1709	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			40	1.575	83(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	436-439	0.1717-0.1728	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	86(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	441-444	0.1736-0.1748	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	86(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	446-449	0.1756-0.1768	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	86(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	451-454	0.1776-0.1787	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	86(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	456-459	0.1795-0.1807	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	86(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	460	0.1811	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	86(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★	461-464	0.1815-0.1827	30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	86(90)	98

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADL★	4.65	0.1831	50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	89(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	89(90)	98
ADL★	4.70	0.1850	50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	89(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	89(90)	98
ADL★	4.75	0.1870	50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	89(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	89(90)	98
ADL★	4.80	0.1890	50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			42	1.654	89(90)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★	4.85	0.1909	50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★	4.90	0.1929	50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★	4.95	0.1949	50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★			50	1.969	100	100
ADLL★			75	2.953	150	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★	5.00	0.1969	50	1.969	100	100
ADLL★			75	2.953	150	100
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★	5.05	0.1988	75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★			30	1.181	60	84
ADS&V-ADS★			30	1.181	60	84&94
ADSL★			45	1.772	92(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★			30	1.181	60	84
V-ADS★	5.10	0.2008	40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	92(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102

\* Overall length is being changed to figures in parentheses.

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADS★	511-514	02012-02024	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	92(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	516-519	02031-02043	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	521-524	02051-02063	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	526-529	02071-02083	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	531-534	02091-02102	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	535	02109-02112	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	536-539	02110-02112	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	541-544	02130-02142	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	546-549	02150-02161	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102

\* Overall length is being changed to figures in parentheses.

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADS★	551-554	02169-02181	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	95(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	556-559	02189-02201	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	561-564	02219-02220	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	566-569	02228-02240	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	571-574	02248-02260	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	576-579	02268-02280	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	580-583	02288-02283	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	581-584	02287-02289	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	585-588	02307-02319	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102
ADS★	589-592	02317-02319	40	1.575	65(80)	84
V-ADS★			40	1.575	80	94
ADS★			40	1.575	65(80)	84
ADSL★			45	1.772	98(100)	98
ADL★			75	2.953	150	100
ADLL★			90	3.543	200	102

