

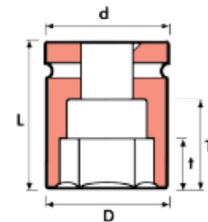


HYLSYT

KUUSIOHYLSYT

1/2" VÄÄNTIÖ

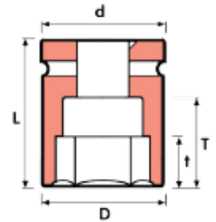
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä		Vakio	Pitkä	Vakio	Pitkä
mm											
6	000006MM	-	12	25	38	-	4	22	-	0.07	-
7	000007MM	-	13	25	38	-	5	22	-	0.07	-
8	000008MM	L00008MM	14.5	25	38	82	5	22	66	0.08	0.2
9	000009MM	L00009MM	16	25	38	82	5	22	66	0.09	0.2
10	000010MM	L00010MM	17	25	38	82	7	20	64	0.08	0.13
11	000011MM	L00011MM	18.5	25	38	82	7	20	64	0.08	0.15
12	000012MM	L00012MM	19.7	25	38	82	8	20	64	0.08	0.16
13	000013MM	L00013MM	21	25	38	82	8	20	64	0.09	0.17
14	000014MM	L00014MM	22.5	25	38	82	10	20	64	0.08	0.19
15	000015MM	L00015MM	23.5	30	38	82	10	20	64	0.13	0.24
16	000016MM	L00016MM	24.5	30	38	82	10	20	64	0.13	0.22
17	000017MM	L00017MM	26	30	38	82	10	20	64	0.13	0.24
18	000018MM	L00018MM	27.5	30	38	82	11	20	64	0.13	0.26
19	000019MM	L00019MM	29	30	38	82	11	20	64	0.13	0.28
20	000020MM	L00020MM	30	30	38	82	12	20	64	0.13	0.31
21	000021MM	L00021MM	31	30	38	82	12	20	64	0.13	0.31
22	000022MM	L00022MM	32.5	30	38	82	12	20	63	0.14	0.3
23	000023MM	L00023MM	33.5	30	38	82	13	20	63	0.14	0.33
24	000024MM	L00024MM	35	30	40	82	14	21	63	0.16	0.35
25	000025MM	L00025MM	37	30	40	82	14	22	64	0.18	0.35
26	000026MM	L00026MM	38	30	40	82	15	21	63	0.18	0.43
27	000027MM	L00027MM	38.5	30	45	82	16	25	63	0.21	0.43
28	000028MM	L00028MM	40	30	45	82	16	25	63	0.21	0.45
29	000029MM	L00029MM	41	30	45	82	17	25	62	0.19	0.46
30	000030MM	L00030MM	42.5	30	50	82	17	30	63	0.27	0.48
31	000031MM	L00031MM	44	40	50	82	17	30	62	0.33	0.56
32	000032MM	L00032MM	45	40	50	82	19	30	60	0.35	0.55
33	000033MM	L00033MM	46.5	40	50	82	19	31	62	0.35	0.56
34	000034MM	L00034MM	47	40	50	82	20	29	61	0.34	0.59
35	000035MM	L00035MM	49	40	56	82	20	35	61	0.35	0.64
36	000036MM	L00036MM	50	40	56	82	20	35	61	0.41	0.64
38	000038MM	L00038MM	52	40	56	82	21	34	60	0.44	0.66
41	000041MM	L00041MM	57	40	60	82	23	38	60	0.51	0.84
46	000046MM	L00046MM	63	40	65	82	25	42	59	0.84	0.84



