

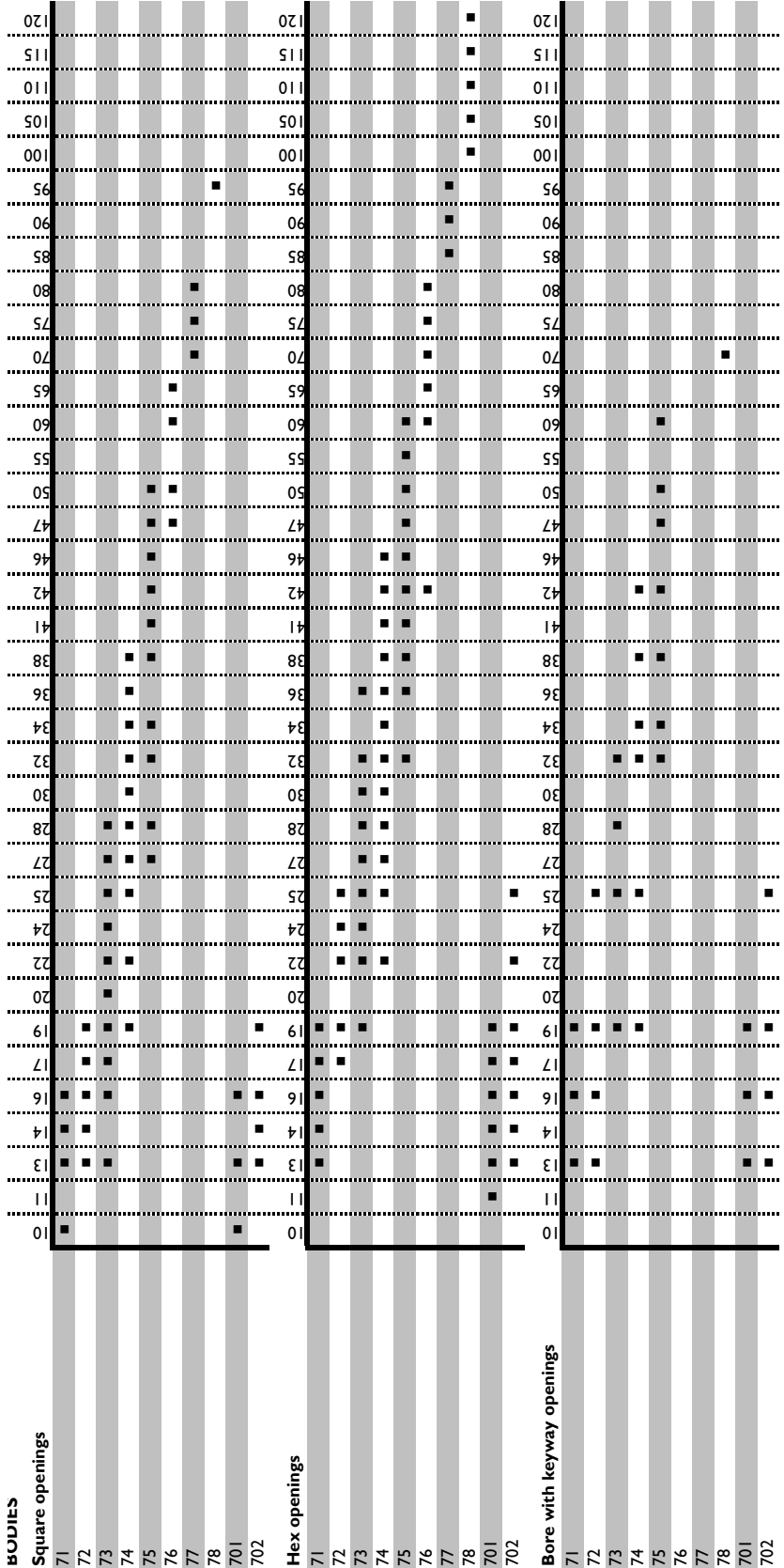
# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES

