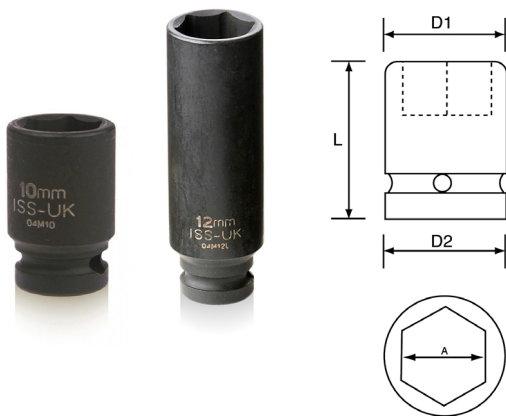


# KUUSIOHYLSYT 1/4" VÄÄNTIÖ

| A   | Nimike   |           | D2<br>mm | D1<br>mm | L<br>mm |       |
|-----|----------|-----------|----------|----------|---------|-------|
|     | Vakio    | Pitkä     |          |          | Vakio   | Pitkä |
| mm  |          |           |          |          |         |       |
| 4   | H04M04   | H04M04L   | 13       | 7,6      | 23      | 50    |
| 4,5 | H04M04.5 | H04M04.5L | 13       | 8,2      | 23      | 50    |
| 5   | H04M05   | H04M05L   | 13       | 8,8      | 23      | 50    |
| 5,5 | H04M05.5 | H04M05.5L | 13       | 9,5      | 23      | 50    |
| 6   | H04M06   | H04M06L   | 13       | 10       | 23      | 50    |
| 7   | H04M07   | H04M07L   | 13       | 11,3     | 23      | 50    |
| 8   | H04M08   | H04M08L   | 13       | 12,5     | 23      | 50    |
| 9   | H04M09   | H04M09L   | 13       | 13,8     | 23      | 50    |
| 10  | H04M10   | H04M10L   | 13       | 15       | 23      | 50    |
| 11  | H04M11   | H04M11L   | 13       | 16,3     | 23      | 50    |
| 12  | H04M12   | H04M12L   | 13       | 17       | 23      | 50    |
| 13  | H04M13   | H04M13L   | 13       | 18,8     | 23      | 50    |
| 14  | H04M14   | H04M14L   | 13       | 20       | 23      | 50    |

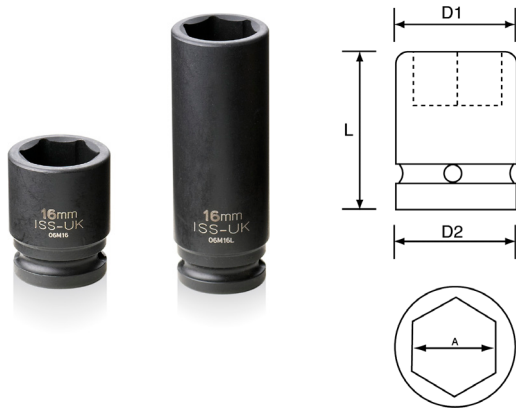
| A      | Nimike  |          | D2<br>mm | D1<br>mm | L<br>mm |       |
|--------|---------|----------|----------|----------|---------|-------|
|        | Vakio   | Pitkä    |          |          | Vakio   | Pitkä |
| tuuma  |         |          |          |          |         |       |
| 3/16"  | H0403   | H0403L   | 13       | 8,5      | 23      | 50    |
| 7/32"  | H0403.5 | H0403.5L | 13       | 9,5      | 23      | 50    |
| 1/4"   | H0404   | H0404L   | 13       | 10,3     | 23      | 50    |
| 9/32"  | H0404.5 | H0404.5L | 13       | 11,3     | 23      | 50    |
| 5/16"  | H0405   | H0405L   | 13       | 12,5     | 23      | 50    |
| 11/32" | H0405.5 | H0405.5L | 13       | 13,8     | 23      | 50    |
| 3/8"   | H0406   | H0406L   | 13       | 15       | 23      | 50    |
| 7/16"  | H0407   | H0407L   | 13       | 16,3     | 23      | 50    |
| 1/2"   | H0408   | H0408L   | 13       | 18,8     | 23      | 50    |
| 9/16"  | H0409   | H0409L   | 13       | 20       | 23      | 50    |



# KUUSIOHYLSYT 3/8" VÄÄNTIÖ

| A  | Nimike |         | D2<br>mm | D1<br>mm | L<br>mm |       |
|----|--------|---------|----------|----------|---------|-------|
|    | Vakio  | Pitkä   |          |          | Vakio   | Pitkä |
| mm |        |         |          |          |         |       |
| 6  | H06M06 | H06M06L | 19       | 11       | 30      | 63    |
| 7  | H06M07 | H06M07L | 19       | 12,5     | 30      | 63    |
| 8  | H06M08 | H06M08L | 19       | 13,8     | 30      | 63    |
| 9  | H06M09 | H06M09L | 19       | 15       | 30      | 65    |
| 10 | H06M10 | H06M10L | 19       | 16       | 30      | 65    |
| 11 | H06M11 | H06M11L | 19       | 17,5     | 30      | 65    |
| 12 | H06M12 | H06M12L | 19       | 19       | 30      | 65    |
| 13 | H06M13 | H06M13L | 22       | 20       | 30      | 65    |
| 14 | H06M14 | H06M14L | 22       | 21       | 30      | 65    |
| 15 | H06M15 | H06M15L | 22       | 22       | 30      | 65    |
| 16 | H06M16 | H06M16L | 22       | 24       | 30      | 65    |
| 17 | H06M17 | H06M17L | 22       | 25       | 30      | 65    |
| 18 | H06M18 | H06M18L | 22       | 26       | 30      | 65    |
| 19 | H06M19 | H06M19L | 22       | 27,5     | 30      | 65    |
| 20 | H06M20 | H06M20L | 22       | 28       | 30      | 65    |
| 21 | H06M21 | H06M21L | 22       | 30       | 30      | 65    |
| 22 | H06M22 | H06M22L | 23       | 32       | 30      | 65    |
| 24 | H06M24 | H06M24L | 23       | 34       | 30      | 65    |

