Table 6 Involute functions

Deg	*Inv φ*	*Deg*	*Inv φ*	*Deg*	*Inv φ*	*Deg*	*Inv φ*
00.0	.000000						
00.1	.000000	03.1	.000053	06.1	.000404	09.1	.001349
00.2	.000000	03.2	.000058	06.2	.000424	09.2	.001394
00.3	.000000	03.3	.000064	06.3	.000445	09.3	.001440
00.4	.000000	03.4	.000070	06.4	.000467	09.4	.001488
00.5	.000000	03.5	.000076	06.5	.000489	09.5	.001536
00.6	.000000	03.6	.000083	06.6	.000512	09.6	.001586
00.7	.000000	03.7	.000090	06.7	.000536	09.7	.001636
00.8	.000000	03.8	.000097	06.8	.000560	09.8	.001688
00.9	.000001	03.9	.000105	06.9	.000586	09.9	.001740
01.0	.000002	04.0	.000114	07.0	.000612	10.0	.001794
01.1	.000002	04.1	.000122	07.1	.000638	10.1	.001849
01.2	.000003	04.2	.000132	07.2	.000666	10.2	.001905
01.3	.000004	04.3	.000141	07.3	.000694	10.3	.001962
01.4	.000005	04.4	.000151	07.4	.000723	10.4	.002020
01.5	.000006	04.5	.000162	07.5	.000753	10.5	.002079
01.6	.000007	04.6	.000173	07.6	.000783	10.6	.002140
01.7	.000009	04.7	.000184	07.7	.000815	10.7	.002202
01.8	.000010	04.8	.000197	07.8	.000847	10.8	.002265
01.9	.000012	04.9	.000209	07.9	.000880	10.9	.002329
02.0	.000014	05.0	.000222	08.0	.000914	11.0	.002394
02.1	.000016	05.1	.000236	08.1	.000949	11.1	.002461
02.2	.000019	05.2	.000250	08.2	.000985	11.2	.002528
02.3	.000022	05.3	.000265	08.3	.001022	11.3	.002598
02.4	.000025	05.4	.000280	08.4	.001059	11.4	.002668
02.5	.000028	05.5	.000296	08.5	.001098	11.5	.002739
02.6	.000031	05.6	.000312	08.6	.001137	11.6	.002812
02.7	.000035	05.7	.000329	08.7	.001178	11.7	.002894
02.8	.000039	05.8	.000347	08.8	.001219	11.8	.002962
02.9	.000043	05.9	.000366	08.9	.001262	11.9	.003039
03.0	.000048	06.0	.000384	09.0	.001305	12.0	.003117
12.1	.003197	16.3	.007932	20.6	.016337	24.8	.029223
12.2	.003277	16.4	.008082	20.7	.016585	24.9	.029598
12.3	.003360	16.5	.008234	20.8	.016836	25.0	.029975
12.4	.003443			20.9	.017089		
12.5	.003529	16.6	.008388	21.0	.017345	25.1	.030357
		16.7	.008544			25.2	.030741
12.6	.003615	16.8	.008702	21.1	.017603	25.3	.031130
12.7	.003712	16.9	.008863	21.2	.017865	25.4	.031521
12.8	.003792	17.0	.009025	21.3	.018129	25.5	.031917
12.9	.003883			21.4	.018395		
13.0	.003975	17.1	.009189	21.5	.018665	25.6	.032315
		17.2	.009355			25.7	.032718