BODIES		Hex openings		Bore with keyway openings	
Square openings					
71	8/8"	71	3/8"	71	3/8"
72	9/16"	72	9/16"	72	1/2"
73	5/8"	73	11/16"	73	11/16"
74	3/4"	74	13/16"	74	13/16"
75	1"	75	1 1/16"	75	1 1/16"
76	1 1/16"	76	1 1/8"	76	1 1/8"
77	1 1/4"	77	1 3/8"	77	1 3/8"
78	1 3/8"	78	1 7/8"	78	1 7/8"
701	2"	701	2 1/8"	701	2 1/8"
702	2 1/4"	702	2 3/16"	702	2 3/16"
	2 1/2"		2 1/2"		2 1/2"
	2 3/8"		2 3/8"		2 3/8"
	2 1/2"		2 1/2"		2 1/2"
	2 3/4"		2 3/4"		2 3/4"
	2 7/8"		2 7/8"		2 7/8"
	3"		3"		3"
	3 1/8"		3 1/8"		3 1/8"
	3 1/4"		3 1/4"		3 1/4"
	3 1/2"		3 1/2"		3 1/2"
	3 3/4"		3 3/4"		3 3/4"
	3 7/8"		3 7/8"		3 7/8"
	4"		4"		4"
	4 1/8"		4 1/8"		4 1/8"
	4 1/4"		4 1/4"		4 1/4"
	4 1/2"		4 1/2"		4 1/2"
	4 5/8"		4 5/8"		4 5/8"

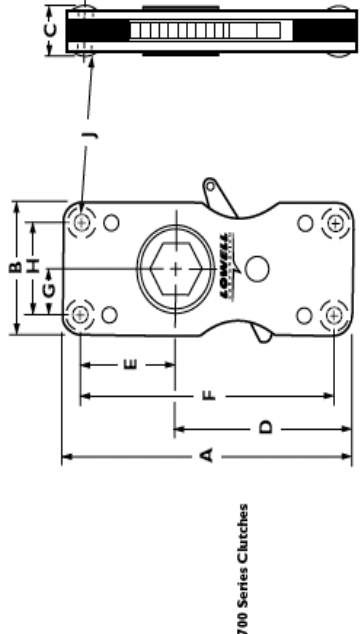
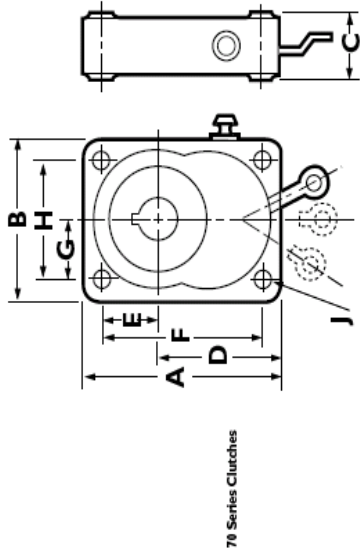
# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES



# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES



70 SERIES Ratchet Clutches

MODEL	A		B		C		D		E		F		G		H		J		Max Torque			Ovrrun	Gear Teeth	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	LB	KG	NM			Speed
71	2 <sup>7</sup> / <sub>8</sub>	73	2 <sup>3</sup> / <sub>8</sub>	60	<sup>15</sup> / <sub>16</sub>	24	1 <sup>3</sup> / <sub>4</sub>	44	<sup>13</sup> / <sub>16</sub>	20	2 <sup>1</sup> / <sub>4</sub>	58	<sup>7</sup> / <sub>8</sub>	22	1 <sup>3</sup> / <sub>4</sub>	44	<sup>17</sup> / <sub>64</sub>	6	1 <sup>1</sup> / <sub>2</sub>	0,68	200	272	250	16
72	3 <sup>1</sup> / <sub>4</sub>	82	2 <sup>7</sup> / <sub>8</sub>	74	<sup>3</sup> / <sub>16</sub>	30	<sup>7</sup> / <sub>8</sub>	48	<sup>1</sup> / <sub>16</sub>	26	2 <sup>5</sup> / <sub>8</sub>	66	<sup>1</sup> / <sub>8</sub>	28	2 <sup>1</sup> / <sub>4</sub>	58	<sup>17</sup> / <sub>64</sub>	6	2 <sup>1</sup> / <sub>4</sub>	1,02	300	406	100	16
73	4	102	3 <sup>1</sup> / <sub>8</sub>	80	<sup>5</sup> / <sub>16</sub>	34	2 <sup>7</sup> / <sub>16</sub>	62	<sup>3</sup> / <sub>16</sub>	30	3 <sup>1</sup> / <sub>4</sub>	82	<sup>3</sup> / <sub>16</sub>	30	2 <sup>3</sup> / <sub>8</sub>	60	<sup>21</sup> / <sub>64</sub>	8	3 <sup>1</sup> / <sub>2</sub>	1,59	500	678	100	20
74	5 <sup>1</sup> / <sub>8</sub>	130	3 <sup>7</sup> / <sub>8</sub>	98	<sup>7</sup> / <sub>16</sub>	36	3 <sup>1</sup> / <sub>8</sub>	80	<sup>1</sup> / <sub>2</sub>	38	4 <sup>1</sup> / <sub>8</sub>	105	<sup>1</sup> / <sub>16</sub>	36	2 <sup>7</sup> / <sub>8</sub>	74	<sup>25</sup> / <sub>64</sub>	10	6 <sup>1</sup> / <sub>4</sub>	2,84	800	1085	75	20
75	6 <sup>1</sup> / <sub>2</sub>	165	5	128	<sup>9</sup> / <sub>16</sub>	40	4	102	<sup>7</sup> / <sub>8</sub>	48	5 <sup>1</sup> / <sub>4</sub>	134	<sup>1</sup> / <sub>8</sub>	48	3 <sup>3</sup> / <sub>4</sub>	95	<sup>17</sup> / <sub>32</sub>	14	11	5,0	1500	2034	60	24
76	8 <sup>3</sup> / <sub>8</sub>	213	6 <sup>1</sup> / <sub>4</sub>	159	<sup>7</sup> / <sub>16</sub>	37	5 <sup>1</sup> / <sub>4</sub>	133	2 <sup>1</sup> / <sub>2</sub>	64	7 <sup>1</sup> / <sub>8</sub>	181	2 <sup>1</sup> / <sub>2</sub>	64	5	127	<sup>17</sup> / <sub>32</sub>	14	15	6,8	2500	3390	50	24
77	9 <sup>3</sup> / <sub>4</sub>	248	7 <sup>1</sup> / <sub>2</sub>	191	<sup>1</sup> / <sub>2</sub>	38	6	152	3 <sup>1</sup> / <sub>8</sub>	79	8 <sup>7</sup> / <sub>16</sub>	214	3 <sup>1</sup> / <sub>8</sub>	79	6 <sup>1</sup> / <sub>4</sub>	159	<sup>17</sup> / <sub>32</sub>	14	24	10,89	4100	5560	50	24
78	10 <sup>7</sup> / <sub>8</sub>	276	8 <sup>3</sup> / <sub>8</sub>	213	<sup>15</sup> / <sub>16</sub>	49	6 <sup>1</sup> / <sub>2</sub>	165	3 <sup>5</sup> / <sub>8</sub>	92	9 <sup>3</sup> / <sub>8</sub>	238	3 <sup>7</sup> / <sub>16</sub>	87	6 <sup>7</sup> / <sub>8</sub>	175	<sup>17</sup> / <sub>32</sub>	14	29	13,15	6260	8490	30	24

700 SERIES Ratchet Clutches

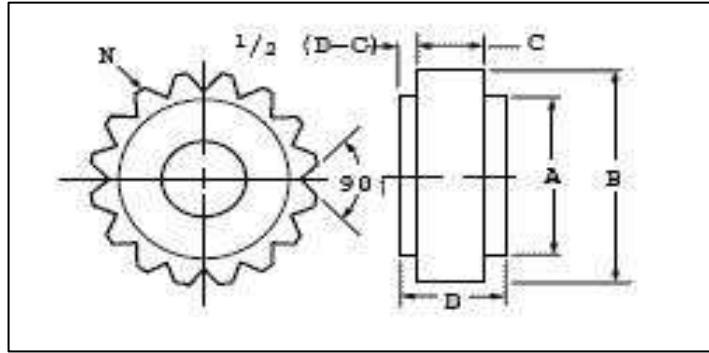
701	4	102	1 5/8	41	2 1/32	17	2 7/16	62	1 21/64	34	3 1/2	89	9/16	14	1 1/8	29	3/16	5	3/4	0,34	85	115	250	16
702	5 1/4	133	2 3/8	60	6 1/64	24	3 5/8	92	1 1/4	32	4 1/2	114	1 3/16	21	1 5/8	41	1 7/64	7	1 1/2	0,68	175	237	100	20

