

HMMG9(901/910/912/913/920/921)

d (mm)	D1	D2	D6	D7	D14	D16	L1	L1 k	L1 N	L1 S	L5	L6	L17	L28	L29
10	19.6	13.0	17	21	11.0	24.60	53.0	6.6	40	34.0	1.5	4	7.5	6.6	9.0
12	21.6	15.0	19	23	13.5	27.80	53.0	6.6	40	34.0	1.5	4	7.5	6.6	9.0
14	24.0	18.0	21	25	17.0	30.95	54.5	35.0	40	35.5	1.5	4	9.0	6.6	10.5
15	25.0	19.0	*	*	17.0	30.95	54.5	*	*	35.5	*	*	9.0	*	10.5
16	26.5	20.0	23	27	17.0	30.95	54.5	35.0	40	35.5	1.5	4	9.0	6.6	10.5
18	29.0	22.0	27	33	20.0	34.15	54.5	35.0	40	35.5	2.0	5	9.0	7.5	10.5
20	31.5	24.5	29	35	21.5	35.70	54.5	35.0	40	35.5	2.0	5	9.0	7.5	10.5
22	33.0	27.0	31	37	23.0	37.30	54.5	35.0	40	35.5	2.0	5	9.0	7.5	10.5
24	37.0	29.0	33	39	26.5	40.50	54.5	40.0	50	35.5	2.0	5	9.0	7.5	10.5
25	38.0	30.0	34	40	26.5	40.50	54.5	40.0	50	35.5	2.0	5	9.0	7.5	10.5
28	41.0	34.0	37	43	29.5	47.65	72.0	42.5	50	45.0	2.0	5	10.5	7.5	12.0
30	43.0	36.0	39	45	32.5	50.80	72.0	42.5	50	45.0	2.0	5	10.5	7.5	12.0
32	45.0	38.0	42	48	32.5	50.80	72.0	42.5	55	45.0	2.0	5	10.5	7.5	12.0
33	46.0	39.0	42	48	36.5	54.00	72.0	42.5	55	45.0	2.0	5	10.5	7.5	12.0
35	48.0	41.0	44	50	36.5	54.00	72.0	42.5	55	45.0	2.0	5	10.5	7.5	12.0
38	52.5	44.5	49	56	39.5	57.15	72.0	45.0	55	45.0	2.0	6	10.5	9.0	12.0
40	55.5	47.5	51	58	42.5	60.35	72.0	45.0	55	45.0	2.0	6	10.5	9.0	12.0
43	58.5	50.5	54	61	46.0	63.50	83.0	45.0	60	53.0	2.0	6	10.5	9.0	12.0
45	60.5	52.5	56	63	46.0	63.50	83.0	45.0	60	53.0	2.0	6	10.5	9.0	12.0
48	64.0	56.0	59	66	49.0	66.70	83.0	45.0	60	53.0	2.0	6	10.5	9.0	12.0
50	66.0	58.0	62	70	52.0	69.85	84.5	47.0	60	54.5	2.5	6	12.0	9.5	13.5
53	69.0	61.0	65	73	55.5	73.05	84.5	47.0	70	54.5	2.5	6	12.0	11.0	13.5
55	71.0	63.0	67	75	58.5	76.20	84.5	47.0	70	54.5	2.5	6	12.0	11.0	13.5
58	76.0	66.0	70	78	61.5	79.40	84.5	52.5	70	54.5	2.5	6	12.0	11.0	13.5
60	78.0	68.0	72	80	61.5	79.40	84.5	52.5	70	54.5	2.5	6	12.0	11.0	13.5
63	82.0	71.5	75	83	65.0	82.55	84.5	52.5	70	54.5	2.5	6	12.0	11.0	13.5
65	84.0	73.5	77	85	68.0	92.10	86.0	52.5	80	65.0	2.5	6	14.5	11.0	16.0
68	87.0	76.5	81	90	71.0	95.25	86.0	52.5	80	65.0	2.5	7	14.5	11.3	16.0
70	89.0	79.0	83	92	71.0	95.25	86.0	60.0	80	65.0	2.5	7	14.5	11.3	16.0
75	95.0	85.0	88	97	77.5	101.60	89.0	60.0	80	68.0	2.5	7	14.5	11.3	16.0
80	101.5	91.5	95	105	84.0	114.30	99.0	60.0	90	76.0	3.0	7	18.5	12.0	20.0
85	107.0	97.0	100	110	87.0	117.50	99.0	60.0	90	76.0	3.0	7	18.5	14.0	20.0
90	111.5	103.0	105	115	93.5	123.85	103.0	65.0	90	79.0	3.0	7	18.5	14.0	20.0
95	117.5	108.0	110	120	96.5	127.00	103.0	65.0	90	79.0	3.0	7	18.5	14.0	20.0
100	122.5	114.0	115	125	103.0	133.35	106.0	65.0	90	82.0	3.0	7	18.5	14.0	20.0