KUUSIOHYLSYT

1/2" VÄÄNTIÖ

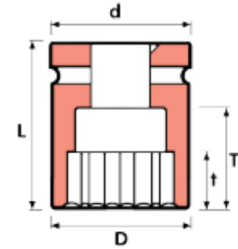
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä		Vakio	Pitkä	Vakio	Pitkä
tuuma											
1/4	000004	-	12	25	38	-	4	22	-	0.06	-
5/16	000005	-	14.5	25	38	-	5	22	-	0.07	-
3/8	000006	L00006	17	25	38	82	7	20	64	0.08	0.13
7/16	000007	L00007	18.5	25	38	82	7	20	64	0.08	0.15
1/2	000008	L00008	21	25	38	82	8	20	64	0.08	0.17
9/16	000009	L00009	22.5	25	38	82	10	20	64	0.08	0.19
5/8	000010	L00010	24.5	30	38	82	10	20	64	0.13	0.22
11/16	000011	L00011	26	30	38	82	10	20	64	0.13	0.24
3/4	000012	L00012	29	30	38	82	11	20	64	0.13	0.28
13/16	000013	L00013	31	30	38	82	12	20	64	0.13	0.31
7/8	000014	L00014	32.5	30	38	82	12	20	63	0.14	0.31
15/16	000015	L00015	35	30	40	82	14	21	63	0.16	0.35
1	000100	L00100	37	30	40	82	14	21	63	0.17	0.37
1 1/16	000101	L00101	38.5	30	45	82	16	25	62	0.21	0.43
1 1/8	000102	L00102	41	30	45	82	17	25	62	0.22	0.45
1 3/16	000103	L00103	42.5	30	50	82	17	30	62	0.27	0.48
1 1/4	000104	L00104	45	40	50	82	19	30	62	0.35	0.51
1 5/16	000105	L00105	46.5	40	50	82	19	30	62	0.29	0.59
1 7/16	000107	-	51	40	56	-	21	35	-	0.51	-



12-KULMAHYLSYT

1/2" VÄÄNTIÖ

Hex	Nimike	D (mm)	d (mm)	L (mm)	t (mm)	T (mm)	Paino (kg)
mm							
10	12PT 000010MM	17	25	38	7	20	0.08
11	12PT 000011MM	18.5	25	38	7	20	0.08
12	12PT 000012MM	19.7	25	38	8	20	0.08
13	12PT 000013MM	21	25	38	8	20	0.08
14	12PT 000014MM	22.5	25	38	10	20	0.08
15	12PT 000015MM	23.5	30	38	10	20	0.09
16	12PT 000016MM	24.5	30	38	10	20	0.13
17	12PT 000017MM	26	30	38	10	20	0.13
18	12PT 000018MM	27.5	30	38	11	20	0.13
19	12PT 000019MM	29	30	38	11	20	0.13
20	12PT 000020MM	30	30	38	12	20	0.13
21	12PT 000021MM	31	30	38	12	20	0.12
22	12PT 000022MM	32.5	30	38	12	20	0.14
23	12PT 000023MM	33.5	30	38	13	20	0.14
24	12PT 000024MM	35	30	40	14	21	0.16
26	12PT 000026MM	38	30	40	15	21	0.18
27	12PT 000027MM	38.5	30	45	16	25	0.21
28	12PT 000028MM	40	30	45	16	25	0.21
30	12PT 000030MM	42.5	30	50	17	30	0.27
32	12PT 000032MM	45	40	50	19	30	0.35

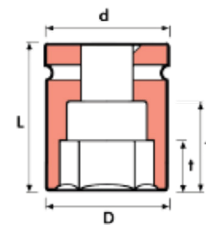


Hex	Nimike	D (mm)	d (mm)	L (mm)	t (mm)	T (mm)	Paino (kg)
tuuma							
3/8	12PT 000006	17	25	38	7	20	0.08
7/16	12PT 000007	18.5	25	38	7	20	0.08
1/2	12PT 000008	21	25	38	8	20	0.08
9/16	12PT 000009	22.5	25	38	10	20	0.08
5/8	12PT 000010	24.5	30	38	10	20	0.13
11/16	12PT 000011	26	30	38	10	20	0.13
3/4	12PT 000012	29	30	38	11	20	0.13
13/16	12PT 000013	31	30	38	12	20	0.13
7/8	12PT 000014	32.5	30	38	12	20	0.13
15/16	12PT 000015	35	30	40	14	21	0.16
1	12PT 000100	37	30	40	14	21	0.17
1 1/16	12PT 000101	38.5	30	45	16	25	0.21
1 1/8	12PT 000102	41	30	45	17	25	0.22
1 3/16	12PT 000103	42.5	30	50	17	30	0.27
1 1/4	12PT 000104	45	40	50	19	30	0.35