Deg	*Inv φ*	*Deg*	*Inv φ*	*Deg*	*Inv φ*	*Deg*	*Inv φ*
13.1	.004069	17.3	.009523	21.6	.018937	25.8	.033124
13.2	.004164	17.4	.009694	21.7	.019212	25.9	.033534
13.3	.004261	17.5	.009866	21.8	.019490	26.0	.033947
13.4	.004359			21.9	.019770		
13.5	.004459	17.6	.010041	22.0	.020054	26.1	.034364
		17.7	.010217			26.2	.034785
13.6	.004561	17.8	.010396	22.1	.020340	26.3	.035209
13.7	.004664	17.9	.010577	22.2	.020630	26.4	.035637
13.8	.004768	18.0	.010760	22.3	.020921	26.5	.036069
13.9	.004874			22.4	.021216		
14.0	.004982	18.1	.010946	22.5	.021514	26.6	.036505
		18.2	.011133			26.7	.036945
14.1	.005091	18.3	.011323	22.6	.021815	26.8	.037388
14.2	.005202	18.4	.011515	22.7	.022119	26.9	.037835
14.3	.005315	18.5	.011709	22.8	.022426	27.0	.038287
14.4	.005429			22.9	.022736		
14.5	.005545	18.6	.011906	23.0	.023049	27.1	.038696
		18.7	.012105			27.2	.039201
14.6	.005662	18.8	.012306	23.1	.023365	27.3	.039664
14.7	.005782	18.9	.012509	23.2	.023684	27.4	.040131
14.8	.005903	19.0	.012715	23.3	.024006	27.5	.040602
14.9	.006025			23.4	.024332		
15.0	.006150	19.1	.012923	23.5	.024660	27.6	.041076
		19.2	.013134			27.7	.041556
15.1	.006276	19.3	.013346	23.6	.024992	27.8	.042039
15.2	.006404	19.4	.013562	23.7	.025326	27.9	.042526
15.3	.006534	19.5	.013779	23.8	.025664	28.0	.043017
15.4	.006665			23.9	.026005		
15.5	.006799	19.6	.013999	24.0	.026350	28.1	.043513
		19.7	.014222			28.2	.044012
15.6	.006934	19.8	.014447	24.1	.026697	28.3	.044516
15.7	.007071	19.9	.014674	24.2	.027048	28.4	.045024
15.8	.007209	20.0	.014904	24.3	.027402	28.5	.045537
15.9	.007350			24.4	.027760		
16.0	.007493	20.1	.015137	24.5	.028121	28.6	.046054
		20.2	.015372			28.7	.046575
16.1	.007637	20.3	.015609	24.6	.028485	28.8	.047100
16.2	.007784	20.4	.015850	24.7	.028852	28.9	.047630
		20.5	.016092			29.0	.048164
29.1	.048702	33.1	.074188	37.1	.108777	41.1	.155025
29.2	.049245	33.2	.074932	37.2	.109779	41.2	.156358
29.3	.049792	33.3	.075683	37.3	.110788	41.3	.157700
29.4	.050344	33.4	.076439	37.4	.111805	41.4	.159052
29.5	.050901	33.5	.077200	73.5	.112828	41.5	.160414
29.6	.051462	33.6	.077968	37.6	.113860	41.6	.161785
29.7	.052027	33.7	.078741	37.7	.114899	41.7	.163165
29.8	.052597	33.8	.079520	37.8	.115945	41.8	.164556
29.9	.053172	33.9	.080305	37.9	.116999	41.9	.165956

Deg	*Inv φ*	*Deg*	*Inv φ*	*Deg*	*Inv φ*	*Deg*	*Inv φ*
30.0	.053751	34.0	.081097	38.0	.118060	42.0	.167366
30.1	.054336	34.1	.081974	38.1	.119130	42.1	.168786
30.2	.054924	34.2	.082697	38.2	.120207	42.2	.170216
30.3	.055519	34.3	.083506	38.3	.121291	42.3	.171656
30.4	.056116	34.4	.084321	38.4	.122384	42.4	.173106
30.5	.056720	34.5	.085142	38.5	.123484	42.5	.174566
30.6	.057267	34.6	.085970	38.6	.124592	42.6	.176037
30.7	.057940	34.7	.086804	38.7	.125709	42.7	.177518
30.8	.058558	34.8	.087644	38.8	.126833	42.8	.179009
30.9	.059181	34.9	.088490	38.9	.127965	42.9	.180511
31.0	.059809	35.0	.089342	39.0	.129106	43.0	.182023
31.1	.060441	35.1	.090201	39.1	.130254	43.1	.183546
31.2	.061079	35.2	.091066	39.2	.131411	43.2	.185080
31.3	.061721	35.3	.091938	39.3	.132576	43.3	.186625
31.4	.062369	35.4	.092816	39.4	.133749	43.4	.188180
31.5	.063022	35.5	.093701	39.5	.134931	43.5	.189746
31.6	.063680	35.6	.094592	39.6	.136122	43.6	.191324
31.7	.064343	35.7	.095490	39.7	.137320	43.7	.192912
31.8	.065012	35.8	.096395	39.8	.138528	43.8	.194511
31.9	.065685	35.9	.097306	39.9	.139743	43.9	.196122
32.0	.066364	36.0	.098224	40.0	.140968	44.0	.197744
32.1	.067048	36.1	.099149	40.1	.142201	44.1	.199377
32.2	.067738	36.2	.100080	40.2	.143443	44.2	.201022
32.3	.068432	36.3	.101019	40.3	.144694	44.3	.202678
32.4	.069133	36.4	.101964	40.4	.145954	44.4	.204346
32.5	.069838	36.5	.102916	40.5	.147222	44.5	.206026
32.6	.070549	36.6	.103875	40.6	.148500	44.6	.207717
32.7	.071266	36.7	.104841	40.7	.149787	44.7	.209420
32.8	.071988	36.8	.105814	40.8	.151082	44.8	.211135
32.9	.072716	36.9	.106795	40.9	.152387	44.9	.212863
33.0	.073449	37.0	.107782	41.0	.153702	45.0	.214602