

Size	T, mm Thickness	D, mm Diameter	E155,08KP, St12,DC01	E195,E235,01KP , St34-2, St37-2, S235JR	E275,Rst44-2	$H=(1+C)xT / (C+T/D)$					
			constant 0,1	constant 0,09	constant 0,07	constant value C			0,1	0,09	0,07
Minimal distance between the platen, <u>H</u>						percentage of the diameter, %					
φ10-0.5	0.5	10	3.667	3.869	3.855	0.1	0.09	0.07	63.33	61.3	61.4
φ12-0.5	0.5	12	3.882	4.112	4.096	0.1	0.09	0.07	67.65	65.7	65.9
φ13.5-0.5	0.5	13.5	4.014	4.261	4.244	0.1	0.09	0.07	70.27	68.4	68.6
φ14-0.5	0.5	14	4.053	4.305	4.288	0.1	0.09	0.07	71.05	69.2	69.4
φ15.7-0.5	0.5	15.7	4.171	4.441	4.422	0.1	0.09	0.07	73.43	71.7	71.8
φ16-0.5	0.5	16	4.190	4.462	4.444	0.1	0.09	0.07	73.81	72.1	72.2
φ19-0.5	0.5	19	4.354	4.650	4.630	0.1	0.09	0.07	77.08	75.5	75.6
φ10-0.6	0.6	10	4.125	4.335	4.321	0.1	0.09	0.07	58.75	56.6	56.8
φ12-0.6	0.6	12	4.400	4.643	4.626	0.1	0.09	0.07	63.33	61.3	61.4
φ14-0.6	0.6	14	4.620	4.891	4.872	0.1	0.09	0.07	67.00	65.1	65.2
φ15.7-0.6	0.6	15.7	4.775	5.066	5.046	0.1	0.09	0.07	69.59	67.7	67.9
φ16-0.6	0.6	16	4.800	5.094	5.074	0.1	0.09	0.07	70.00	68.2	68.3
φ19-0.6	0.6	19	5.016	5.341	5.318	0.1	0.09	0.07	73.60	71.9	72.0
φ20-0.6	0.6	20	5.077	5.410	5.387	0.1	0.09	0.07	74.62	72.9	73.1
φ21.8-0.6	0.6	21.8	5.176	5.523	5.499	0.1	0.09	0.07	76.26	74.7	74.8
φ12-0.67	0.67	12	4.729	4.978	4.961	0.1	0.09	0.07	60.59	58.5	58.7
φ14-0.67	0.67	14	4.985	5.264	5.245	0.1	0.09	0.07	64.40	62.4	62.5
φ10-0.7	0.7	10	4.529	4.744	4.729	0.1	0.09	0.07	54.71	52.6	52.7
φ12-0.7	0.7	12	4.863	5.114	5.097	0.1	0.09	0.07	59.47	57.4	57.5
φ14-0.7	0.7	14	5.133	5.417	5.397	0.1	0.09	0.07	63.33	61.3	61.4
φ15.7-0.7	0.7	15.7	5.326	5.633	5.612	0.1	0.09	0.07	66.08	64.1	64.3
φ16-0.7	0.7	16	5.357	5.668	5.646	0.1	0.09	0.07	66.52	64.6	64.7
φ18-0.7	0.7	18	5.544	5.880	5.857	0.1	0.09	0.07	69.20	67.3	67.5
φ19-0.7	0.7	19	5.627	5.974	5.950	0.1	0.09	0.07	70.38	68.6	68.7
φ21.3-0.7	0.7	21.3	5.795	6.166	6.140	0.1	0.09	0.07	72.79	71.1	71.2
φ22-0.7	0.7	22	5.841	6.219	6.192	0.1	0.09	0.07	73.45	71.7	71.9
φ25-0.7	0.7	25	6.016	6.418	6.390	0.1	0.09	0.07	75.94	74.3	74.4
φ10-0.8	0.8	10	4.889	5.104	5.090	0.1	0.09	0.07	51.11	49.0	49.1
φ12-0.8	0.8	12	5.280	5.536	5.518	0.1	0.09	0.07	56.00	53.9	54.0
φ13.25-0.8	0.8	13.25	5.487	5.766	5.747	0.1	0.09	0.07	58.59	56.5	56.6
φ14-0.8	0.8	14	5.600	5.892	5.872	0.1	0.09	0.07	60.00	57.9	58.1

φ15.7-0.8	0.8	15.7	5.830	6.149	6.127	0.1	0.09	0.07	62.87	60.8	61.0
φ16-0.8	0.8	16	5.867	6.190	6.168	0.1	0.09	0.07	63.33	61.3	61.4
φ18-0.8	0.8	18	6.092	6.444	6.420	0.1	0.09	0.07	66.15	64.2	64.3
φ18.3-0.8	0.8	18.3	6.123	6.479	6.455	0.1	0.09	0.07	66.54	64.6	64.7
φ19-0.8	0.8	19	6.193	6.558	6.532	0.1	0.09	0.07	67.41	65.5	65.6
φ20-0.8	0.8	20	6.286	6.663	6.637	0.1	0.09	0.07	68.57	66.7	66.8