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d (Inch)	d	D1	D2	D14	D16	L1	L1S	L17	L29
0.375	9.53	18.8	12.5	11.0	24.60	53	34.0	7.5	9.0
0.500	12.70	22.3	16.0	13.5	27.80	53	34.0	7.5	9.0
0.625	15.88	26.5	20.0	17.0	30.95	54.5	35.5	9.0	10.5
0.750	19.00	29.5	23.0	20.0	34.15	54.5	35.5	9.0	10.5
0.875	22.23	33.0	27.0	23.0	37.30	54.5	35.5	9.0	10.5
1.000	25.40	38.0	30.5	26.5	40.50	54.5	35.5	9.0	10.5
1.125	28.58	41.5	34.5	29.5	47.65	72	45.0	10.5	12.0
1.250	31.75	45.0	38.0	32.5	50.80	72	45.0	10.5	12.0
1.375	34.93	48.0	41.0	36.5	54.00	72	45.0	10.5	12.0
1.500	38.10	52.5	44.5	39.5	57.15	72	45.0	10.5	12.0
1.625	41.28	57.0	48.5	42.5	60.35	72	45.0	10.5	12.0
1.750	44.48	60.5	51.5	46.0	63.50	83	53.0	10.5	12.0
1.875	47.63	64.0	55.0	49.0	66.70	83	53.0	10.5	12.0
2.000	50.80	66.0	58.0	52.0	69.85	84.5	54.5	12.0	13.5
2.125	53.98	71.0	61.5	55.5	73.05	84.5	54.5	12.0	13.5
2.250	57.15	76.5	65.0	58.5	76.20	84.5	54.5	12.0	13.5
2.375	60.33	78.5	68.5	61.5	79.40	84.5	54.5	12.0	13.5
2.500	63.50	82.0	72.0	65.0	82.55	84.5	54.5	12.0	13.5
2.625	66.68	84.0	75.0	68.0	92.10	86.0	65.0	14.5	16.0
2.750	69.85	89.0	79.0	71.0	95.25	86.0	65.0	14.5	16.0
2.875	73.03	92.5	82.0	74.5	98.45	89.0	68.0	14.5	16.0
3.000	76.20	95.5	85.5	77.5	101.6	89.0	68.0	14.5	16.0
3.125	79.38	101.6	91.0	80.5	111.15	99.0	76.0	18.5	20.0
3.250	82.55	104.7	94.0	84.0	114.30	99.0	76.0	18.5	20.0
3.375	85.73	107.0	98.0	87.0	117.50	99.0	76.0	18.5	20.0
3.500	88.90	111.5	100.0	90.5	120.65	99.0	76.0	18.5	20.0
3.625	92.08	114.5	104.0	93.5	123.85	103.0	79.0	18.5	20.0
3.750	95.25	118.0	108.0	96.5	127.00	103.0	79.0	18.5	20.0
3.875	98.43	121.0	112.0	100.0	130.20	106.0	82.0	18.5	20.0
4.000	101.60	125.0	116.0	103.0	133.35	106.0	82.0	18.5	20.0

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d (Inch)	D1	D2	D61	D71	L14	L15	L41	L51	L61
0.375	0.740	0.492	0.625	0.875	1.125	1.500	0.313	0.05	0.250
0.500	0.878	0.630	0.750	1.000	1.125	1.500	0.313	0.05	0.250
0.625	1.043	0.787	0.937	1.250	1.281	1.718	0.406	0.05	0.344
0.750	1.161	0.905	1.062	1.375	1.281	1.718	0.406	0.05	0.344
0.875	1.299	1.063	1.187	1.500	1.343	1.781	0.406	0.05	0.344
1.000	1.496	1.200	1.312	1.625	1.437	2.000	0.437	0.05	0.375
1.125	1.634	1.358	1.437	1.750	1.500	2.062	0.437	0.05	0.375
1.250	1.772	1.496	1.563	1.875	1.500	2.062	0.437	0.05	0.375
1.375	1.890	1.614	1.687	2.000	1.562	2.124	0.437	0.05	0.375
1.500	2.067	1.752	1.813	2.125	1.562	2.124	0.437	0.05	0.375
1.625	2.244	1.909	2.000	2.375	1.875	2.500	0.500	0.05	0.437
1.750	2.382	2.028	2.125	2.500	1.875	2.500	0.500	0.05	0.437
1.875	2.520	2.165	2.250	2.625	2.000	2.625	0.500	0.05	0.437
2.000	2.598	2.283	2.375	2.750	2.000	2.625	0.500	0.05	0.437
2.125	2.795	2.421	2.375	3.000	2.249	2.937	0.562	0.05	0.500
2.250	2.992	2.559	2.437	3.125	2.249	2.937	0.562	0.05	0.500
2.375	3.071	2.697	2.563	3.250	2.375	3.062	0.562	0.05	0.500
2.500	3.228	2.834	2.687	3.375	2.375	3.062	0.562	0.05	0.500
2.625	3.307	2.953	2.812	3.375	2.562	3.375	0.625	0.10	0.562
2.750	3.504	3.110	2.937	3.500	2.562	3.375	0.625	0.10	0.562
2.875	3.642	3.228	3.062	3.750	2.687	3.500	0.625	0.10	0.562
3.000	3.76	3.366	3.187	3.875	2.687	3.5	0.625	0.10	0.562
3.125	4.000	3.583	3.312	4.000	2.968	3.906	0.781	0.10	0.656
3.250	4.122	3.700	3.437	4.125	2.968	3.906	0.781	0.10	0.656
3.375	4.213	3.858	3.562	4.250	2.968	3.906	0.781	0.10	0.656
3.500	4.390	3.937	3.687	4.375	2.968	3.906	0.781	0.10	0.656
3.625	4.508	4.095	3.812	4.500	3.093	4.031	0.781	0.10	0.656
3.750	4.646	4.252	3.937	4.625	3.093	4.031	0.781	0.10	0.656
3.875	4.764	4.409	4.062	4.75	3.218	4.156	0.781	0.10	0.656
4.000	4.921	4.567	4.187	4.875	3.218	4.156	0.781	0.10	0.656