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL		Page No.	CODE NUMBER	ØD		FL		OAL		Page No.
	mm	inch	mm	inch	mm	mm			mm	inch	mm	inch	mm	mm	
ADS★	591-594	0.2327-0.2339	40	1.575	65(80)	84	5.95	ADS★	680	0.2677	40	1.575	65(80)	84	6.85
V-ADS★			40	1.575	80	94		ADSL★			50	1.969	105(110)	98	
ADS★			40	1.575	65(80)	84		ADL★			75	2.953	150	100	
ADSL★			45	1.772	98(100)	98		ADLL★			90	3.543	200	102	
ADL★			75	2.953	150	100		ADS★			40	1.575	65(80)	84	
ADLL★			90	3.543	200	102		ADS★			40	1.575	65(80)	84	
ADS★	596-599	0.2346-0.2358	40	1.575	65(80)	84		ADSL★			50	1.969	105(110)	98	
V-ADS★			40	1.575	80	94		ADL★			75	2.953	150	100	
ADS★			40	1.575	65(80)	84		ADLL★			90	3.543	200	102	
ADSL★			50	1.969	102(110)	98	6.00	ADS★			40	1.575	65(80)	84	6.95
ADL★			75	2.953	150	100		ADS★			40	1.575	65(80)	84	
ADLL★			90	3.543	200	102		ADSL★			50	1.969	105(110)	98	
ADS★	601-609	0.2366-0.2398	40	1.575	65(80)	84		ADL★			75	2.953	150	100	
ADS★			40	1.575	65(80)	84		ADLL★			90	3.543	200	102	
ADSL★			50	1.969	102(110)	98		ADS★	7.01-7.09	0.2760-0.2791	40	1.575	65(80)	84	
ADL★			75	2.953	150	100		ADS★			40	1.575	80	84	
ADLL★			90	3.543	200	102		ADSL★			52	2.047	108(110)	98	
ADS★	615	0.2421	40	1.575	65(80)	84		ADL★			75	2.953	150	100	
ADS★			40	1.575	65(80)	84		ADLL★			90	3.543	200	102	
ADSL★			50	1.969	102(110)	98	6.20	ADS★			40	1.575	80	84	7.20
ADL★			75	2.953	150	100		ADSL★			52	2.047	108(110)	98	
ADLL★			90	3.543	200	102		ADL★			75	2.953	150	100	
ADS★	625	0.2461	40	1.575	65(80)	84		ADLL★			90	3.543	200	102	
ADS★			40	1.575	65(80)	84		ADS★			40	1.575	80	84	
ADSL★			50	1.969	102(110)	98		ADSL★			52	2.047	108(110)	98	
ADL★			75	2.953	150	100		ADL★			75	2.953	150	100	
ADLL★			90	3.543	200	102		ADLL★			90	3.543	200	102	
ADS★	635	0.2500	40	1.575	65(80)	84	6.30	ADS★			40	1.575	80	84	7.30
ADS★			40	1.575	65(80)	84		ADSL★			52	2.047	108(110)	98	
ADSL★			50	1.969	102(110)	98		ADL★			75	2.953	150	100	
ADL★			75	2.953	150	100		ADLL★			90	3.543	200	102	
ADLL★			90	3.543	200	102		ADS★			40	1.575	80	84	
ADS★			40	1.575	65(80)	84		ADSL★			52	2.047	108(110)	98	
ADSL★			50	1.969	102(110)	98		ADL★			75	2.953	150	100	
ADL★			75	2.953	150	100		ADLL★			90	3.543	200	102	
ADLL★			90	3.543	200	102		ADS★			40	1.575	80	84	
ADS★	645	0.2539	40	1.575	65(80)	84	6.50	ADSL★			52	2.047	111(120)	98	7.50
ADS★			40	1.575	65(80)	84		ADL★			75	2.953	150	100	
ADSL★			50	1.969	105(110)	98		ADLL★			90	3.543	200	102	
ADL★			75	2.953	150	100		ADS★			40	1.575	80	84	
ADLL★			90	3.543	200	102		ADSL★			52	2.047	111(120)	98	
ADS★			40	1.575	65(80)	84		ADL★			75	2.953	150	100	
ADSL★			50	1.969	105(110)	98		ADLL★			90	3.543	200	102	
ADL★			75	2.953	150	100		ADS★			40	1.575	80	84	
ADLL★			90	3.543	200	102		ADSL★			52	2.047	111(120)	98	
ADS★	655	0.2579	40	1.575	65(80)	84	6.60	ADL★			75	2.953	150	100	7.60
ADS★			40	1.575	65(80)	84		ADLL★			90	3.543	200	102	
ADSL★			50	1.969	105(110)	98		ADS★			40	1.575	80	84	
ADL★			75	2.953	150	100		ADSL★			52	2.047	111(120)	98	
ADLL★			90	3.543	200	102		ADL★			75	2.953	150	100	
ADS★			40	1.575	65(80)	84		ADLL★			90	3.543	200	102	
ADSL★			50	1.969	105(110)	98		ADS★			40	1.575	80	84	
ADL★			75	2.953	150	100		ADSL★			55	2.165	114(120)	98	
ADLL★			90	3.543	200	102		ADL★			75	2.953	150	100	
ADS★	665	0.2618	40	1.575	65(80)	84		ADLL★			90	3.543	200	102	
ADS★			40	1.575	65(80)	84	6.70	ADS★			40	1.575	80	84	7.80
ADSL★			50	1.969	105(110)	98		ADSL★			55	2.165	114(120)	98	
ADL★			75	2.953	150	100		ADL★			75	2.953	150	100	
ADLL★			90	3.543	200	102		ADLL★			90	3.543	200	102	
ADS★			40	1.575	65(80)	84		ADS★			40	1.575	80	84	
ADSL★			50	1.969	105(110)	98		ADSL★			55	2.165	114(120)	98	
ADL★			75	2.953	150	100		ADL★			75	2.953	150	100	
ADLL★			90	3.543	200	102		ADLL★			90	3.543	200	102	
ADS★			40	1.575	65(80)	84		ADS★			40	1.575	80	84	
ADSL★			50	1.969	105(110)	98		ADSL★			55	2.165	114(120)	98	
ADL★			75	2.953	150	100		ADL★			75	2.953	150	100	
ADLL★			90	3.543	200	102		ADLL★			90	3.543	200	102	
ADS★	675	0.2657	40	1.575	65(80)	84		ADS★	7.90	0.3110	40	1.575	80	84	

\* Overall length is being changed to figures in parentheses.