**BODY DIMENSIONS AND  
ASSEMBLY SPECIFICATIONS**

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# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES



**Gear Dimensions**

MODEL	A		B		C		D		N TEETH
	IN	MM	IN	MM	IN	MM	IN	MM	
11, 11Z	1.058	26.9	1.365	34.7	.355	9.0	.733	18.6	16
12, 12Z, 13, 13Z, 71	1.058	26.9	1.365	34.7	.507	12.9	.855	21.7	16
14, 14Z, 15, 15Z, 112, 114, 115	1.420	36.1	1.740	44.2	.417	10.6	.887	22.5	20
16, 16Z, 17, 17Z, 24, 25, 73	1.840	46.7	2.329	59.2	.685	17.4	1.218	30.9	20
101	1.058	26.9	1.365	34.7	.245	6.2	.623	15.8	16
101A	1.420	36.1	1.740	44.2	.245	6.2	.623	15.8	20
103	1.840	46.7	2.329	59.2	.504	12.8	.885	22.5	20
21	.928	23.6	1.115	28.3	.481	12.2	.812	20.6	16
22	1.120	28.4	1.365	34.7	.650	16.5	1.028	26.1	16
23, 72	1.420	36.1	1.740	44.2	.660	16.8	1.133	28.8	16
26, 27, 41, 42, 74	2.489	63.2	2.935	74.5	.801	20.3	1.385	35.2	20
28, 44, 75	3.488	88.6	3.985	101.2	.867	22.0	1.500	38.1	24
45, 46, 76	4.368	110.9	5.092	129.3	.841	21.4	1.469	37.3	24
47, 77	5.627	142.9	6.237	158.4	.941	23.9	1.750	44.5	24
48, 78	6.510	165.4	7.422	188.5	1.109	28.2	1.875	47.6	24

# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES

### 70 SERIES Ratchet Arms

Model	P/N Body							P/N Gear			
	Only	Length		Width		Weight		Gear Openings		Only	P/N Assembly
		IN	MM	IN	MM	LB	KG	IN	MM		
71	71901	2 <sup>7</sup> / <sub>8</sub>	74	2 <sup>3</sup> / <sub>8</sub>	60	1 <sup>1</sup> / <sub>2</sub>	0,68	<sup>3</sup> / <sub>8</sub> SQ		91206	71901/91206
								<sup>1</sup> / <sub>2</sub> SQ		91208	71901/91208
								<sup>9</sup> / <sub>16</sub> SQ		91209	71901/91209
								<sup>5</sup> / <sub>8</sub> SQ		91210	71901/91210
									10 SQ	M1210	71901/M1210
									13 SQ	M1213	71901/M1213
									14 SQ	M1214	71901/M1214
									16 SQ	M1216	71901/M1216
								<sup>1</sup> / <sub>2</sub> HEX		91308	71901/91308
								<sup>9</sup> / <sub>16</sub> HEX		91309	71901/91309
								<sup>5</sup> / <sub>8</sub> HEX		91310	71901/91310
								<sup>3</sup> / <sub>4</sub> HEX		91312	71901/91312
									13 HEX	M1313	71901/M1313
									14 HEX	M1314	71901/M1314
									16 HEX	M1316	71901/M1316
									17 HEX	M1317	71901/M1317
									19 HEX	M1319	71901/M1319
								<sup>1</sup> / <sub>2</sub> BORE		91108	71901/91108
								<sup>5</sup> / <sub>8</sub> BORE		91110	71901/91110
								<sup>3</sup> / <sub>4</sub> BORE		91112	71901/91112
									13 BORE	M1113	71901/M1113
									16 BORE	M1116	71901/M1116
									19 BORE	M1119	71901/M2119
72	72901	3 <sup>1</sup> / <sub>4</sub>	82	2 <sup>7</sup> / <sub>8</sub>	74	2 <sup>1</sup> / <sub>4</sub>	1,02	<sup>1</sup> / <sub>2</sub> SQ		92208	72901/92208
								<sup>9</sup> / <sub>16</sub> SQ		92209	72901/92209
								<sup>5</sup> / <sub>8</sub> SQ		92210	72901/92210
								<sup>11</sup> / <sub>16</sub> SQ		92211	72901/92211
								<sup>3</sup> / <sub>4</sub> SQ		92212	72901/92212
									13 SQ	M2213	72901/M2213
									14 SQ	M2214	72901/M2214
									16 SQ	M2216	72901/M2216
									17 SQ	M2217	72901/M2217
									19 SQ	M2219	72901/M2219
								<sup>11</sup> / <sub>16</sub> HEX		92311	72901/92311
								<sup>3</sup> / <sub>4</sub> HEX		92312	72901/92312
								<sup>7</sup> / <sub>8</sub> HEX		92314	72901/92314
								1 HEX		92316	72901/92316
									17 HEX	M2317	72901/M2317
									19 HEX	M2319	72901/M2319
									22 HEX	M2322	72901/M2322
									24 HEX	M2324	72901/M2324
									25 HEX	M2325	72901/M2325
								<sup>1</sup> / <sub>2</sub> BORE		92108	72901/92108
								<sup>5</sup> / <sub>8</sub> BORE		92110	72901/92110
								<sup>3</sup> / <sub>4</sub> BORE		92112	72901/92112
								1 BORE		92116	72901/92116