KUUSIOHYLSYT

3/4" VÄÄNTIÖ

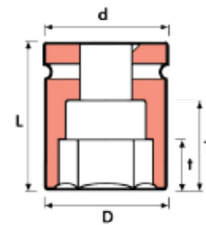
Hex	Nimike		D (mm)		d (mm)	L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä	Vakio	Pitkä		Vakio	Pitkä		Vakio	Pitkä	Vakio	Pitkä
mm												
12	010012MM	L10012MM	23	25	44	50	100	8	26	76	0.33	0.65
13	010013MM	L10013MM	24	25	44	50	100	8	26	76	0.34	0.65
14	010014MM	L10014MM	26	27	44	50	100	10	26	76	0.34	0.37
15	010015MM	L10015MM	26	27	44	50	100	10	26	76	0.35	0.56
16	010016MM	L10016MM	27	28	44	50	100	10	24	74	0.34	0.52
17	010017MM	L10017MM	30	31	44	50	100	10	24	74	0.34	0.6
18	010018MM	L10018MM	31	32	44	50	100	11	24	74	0.35	0.64
19	010019MM	L10019MM	32	33	44	50	100	11	24	74	0.38	0.61
20	010020MM	L10020MM	33	34	44	50	100	12	24	74	0.38	0.65
21	010021MM	L10021MM	35	36	44	50	100	12	24	74	0.39	0.70
22	010022MM	L10022MM	35	36	44	50	100	12	24	74	0.38	0.7
23	010023MM	L10023MM	38	39	44	50	100	13	24	74	0.39	0.72
24	010024MM	L10024MM	38.5	39.5	44	50	100	14	24	74	0.38	0.72
25	010025MM	L10025MM	39	40	44	50	100	14	25	75	0.38	0.57
26	010026MM	L10026MM	41	42	44	54	100	15	29	74	0.41	0.73
27	010027MM	L10027MM	42	43	44	54	100	16	29	74	0.41	0.75
28	010028MM	L10028MM	44	44	44	54	100	16	29	74	0.42	0.77
29	010029MM	L10029MM	44	44	44	54	100	17	29	74	0.42	0.73
30	010030MM	L10030MM	46	46	44	54	100	17	29	74	0.43	0.83
31	010031MM	L10031MM	47	47	44	54	100	17	28	74	0.47	0.84
32	010032MM	L10032MM	48.5	48.5	44	56	100	19	30	74	0.48	0.89
33	010033MM	L10033MM	51	51	44	56	100	19	30	74	0.51	0.99
34	010034MM	L10034MM	52	52	44	56	100	20	30	74	0.52	1.00
35	010035MM	L10035MM	53	53	44	56	100	20	30	74	0.52	1.00
36	010036MM	L10036MM	54	54	44	56	100	20	30	74	0.55	1.04
37	010037MM	L10037MM	56	56	44	58	100	21	32	74	0.6	1.12
38	010038MM	L10038MM	57	57	44	58	100	21	32	72	0.62	1.18
39	010039MM	-	58	-	44	58	-	22	30	-	0.61	-
40	010040MM	L10040MM	59	59	44	58	100	22	30	72	0.63	1.28
41	010041MM	L10041MM	61	61	44	63	100	23	34	72	0.68	1.27
42	010042MM	L10042MM	62	62	44	63	100	23	34	72	0.75	1.23
43	010043MM	L10043MM	64	64	44	63	100	24	34	72	0.78	1.35
44	010044MM	L10044MM	65	65	44	63	100	24	34	71	0.79	1.35
45	010045MM	L10045MM	66	66	44	63	100	25	34	71	1.03	1.35
46	010046MM	L10046MM	67	67	44	63	100	25	34	72	0.85	1.5
47	010047MM	L10047MM	68.5	68.5	44	70	100	26	38	76	0.94	1.46
48	010048MM	L10048MM	69	69	44	70	100	26	46	76	0.92	1.61
49	010049MM	-	70	-	44	70	-	28	46	-	0.93	-
50	010050MM	L10050MM	70	70	44	70	100	28	38	72	0.96	1.34
51	010051MM	L10051MM	71	71	44	70	100	30	46	76	0.99	1.4
52	010052MM	L10052MM	72	72	44	70	100	30	46	76	1.12	1.84
55	010055MM	L10055MM	76	76	44	70	100	30	38	72	1.07	1.53
56	010056MM	L10056MM	78	78	44	80	100	30	56	76	1.08	1.65
57	010057MM	-	80	-	44	80	-	30	54	-	1.39	-
58	010058MM	-	81	-	44	80	-	30	53	-	1.35	-
60	010060MM	L10060MM	83	83	44	80	125	35	50	98	1.36	2.27
65	010065MM	L10065MM	88	88	44	80	125	35	50	96	1.44	2.39
67	010067MM	-	90	-	44	80	-	40	51	-	1.47	-
70	010070MM	L10070MM	95	95	44	80	125	40	50	95	1.77	2.77
75	010075MM	L10075MM	100	100	44	80	125	40	48	93	1.72	-
80	010080MM	-	106	-	44	80	-	40	47	-	1.82	-
82	010082MM	-	108	-	44	80	-	40	46	-	1.89	-
85	010085MM	-	112	-	44	80	-	40	46	-	2.11	-
88	010088MM	-	114	-	44	80	-	40	45	-	1.82	-
95	010095MM	L10095MM	124	124	44	80	125	40	43	88	2.32	4.07