φ21-0.8	0.8	21	6.372	6.761	6.734	0.1	0.09	0.07	69.66	67.8	67.9
φ21.1-0.8	0.8	21.1	6.381	6.771	6.744	0.1	0.09	0.07	69.76	67.9	68.0
φ21.3-0.8	0.8	21.3	6.397	6.789	6.762	0.1	0.09	0.07	69.97	68.1	68.3
φ22-0.8	0.8	22	6.453	6.853	6.826	0.1	0.09	0.07	70.67	68.8	69.0
φ25-0.8	0.8	25	6.667	7.096	7.067	0.1	0.09	0.07	73.33	71.6	71.7
φ25.4-0.8	0.8	25.4	6.692	7.126	7.095	0.1	0.09	0.07	73.65	71.9	72.1
φ28-0.8	0.8	28	6.844	7.300	7.268	0.1	0.09	0.07	75.56	73.9	74.0
φ30-0.8	0.8	30	6.947	7.418	7.385	0.1	0.09	0.07	76.84	75.3	75.4
φ32.0-0.8	0.8	32	7.040	7.525	7.491	0.1	0.09	0.07	78.00	76.5	76.6
φ10-0.9	0.9	10	5.211	5.425	5.410	0.1	0.09	0.07	47.89	45.7	45.9
φ12-0.9	0.9	12	5.657	5.915	5.898	0.1	0.09	0.07	52.86	50.7	50.9
φ14-0.9	0.9	14	6.026	6.323	6.303	0.1	0.09	0.07	56.96	54.8	55.0
φ15.7-0.9	0.9	15.7	6.293	6.620	6.598	0.1	0.09	0.07	59.92	57.8	58.0
φ15.85-0.9	0.9	15.85	6.314	6.645	6.622	0.1	0.09	0.07	60.16	58.1	58.2
φ16-0.9	0.9	16	6.336	6.669	6.646	0.1	0.09	0.07	60.40	58.3	58.5
φ18-0.9	0.9	18	6.600	6.964	6.939	0.1	0.09	0.07	63.33	61.3	61.4
φ19-0.9	0.9	19	6.718	7.097	7.071	0.1	0.09	0.07	64.64	62.6	62.8
φ19.85-0.9	0.9	19.85	6.812	7.202	7.175	0.1	0.09	0.07	65.68	63.7	63.9
φ20-0.9	0.9	20	6.828	7.220	7.193	0.1	0.09	0.07	65.86	63.9	64.0
φ21.1-0.9	0.9	21.1	6.940	7.347	7.319	0.1	0.09	0.07	67.11	65.2	65.3
φ21.3-0.9	0.9	21.3	6.959	7.369	7.341	0.1	0.09	0.07	67.33	65.4	65.5
φ22-0.9	0.9	22	7.026	7.444	7.415	0.1	0.09	0.07	68.06	66.2	66.3
φ25-0.9	0.9	25	7.279	7.732	7.701	0.1	0.09	0.07	70.88	69.1	69.2
φ26-0.9	0.9	26	7.354	7.817	7.785	0.1	0.09	0.07	71.71	69.9	70.1
φ27-0.9	0.9	27	7.425	7.898	7.865	0.1	0.09	0.07	72.50	70.7	70.9
φ28-0.9	0.9	28	7.492	7.974	7.941	0.1	0.09	0.07	73.24	71.5	71.6
φ28.58-0.9	0.9	28.6	7.530	8.018	7.984	0.1	0.09	0.07	73.67	72.0	72.1
φ30-0.9	0.9	30	7.615	8.115	8.081	0.1	0.09	0.07	74.62	72.9	73.1
φ32-0.9	0.9	32	7.727	8.243	8.207	0.1	0.09	0.07	75.85	74.2	74.4
φ40-0.9	0.9	40	8.082	8.652	8.612	0.1	0.09	0.07	79.80	78.4	78.5

φ50-0.9	0.9	50	8.390	9.009	8.966	0.1	0.09	0.07	83.22	82.0	82.1
φ10-1.0	1	10	5.500	5.712	5.698	0.1	0.09	0.07	45.00	42.9	43.0
φ12-1.0	1	12	6.000	6.258	6.241	0.1	0.09	0.07	50.00	47.8	48.0
φ13.2-1.0	1	13.2	6.259	6.543	6.523	0.1	0.09	0.07	52.59	50.4	50.6
φ13.25-1.0	1	13.25	6.269	6.554	6.534	0.1	0.09	0.07	52.69	50.5	50.7
φ14-1.0	1	14	6.417	6.717	6.697	0.1	0.09	0.07	54.17	52.0	52.2
φ15.7-1.0	1	15.7	6.720	7.053	7.030	0.1	0.09	0.07	57.20	55.1	55.2
φ15.85-1.0	1	15.85	6.745	7.081	7.058	0.1	0.09	0.07	57.45	55.3	55.5
φ16-1.0	1	16	6.769	7.108	7.085	0.1	0.09	0.07	57.69	55.6	55.7
φ18-1.0	1	18	7.071	7.445	7.419	0.1	0.09	0.07	60.71	58.6	58.8
φ18.3-1.0	1	18.3	7.113	7.491	7.465	0.1	0.09	0.07	61.13	59.1	59.2
φ19-1.0	1	19	7.207	7.596	7.569	0.1	0.09	0.07	62.07	60.0	60.2