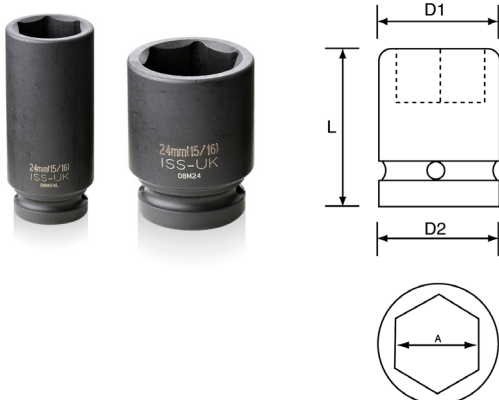
| A      | Nimike |        | D2<br>mm | D1<br>mm | L<br>mm |       |
|--------|--------|--------|----------|----------|---------|-------|
|        | Vakio  | Pitkä  |          |          | Vakio   | Pitkä |
| tuuma  |        |        |          |          |         |       |
| 1/4"   | H0604  | H0604L | 19       | 11       | 30      | 63    |
| 5/16"  | H0605  | H0605L | 19       | 12,5     | 30      | 63    |
| 3/8"   | H0606  | H0606L | 19       | 14,5     | 30      | 65    |
| 7/16"  | H0607  | H0607L | 19       | 17       | 30      | 65    |
| 1/2"   | H0608  | H0608L | 19       | 19       | 30      | 65    |
| 9/16"  | H0609  | H0609L | 20       | 20       | 30      | 65    |
| 5/8"   | H0610  | H0610L | 24       | 24       | 30      | 65    |
| 11/16" | H0611  | H0611L | 24       | 24       | 30      | 65    |
| 3/4"   | H0612  | H0612L | 26       | 26       | 30      | 65    |
| 13/16" | H0613  | H0613L | 28       | 28       | 30      | 65    |
| 7/8"   | H0614  | H0614L | 30       | 30       | 30      | 65    |
| 15/16" | H0615  | H0615L | 32       | 32       | 30      | 65    |
| 1"     | H0616  | H0616L | 34       | 34       | 30      | 65    |



# KUUSIOHYLSYT 1/2" VÄÄNTIÖ

| A  | Nimike |         | D2<br>mm | D1<br>mm | L<br>mm |       |
|----|--------|---------|----------|----------|---------|-------|
|    | Vakio  | Pitkä   |          |          | Vakio   | Pitkä |
| mm |        |         |          |          |         |       |
| 6  | H08M06 | H08M06L | 25       | 13       | 38      | 78    |
| 7  | H08M07 | H08M07L | 25       | 14       | 38      | 78    |
| 8  | H08M08 | H08M08L | 25       | 15       | 38      | 78    |
| 9  | H08M09 | H08M09L | 25       | 16       | 38      | 78    |
| 10 | H08M10 | H08M10L | 25       | 17,5     | 38      | 78    |
| 11 | H08M11 | H08M11L | 25       | 18,7     | 38      | 78    |
| 12 | H08M12 | H08M12L | 25       | 20       | 38      | 78    |
| 13 | H08M13 | H08M13L | 25       | 21       | 38      | 78    |
| 14 | H08M14 | H08M14L | 25       | 22,5     | 38      | 78    |
| 15 | H08M15 | H08M15L | 30       | 23,7     | 38      | 78    |
| 16 | H08M16 | H08M16L | 30       | 25       | 38      | 78    |
| 17 | H08M17 | H08M17L | 30       | 26       | 38      | 78    |
| 18 | H08M18 | H08M18L | 30       | 27,5     | 38      | 78    |
| 19 | H08M19 | H08M19L | 30       | 28,7     | 38      | 78    |
| 20 | H08M20 | H08M20L | 30       | 30       | 38      | 78    |
| 21 | H08M21 | H08M21L | 30       | 30       | 38      | 78    |
| 22 | H08M22 | H08M22L | 30       | 32       | 38      | 78    |
| 23 | H08M23 | H08M23L | 30       | 32       | 38      | 78    |
| 24 | H08M24 | H08M24L | 30       | 35       | 45      | 78    |
| 25 | H08M25 | H08M25L | 30       | 36       | 45      | 78    |
| 26 | H08M26 | H08M26L | 30       | 38       | 50      | 78    |
| 27 | H08M27 | H08M27L | 30       | 38,7     | 50      | 78    |
| 28 | H08M28 | H08M28L | 30       | 40       | 50      | 78    |
| 29 | H08M29 | H08M29L | 30       | 40       | 50      | 78    |
| 30 | H08M30 | H08M30L | 30       | 42       | 50      | 78    |
| 31 | H08M31 | H08M31L | 30       | 43       | 50      | 78    |
| 32 | H08M32 | H08M32L | 30       | 44       | 50      | 78    |
| 33 | H08M33 | H08M33L | 30       | 45       | 50      | 78    |
| 34 | H08M34 | H08M34L | 30       | 46       | 50      | 78    |
| 35 | H08M35 | H08M35L | 30       | 49       | 50      | 78    |
| 36 | H08M36 | H08M36L | 30       | 49       | 50      | 78    |
| 38 | H08M38 | H08M38L | 38       | 53       | 50      | 90    |
| 40 | H08M40 | H08M40L | 44       | 58       | 60      | 93    |
| 41 | H08M41 | H08M41L | 44       | 58       | 60      | 93    |
| 46 | H08M46 | H08M46L | 44       | 65       | 70      | 93    |
| 50 | H08M50 | H08M50L | 52       | 70       | 70      | 93    |
| 55 | H08M55 | H08M55L | 52       | 76       | 70      | 93    |