KUUSIOHYLSYT

3/4" VÄÄNTIÖ

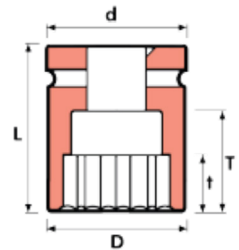
Hex	Nimike		D (mm)		d (mm)	L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä	Vakio	Pitkä		Vakio	Pitkä		Vakio	Pitkä	Vakio	Pitkä
tuuma												
1/2	010008	-	24	-	44	50	-	8	26	-	0.32	-
9/16	010009	-	26	-	44	50	-	10	26	-	0.27	-
5/8	010010	L10010	27	28	44	50	100	10	24	74	0.34	0.63
11/16	010011	L10011	30	31	44	50	100	10	24	74	0.34	0.6
3/4	010012	L10012	32	33	44	50	100	11	24	74	0.38	0.61
13/16	010013	L10013	35	36	44	50	100	12	24	74	0.4	0.68
7/8	010014	L10014	35	36	44	50	100	12	24	74	0.38	0.7
15/16	010015	L10015	38.5	39.5	44	50	100	14	24	74	0.39	0.72
1	010100	L10100	39	40	44	50	100	14	24	74	0.4	0.68
1 1/16	010101	L10101	42	43	44	54	100	16	29	74	0.41	0.75
1 1/8	010102	L10102	44	44	44	54	100	16	29	74	0.42	0.77
1 3/16	010103	L10103	46	46	44	54	100	17	29	74	0.43	0.83
1 1/4	010104	L10104	48.5	48.5	44	56	100	19	30	74	0.48	0.85
1 5/16	010105	L10105	51	51	44	56	100	19	30	74	0.52	1.00
1 3/8	010106	L10106	53	53	44	56	100	20	30	74	0.52	1.00
1 7/16	010107	L10107	56	56	44	58	100	21	32	74	0.58	1.12
1 1/2	010108	L10108	57	57	44	58	100	21	32	72	0.62	1.18
1 9/16	010109	L10109	59	59	44	58	100	22	32	72	0.65	1.22
1 5/8	010110	L10110	61	61	44	63	100	23	34	72	0.68	1.27
1 11/16	010111	L10111	64	64	44	63	100	24	34	72	0.78	1.35
1 3/4	010112	L10112	65	65	44	63	100	24	34	71	0.8	1.51
1 13/16	010113	L10113	67	67	44	63	100	25	34	72	0.85	1.5
1 7/8	010114	L10114	69	69	44	70	100	26	38	72	0.95	1.5
1 15/16	010115	-	70	-	44	70	-	28	46	-	1.15	-
2	010200	L10200	71	71	44	70	100	30	38	72	0.99	1.39
2 1/16	010201	-	72	-	44	70	-	30	46	-	0.92	-
2 1/8	010202	-	74	-	44	70	-	30	46	-	0.95	-
2 3/16	010203	-	78	-	44	80	-	30	56	-	1.34	-
2 1/4	010204	-	80	-	44	80	-	30	54	-	1.32	-
2 5/16	010205	-	81	-	44	80	-	30	53	-	1.43	-
2 3/8	010206	-	83	-	44	80	-	35	53	-	1.43	-
2 1/2	010208	-	86	-	44	80	-	35	52	-	1.41	-
2 9/16	010209	L10209	88	88	44	80	125	35	51	96	1.44	2.39
2 3/4	010212	L10212	95	95	44	80	125	40	50	95	1.77	2.77
3 3/4	010312	L10312	124	124	44	80	125	40	43	88	2.32	4.07



