





## RATCHET CLUTCHES – SERIES 70

| SERIES 70 SPECIFICATIONS |       |        |      |                   |              |
|--------------------------|-------|--------|------|-------------------|--------------|
| MODEL                    | P/N   | LB-FT  | NM   | RPM               | NO. OF TEETH |
|                          |       | TORQUE |      | OVERRUNNING SPEED |              |
| 71                       | 71901 | 200    | 272  | 250               | 16           |
| 72                       | 72901 | 300    | 406  | 100               | 16           |
| 73                       | 73901 | 500    | 678  | 100               | 20           |
| 74                       | 74901 | 800    | 1085 | 75                | 20           |
| 75                       | 75901 | 1500   | 2034 | 60                | 24           |
| 76                       | 76901 | 2500   | 3390 | 50                | 24           |
| 77                       | 77901 | 4100   | 5560 | 50                | 24           |
| 78                       | 78901 | 6260   | 8490 | 30                | 24           |

| SERIES 70 GEAR OPENINGS |        |       |      |       |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------|--------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| MODEL                   | SQUARE |       |      |       | HEX   |       |       |       | BORE  |       |       |       |       |  |  |
|                         | IN     |       | MM   |       | IN    |       | MM    |       | IN    |       | MM    |       |       |  |  |
|                         | SIZE   | P/N   | SIZE | P/N   | SIZE  | P/N   | SIZE  | P/N   | SIZE  | P/N   | SIZE  | P/N   |       |  |  |
| 71                      | 3/8    | 91206 | 10   | M1210 |       |       |       |       |       |       |       |       |       |  |  |
|                         | 1/2    | 91208 | 13   | M1213 | 1/2   | 91308 | 13    | M1313 | 1/2   | 91108 | 13    | M1113 |       |  |  |
|                         | 9/16   | 91209 | 14   | M1214 | 9/16  | 91309 | 14    | M1314 |       |       |       |       |       |  |  |
|                         | 5/8    | 91210 | 16   | M1216 | 5/8   | 91310 | 16    | M1316 | 5/8   | 91110 | 16    | M1116 |       |  |  |
|                         |        |       |      |       |       |       |       | 17    |       |       |       |       | M1317 |  |  |
|                         |        |       |      | 3/4   | 91312 | 19    | M1319 | 3/4   | 91112 | 19    | M1119 |       |       |  |  |
| 72                      | 1/2    | 92208 | 13   | M2213 |       |       |       |       | 1/2   | 92108 | 13    | M2113 |       |  |  |
|                         | 9/16   | 92209 | 14   | M2214 |       |       |       |       |       |       |       |       |       |  |  |
|                         | 5/8    | 92210 | 16   | M2216 |       |       |       |       | 5/8   | 92110 | 16    | M2116 |       |  |  |
|                         | 11/16  | 92211 | 17   | M2217 | 11/16 | 92311 | 17    | M2317 |       |       |       |       |       |  |  |
|                         | 3/4    | 92212 | 19   | M2219 | 3/4   | 92312 | 19    | M2319 | 3/4   | 92112 | 19    | M2119 |       |  |  |
|                         |        |       |      |       |       |       |       | 22    |       |       |       |       | M2322 |  |  |
|                         |        |       |      |       |       |       |       | 24    |       |       |       |       | M2324 |  |  |
|                         |        |       |      | 1     | 92316 | 25    | M2325 | 1     | 92116 | 25    | M2125 |       |       |  |  |

65 HARTWELL STREET, WEST BOYLSTON, MA 01583  
 PH# 508-835-2900 / TOLL FREE 800-456-9355 / FAX 5088352944  
 WWW.LOWELLCORP.COM  
 EMAIL: CUSTOMERSERVICE@LOWELLCORP.COM