φ19.85-1.0	1	19.85	7.315	7.717	7.690	0.1	0.09	0.07	63.15	61.1	61.3
φ20-1.0	1	20	7.333	7.738	7.710	0.1	0.09	0.07	63.33	61.3	61.4
φ21-1.0	1	21	7.452	7.871	7.842	0.1	0.09	0.07	64.52	62.5	62.7
φ21.3-1.0	1	21.3	7.486	7.909	7.880	0.1	0.09	0.07	64.86	62.9	63.0
φ22-1.0	1	22	7.563	7.996	7.966	0.1	0.09	0.07	65.63	63.7	63.8
φ25-1.0	1	25	7.857	8.329	8.296	0.1	0.09	0.07	68.57	66.7	66.8
φ26-1.0	1	26	7.944	8.428	8.394	0.1	0.09	0.07	69.44	67.6	67.7
φ28-1.0	1	28	8.105	8.610	8.575	0.1	0.09	0.07	71.05	69.2	69.4
φ30-1.0	1	30	8.250	8.775	8.739	0.1	0.09	0.07	72.50	70.7	70.9
φ32-1.0	1	32	8.381	8.925	8.887	0.1	0.09	0.07	73.81	72.1	72.2
φ34.4-1.0	1	34.4	8.523	9.087	9.048	0.1	0.09	0.07	75.23	73.6	73.7
φ35-1.0	1	35	8.556	9.125	9.085	0.1	0.09	0.07	75.56	73.9	74.0
φ38-1.0	1	38	8.708	9.300	9.259	0.1	0.09	0.07	77.08	75.5	75.6
φ40-1.0	1	40	8.800	9.406	9.364	0.1	0.09	0.07	78.00	76.5	76.6
φ42.4-1.0	1	42.4	8.901	9.522	9.479	0.1	0.09	0.07	79.01	77.5	77.6
φ45-1.0	1	45	9.000	9.637	9.592	0.1	0.09	0.07	80.00	78.6	78.7
φ47-1.0	1	47	9.070	9.718	9.673	0.1	0.09	0.07	80.70	79.3	79.4
φ50-1.0	1	50	9.167	9.829	9.783	0.1	0.09	0.07	81.67	80.3	80.4
φ51-1.0	1	51	9.197	9.864	9.818	0.1	0.09	0.07	81.97	80.7	80.7
φ52.4-1.0	1	52.4	9.237	9.911	9.864	0.1	0.09	0.07	82.37	81.1	81.2
φ60-1.0	1	60	9.429	10.134	10.084	0.1	0.09	0.07	84.29	83.1	83.2
φ65.4-1.0	1	65.4	9.541	10.265	10.214	0.1	0.09	0.07	85.41	84.3	84.4
φ12-1.1	1.1	12	6.313	6.570	6.553	0.1	0.09	0.07	47.39	45.2	45.4
φ16-1.1	1.1	16	7.170	7.513	7.489	0.1	0.09	0.07	55.19	53.0	53.2

φ20-1.1	1.1	20	7.806	8.220	8.192	0.1	0.09	0.07	60.97	58.9	59.0
φ21.3-1.1	1.1	21.3	7.979	8.414	8.384	0.1	0.09	0.07	62.54	60.5	60.6
φ22-1.1	1.1	22	8.067	8.512	8.481	0.1	0.09	0.07	63.33	61.3	61.4
φ24.85-1.1	1.1	24.85	8.387	8.873	8.839	0.1	0.09	0.07	66.25	64.3	64.4
φ25-1.1	1.1	25	8.403	8.890	8.856	0.1	0.09	0.07	66.39	64.4	64.6
φ31.8-1.1	1.1	31.8	8.990	9.556	9.517	0.1	0.09	0.07	71.73	69.9	70.1
φ38-1.1	1.1	38	9.384	10.006	9.963	0.1	0.09	0.07	75.31	73.7	73.8
φ39.8-1.1	1.1	39.8	9.480	10.116	10.072	0.1	0.09	0.07	76.18	74.6	74.7
φ49.8-1.1	1.1	49.8	9.911	10.613	10.564	0.1	0.09	0.07	80.10	78.7	78.8
φ50-1.1	1.1	50	9.918	10.621	10.572	0.1	0.09	0.07	80.16	78.8	78.9
φ60-1.1	1.1	60	10.225	10.977	10.925	0.1	0.09	0.07	82.96	81.7	81.8
φ62.8-1.1	1.1	62.8	10.296	11.060	11.007	0.1	0.09	0.07	83.60	82.4	82.5
φ25-1.14	1.14	25	8.613	9.105	9.071	0.1	0.09	0.07	65.55	63.6	63.7
φ12-1.2	1.2	12	6.600	6.855	6.837	0.1	0.09	0.07	45.00	42.9	43.0
φ14-1.2	1.2	14	7.108	7.409	7.388	0.1	0.09	0.07	49.23	47.1	47.2
φ16-1.2	1.2	16	7.543	7.887	7.864	0.1	0.09	0.07	52.86	50.7	50.9
φ18-1.2	1.2	18	7.920	8.304	8.278	0.1	0.09	0.07	56.00	53.9	54.0
φ19-1.2	1.2	19	8.090	8.493	8.465	0.1	0.09	0.07	57.42	55.3	55.4