| A       | Nimike |        | D2<br>mm | D1<br>mm | L<br>mm |       |
|---------|--------|--------|----------|----------|---------|-------|
|         | Vakio  | Pitkä  |          |          | Vakio   | Pitkä |
| tuuma   |        |        |          |          |         |       |
| 5/16"   | H0805  | H0805L | 22       | 15       | 38      | 78    |
| 3/8"    | H0806  | H0806L | 22       | 16       | 38      | 78    |
| 7/16"   | H0807  | H0807L | 22       | 18       | 38      | 78    |
| 1/2"    | H0808  | H0808L | 22       | 20       | 38      | 78    |
| 9/16"   | H0809  | H0809L | 24       | 22       | 38      | 78    |
| 5/8"    | H0810  | H0810L | 25       | 25       | 38      | 78    |
| 11/16"  | H0811  | H0811L | 26       | 26       | 38      | 78    |
| 3/4"    | H0812  | H0812L | 28       | 28       | 38      | 78    |
| 13/16"  | H0813  | H0813L | 30       | 30       | 38      | 78    |
| 7/8"    | H0814  | H0814L | 32       | 32       | 38      | 78    |
| 15/16"  | H0815  | H0815L | 34       | 34       | 38      | 78    |
| 1"      | H0816  | H0816L | 36       | 36       | 38      | 78    |
| 1 1/16" | H0817  | H0817L | 38       | 38       | 40      | 78    |
| 1 1/8"  | H0818  | H0818L | 38       | 40       | 40      | 78    |
| 1 3/16" | H0819  | H0819L | 38       | 42       | 40      | 78    |
| 1 1/4"  | H0820  | H0820L | 38       | 44       | 40      | 78    |
| 1 5/16" | H0821  | H0821L | 38       | 45       | 43      | 78    |
| 1 3/8"  | H0822  | H0822L | 38       | 48,5     | 50      | 78    |
| 1 7/16" | H0823  | H0823L | 38       | 50,5     | 50      | 78    |
| 1 1/2"  | H0824  | H0824L | 38       | 52,5     | 50      | 78    |



# KUUSIOHYLSYT 3/4" VÄÄNTIÖ

| A  | Nimike |         | D2 mm | D1 mm | L mm  |       |
|----|--------|---------|-------|-------|-------|-------|
|    | Vakio  | Pitkä   |       |       | Vakio | Pitkä |
| mm |        |         |       |       |       |       |
| 13 | H12M13 | H12M13L | 44    | 25    | 50    | 95    |
| 14 | H12M14 | H12M14L | 44    | 25    | 50    | 95    |
| 15 | H12M15 | H12M15L | 44    | 26    | 50    | 95    |
| 16 | H12M16 | H12M16L | 44    | 27    | 50    | 95    |
| 17 | H12M17 | H12M17L | 44    | 31    | 50    | 95    |
| 18 | H12M18 | H12M18L | 44    | 32    | 50    | 95    |
| 19 | H12M19 | H12M19L | 44    | 33    | 50    | 95    |
| 20 | H12M20 | H12M20L | 44    | 34    | 50    | 95    |
| 21 | H12M21 | H12M21L | 44    | 35    | 50    | 95    |
| 22 | H12M22 | H12M22L | 44    | 37    | 50    | 95    |
| 23 | H12M23 | H12M23L | 44    | 38    | 50    | 95    |
| 24 | H12M24 | H12M24L | 44    | 39    | 50    | 95    |
| 25 | H12M25 | H12M25L | 44    | 40    | 50    | 95    |
| 26 | H12M26 | H12M26L | 44    | 41    | 50    | 95    |
| 27 | H12M27 | H12M27L | 44    | 43    | 54    | 95    |
| 28 | H12M28 | H12M28L | 44    | 44    | 54    | 95    |
| 29 | H12M29 | H12M29L | 44    | 45    | 54    | 95    |
| 30 | H12M30 | H12M30L | 44    | 47    | 54    | 95    |
| 31 | H12M31 | H12M31L | 44    | 48    | 56    | 95    |
| 32 | H12M32 | H12M32L | 44    | 49    | 56    | 95    |
| 33 | H12M33 | H12M33L | 44    | 51    | 56    | 95    |
| 34 | H12M34 | H12M34L | 44    | 52    | 56    | 95    |
| 35 | H12M35 | H12M35L | 44    | 53    | 56    | 95    |
| 36 | H12M36 | H12M36L | 44    | 54    | 56    | 95    |
| 37 | H12M37 | H12M37L | 44    | 56    | 58    | 95    |
| 38 | H12M38 | H12M38L | 44    | 57    | 58    | 95    |
| 39 | H12M39 | H12M39L | 44    | 58    | 58    | 95    |
| 40 | H12M40 | H12M40L | 44    | 58    | 58    | 95    |
| 41 | H12M41 | H12M41L | 44    | 60    | 58    | 95    |
| 42 | H12M42 | H12M42L | 44    | 62    | 58    | 95    |
| 43 | H12M43 | H12M43L | 44    | 63    | 63    | 95    |
| 44 | H12M44 | H12M44L | 44    | 65    | 63    | 95    |
| 45 | H12M45 | H12M45L | 44    | 66    | 63    | 95    |
| 46 | H12M46 | H12M46L | 44    | 67    | 63    | 95    |
| 47 | H12M47 | H12M47L | 44    | 68    | 68    | 95    |
| 48 | H12M48 | H12M48L | 44    | 69    | 68    | 95    |
| 49 | H12M49 | H12M49L | 44    | 70    | 70    | 95    |
| 50 | H12M50 | H12M50L | 54    | 71    | 72    | 95    |
| 51 | H12M51 | H12M51L | 54    | 72    | 72    | 95    |
| 52 | H12M52 | H12M52L | 54    | 74    | 72    | 95    |
| 54 | H12M54 | H12M54L | 54    | 77    | 72    | 95    |
| 55 | H12M55 | H12M55L | 54    | 77    | 74    | 100   |
| 56 | H12M56 | H12M56L | 54    | 80    | 74    | 100   |
| 57 | H12M57 | H12M57L | 54    | 80    | 74    | 105   |
| 58 | H12M58 | H12M58L | 54    | 81    | 75    | 105   |
| 60 | H12M60 | H12M60L | 54    | 84    | 75    | 105   |
| 63 | H12M63 | H12M63L | 54    | 86    | 75    | 105   |
| 65 | H12M65 | H12M65L | 54    | 88    | 78    | 105   |
| 67 | H12M67 | -       | 54    | 90    | 80    | -     |
| 70 | H12M70 | H12M70L | 54    | 96    | 80    | 105   |
| 75 | H12M75 | H12M75L | 64    | 102   | 83    | 108   |