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| SERIES 70 GEAR OPENINGS |        |       |      |       |        |         |       |       |       |       |       |       |       |
|-------------------------|--------|-------|------|-------|--------|---------|-------|-------|-------|-------|-------|-------|-------|
| MODEL                   | SQUARE |       |      |       | HEX    |         |       |       | BORE  |       |       |       |       |
|                         | IN     |       | MM   |       | IN     |         | MM    |       | IN    |       | MM    |       |       |
|                         | SIZE   | P/N   | SIZE | P/N   | SIZE   | P/N     | SIZE  | P/N   | SIZE  | P/N   | SIZE  | P/N   |       |
| 73                      | 1/2    | 93208 | 13   | M3213 |        |         |       |       |       |       |       |       |       |
|                         | 5/8    | 93210 | 16   | M3216 |        |         |       |       |       |       |       |       |       |
|                         | 11/16  | 93211 | 17   | M3217 |        |         |       |       |       |       |       |       |       |
|                         | 3/4    | 93212 | 19   | M3219 | 3/4    | 93312   | 19    | M3319 | 3/4   | 93112 | 19    | M3119 |       |
|                         | 13/16  | 93213 | 20   | M3220 |        |         |       |       |       |       |       |       |       |
|                         | 7/8    | 93214 | 22   | M3222 | 7/8    | 93314   | 22    | M3322 |       |       |       |       |       |
|                         |        |       |      | 24    | M3224  |         |       |       | 24    | M3324 |       |       |       |
|                         | 1      | 93216 | 25   | M3225 | 1      | 93316   | 25    | M3325 | 1     | 93116 | 25    | M3125 |       |
|                         | 1 1/16 | 93217 | 27   | M3227 |        |         |       | 27    | M3327 |       |       |       |       |
|                         | 1 1/8  | 93218 | 28   | M3228 | 1 1/8  | 93318   | 28    | M3328 | 1 1/8 | 93118 | 28    | M3128 |       |
|                         |        |       |      |       |        |         | 30    | M3330 |       |       |       |       |       |
|                         |        |       |      |       | 1 1/4  | 93320   | 32    | M3332 | 1 1/4 | 93120 | 32    | M3132 |       |
|                         |        |       |      |       |        |         | 36    | M3336 |       |       |       |       |       |
| 74                      | 3/4    | 94212 | 19   | M4219 |        |         |       |       | 3/4   | 94112 | 19    | M4119 |       |
|                         | 7/8    | 94214 | 22   | M4222 | 7/8    | 94314   | 22    | M4322 |       |       |       |       |       |
|                         | 1      | 94216 | 25   | M4225 | 1      | 94316   | 25    | M4325 | 1     | 94116 | 25    | M4125 |       |
|                         | 1 1/16 | 94217 | 27   | M4227 | 1 1/16 | 94317   | 27    | M4327 |       |       |       |       |       |
|                         | 1 1/8  | 94218 | 28   | M4228 | 1 1/8  | 94318   | 28    | M4328 |       |       |       |       |       |
|                         | 1 3/16 | 94219 | 30   | M4230 |        |         |       | 30    | M4330 |       |       |       |       |
|                         | 1 1/4  | 94220 | 32   | M4232 | 1 1/4  | 94320   | 32    | M4332 | 1 1/4 | 94120 | 32    | M4132 |       |
|                         | 1 3/8  | 94222 | 34   | M4234 | 1 3/8  | 94322   | 34    | M4334 | 1 3/8 | 94122 | 34    | M4134 |       |
|                         | 1 7/16 | 94223 | 36   | M4236 | 1 7/16 | 94323   | 36    | M4336 |       |       |       |       |       |
|                         | 1 1/2  | 94224 | 38   | M4238 | 1 1/2  | 94324   | 38    | M4338 | 1 1/2 | 94124 | 38    | M4138 |       |
|                         |        |       |      |       |        |         |       | 41    | M4341 |       |       |       |       |
|                         |        |       |      |       |        |         |       | 42    | M4342 | 1 3/4 | 94128 | 42    | M4142 |
|                         |        |       |      |       |        | 1 13/16 | 94329 | 46    | M4346 |       |       |       |       |



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| SERIES 70 GEAR OPENINGS |         |       |      |       |         |         |       |       |       |       |      |       |  |
|-------------------------|---------|-------|------|-------|---------|---------|-------|-------|-------|-------|------|-------|--|
| MODEL                   | SQUARE  |       |      |       | HEX     |         |       |       | BORE  |       |      |       |  |
|                         | IN      |       | MM   |       | IN      |         | MM    |       | IN    |       | MM   |       |  |
|                         | SIZE    | P/N   | SIZE | P/N   | SIZE    | P/N     | SIZE  | P/N   | SIZE  | P/N   | SIZE | P/N   |  |
| 75                      | 1 1/16  | 95217 | 27   | M5227 |         |         |       |       |       |       |      |       |  |
|                         | 1 1/8   | 95218 | 28   | M5228 |         |         |       |       |       |       |      |       |  |
|                         | 1 1/4   | 95220 | 32   | M5232 | 1 1/4   | 95320   | 32    | M5332 | 1 1/4 | 95120 | 32   | M5132 |  |
|                         | 1 3/8   | 95222 | 34   | M5234 |         |         |       |       | 1 3/8 | 95122 | 34   | M5134 |  |
|                         |         |       |      |       | 1 7/16  | 95323   | 36    | M5336 |       |       |      |       |  |
|                         | 1 1/2   | 95224 | 38   | M5238 | 1 1/2   | 95324   | 38    | M5338 | 1 1/2 | 95124 | 38   | M5138 |  |
|                         | 1 5/8   | 95226 | 41   | M5241 | 1 5/8   | 95326   | 41    | M5341 |       |       |      |       |  |
|                         |         |       |      |       | 1 11/16 | 95327   |       |       |       |       |      |       |  |
|                         | 1 3/4   | 95228 | 42   | M5242 |         |         | 42    | M5342 | 1 3/4 | 95128 | 42   | M5142 |  |
|                         | 1 13/16 | 95229 | 46   | M5246 | 1 13/16 | 95329   | 46    | M5346 |       |       |      |       |  |
|                         | 1 7/8   | 95230 | 47   | M5247 | 1 7/8   | 95330   | 47    | M5347 | 1 7/8 | 95130 | 47   | M5147 |  |
|                         | 2       | 95232 | 50   | M5250 | 2       | 95332   | 50    | M5350 | 2     | 95132 | 50   | M5150 |  |
|                         |         |       |      |       | 2 1/8   | 95334   | 55    | M5355 |       |       |      |       |  |
|                         |         |       |      |       | 2 3/16  | 95335   |       |       |       |       |      |       |  |
|                         |         |       |      |       | 2 1/4   | 95336   | 60    | M5360 | 2 1/4 | 95136 | 60   | M5160 |  |
|                         |         |       |      |       | 2 3/8   | 95338   |       |       |       |       |      |       |  |
|                         | 76      |       |      |       |         | 1 11/16 | 96327 |       |       |       |      |       |  |
|                         |         |       |      |       |         |         | 42    | M6342 |       |       |      |       |  |
| 1 7/8                   |         | 96230 | 47   | M6247 |         |         |       |       |       |       |      |       |  |
| 2                       |         | 96232 | 50   | M6250 |         |         |       |       |       |       |      |       |  |
| 2 1/4                   |         | 96236 | 60   | M6260 |         |         | 60    | M6360 |       |       |      |       |  |
| 2 3/8                   |         | 96238 |      |       | 2 3/8   | 96338   |       |       |       |       |      |       |  |
| 2 1/2                   |         | 96240 | 65   | M6265 | 2 1/2   | 96340   | 65    | M6365 |       |       |      |       |  |
|                         |         |       |      |       | 2 9/16  | 96341   |       |       |       |       |      |       |  |
|                         |         |       |      |       | 2 5/8   | 96342   |       |       |       |       |      |       |  |
|                         |         |       |      |       | 2 3/4   | 96344   | 70    | M6370 |       |       |      |       |  |
|                         |         |       |      |       | 2 15/16 | 96347   | 75    | M6375 |       |       |      |       |  |
|                         |         |       |      |       | 3       | 96348   |       |       |       |       |      |       |  |
|                         |         |       |      |       | 3 1/8   | 96350   | 80    | M6380 |       |       |      |       |  |
|                         |         |       |      | 3 1/4 | 96352   |         |       |       |       |       |      |       |  |