φ20-1.2	1.2	20	8.250	8.671	8.642	0.1	0.09	0.07	58.75	56.6	56.8
φ20.3-1.2	1.2	20.3	8.296	8.722	8.693	0.1	0.09	0.07	59.13	57.0	57.2
φ21.1-1.2	1.2	21.1	8.415	8.854	8.824	0.1	0.09	0.07	60.12	58.0	58.2
φ21.3-1.2	1.2	21.3	8.443	8.886	8.856	0.1	0.09	0.07	60.36	58.3	58.4
φ22-1.2	1.2	22	8.541	8.996	8.964	0.1	0.09	0.07	61.18	59.1	59.3
φ22.4-1.2	1.2	22.4	8.595	9.056	9.025	0.1	0.09	0.07	61.63	59.6	59.7
φ24-1.2	1.2	24	8.800	9.286	9.252	0.1	0.09	0.07	63.33	61.3	61.4
φ28.6-1.2	1.2	24.6	8.872	9.367	9.333	0.1	0.09	0.07	63.93	61.9	62.1
φ24.85-1.2	1.2	24.85	8.901	9.400	9.365	0.1	0.09	0.07	64.18	62.2	62.3
φ25-1.2	1.2	25	8.919	9.419	9.385	0.1	0.09	0.07	64.32	62.3	62.5
φ25.4-1.2	1.2	25.4	8.965	9.471	9.436	0.1	0.09	0.07	64.71	62.7	62.9
φ26-1.2	1.2	26	9.032	9.546	9.511	0.1	0.09	0.07	65.26	63.3	63.4
φ26.9-1.2	1.2	26.9	9.128	9.655	9.618	0.1	0.09	0.07	66.07	64.1	64.2
φ28-1.2	1.2	28	9.240	9.781	9.744	0.1	0.09	0.07	67.00	65.1	65.2
φ28.6-1.2	1.2	28.6	9.299	9.847	9.809	0.1	0.09	0.07	67.49	65.6	65.7
φ30-1.2	1.2	30	9.429	9.994	9.955	0.1	0.09	0.07	68.57	66.7	66.8
φ31.8-1.2	1.2	31.8	9.584	10.170	10.130	0.1	0.09	0.07	69.86	68.0	68.1
φ32-1.2	1.2	32	9.600	10.189	10.148	0.1	0.09	0.07	70.00	68.2	68.3

φ34.4-1.2	1.2	34.4	9.786	10.401	10.358	0.1	0.09	0.07	71.55	69.8	69.9
φ35-1.2	1.2	35	9.830	10.450	10.407	0.1	0.09	0.07	71.91	70.1	70.3
φ38-1.2	1.2	38	10.032	10.681	10.636	0.1	0.09	0.07	73.60	71.9	72.0
φ39.8-1.2	1.2	39.8	10.142	10.807	10.761	0.1	0.09	0.07	74.52	72.8	73.0
φ40-1.2	1.2	40	10.154	10.820	10.774	0.1	0.09	0.07	74.62	72.9	73.1
φ49.8-1.2	1.2	49.8	10.637	11.376	11.324	0.1	0.09	0.07	78.64	77.2	77.3
φ51-1.2	1.2	51	10.686	11.432	11.380	0.1	0.09	0.07	79.05	77.6	77.7
φ52.4-1.2	1.2	52.4	10.740	11.495	11.442	0.1	0.09	0.07	79.50	78.1	78.2
φ59.2-1.2	1.2	59.2	10.975	11.767	11.711	0.1	0.09	0.07	81.46	80.1	80.2
φ60-1.2	1.2	60	11.000	11.795	11.740	0.1	0.09	0.07	81.67	80.3	80.4
φ62.8-1.2	1.2	62.8	11.082	11.891	11.834	0.1	0.09	0.07	82.35	81.1	81.2
φ65.4-1.2	1.2	65.4	11.153	11.974	11.916	0.1	0.09	0.07	82.95	81.7	81.8
φ80-1.2	1.2	80	11.478	12.352	12.291	0.1	0.09	0.07	85.65	84.6	84.6
φ12-1.3	1.3	12	6.864	7.115	7.098	0.1	0.09	0.07	42.80	40.7	40.8
φ20-1.3	1.3	20	8.667	9.092	9.063	0.1	0.09	0.07	56.67	54.5	54.7
φ21.3-1.3	1.3	21.3	8.880	9.329	9.299	0.1	0.09	0.07	58.31	56.2	56.3
φ24-1.3	1.3	24	9.276	9.771	9.737	0.1	0.09	0.07	61.35	59.3	59.4
φ25-1.3	1.3	25	9.408	9.919	9.884	0.1	0.09	0.07	62.37	60.3	60.5
φ28-1.3	1.3	28	9.766	10.321	10.283	0.1	0.09	0.07	65.12	63.1	63.3
φ19.1-1.4	1.4	19.1	8.886	9.297	9.269	0.1	0.09	0.07	53.47	51.3	51.5
φ19.85-1.4	1.4	19.85	9.031	9.456	9.427	0.1	0.09	0.07	54.51	52.4	52.5
φ20-1.4	1.4	20	9.059	9.487	9.458	0.1	0.09	0.07	54.71	52.6	52.7