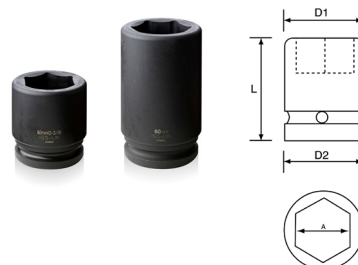
| A        | Nimike |        | D2 mm | D1 mm | L mm  |       |
|----------|--------|--------|-------|-------|-------|-------|
|          | Vakio  | Pitkä  |       |       | Vakio | Pitkä |
| tuuma    |        |        |       |       |       |       |
| 1/2"     | H1208  | H1208L | 38    | 22    | 50    | 85    |
| 9/16"    | H1209  | H1209L | 38    | 25,5  | 50    | 85    |
| 5/8"     | H1210  | H1210L | 38    | 27,5  | 50    | 85    |
| 11/16"   | H1211  | H1211L | 38    | 29    | 50    | 85    |
| 3/4"     | H1212  | H1212L | 38    | 30    | 50    | 85    |
| 13/16"   | H1213  | H1213L | 38    | 32    | 52    | 85    |
| 7/8"     | H1214  | H1214L | 38    | 34    | 52    | 85    |
| 15/16"   | H1215  | H1215L | 38    | 36    | 52    | 85    |
| 1"       | H1216  | H1216L | 38    | 40    | 52    | 85    |
| 1 1/16"  | H1217  | H1217L | 38    | 40    | 52    | 85    |
| 1 1/8"   | H1218  | H1218L | 42    | 42    | 52    | 85    |
| 1 3/16"  | H1219  | H1219L | 44    | 44    | 52    | 85    |
| 1 1/4"   | H1220  | H1220L | 44    | 44    | 52    | 85    |
| 1 5/16"  | H1221  | H1221L | 44    | 47    | 56    | 85    |
| 1 3/8"   | H1222  | H1222L | 44    | 50    | 56    | 85    |
| 1 7/16"  | H1223  | H1223L | 44    | 51    | 56    | 85    |
| 1 1/2"   | H1224  | H1224L | 44    | 53    | 56    | 95    |
| 1 9/16"  | H1225  | H1225L | 44    | 56    | 62    | 95    |
| 1 5/8"   | H1226  | H1226L | 44    | 58    | 62    | 95    |
| 1 11/16" | H1227  | H1227L | 44    | 63,5  | 62    | 95    |
| 1 3/4"   | H1228  | H1228L | 44    | 65    | 62    | 95    |
| 1 13/16" | H1229  | H1229L | 44    | 67    | 68    | 95    |
| 1 7/8"   | H1230  | H1230L | 44    | 68    | 68    | 95    |
| 1 15/16" | H1231  | H1231L | 44    | 70    | 70    | 95    |
| 2"       | H1232  | H1232L | 54    | 71    | 72    | 95    |
| 2 1/16"  | H1233  | H1233L | 54    | 74    | 72    | 95    |
| 2 1/8"   | H1234  | H1234L | 54    | 77    | 72    | 95    |
| 2 3/16"  | H1235  | H1235L | 54    | 77    | 74    | 100   |
| 2 1/4"   | H1236  | H1236L | 54    | 80    | 74    | 100   |
| 2 5/16"  | H1237  | H1237L | 54    | 82    | 75    | 100   |
| 2 3/8"   | H1238  | H1238L | 54    | 84    | 75    | 105   |
| 2 7/16"  | H1239  | H1239L | 54    | 86    | 75    | 105   |
| 2 1/2"   | H1240  | H1240L | 54    | 88    | 75    | 105   |
| 2 9/16"  | H1241  | H1241L | 54    | 90    | 78    | 105   |