12-KULMAHYLSYT

3/4" VÄÄNTIÖ

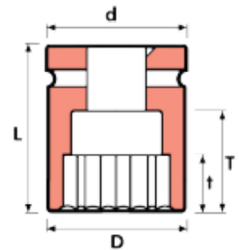
Hex	Nimike	D (mm)	d (mm)	L (mm)	t (mm)	T (mm)	Paino (kg)
mm							
16	12PT L10016MM	27	44	50	10	24	0.36
17	12PT L10017MM	30	44	50	10	24	0.36
18	12PT L10018MM	31	44	50	11	24	0.36
19	12PT L10019MM	32	44	50	11	24	0.37
20	12PT L10020MM	33	44	50	12	24	0.36
21	12PT L10021MM	35	44	50	12	24	0.36
22	12PT L10022MM	35	44	50	12	24	0.38
23	12PT L10023MM	38	44	50	13	24	0.36
24	12PT L10024MM	38.5	44	50	14	24	0.38
26	12PT L10026MM	41	44	54	15	29	0.41
27	12PT L10027MM	42	44	54	16	29	0.41
28	12PT L10028MM	44	44	54	16	29	0.42
29	12PT L10029MM	44	44	54	17	29	0.42
30	12PT L10030MM	46	44	54	17	29	0.43
32	12PT L10032MM	48.5	44	56	19	30	0.48
33	12PT L10033MM	51	44	56	19	30	0.52
34	12PT L10034MM	52	44	56	20	30	0.36
35	12PT L10035MM	53	44	56	20	30	0.52
36	12PT L10036MM	54	44	56	20	30	0.55
37	12PT L10037MM	56	44	58	21	32	0.6
38	12PT L10038MM	57	44	58	21	32	0.61
41	12PT L10041MM	61	44	63	23	34	0.68
42	12PT L10042MM	62	44	63	23	34	0.75
43	12PT L10043MM	64	44	63	24	34	0.78
46	12PT L10046MM	67	44	63	25	34	0.84
47	12PT L10047MM	68.5	44	70	26	38	0.94
50	12PT L10050MM	70	44	70	28	38	1.00
55	12PT L10055MM	76	44	70	30	38	0.97
60	12PT L10060MM	83	44	80	35	50	1.32
65	12PT L10065MM	88	44	80	35	50	1.44



12-KULMAHYLSYT

3/4" VÄÄNTIÖ

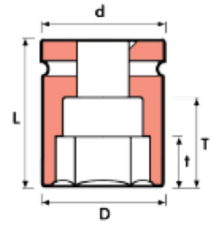
Hex	Nimike	D (mm)	d (mm)	L (mm)	t (mm)	T (mm)	Paino (kg)
tuuma							
5/8	12PT 010010	27	44	50	10	24	0.33
11/16	12PT 010011	30	44	50	10	24	0.36
3/4	12PT 010012	32	44	50	11	24	0.37
13/16	12PT 010013	35	44	50	12	24	0.37
7/8	12PT 010014	35	44	50	12	24	0.33
15/16	12PT 010015	38.5	44	50	14	24	0.37
1	12PT 010100	39	44	50	14	24	0.38
1 1/16	12PT 010101	42	44	54	16	29	0.41
1 1/8	12PT 010102	44	44	54	16	29	0.39
1 3/16	12PT 010103	46	44	54	17	29	0.43
1 1/4	12PT 010104	48.5	44	56	19	30	0.45
1 5/16	12PT 010105	51	44	56	19	30	0.5
1 3/8	12PT 010106	53	44	56	20	30	0.52
1 7/16	12PT 010107	56	44	58	21	32	0.58
1 1/2	12PT 010108	57	44	58	21	32	0.61
1 9/16	12PT 010109	59	44	58	22	32	0.65
1 5/8	12PT 010110	61	44	63	23	34	0.68
1 11/16	12PT 010111	64	44	63	24	34	0.78
1 3/4	12PT 010112	65	44	63	24	34	0.82
1 13/16	12PT 010113	67	44	63	25	34	0.84
1 7/8	12PT 010114	69	44	70	26	38	0.91
2	12PT 010200	71	44	70	30	38	0.94
2 9/16	12PT 010209	88	44	80	35	50	1.44