**BODY, GEAR AND  
ASSEMBLY PART NUMBERS**

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# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES

### 70 SERIES Ratchet Arms

Model	P/N Body							P/N Gear			
	Only	Length		Width		Weight		Gear Openings		Only	P/N Assembly
		IN	MM	IN	MM	LB	KG	IN	MM		
72	72901	3 ¼	82	2 7/8	74	2 ¼	1,02				
									13 BORE	M2113	72901/M2113
									16 BORE	M2116	72901/M2116
									19 BORE	M2119	72901/M2119
									25 BORE	M2125	72901/M2125
73	73901	4	102	3 1/8	30	3 ½	1,59	½ SQ		93208	73901/93208
								5/8 SQ		93210	73901/93210
								11/16 SQ		93211	73901/93211
								¾ SQ		93212	73901/93212
								7/8 SQ		93214	73901/93214
								1 SQ		93216	73901/93216
								1 1/16 SQ		93217	73901/93217
								1 1/8 SQ		93218	73901/93218
									13 SQ	M3213	73901/M3213
									16 SQ	M3216	73901/M3216
									17 SQ	M3217	73901/M3217
									19 SQ	M3219	73901/M3219
									20 SQ	M3220	73901/M3220
									22 SQ	M3222	73901/M3222
									24 SQ	M3224	73901/M3224
									25 SQ	M3225	73901/M3225
									27 SQ	M3227	73901/M3227
									28 SQ	M3228	73901/M3228
								¾ HEX		93312	73901/93312
								7/8 HEX		93314	73901/93314
								1 HEX		93316	73901/93316
								1 1/8 HEX		93318	73901/93318
								1 ¼ HEX		93320	73901/93320
									19 HEX	M3319	73901/M3319
									22 HEX	M3322	73901/M3322
									24 HEX	M3324	73901/M3324
									25 HEX	M3325	73901/M3325
									27 HEX	M3327	73901/M3327
									28 HEX	M3328	73901/M3328
									30 HEX	M3330	73901/M3330
									32 HEX	M3332	73901/M3332
									36 HEX	M3336	73901/M3336
								¾ BORE		93112	73901/93112
								1 BORE		93116	73901/93116
								1 1/8 BORE		93118	73901/93118
								1 ¼ BORE		93120	73901/93120
									19 BORE	M3119	73901/M3119
									25 BORE	M3125	73901/M3125
									28 BORE	M3128	73901/M3128
									32 BORE	M3132	73901/M3132
74	74901	5 1/8	130	3 7/8	98	6 ¼	2,84	¾ SQ		94212	74901/94212
								7/8 SQ		94214	74901/94214