φ21.3-1.4	1.4	21.3	9.292	9.746	9.715	0.1	0.09	0.07	56.37	54.2	54.4
φ22-1.4	1.4	22	9.411	9.878	9.846	0.1	0.09	0.07	57.22	55.1	55.2
φ24-1.4	1.4	24	9.726	10.229	10.194	0.1	0.09	0.07	59.47	57.4	57.5
φ24.85-1.4	1.4	24.85	9.850	10.367	10.332	0.1	0.09	0.07	60.36	58.3	58.4
φ25-1.4	1.4	25	9.872	10.391	10.355	0.1	0.09	0.07	60.51	58.4	58.6
φ26.7-1.4	1.4	26.7	10.103	10.649	10.612	0.1	0.09	0.07	62.16	60.1	60.3
φ26.9-1.4	1.4	26.9	10.129	10.678	10.641	0.1	0.09	0.07	62.35	60.3	60.4
φ27-1.4	1.4	27	10.141	10.693	10.655	0.1	0.09	0.07	62.44	60.4	60.5
φ28-1.4	1.4	28	10.267	10.833	10.794	0.1	0.09	0.07	63.33	61.3	61.4
φ30-1.4	1.4	30	10.500	11.095	11.054	0.1	0.09	0.07	65.00	63.0	63.2
φ31.8-1.4	1.4	31.8	10.693	11.313	11.270	0.1	0.09	0.07	66.38	64.4	64.6
φ31.85-1.4	1.4	31.85	10.698	11.318	11.276	0.1	0.09	0.07	66.41	64.5	64.6
φ32-1.4	1.4	32	10.713	11.336	11.293	0.1	0.09	0.07	66.52	64.6	64.7
φ33.5-1.4	1.4	33.5	10.861	11.503	11.459	0.1	0.09	0.07	67.58	65.7	65.8

φ35-1.4	1.4	35	11.000	11.660	11.615	0.1	0.09	0.07	68.57	66.7	66.8
φ37-1.4	1.4	37	11.173	11.856	11.809	0.1	0.09	0.07	69.80	68.0	68.1
φ38-1.4	1.4	38	11.254	11.948	11.900	0.1	0.09	0.07	70.38	68.6	68.7
φ39.8-1.4	1.4	39.8	11.393	12.106	12.057	0.1	0.09	0.07	71.38	69.6	69.7
φ40-1.4	1.4	40	11.407	12.123	12.073	0.1	0.09	0.07	71.48	69.7	69.8
φ42-1.4	1.4	42	11.550	12.285	12.234	0.1	0.09	0.07	72.50	70.7	70.9
φ42.4-1.4	1.4	42.4	11.577	12.317	12.265	0.1	0.09	0.07	72.70	71.0	71.1
φ45-1.4	1.4	45	11.746	12.509	12.456	0.1	0.09	0.07	73.90	72.2	72.3
φ47-1.4	1.4	47	11.866	12.646	12.592	0.1	0.09	0.07	74.75	73.1	73.2
φ48.3-1.4	1.4	48.3	11.939	12.731	12.676	0.1	0.09	0.07	75.28	73.6	73.8
φ49.8-1.4	1.4	49.8	12.021	12.824	12.768	0.1	0.09	0.07	75.86	74.2	74.4
φ50-1.4	1.4	50	12.031	12.836	12.780	0.1	0.09	0.07	75.94	74.3	74.4
φ51-1.4	1.4	51	12.083	12.896	12.839	0.1	0.09	0.07	76.31	74.7	74.8
φ60-1.4	1.4	60	12.486	13.360	13.299	0.1	0.09	0.07	79.19	77.7	77.8
φ76.1-1.4	1.4	76.1	13.007	13.963	13.896	0.1	0.09	0.07	82.91	81.7	81.7
φ80-1.4	1.4	80	13.106	14.078	14.010	0.1	0.09	0.07	83.62	82.4	82.5
φ12-1.5	1.5	12	7.333	7.577	7.560	0.1	0.09	0.07	38.89	36.9	37.0
φ13.3-1.5	1.5	13.3	7.754	8.031	8.012	0.1	0.09	0.07	41.70	39.6	39.8
φ14-1.5	1.5	14	7.966	8.259	8.240	0.1	0.09	0.07	43.10	41.0	41.1
φ15.85-1.5	1.5	15.85	8.477	8.816	8.793	0.1	0.09	0.07	46.52	44.4	44.5
φ16-1.5	1.5	16	8.516	8.858	8.835	0.1	0.09	0.07	46.77	44.6	44.8
φ17.2-1.5	1.5	17.2	8.814	9.183	9.158	0.1	0.09	0.07	48.76	46.6	46.8
φ18-1.5	1.5	18	9.000	9.388	9.361	0.1	0.09	0.07	50.00	47.8	48.0
φ19-1.5	1.5	19	9.221	9.630	9.602	0.1	0.09	0.07	51.47	49.3	49.5
φ19.05-1.5	1.5	19.05	9.231	9.642	9.614	0.1	0.09	0.07	51.54	49.4	49.5
φ19.1-1.5	1.5	19.1	9.242	9.653	9.625	0.1	0.09	0.07	51.61	49.5	49.6