# KUUSIOHYLSYT 1" VÄÄNTIÖ

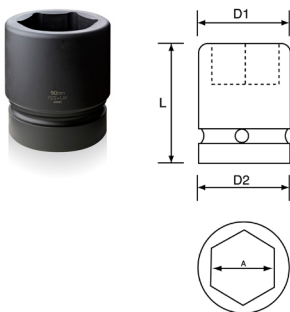
| A   | Nimike  |          | D2 mm | D1 mm | L mm  |       |
|-----|---------|----------|-------|-------|-------|-------|
|     | Vakio   | Pitkä    |       |       | Vakio | Pitkä |
| mm  |         |          |       |       |       |       |
| 17  | H16M17  | H16M17L  | 54    | 34    | 60    | 100   |
| 18  | H16M18  | H16M18L  | 54    | 35    | 60    | 100   |
| 19  | H16M19  | H16M19L  | 54    | 36    | 60    | 100   |
| 20  | H16M20  | H16M20L  | 54    | 37    | 60    | 100   |
| 21  | H16M21  | H16M21L  | 54    | 38    | 60    | 100   |
| 22  | H16M22  | H16M22L  | 54    | 40    | 60    | 100   |
| 23  | H16M23  | H16M23L  | 54    | 41    | 60    | 100   |
| 24  | H16M24  | H16M24L  | 54    | 42    | 60    | 100   |
| 25  | H16M25  | H16M25L  | 54    | 43    | 60    | 100   |
| 26  | H16M26  | H16M26L  | 54    | 44,5  | 60    | 100   |
| 27  | H16M27  | H16M27L  | 54    | 46    | 60    | 100   |
| 28  | H16M28  | H16M28L  | 54    | 47    | 62    | 100   |
| 29  | H16M29  | H16M29L  | 54    | 48    | 62    | 100   |
| 30  | H16M30  | H16M30L  | 54    | 50    | 62    | 100   |
| 31  | H16M31  | H16M31L  | 54    | 51    | 62    | 100   |
| 32  | H16M32  | H16M32L  | 54    | 52    | 62    | 100   |
| 33  | H16M33  | H16M33L  | 54    | 53    | 62    | 100   |
| 34  | H16M34  | H16M34L  | 54    | 55    | 62    | 100   |
| 35  | H16M35  | H16M35L  | 54    | 56    | 65    | 100   |
| 36  | H16M36  | H16M36L  | 54    | 57    | 67    | 100   |
| 37  | H16M37  | H16M37L  | 54    | 59    | 67    | 100   |
| 38  | H16M38  | H16M38L  | 54    | 60    | 67    | 100   |
| 39  | H16M39  | H16M39L  | 54    | 61    | 70    | 100   |
| 40  | H16M40  | H16M40L  | 54    | 62    | 70    | 100   |
| 41  | H16M41  | H16M41L  | 54    | 63    | 70    | 100   |
| 42  | H16M42  | H16M42L  | 54    | 65    | 74    | 100   |
| 43  | H16M43  | H16M43L  | 54    | 66    | 74    | 100   |
| 44  | H16M44  | H16M44L  | 54    | 67    | 74    | 100   |
| 45  | H16M45  | H16M45L  | 54    | 68    | 74    | 100   |
| 46  | H16M46  | H16M46L  | 54    | 70    | 76    | 100   |
| 47  | H16M47  | H16M47L  | 54    | 71,5  | 76    | 100   |
| 48  | H16M48  | H16M48L  | 54    | 72,5  | 76    | 100   |
| 50  | H16M50  | H16M50L  | 54    | 75    | 80    | 100   |
| 51  | H16M51  | H16M51L  | 54    | 76    | 80    | 100   |
| 52  | H16M52  | H16M52L  | 54    | 77    | 84    | 100   |
| 53  | H16M53  | H16M53L  | 54    | 78    | 84    | 100   |
| 54  | H16M54  | H16M54L  | 54    | 80    | 84    | 100   |
| 55  | H16M55  | H16M55L  | 54    | 81    | 84    | 100   |
| 56  | H16M56  | H16M56L  | 54    | 82    | 84    | 105   |
| 57  | H16M57  | H16M57L  | 54    | 84    | 84    | 105   |
| 58  | H16M58  | H16M58L  | 54    | 85    | 87    | 105   |
| 60  | H16M60  | H16M60L  | 54    | 87    | 87    | 120   |
| 62  | H16M62  | H16M62L  | 54    | 89    | 87    | 120   |
| 63  | H16M63  | H16M63L  | 54    | 90    | 87    | 120   |
| 65  | H16M65  | H16M65L  | 54    | 93    | 90    | 125   |
| 66  | H16M66  | -        | 54    | 95    | 92    | -     |
| 67  | H16M67  | H16M67L  | 54    | 96    | 92    | 125   |
| 70  | H16M70  | H16M70L  | 54    | 100   | 96    | 125   |
| 75  | H16M75  | H16M75L  | 86    | 106   | 98    | 135   |
| 77  | H16M77  | H16M77L  | 86    | 109   | 100   | 135   |
| 78  | H16M78  | H16M78L  | 86    | 110   | 100   | 135   |
| 80  | H16M80  | H16M80L  | 86    | 112   | 100   | 135   |
| 85  | H16M85  | H16M85L  | 86    | 118   | 100   | 140   |
| 90  | H16M90  | H16M90L  | 86    | 125   | 105   | 140   |
| 95  | H16M95  | H16M95L  | 86    | 131   | 115   | 140   |
| 100 | H16M100 | H16M100L | 86    | 137   | 115   | 140   |
| 105 | H16M105 | H16M105L | 95    | 143   | 115   | 155   |
| 110 | H16M110 | H16M110L | 95    | 149   | 115   | 155   |
| 115 | H16M115 | H16M115L | 95    | 155   | 115   | 155   |