KUUSIOHYLSYT

1" VÄÄNTIÖ

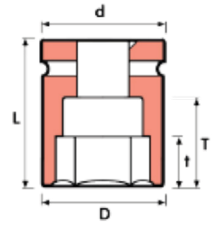
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä		Vakio	Pitkä	Vakio	Pitkä
mm											
17	020017MM	-	33	54	59	-	10	30	-	0.72	-
18	020018MM	-	34	54	59	-	11	30	-	0.63	-
19	020019MM	L20019MM	35	54	59	100	11	27	71	0.63	1.30
20	020020MM	-	36	54	59	-	12	30	-	0.62	-
21	020021MM	L20021MM	36	54	59	100	12	27	71	0.67	1.31
22	020022MM	L20022MM	37	54	59	100	12	27	71	0.66	0.88
23	020023MM	L20023MM	38	54	59	100	14	27	68	0.64	0.88
24	020024MM	L20024MM	38	54	59	100	14	27	68	0.62	0.89
25	020025MM	L20025MM	41	54	59	100	14	30	71	0.64	1.29
26	020026MM	L20026MM	43	54	59	100	15	27	71	0.63	0.99
27	020027MM	L20027MM	44	54	59	100	16	27	68	0.65	0.99
28	020028MM	L20028MM	47	54	61	100	16	29	68	0.68	1.07
29	020029MM	L20029MM	47	54	61	100	17	29	71	0.68	1.03
30	020030MM	L20030MM	50	54	61	100	17	29	68	0.69	1.15
31	020031MM	L20031MM	50	54	61	100	17	32	71	0.67	1.20
32	020032MM	L20032MM	52	54	61	100	19	29	68	0.68	1.17
33	020033MM	-	54	54	61	-	19	29	-	0.69	-
34	020034MM	-	54	54	61	-	20	29	-	0.67	-
35	020035MM	L20035MM	57	54	65	100	20	33	68	0.79	1.25
36	020036MM	L20036MM	57	54	65	100	20	33	68	0.79	1.18
37	020037MM	L20037MM	58	54	65	100	21	33	68	0.80	1.26
38	020038MM	L20038MM	59	54	65	100	21	33	67	0.82	1.32
39	020039MM	L20039MM	59	54	65	100	22	34	69	0.74	1.3
40	020040MM	L20040MM	61	54	65	100	22	34	69	0.80	1.33
41	020041MM	L20041MM	63	54	70	100	23	38	67	0.95	1.41
42	020042MM	L20042MM	64	54	70	100	23	38	67	0.97	1.44
43	020043MM	L20043MM	64	54	70	100	24	40	67	0.95	1.46
44	020044MM	L20044MM	67	54	70	115	24	38	83	1.00	1.97
45	020045MM	L20045MM	68	54	70	115	25	38	83	1.00	1.98
46	020046MM	L20046MM	69	54	75	115	25	42	82	1.12	1.85
47	020047MM	L20047MM	71	54	75	115	26	43	83	1.18	1.93
48	020048MM	L20048MM	72	54	75	115	26	43	86	1.20	1.94
49	020049MM	L20049MM	73	54	75	115	28	46	86	1.16	1.16
50	020050MM	L20050MM	75	54	80	125	28	48	93	1.36	2.22
51	020051MM	L20051MM	76	54	80	125	30	51	96	1.38	2.26
52	020052MM	L20052MM	78	54	80	125	30	48	93	1.45	2.38
53	020053MM	-	79	62	83	-	30	54	-	1.79	-
54	020054MM	-	80	62	83	-	30	54	-	1.78	-