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| SERIES 70 GEAR OPENINGS |         |       |      |       |       |       |      |       |      |     |       |       |          |
|-------------------------|---------|-------|------|-------|-------|-------|------|-------|------|-----|-------|-------|----------|
| MODEL                   | SQUARE  |       |      |       | HEX   |       |      |       | BORE |     |       |       |          |
|                         | IN      |       | MM   |       | IN    |       | MM   |       | IN   |     | MM    |       |          |
|                         | SIZE    | P/N   | SIZE | P/N   | SIZE  | P/N   | SIZE | P/N   | SIZE | P/N | SIZE  | P/N   | P/N      |
| 77                      | 2 1/8   | 97234 |      |       |       |       |      |       |      |     |       |       |          |
|                         | 2 1/2   | 97240 |      |       |       |       |      |       |      |     |       |       |          |
|                         | 2 3/4   | 97244 | 70   | M7270 |       |       |      |       |      |     |       |       |          |
|                         | 2 7/8   | 97246 |      |       |       |       |      |       |      |     |       |       |          |
|                         | 2 15/16 | 97247 | 75   | M7275 |       |       |      |       |      |     |       |       |          |
|                         | 3       | 97248 |      |       |       |       |      |       |      |     |       |       |          |
|                         | 3 1/8   | 97250 | 80   | M7280 |       |       |      |       |      |     |       |       |          |
|                         | 3 1/4   | 97252 |      |       | 3 1/4 | 97352 | 85   | M7385 |      |     |       |       |          |
|                         |         |       |      |       | 3 1/2 | 97356 | 90   | M7390 |      |     |       |       |          |
|                         |         |       |      |       | 3 3/4 | 97360 | 95   | M7395 |      |     |       |       |          |
|                         |         |       |      | 3 7/8 | 97362 |       |      |       |      |     |       |       |          |
| 78                      |         |       |      |       |       |       |      |       |      |     | 2 3/4 | 98144 | 70 M8170 |
|                         | 3 1/4   | 98252 |      |       |       |       |      |       |      |     |       |       |          |
|                         | 3 1/2   | 98256 |      |       |       |       |      |       |      |     |       |       |          |
|                         | 3 3/4   | 98260 | 95   | M8295 |       |       |      |       |      |     |       |       |          |
|                         | 3 7/8   | 98262 |      |       | 3 7/8 | 98362 | 100  | N8300 |      |     |       |       |          |
|                         |         |       |      |       | 4     | 98364 | 105  | M8305 |      |     |       |       |          |
|                         |         |       |      |       | 4 1/8 | 98366 | 110  | N8310 |      |     |       |       |          |
|                         |         |       |      |       | 4 1/4 | 98368 | 115  | N8315 |      |     |       |       |          |
|                         |         |       |      |       | 4 1/2 | 98372 | 120  | N8320 |      |     |       |       |          |
|                         |         |       |      |       | 4 5/8 | 98374 |      |       |      |     |       |       |          |

SPECIAL GEAR OPENING SHAPES AND SIZES ARE AVAILABLE UPON REQUEST.