| A        | Nimike |        | D2 mm | D1 mm | L mm  |       |
|----------|--------|--------|-------|-------|-------|-------|
|          | Vakio  | Pitkä  |       |       | Vakio | Pitkä |
| tuuma    |        |        |       |       |       |       |
| 5/8"     | H1610  | H1610L | 51    | 32    | 58    | 90    |
| 11/16"   | H1611  | H1611L | 51    | 34    | 58    | 90    |
| 3/4"     | H1612  | H1612L | 51    | 36    | 58    | 90    |
| 13/16"   | H1613  | H1613L | 51    | 38    | 58    | 90    |
| 7/8"     | H1614  | H1614L | 51    | 39    | 58    | 90    |
| 15/16"   | H1615  | H1615L | 51    | 40    | 58    | 90    |
| 1"       | H1616  | H1616L | 51    | 42    | 58    | 90    |
| 1 1/16"  | H1617  | H1617L | 51    | 44    | 58    | 90    |
| 1 1/8"   | H1618  | H1618L | 51    | 46    | 58    | 90    |
| 1 3/16"  | H1619  | H1619L | 51    | 48    | 60    | 90    |
| 1 1/4"   | H1620  | H1620L | 51    | 51    | 60    | 90    |
| 1 5/16"  | H1621  | H1621L | 52    | 53    | 62    | 90    |
| 1 3/8"   | H1622  | H1622L | 52    | 54    | 62    | 90    |
| 1 7/16"  | H1623  | H1623L | 52    | 56    | 62    | 90    |
| 1 1/2"   | H1624  | H1624L | 52    | 58    | 62    | 92    |
| 1 9/16"  | H1625  | H1625L | 52    | 60    | 62    | 92    |
| 1 5/8"   | H1626  | H1626L | 52    | 61,5  | 62    | 92    |
| 1 11/16" | H1627  | H1627L | 52    | 65    | 64    | 92    |
| 1 3/4"   | H1628  | H1628L | 58    | 66    | 64    | 92    |
| 1 13/16" | H1629  | H1629L | 58    | 68    | 64    | 92    |
| 1 7/8"   | H1630  | H1630L | 58    | 70    | 66    | 92    |
| 1 15/16" | H1631  | H1631L | 58    | 72    | 68    | 92    |
| 2"       | H1632  | H1632L | 58    | 74    | 70    | 95    |
| 2 1/16"  | H1633  | H1633L | 58    | 75    | 70    | 95    |
| 2 1/8"   | H1634  | H1634L | 58    | 78    | 70    | 100   |
| 2 3/16"  | H1635  | H1635L | 62    | 80    | 72    | 100   |
| 2 1/4"   | H1636  | H1636L | 62    | 84    | 75    | 100   |
| 2 5/16"  | H1637  | H1637L | 62    | 86    | 75    | 105   |
| 2 3/8"   | H1638  | H1638L | 62    | 87    | 78    | 105   |
| 2 7/16"  | H1639  | H1639L | 62    | 89    | 78    | 110   |
| 2 1/2"   | H1640  | H1640L | 62    | 91    | 80    | 110   |
| 2 9/16"  | H1641  | H1641L | 62    | 93    | 80    | 125   |
| 2 5/8"   | H1642  | H1642L | 62    | 95    | 82    | 125   |
| 2 11/16" | H1643  | H1643L | 62    | 97    | 82    | 125   |
| 2 3/4"   | H1644  | H1644L | 62    | 100   | 96    | 125   |
| 2 13/16" | H1645  | H1645L | 62    | 102   | 96    | 125   |
| 2 7/8"   | H1646  | H1646L | 86    | 104   | 96    | 125   |
| 2 15/16" | H1647  | H1647L | 86    | 105   | 98    | 135   |
| 3"       | H1648  | H1648L | 86    | 107   | 100   | 135   |
| 3 1/16"  | H1649  | H1649L | 86    | 110   | 100   | 135   |
| 3 1/8"   | H1650  | H1650L | 86    | 111   | 100   | 135   |
| 3 1/4"   | H1652  | H1652L | 86    | 115   | 100   | 135   |
| 3 3/8"   | H1654  | H1654L | 86    | 119   | 105   | 140   |
| 3 1/2"   | H1656  | H1656L | 86    | 124   | 105   | 140   |
| 3 5/8"   | H1658  | -      | 86    | 127   | 105   | -     |
| 3 3/4"   | H1660  | -      | 86    | 131   | 115   | -     |
| 3 7/8"   | H1662  | H1662L | 86    | 135   | 115   | 140   |
| 4"       | H1664  | -      | 86    | 139   | 115   | -     |
| 4 1/8"   | H1666  | -      | 95    | 143   | 115   | -     |
| 4 1/4"   | H1668  | -      | 95    | 147   | 115   | -     |
| 4 1/2"   | H1672  | -      | 95    | 154   | 115   | -     |