# SIMPLIFIED TABLE

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADSL★			55	2165	114(120)	98
ADL★	7.90	03110	75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.00	03150	60	2362	117(120)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★	801-809	03154-03185	40	1575	80	84
ADS★	8.10	03189	40	1575	80	84
ADSL★			60	2362	117(120)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.20	03228	60	2362	117(120)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.30	03268	60	2362	117(120)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.40	03307	60	2362	121(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.50	03346	60	2362	121(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.60	03386	60	2362	121(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.70	03425	65	2559	121(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.80	03465	65	2559	124(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	8.90	03504	65	2559	124(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	9.00	03543	65	2559	124(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	9.00	03543	65	2559	124(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102

\* Overall length is being changed to figures in parentheses.

CODE NUMBER	ØD		FL		OAL	Page No.
	mm	inch	mm	inch	mm	
ADS★	901-909	03547-03579	40	1575	80	84
ADS★			40	1575	80	84
ADSL★	9.10	03583	65	2559	124(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	9.20	03622	65	2559	127(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	9.30	03661	65	2559	127(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	9.40	03701	65	2559	127(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			40	1575	80	84
ADSL★	9.50	03740	65	2559	127(130)	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			50	1969	100	84
ADSL★	9.60	03780	65	2559	130	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			50	1969	100	84
ADSL★	9.70	03819	65	2559	130	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			50	1969	100	84
ADSL★	9.80	03858	65	2559	130	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			50	1969	100	84
ADSL★	9.90	03898	65	2559	130	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			50	1969	100	84
ADSL★	10.00	03937	65	2559	130	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			50	1969	100	84
ADSL★	10.10	03972	70	2756	130	98
ADL★			75	2953	150	100
ADLL★			90	3543	200	102
ADS★			50	1969	100	84
ADSL★	10.15	03976-04094	70	2756	137(150)	98
ADL★			90	3543	200	100
ADLL★			120	4724	250	102
ADS★			50	1969	100	84

# SIMPLIFIED TABLE

## 3mm & Straight Shank (★) Drills

CODE NUMBER	ØD		FL		OAL	Page No.		
	mm	inch	mm	inch	mm			
ADS★	11.00	0.4331	50	1.969	100	84		
ADSL★			70	2.756	140(150)	98		
ADL★			90	3.543	200	100		
ADLL★			120	4.724	250	102		
ADS★	11.01-11.03	0.4335-0.4366	50	1.969	100	84		
ADS★			11.1-11.4	0.4370-0.4488	50	1.969	100	84
ADS★	11.50	0.4528	50	1.969	100	84		
ADSL★			70	2.756	148(150)	98		
ADL★			90	3.543	200	100		
ADLL★			120	4.724	250	102		
ADS★	11.6-11.9	0.4567-0.4685	50	1.969	100	84		
ADS★			12.00	0.4724	50	1.969	100	84
ADSL★			70	2.756	149(150)	98		

\* Overall length is being changed to figures in parentheses.

CODE NUMBER	ØD		FL		OAL	Page No.		
	mm	inch	mm	inch	mm			
ADL★	12.00	0.4724	90	3.543	200	100		
ADLL★			120	4.724	250	102		
ADS★			120-120	0.4728-0.4760	50	1.969	100	84
ADS★			121-124	0.4764-0.4882	50	1.969	100	84
ADS★	12.50	0.4921	50	1.969	100	84		
ADSL★			70	2.756	149(150)	98		
ADL★			90	3.543	200	100		
ADLL★			120	4.724	250	102		
ADS★	12.6-12.9	0.4961-0.5079	50	1.969	100	84		
ADS★			50	1.969	100	84		
ADSL★			70	2.756	149(150)	98		
ADL★			90	3.543	200	100		
ADLL★			120	4.724	250	102		