KUUSIOHYLSYT

1" VÄÄNTIÖ

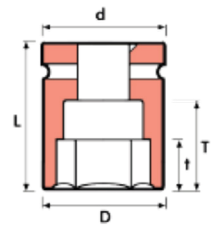
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä		Vakio	Pitkä		
mm											
55	020055MM	L20055MM	81	62	83	125	30	50	93	1.74	2.67
56	020056MM	L20056MM	82	62	83	125	30	52	93	1.78	2.80
57	020057MM	L20057MM	85	62	83	125	30	54	96	1.88	2.80
58	020058MM	-	86	62	83	-	30	54	-	1.84	-
60	020060MM	L20060MM	87	62	83	125	33	52	105	1.80	2.90
61	020061MM	-	88	62	83	-	33	54	-	1.84	-
62	020062MM	-	91	62	86	-	35	53	-	2.07	-
63	020063MM	-	92	62	86	-	35	53	-	2.08	-
64	020064MM	-	92	62	86	-	35	53	-	2.04	-
65	020065MM	L20065MM	94	62	86	135	35	54	105	2.10	3.63
66	020066MM	-	95	62	86	-	38	52	-	2.13	-
70	020070MM	L20070MM	100	62	86	135	38	54	105	2.27	3.83
71	020071MM	-	102	76	86	-	38	50	-	2.72	-
74	020074MM	-	106	76	86	-	38	50	-	2.85	-
75	020075MM	L20075MM	107	76	86	135	38	54	105	2.87	4.80
76	020076MM	-	108	76	86	-	38	49	-	2.92	-
77	020077MM	-	109	76	86	-	38	49	-	1.08	-
80	020080MM	L20080MM	113	76	90	140	38	58	108	3.42	5.15
82	020082MM	-	115	76	90	-	38	51	-	3.30	-
84	020084MM	-	116	76	90	-	38	51	-	3.25	-
85	020085MM	L20085MM	117	76	90	140	38	58	100	3.46	5.90
87	020087MM	-	120	76	90	-	38	50	-	3.41	-
88	020088MM	-	120	76	90	-	38	50	-	3.35	-
90	020090MM	L20090MM	124	76	100	140	45	67	99	4.3	5.74
94	020094MM	-	128	76	100	-	45	58	-	4.13	-
95	020095MM	L20095MM	129	76	100	140	45	66	98	4.40	5.83
96	020096MM	-	132	76	100	-	45	57	-	4.40	-
100	020100MM	-	136	76	100	-	45	65	-	4.50	-
105	020105MM	-	142	76	100	-	50	55	-	4.75	-
110	020110MM	-	147	76	100	-	50	53	-	4.91	-
115	020115MM	-	153	76	100	-	50	52	-	5.20	-
120	020120MM	-	161	76	100	-	50	50	-	5.69	-



KUUSIOHYLSYT

1" VÄÄNTIÖ

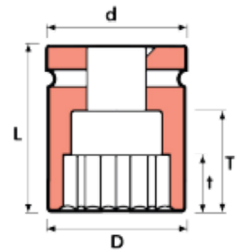
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä		Vakio	Pitkä	Vakio	Pitkä
tuuma											
3/4	020012	L20012	35	54	59	100	11	27	71	0.63	1.3
13/16	020013	L20013	36	54	59	100	12	30	71	0.65	0.86
7/8	020014	L20014	37	54	59	100	12	27	71	0.66	0.87
15/16	020015	L20015	38	54	59	100	14	27	68	0.62	0.89
1	020100	L20100	41	54	59	100	14	27	68	0.64	0.93
1 1/16	020101	L20101	44	54	59	100	16	27	68	0.65	0.99
1 1/8	020102	L20102	47	54	59	100	16	29	68	0.68	1.07
1 3/16	020103	L20103	50	54	61	100	17	29	68	0.69	1.15
1 1/4	020104	L20104	52	54	61	100	19	29	68	0.68	1.17
1 5/16	020105	L20105	54	54	61	100	19	29	68	0.69	1.19
1 3/8	020106	L20106	57	54	65	100	20	33	68	0.79	1.25
1 7/16	020107	L20107	58	54	65	100	21	33	68	0.78	1.31
1 1/2	020108	L20108	59	54	65	100	21	33	68	0.82	1.32
1 9/16	020109	L20109	61	54	65	100	22	33	67	0.86	1.38
1 5/8	020110	L20110	63	54	70	100	23	38	67	0.95	1.41
1 11/16	020111	L20111	64	54	70	100	24	40	67	0.95	1.46
1 3/4	020112	L20112	67	54	70	115	24	40	82	1.02	1.85
1 13/16	020113	L20113	69	54	75	115	25	42	82	1.12	1.85
1 7/8	020114	L20114	72	54	75	115	26	43	82	1.21	2.00
1 15/16	020115	L20115	73	54	75	115	28	43	82	1.30	2.1
2	020200	L20200	76	54	80	125	30	48	93	1.40	2.3
2 1/16	020201	L20201	78	54	80	125	30	48	93	1.45	2.4
2 1/8	020202	L20202	80	62	83	125	30	50	93	1.70	2.6
2 3/16	020203	L20203	82	62	83	125	30	52	93	1.80	2.8
2 1/4	020204	L20204	85	62	83	125	30	52	93	1.88	2.8
2 5/16	020205	L20205	86	62	83	125	30	52	93	1.90	2.9
2 3/8	020206	L20206	87	62	83	125	33	52	93	1.80	2.9
2 7/16	020207	L20207	91	62	86	135	35	53	107	2.00	3.3
2 1/2	020208	L20208	92	62	86	135	35	53	107	2.00	3.55
2 9/16	020209	L20209	94	62	86	135	35	54	107	2.10	3.63
2 5/8	020210	L20210	96	62	86	135	38	54	107	2.28	3.7
2 11/16	020211	L20211	99	62	86	135	38	54	107	2.35	3.80
2 3/4	020212	L20212	100	62	86	135	38	54	107	2.27	3.83
2 13/16	020213	L20213	102	76	86	135	38	54	100	2.68	4.25
2 7/8	020214	L20214	104	76	86	135	38	54	99	2.90	4.42
2 15/16	020215	L20215	107	76	86	135	38	54	99	3.00	4.62
3	020300	L20300	108	76	86	135	38	54	98	3.04	4.82
3 1/16	020301	L20301	109	76	86	135	38	54	98	3.10	4.71
3 1/8	020302	L20302	113	76	90	140	38	58	102	3.40	5.3
3 3/16	020303	-	114	76	90	-	38	52	-	3.28	-
3 1/4	020304	L20304	115	76	90	140	38	58	101	3.24	5.31
3 5/16	020305	-	116	76	90	-	38	51	-	3.27	-
3 3/8	020306	-	117	76	90	-	38	58	-	3.40	-
3 7/16	020307	-	120	76	90	-	38	50	-	3.37	-
3 1/2	020308	-	122	76	90	-	38	57	-	3.60	-
3 5/8	020310	-	126	76	100	-	45	66	-	4.05	-
3 3/4	020312	L20312	129	76	100	140	45	66	98	4.40	5.83
3 7/8	020314	L20314	134	76	100	140	45	65	97	4.40	6.40
4	020400	-	138	76	100	-	45	56	-	4.63	-
4 1/8	020402	-	142	76	100	-	50	55	-	4.75	-
4 5/8	020410	-	157	76	100	-	50	51	-	5.43	-
4 3/4	020412	-	161	76	100	-	50	50	-	5.73	-