# KUUSIOHYLSYT 1 1/2" VÄÄNTIÖ

| A   | Nimike  |          | D2<br>mm | D1<br>mm | L<br>mm |       |
|-----|---------|----------|----------|----------|---------|-------|
|     | Vakio   | Pitkä    |          |          | Vakio   | Pitkä |
| mm  |         |          |          |          |         |       |
| 30  | H24M30  | -        | 86       | 56       | 78      | -     |
| 32  | H24M32  | -        | 86       | 58       | 78      | -     |
| 33  | H24M33  | -        | 86       | 60       | 78      | -     |
| 34  | H24M34  | -        | 86       | 61       | 78      | -     |
| 35  | H24M35  | -        | 86       | 64       | 78      | -     |
| 36  | H24M36  | H24M36L  | 86       | 64       | 78      | 115   |
| 38  | H24M38  | H24M38L  | 86       | 66       | 80      | 115   |
| 40  | H24M40  | -        | 86       | 68       | 80      | -     |
| 41  | H24M41  | H24M41L  | 86       | 70       | 80      | 115   |
| 42  | H24M42  | -        | 86       | 71       | 82      | -     |
| 45  | H24M45  | -        | 86       | 75       | 84      | -     |
| 46  | H24M46  | H24M46L  | 86       | 76       | 84      | 115   |
| 47  | H24M47  | -        | 86       | 77       | 87      | -     |
| 48  | H24M48  | -        | 86       | 79       | 87      | -     |
| 50  | H24M50  | H24M50L  | 86       | 81       | 87      | 135   |
| 52  | H24M52  | -        | 86       | 83       | 87      | -     |
| 54  | H24M54  | -        | 86       | 86       | 90      | -     |
| 55  | H24M55  | H24M55L  | 86       | 87       | 90      | 140   |
| 56  | H24M56  | -        | 86       | 88       | 92      | -     |
| 60  | H24M60  | H24M60L  | 86       | 94       | 95      | 150   |
| 65  | H24M65  | H24M65L  | 86       | 100      | 100     | 150   |
| 66  | H24M66  | -        | 86       | 102      | 105     | -     |
| 70  | H24M70  | H24M70L  | 86       | 106      | 105     | 160   |
| 75  | H24M75  | H24M75L  | 86       | 112      | 108     | 170   |
| 77  | H24M77  | -        | 86       | 114      | 108     | -     |
| 80  | H24M80  | H24M80L  | 86       | 119      | 115     | 170   |
| 85  | H24M85  | H24M85L  | 86       | 125      | 118     | 170   |
| 90  | H24M90  | H24M90L  | 86       | 131      | 123     | 170   |
| 95  | H24M95  | H24M95L  | 95       | 137      | 123     | 180   |
| 100 | H24M100 | H24M100L | 95       | 144      | 130     | 190   |
| 105 | H24M105 | H24M105L | 95       | 154      | 130     | 190   |
| 110 | H24M110 | H24M110L | 95       | 157      | 135     | 200   |
| 115 | H24M115 | H24M115L | 95       | 164      | 140     | 210   |
| 120 | H24M120 | H24M120L | 95       | 167      | 140     | 210   |
| 125 | H24M125 | -        | 125      | 174      | 140     | -     |



| A        | Nimike |        | D2<br>mm | D1<br>mm | L<br>mm |       |
|----------|--------|--------|----------|----------|---------|-------|
|          | Vakio  | Pitkä  |          |          | Vakio   | Pitkä |
| tuuma    |        |        |          |          |         |       |
| 1 1/4"   | H2420  | -      | 86       | 58       | 78      | -     |
| 1 5/16"  | H2421  | -      | 86       | 60       | 78      | -     |
| 1 3/8"   | H2422  | -      | 86       | 64       | 78      | -     |
| 1 7/16"  | H2423  | -      | 86       | 64       | 78      | -     |
| 1 1/2"   | H2424  | -      | 86       | 66       | 80      | -     |
| 1 9/16"  | H2425  | -      | 86       | 68       | 80      | -     |
| 1 5/8"   | H2426  | -      | 86       | 70       | 80      | -     |
| 1 11/16" | H2427  | -      | 86       | 73       | 82      | -     |
| 1 3/4"   | H2428  | -      | 86       | 75       | 84      | -     |
| 1 13/16" | H2429  | H2429L | 86       | 76       | 84      | 115   |
| 1 7/8"   | H2430  | -      | 86       | 78       | 87      | -     |
| 1 15/16" | H2431  | -      | 86       | 80       | 87      | -     |
| 2"       | H2432  | H2432L | 86       | 82       | 87      | 135   |
| 2 1/16"  | H2433  | -      | 86       | 83       | 87      | -     |
| 2 1/8"   | H2434  | -      | 86       | 86       | 90      | -     |
| 2 3/16"  | H2435  | H2435L | 86       | 88       | 90      | 140   |
| 2 1/4"   | H2436  | -      | 86       | 90       | 95      | -     |
| 2 5/16"  | H2437  | -      | 86       | 93       | 95      | -     |
| 2 3/8"   | H2438  | H2438L | 86       | 94       | 95      | 150   |
| 2 7/16"  | H2439  | -      | 86       | 96       | 100     | -     |
| 2 1/2"   | H2440  | -      | 86       | 98       | 100     | -     |
| 2 9/16"  | H2441  | H2441L | 86       | 100      | 100     | 150   |
| 2 5/8"   | H2442  | -      | 86       | 102      | 105     | -     |
| 2 11/16" | H2443  | -      | 86       | 104      | 105     | -     |
| 2 3/4"   | H2444  | H2444L | 86       | 106      | 105     | 160   |
| 2 13/16" | H2445  | -      | 86       | 108      | 108     | -     |
| 2 7/8"   | H2446  | -      | 86       | 110      | 108     | -     |
| 2 15/16" | H2447  | H2447L | 86       | 112      | 108     | 170   |
| 3"       | H2448  | -      | 86       | 113      | 108     | -     |
| 3 1/16"  | H2449  | -      | 86       | 115      | 115     | -     |
| 3 1/8"   | H2450  | H2450L | 86       | 118      | 115     | 170   |
| 3 3/16"  | H2451  | -      | 86       | 120      | 115     | -     |
| 3 1/4"   | H2452  | -      | 86       | 122      | 115     | -     |
| 3 5/16"  | H2453  | -      | 86       | 124      | 118     | -     |
| 3 3/8"   | H2454  | -      | 86       | 126      | 118     | -     |
| 3 7/16"  | H2455  | -      | 86       | 128      | 118     | -     |
| 3 1/2"   | H2456  | H2456L | 86       | 129      | 123     | 170   |
| 3 9/16"  | H2457  | -      | 86       | 131      | 123     | -     |
| 3 5/8"   | H2458  | -      | 86       | 133      | 123     | -     |
| 3 11/16" | H2459  | -      | 86       | 135      | 123     | -     |
| 3 3/4"   | H2460  | -      | 95       | 137      | 123     | -     |
| 3 13/16" | H2461  | -      | 95       | 137      | 130     | -     |
| 3 7/8"   | H2462  | H2462L | 95       | 144      | 130     | 180   |
| 4"       | H2464  | -      | 95       | 147      | 130     | -     |
| 4 1/16"  | H2465  | -      | 95       | 147      | 130     | -     |
| 4 1/8"   | H2466  | -      | 95       | 154      | 130     | -     |
| 4 3/16"  | H2467  | -      | 95       | 154      | 130     | -     |
| 4 1/4"   | H2468  | H2468L | 95       | 154      | 135     | 190   |
| 4 5/16"  | H2469  | -      | 95       | 157      | 135     | -     |
| 4 3/8"   | H2470  | -      | 95       | 157      | 135     | -     |
| 4 7/16"  | H2471  | -      | 95       | 157      | 135     | -     |
| 4 1/2"   | H2472  | -      | 95       | 164      | 140     | -     |
| 4 5/8"   | H2474  | H2474L | 95       | 164      | 140     | 210   |
| 4 3/4"   | H2476  | -      | 95       | 167      | 140     | -     |
| 5"       | H2480  | -      | 127      | 177      | 140     | -     |
| 5 3/8"   | H2486  | -      | 127      | 194      | 150     | -     |