φ19.85-1.5	1.5	19.85	9.398	9.825	9.796	0.1	0.09	0.07	52.65	50.5	50.6
φ20-1.5	1.5	20	9.429	9.859	9.830	0.1	0.09	0.07	52.86	50.7	50.9
φ21-1.5	1.5	21	9.625	10.076	10.045	0.1	0.09	0.07	54.17	52.0	52.2
φ21.3-1.5	1.5	21.3	9.682	10.138	10.107	0.1	0.09	0.07	54.55	52.4	52.5
φ22-1.5	1.5	22	9.811	10.281	10.249	0.1	0.09	0.07	55.41	53.3	53.4
φ24-1.5	1.5	24	10.154	10.662	10.627	0.1	0.09	0.07	57.69	55.6	55.7
φ24.85-1.5	1.5	24.85	10.289	10.812	10.776	0.1	0.09	0.07	58.59	56.5	56.6
φ25-1.5	1.5	25	10.313	10.838	10.802	0.1	0.09	0.07	58.75	56.6	56.8
φ25.4-1.5	1.5	25.4	10.374	10.907	10.870	0.1	0.09	0.07	59.16	57.1	57.2
φ26-1.5	1.5	26	10.463	11.006	10.969	0.1	0.09	0.07	59.76	57.7	57.8

φ26.7-1.5	1.5	26.7	10.565	11.120	11.082	0.1	0.09	0.07	60.43	58.4	58.5
φ26.9-1.5	1.5	26.9	10.593	11.151	11.113	0.1	0.09	0.07	60.62	58.5	58.7
φ28-1.5	1.5	28	10.744	11.320	11.281	0.1	0.09	0.07	61.63	59.6	59.7
φ30-1.5	1.5	30	11.000	11.607	11.565	0.1	0.09	0.07	63.33	61.3	61.4
φ31.85-1.5	1.5	31.85	11.217	11.851	11.807	0.1	0.09	0.07	64.78	62.8	62.9
φ32-1.5	1.5	32	11.234	11.870	11.826	0.1	0.09	0.07	64.89	62.9	63.0
φ33.5-1.5	1.5	33.5	11.397	12.054	12.008	0.1	0.09	0.07	65.98	64.0	64.2
φ33.7-1.5	1.5	33.7	11.418	12.077	12.032	0.1	0.09	0.07	66.12	64.2	64.3
φ34-1.5	1.5	34	11.449	12.112	12.067	0.1	0.09	0.07	66.33	64.4	64.5
φ35-1.5	1.5	35	11.550	12.226	12.180	0.1	0.09	0.07	67.00	65.1	65.2
φ37-1.5	1.5	37	11.740	12.442	12.393	0.1	0.09	0.07	68.27	66.4	66.5
φ38-1.5	1.5	38	11.830	12.543	12.494	0.1	0.09	0.07	68.87	67.0	67.1
φ39.8-1.5	1.5	39.8	11.984	12.717	12.667	0.1	0.09	0.07	69.89	68.0	68.2
φ40-1.5	1.5	40	12.000	12.736	12.685	0.1	0.09	0.07	70.00	68.2	68.3
φ42-1.5	1.5	42	12.158	12.916	12.863	0.1	0.09	0.07	71.05	69.2	69.4
φ42.4-1.5	1.5	42.4	12.188	12.950	12.897	0.1	0.09	0.07	71.25	69.5	69.6
φ45-1.5	1.5	45	12.375	13.163	13.108	0.1	0.09	0.07	72.50	70.7	70.9
φ47-1.5	1.5	47	12.508	13.315	13.259	0.1	0.09	0.07	73.39	71.7	71.8
φ48-1.5	1.5	48	12.571	13.387	13.331	0.1	0.09	0.07	73.81	72.1	72.2
φ48.3-1.5	1.5	48.3	12.590	13.409	13.352	0.1	0.09	0.07	73.93	72.2	72.4
φ49.8-1.5	1.5	49.8	12.681	13.512	13.454	0.1	0.09	0.07	74.54	72.9	73.0
φ50-1.5	1.5	50	12.692	13.526	13.468	0.1	0.09	0.07	74.62	72.9	73.1
φ51-1.5	1.5	51	12.750	13.592	13.533	0.1	0.09	0.07	75.00	73.3	73.5
φ52.4-1.5	1.5	52.4	12.828	13.681	13.622	0.1	0.09	0.07	75.52	73.9	74.0
φ54-1.5	1.5	54	12.913	13.779	13.719	0.1	0.09	0.07	76.09	74.5	74.6
φ59.2-1.5	1.5	59.2	13.164	14.068	14.005	0.1	0.09	0.07	77.76	76.2	76.3
φ60-1.5	1.5	60	13.200	14.109	14.045	0.1	0.09	0.07	78.00	76.5	76.6
φ62.8-1.5	1.5	62.8	13.319	14.246	14.181	0.1	0.09	0.07	78.79	77.3	77.4
φ63.5-1.5	1.5	63.5	13.347	14.278	14.213	0.1	0.09	0.07	78.98	77.5	77.6