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## RATCHET CLUTCHES

### 70 SERIES Ratchet Arms

Model	P/N Body							P/N Gear		
	Only	Length		Width		Weight		Gear Openings		P/N Assembly
		IN	MM	IN	MM	LB	KG	IN	MM	
74	74901	5 1/8	130	3 7/8	98	6 1/4	2,84	I SQ	94216	74901/94216
								I 1/16 SQ	94217	74901/94217
								I 1/8 SQ	94218	74901/94218
								I 3/16 SQ	94219	74901/94219
								I 1/4 SQ	94220	74901/94220
								I 3/8 SQ	94222	74901/94222
								I 7/16 SQ	94223	74901/94223
								I 1/2 SQ	94224	74901/94224
								19 SQ	M4219	74901/M4219
								22 SQ	M4222	74901/M4222
								25 SQ	M4225	74901/M4225
								27 SQ	M4227	74901/M4227
								28 SQ	M4228	74901/M4228
								30 SQ	M4230	74901/M4230
								32 SQ	M4232	74901/M4232
								34 SQ	M4234	74901/M4234
								36 SQ	M4236	74901/M4236
								38 SQ	M4238	74901/M4238
								7/8 HEX	94314	74901/94314
								I HEX	94316	74901/94316
								I 1/16 HEX	94317	74901/94317
								I 1/8 HEX	94318	74901/94318
								I 1/4 HEX	94320	74901/94320
								I 3/8 HEX	94322	74901/94322
								I 7/16 HEX	94323	74901/94323
								I 1/2 HEX	94324	74901/94324
								I 5/8 HEX	94326	74901/94326
								I 3/4 HEX	94328	74901/94328
								I 13/16 HEX	94329	74901/94329
								22 HEX	M4322	74901/M4322
								25 HEX	M4325	74901/M4325
								27 HEX	M4327	74901/M4327
								28 HEX	M4328	74901/M4328
								30 HEX	M4330	74901/M4330
								32 HEX	M4332	74901/M4332
								34 HEX	M4334	74901/M4334
								36 HEX	M4336	74901/M4336
								38 HEX	M4338	74901/M4338
								41 HEX	M4341	74901/M4341
								42 HEX	M4342	74901/M4342
								46 HEX	M4346	74901/M4346
								3/4 BORE	94112	74901/94112
								I BORE	94116	74901/94116
								I 1/4 BORE	94120	74901/94120
								I 3/8 BORE	94122	74901/94122
								I 1/2 BORE	94124	74901/94124

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## RATCHET CLUTCHES

### 70 SERIES Ratchet Arms

P/N Body								P/N Gear			
Model	Only	Length		Width		Weight		Gear Openings		Only	P/N Assembly
		IN	MM	IN	MM	LB	KG	IN	MM		
74	74901	5 1/8	130	3 7/8	98	6 1/4	2,84	1 3/4 BORE		94128	74901/94128
									19 BORE	M4119	74901/M4119
									25 BORE	M4125	74901/M4125
									32 BORE	M4132	74901/M4132
									34 BORE	M4143	74901/M4143
									38 BORE	M4138	74901/M4138
								42 BORE	M4142	74901/M4142	
75	75901	6 1/2	165	5	128	11	5,0	1 1/16 SQ		95217	75901/95217
								1 1/8 SQ		95218	75901/95218
								1 1/4 SQ		95220	75901/95220
								1 3/8 SQ		95222	75901/95222
								1 1/2 SQ		95224	75901/95224
								1 5/8 SQ		95226	75901/95226
								1 3/4 SQ		95228	75901/95228
								1 13/16 SQ		95229	75901/95229
								1 7/8 SQ		95230	75901/95230
								2 SQ		95232	75901/95232
								27 SQ	M5227	75901/M5227	
								28 SQ	M5228	75901/M5228	
								32 SQ	M5232	75901/M5232	
								34 SQ	M5234	75901/M5234	
								38 SQ	M5238	75901/M5238	
								41 SQ	M5241	75901/M5241	
								42 SQ	M5242	75901/M5242	
								46 SQ	M5246	75901/M5246	
								47 SQ	M5247	75901/M5247	
								50 SQ	M5250	75901/M5250	
								1 1/4 HEX		95320	75901/95320
								1 7/16 HEX		95323	75901/95323
								1 1/2 HEX		95324	75901/95324
								1 5/8 HEX		95326	75901/95326
								1 11/16 HEX		95327	75901/95327
								1 13/16 HEX		95329	75901/95329
								1 7/8 HEX		95330	75901/95330
								2 HEX		95332	75901/95332
								2 1/8 HEX		95334	75901/95334
								2 3/16 HEX		95335	75901/95335
								2 1/4 HEX		95336	75901/95336
								2 3/8 HEX		95338	75901/95338
								32 HEX	M5332	75901/M5332	
								36 HEX	M5336	75901/M5336	
								38 HEX	M5338	75901/M5338	
								41 HEX	M5341	75901/M5341	
								42 HEX	M5342	75901/M5342	
								46 HEX	M5346	75901/M5346	
								47 HEX	M5347	75901/M5347	