# KUUSIOHYLSYT 2 1/2" VÄÄNTIÖ

| A   | Nimike  | D2<br>mm | D1<br>mm | L<br>mm |
|-----|---------|----------|----------|---------|
| mm  |         |          |          |         |
| 55  | H40M55  | 127      | 92       | 120     |
| 60  | H40M60  | 127      | 99       | 125     |
| 65  | H40M65  | 127      | 105      | 130     |
| 70  | H40M70  | 127      | 110      | 130     |
| 75  | H40M75  | 127      | 118      | 140     |
| 80  | H40M80  | 127      | 124      | 140     |
| 85  | H40M85  | 127      | 130      | 140     |
| 90  | H40M90  | 127      | 136      | 145     |
| 95  | H40M95  | 127      | 143      | 145     |
| 100 | H40M100 | 127      | 149      | 150     |
| 105 | H40M105 | 127      | 155      | 155     |
| 110 | H40M110 | 127      | 161      | 160     |
| 115 | H40M115 | 127      | 167      | 165     |
| 120 | H40M120 | 127      | 176      | 170     |
| 125 | H40M125 | 127      | 184      | 175     |
| 130 | H40M130 | 152      | 187      | 175     |
| 135 | H40M135 | 152      | 194      | 180     |
| 140 | H40M140 | 152      | 204      | 180     |
| 145 | H40M145 | 152      | 207      | 185     |
| 150 | H40M150 | 152      | 214      | 185     |
| 155 | H40M155 | 152      | 224      | 190     |
| 160 | H40M160 | 152      | 227      | 190     |
| 165 | H40M165 | 152      | 234      | 195     |
| 170 | H40M170 | 152      | 244      | 195     |
| 175 | H40M175 | 152      | 247      | 200     |
| 180 | H40M180 | 152      | 254      | 200     |
| 185 | H40M185 | 152      | 257      | 210     |
| 190 | H40M190 | 152      | 264      | 210     |
| 200 | H40M200 | 152      | 274      | 220     |
| 210 | H40M210 | 152      | 287      | 220     |

| A      | Nimike | D2<br>mm | D1<br>mm | L<br>mm |
|--------|--------|----------|----------|---------|
| tuuma  |        |          |          |         |
| 3"     | H4048  | 127      | 120      | 140     |
| 3 1/8" | H4050  | 127      | 124      | 140     |
| 3 1/4" | H4052  | 127      | 127      | 140     |
| 3 3/8" | H4054  | 127      | 131      | 140     |
| 3 1/2" | H4056  | 127      | 135      | 140     |
| 3 3/4" | H4060  | 127      | 143      | 145     |
| 3 7/8" | H4062  | 127      | 147      | 150     |
| 4 1/4" | H4068  | 127      | 159      | 160     |
| 4 3/8" | H4070  | 127      | 163      | 165     |
| 4 1/2" | H4072  | 127      | 167      | 165     |
| 4 5/8" | H4074  | 127      | 172      | 170     |
| 4 3/4" | H4076  | 127      | 176      | 170     |
| 5"     | H4080  | 127      | 184      | 175     |
| 5 1/8" | H4082  | 152      | 187      | 175     |
| 5 1/4" | H4084  | 152      | 194      | 175     |
| 5 3/8" | H4086  | 152      | 197      | 180     |
| 5 3/4" | H4092  | 152      | 214      | 185     |
| 5 7/8" | H4094  | 152      | 214      | 185     |
| 6"     | H4096  | 152      | 217      | 158     |
| 6 1/8" | H4098  | 152      | 224      | 190     |
| 6 1/4" | H40100 | 152      | 227      | 190     |
| 6 3/8" | H40102 | 152      | 234      | 195     |
| 6 3/4" | H40108 | 152      | 244      | 195     |
| 7"     | H40112 | 152      | 254      | 200     |
| 7 1/2" | H40120 | 152      | 264      | 210     |
| 8"     | H40128 | 152      | 277      | 220     |