φ65-1.5	1.5	65	13.406	14.347	14.281	0.1	0.09	0.07	79.38	77.9	78.0
φ65.4-1.5	1.5	65.4	13.422	14.364	14.299	0.1	0.09	0.07	79.48	78.0	78.1
φ76.1-1.5	1.5	76.1	13.783	14.783	14.713	0.1	0.09	0.07	81.89	80.6	80.7
φ76.2-1.5	1.5	76.2	13.786	14.786	14.716	0.1	0.09	0.07	81.91	80.6	80.7
φ76.5-1.5	1.5	76.2	13.786	14.786	14.716	0.1	0.09	0.07	81.91	80.6	80.7
φ80-1.5	1.5	80	13.895	14.912	14.841	0.1	0.09	0.07	82.63	81.4	81.4
φ20-1.6	1.6	20	9.778	10.209	10.179	0.1	0.09	0.07	51.11	49.0	49.1

φ12-1.8	1.8	12	7.920	8.149	8.133	0.1	0.09	0.07	34.00	32.1	32.2
φ14-1.8	1.8	14	8.663	8.944	8.925	0.1	0.09	0.07	38.13	36.1	36.2
φ16-1.8	1.8	16	9.318	9.650	9.628	0.1	0.09	0.07	41.76	39.7	39.8
φ18-1.8	1.8	18	9.900	10.282	10.256	0.1	0.09	0.07	45.00	42.9	43.0
φ20-1.8	1.8	20	10.421	10.850	10.821	0.1	0.09	0.07	47.89	45.7	45.9
φ21.3-1.8	1.8	21.3	10.731	11.190	11.159	0.1	0.09	0.07	49.62	47.5	47.6
φ22-1.8	1.8	22	10.890	11.364	11.332	0.1	0.09	0.07	50.50	48.3	48.5
φ24-1.8	1.8	24	11.314	11.831	11.795	0.1	0.09	0.07	52.86	50.7	50.9
φ25-1.8	1.8	25	11.512	12.048	12.012	0.1	0.09	0.07	53.95	51.8	52.0
φ26-1.8	1.8	26	11.700	12.257	12.219	0.1	0.09	0.07	55.00	52.9	53.0
φ26.7-1.8	1.8	26.7	11.827	12.397	12.358	0.1	0.09	0.07	55.70	53.6	53.7
φ26.9-1.8	1.8	26.9	11.862	12.436	12.397	0.1	0.09	0.07	55.90	53.8	53.9
φ28-1.8	1.8	28	12.052	12.647	12.606	0.1	0.09	0.07	56.96	54.8	55.0
φ28.58-1.8	1.8	28.58	12.149	12.754	12.713	0.1	0.09	0.07	57.49	55.4	55.5
φ30-1.8	1.8	30	12.375	13.006	12.963	0.1	0.09	0.07	58.75	56.6	56.8
φ32-1.8	1.8	32	12.672	13.337	13.292	0.1	0.09	0.07	60.40	58.3	58.5
φ33.5-1.8	1.8	33.5	12.880	13.569	13.522	0.1	0.09	0.07	61.55	59.5	59.6
φ33.7-1.8	1.8	33.7	12.906	13.599	13.552	0.1	0.09	0.07	61.70	59.6	59.8
φ34-1.8	1.8	34	12.946	13.644	13.596	0.1	0.09	0.07	61.92	59.9	60.0
φ35-1.8	1.8	35	13.075	13.789	13.740	0.1	0.09	0.07	62.64	60.6	60.7
φ40-1.8	1.8	40	13.655	14.440	14.386	0.1	0.09	0.07	65.86	63.9	64.0
φ42-1.8	1.8	42	13.860	14.672	14.616	0.1	0.09	0.07	67.00	65.1	65.2
φ42.25-1.8	1.8	42.25	13.885	14.700	14.643	0.1	0.09	0.07	67.14	65.2	65.3
φ42.4-1.8	1.8	42.4	13.899	14.716	14.660	0.1	0.09	0.07	67.22	65.3	65.4
φ47-1.8	1.8	47	14.317	15.189	15.129	0.1	0.09	0.07	69.54	67.7	67.8
φ48.3-1.8	1.8	48.3	14.424	15.311	15.250	0.1	0.09	0.07	70.14	68.3	68.4
φ50-1.8	1.8	50	14.559	15.464	15.401	0.1	0.09	0.07	70.88	69.1	69.2
φ51-1.8	1.8	51	14.635	15.550	15.487	0.1	0.09	0.07	71.30	69.5	69.6
φ54-1.8	1.8	54	14.850	15.796	15.730	0.1	0.09	0.07	72.50	70.7	70.9
φ59.2-1.8	1.8	59.2	15.183	16.177	16.108	0.1	0.09	0.07	74.35	72.7	72.8
φ60.3-1.8	1.8	60.3	15.248	16.251	16.181	0.1	0.09	0.07	74.71	73.1	73.2
φ62.8-1.8	1.8	62.8	15.389	16.412	16.341	0.1	0.09	0.07	75.50	73.9	74.0
φ76.1-1.8	1.8	76.1	16.013	17.129	17.051	0.1	0.09	0.07	78.96	77.5	77.6