**BODY, GEAR AND  
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# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES

### 70 SERIES Ratchet Arms

Model	P/N Body							P/N Gear			
	Only	Length		Width		Weight		Gear Openings		Only	P/N Assembly
		IN	MM	IN	MM	LB	KG	IN	MM		
75	75901	6 1/2	165	5	128	11	5,0		50 HEX	M5350	75901/M5350
									55 HEX	M5355	75901/M5355
									60 HEX	M5360	75901/M5360
								1 1/4 BORE		95120	75901/95120
								1 3/8 BORE		95122	75901/95122
								1 1/2 BORE		95124	75901/95124
								1 3/4 BORE		95128	75901/95128
								1 7/8 BORE		95130	75901/95130
								2 BORE		95132	75901/95132
								2 1/4 BORE		95136	75901/95136
									32 BORE	M5132	75901/M5132
									34 BORE	M5143	75901/M5143
									38 BORE	M5138	75901/M5138
									42 BORE	M5142	75901/M5142
									47 BORE	M5147	75901/M5147
									50 BORE	M5150	75901/M5150
									60 BORE	M5160	75901/M5160
76	76901	8 3/8	213	6 1/4	159	15	6,8	1 7/8 SQ		96230	76901/96230
								2 SQ		96232	76901/96232
								2 1/4 SQ		96236	76901/96236
								2 3/8 SQ		96238	76901/96238
								2 1/2 SQ		96240	76901/96240
									47 SQ	M6247	76901/M6247
									50 SQ	M6250	76901/M6250
									60 SQ	M6260	76901/M6260
									65 SQ	M6265	76901/M6265
								1 11/16 HEX		96327	76901/96327
								2 3/8 HEX		96338	76901/96338
								2 1/2 HEX		96340	76901/96340
								2 9/16 HEX		96341	76901/96341
								2 5/8 HEX		96342	76901/96342
								2 3/4 HEX		96344	76901/96344
								2 15/16 HEX		96347	76901/96347
								3 HEX		96348	76901/96348
								3 1/8 HEX		96350	76901/96350
								3 1/4 HEX		96352	76901/96352
									42 HEX	M6342	76901/M6342
									60 HEX	M6360	76901/M6360
									65 HEX	M6365	76901/M6365
									70 HEX	M6370	76901/M6370
									75 HEX	M6375	76901/M6375
									80 HEX	M6380	76901/M6380
77	77901	9 3/4	248	7 1/2	191	24	10,89	2 1/8 SQ		97234	77901/97234
								2 1/2 SQ		97240	77901/97240
								2 3/4 SQ		97244	77901/97244
								2 7/8 SQ		97246	77901/97246