φ76.2-1.8	1.8	76.2	16.017	17.134	17.056	0.1	0.09	0.07	78.98	77.5	77.6
φ32-1.9	1.9	32	13.114	13.786	13.739	0.1	0.09	0.07	59.02	56.9	57.1
φ14-2.0	2	14	9.059	9.331	9.312	0.1	0.09	0.07	35.29	33.4	33.5

φ16-2.0	2	16	9.778	10.102	10.080	0.1	0.09	0.07	38.89	36.9	37.0
φ17.5-2.0	2	17.5	10.267	10.629	10.605	0.1	0.09	0.07	41.33	39.3	39.4
φ18-2.0	2	18	10.421	10.796	10.771	0.1	0.09	0.07	42.11	40.0	40.2
φ19-2.0	2	19	10.718	11.118	11.091	0.1	0.09	0.07	43.59	41.5	41.6
φ20-2.0	2	20	11.000	11.424	11.396	0.1	0.09	0.07	45.00	42.9	43.0
φ21.3-2.0	2	21.3	11.346	11.802	11.771	0.1	0.09	0.07	46.73	44.6	44.7
φ22-2.0	2	22	11.524	11.995	11.963	0.1	0.09	0.07	47.62	45.5	45.6
φ22.4-2.0	2	22.4	11.623	12.103	12.071	0.1	0.09	0.07	48.11	46.0	46.1
φ24-2.0	2	24	12.000	12.517	12.482	0.1	0.09	0.07	50.00	47.8	48.0
φ25-2.0	2	25	12.222	12.761	12.724	0.1	0.09	0.07	51.11	49.0	49.1
φ26-2.0	2	26	12.435	12.995	12.956	0.1	0.09	0.07	52.17	50.0	50.2
φ26.7-2.0	2	26.7	12.578	13.153	13.113	0.1	0.09	0.07	52.89	50.7	50.9
φ26.9-2.0	2	26.9	12.618	13.197	13.157	0.1	0.09	0.07	53.09	50.9	51.1
φ28-2.0	2	28	12.833	13.434	13.393	0.1	0.09	0.07	54.17	52.0	52.2
φ30-2.0	2	30	13.200	13.840	13.796	0.1	0.09	0.07	56.00	53.9	54.0
φ32-2.0	2	32	13.538	14.216	14.169	0.1	0.09	0.07	57.69	55.6	55.7
φ33.5-2.0	2	33.5	13.776	14.480	14.431	0.1	0.09	0.07	58.88	56.8	56.9
φ33.7-2.0	2	33.7	13.806	14.514	14.465	0.1	0.09	0.07	59.03	56.9	57.1
φ34-2.0	2	34	13.852	14.564	14.516	0.1	0.09	0.07	59.26	57.2	57.3
φ35-2.0	2	35	14.000	14.730	14.680	0.1	0.09	0.07	60.00	57.9	58.1
φ37-2.0	2	37	14.281	15.043	14.991	0.1	0.09	0.07	61.40	59.3	59.5
φ38-2.0	2	38	14.414	15.192	15.139	0.1	0.09	0.07	62.07	60.0	60.2
φ40-2.0	2	40	14.667	15.476	15.420	0.1	0.09	0.07	63.33	61.3	61.4
φ42-2.0	2	42	14.903	15.742	15.684	0.1	0.09	0.07	64.52	62.5	62.7
φ42.4-2.0	2	42.4	14.949	15.793	15.735	0.1	0.09	0.07	64.74	62.8	62.9
φ44-2.0	2	44	15.125	15.992	15.932	0.1	0.09	0.07	65.63	63.7	63.8
φ45-2.0	2	45	15.231	16.111	16.050	0.1	0.09	0.07	66.15	64.2	64.3
φ47-2.0	2	47	15.433	16.339	16.276	0.1	0.09	0.07	67.16	65.2	65.4
φ48.3-2.0	2	48	15.529	16.448	16.385	0.1	0.09	0.07	67.65	65.7	65.9
φ50-2	2	50	15.714	16.657	16.592	0.1	0.09	0.07	68.57	66.7	66.8
φ51-2.0	2	51	15.803	16.758	16.692	0.1	0.09	0.07	69.01	67.1	67.3
φ52.4-2.0	2	52.4	15.923	16.894	16.827	0.1	0.09	0.07	69.61	67.8	67.9
φ54-2.0	2	54	16.054	17.043	16.975	0.1	0.09	0.07	70.27	68.4	68.6
φ58-2.0	2	58	16.359	17.390	17.318	0.1	0.09	0.07	71.79	70.0	70.1
φ60-2.0	2	60	16.500	17.551	17.478	0.1	0.09	0.07	72.50	70.7	70.9
φ65.4-2.0	2	65.4	16.848	17.948	17.872	0.1	0.09	0.07	74.24	72.6	72.7

φ76.1-2.0	2	76.1	17.421	18.606	18.524	0.1	0.09	0.07	77.11	75.6	75.7
φ80-2.0	2	80	17.600	18.812	18.727	0.1	0.09	0.07	78.00	76.5	76.6