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### 70 SERIES Ratchet Arms

Model	P/N Body		Length		Width		Weight		Gear Openings		P/N Gear	
	Only										Only	P/N Assembly
			IN	MM	IN	MM	LB	KG	IN	MM		
77	77901		9 ¾	248	7 ½	191	24	10,89	2 15/16 SQ		97247	77901/97247
									3 SQ		97248	77901/97248
									3 1/8 SQ		97250	77901/97250
									3 ¼ SQ		97252	77901/97252
										70 SQ	M7270	77901/M7270
										75 SQ	M7275	77901/M7275
										80 SQ	M7280	77901/M7280
									3 ¼ HEX		97352	77901/97352
									3 ½ HEX		97356	77901/97356
									3 ¾ HEX		97360	77901/97360
									3 7/8 HEX		97362	77901/97362
										85 HEX	M7385	77901/M7385
										90 HEX	M7390	77901/M7390
										95 HEX	M7395	77901/M7395
78	78901		10 7/8	276	8 3/8	213	29	13,15	3 ¼ SQ		98252	78901/98252
									3 ½ SQ		98256	78901/98256
									3 ¾ SQ		98260	78901/98260
									3 7/8 SQ		98262	78901/98262
										95 SQ	M8295	78901/M8295
									3 7/8 HEX		98362	78901/98362
									4 HEX		98364	78901/98364
									4 1/8 HEX		98366	78901/98366
									4 ¼ HEX		98368	78901/98368
									4 ½ HEX		98372	78901/98372
									4 5/8 HEX		98374	78901/98374
										100 HEX	N8300	78901/N8300
										105 HEX	N8305	78901/N8305
										110 HEX	N8310	78901/N8310
										115 HEX	N8315	78901/N8315
										120 HEX	N8320	78901/N8320
									2 ¾ BORE		98144	78901/98144
										70 BORE	M8170	78901/M8170

# LOWELL DESIGN GUIDE

## RATCHET CLUTCHES

### 700 SERIES Ratchet Clutches

P/N Body								P/N Gear				
Model	Only	Length		Width		Weight		Gear Openings		Only	P/N Assembly	
		IN	MM	IN	MM	LB	KG	IN	MM			
701	70101	4	102	15/8	41	¾	0,34	3/8 SQ		82936	70936	
								1/2 SQ		82937	70937	
								5/8 SQ		82938	70938	
									10 SQ	M9210	70S10	
									13 SQ	M9213	70S13	
									16 SQ	M9216	70S16	
								7/16 HEX		82957	70957	
								1/2 HEX		82958	70958	
								9/16 HEX		82959	70959	
								5/8 HEX		82960	70960	
								¾ HEX		82961	70961	
									11 HEX	M9311	70H11	
									13 HEX	M9313	70H13	
									14 HEX	M9314	70H14	
									16 HEX	M9316	70H16	
									17 HEX	M9317	70H17	
									19 HEX	M9319	70H19	
								1/2 BORE		82978	70978	
								5/8 BORE		82980	70980	
								¾ BORE		82982	70982	
									13 BORE	M9113	70B13	
									16 BORE	M9116	70B16	
									19 BORE	M9119	70B19	
702	70201	5 ¼	133	2 3/8	60	1 ½	0,68	1/2 SQ		92608	70608	
								9/16 SQ		92609	70609	
								5/8 SQ		92610	70610	
								¾ SQ		92612	70612	
									13 SQ	M2613	70S13	
									14 SQ	M2614	70S14	
									16 SQ	M2616	70S16	
									19 SQ	M2619	70S19	
								1/2 HEX		92708	70708	
								9/16 HEX		92709	70709	
								5/8 HEX		92710	70710	
								¾ HEX		92712	70712	
								7/8 HEX		92714	70714	
								1 HEX		92716	70716	
									13 HEX	M2713	70H13	
									14 HEX	M2714	70H14	
									16 HEX	M2716	70H16	
									17 HEX	M2717	70H17	
									19 HEX	M2719	70H19	
									22 HEX	M2722	70H22	
									25 HEX	M2725	70H25	
									1/2 BORE		92508	70508
									5/8 BORE		92510	70510

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### 700 SERIES Ratchet Clutches

Model	P/N Body							P/N Gear			
	Only	Length		Width		Weight		Gear Openings		Only	P/N Assembly
		IN	MM	IN	MM	LB	KG	IN	MM		
702	70201	5 ¼	133	2 ¾	60	1 ½	0,68	¾ BORE		92512	70512
								7/8 BORE		92514	70514
								1 BORE		92516	70516
									13 BORE	M2513	70B13
									16 BORE	M2516	70B16
									19 BORE	M2519	70B19
									25 BORE	M2525	70B25