12-KULMAHYLSYT

1" VÄÄNTIÖ

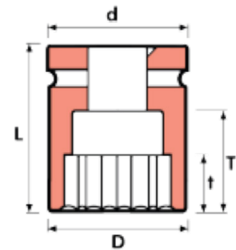
Hex	Nimike	D (mm)	d (mm)	L (mm)	t (mm)	T (mm)	Paino (kg)
mm							
22	12PT 020022MM	37	54	59	12	27	0.62
24	12PT 020024MM	38	54	59	14	27	0.61
26	12PT 020026MM	43	54	59	15	27	0.63
27	12PT 020027MM	44	54	59	16	27	0.64
28	12PT 020028MM	47	54	61	16	29	0.68
29	12PT 020029MM	47	54	61	17	29	0.66
30	12PT 020030MM	50	54	61	17	29	0.68
32	12PT 020032MM	52	54	61	19	29	0.68
35	12PT 020035MM	57	54	65	20	33	0.79
36	12PT 020036MM	57	54	65	20	33	0.79
37	12PT 020037MM	58	54	65	21	33	0.80
38	12PT 020038MM	59	54	65	21	33	0.82
41	12PT 020041MM	63	54	70	23	38	0.95
42	12PT 020042MM	64	54	70	23	38	0.97
43	12PT 020043MM	64	54	70	24	40	0.95
46	12PT 020046MM	69	54	75	25	42	1.12
50	12PT 020050MM	75	54	80	28	48	1.36
55	12PT 020055MM	81	62	83	30	50	1.74
56	12PT 020056MM	82	62	83	30	52	1.78
60	12PT 020060MM	87	62	83	33	52	1.90
65	12PT 020065MM	94	62	86	35	54	2.26
70	12PT 020070MM	100	62	86	38	54	2.44
75	12PT 020075MM	107	76	86	38	54	3.02
80	12PT 020080MM	113	76	90	38	58	3.11
85	12PT 020085MM	117	76	90	38	58	3.46
90	12PT 020090MM	124	76	100	45	67	4.30
95	12PT 020095MM	129	76	100	45	66	4.40
100	12PT 020100MM	136	76	100	45	65	4.50



12-KULMAHYLSYT

1" VÄÄNTIÖ

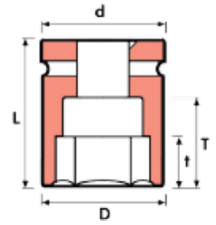
Hex	Nimike	D (mm)	d (mm)	L (mm)	t (mm)	T (mm)	Paino (kg)
tuuma							
7/8	12PT 020014	37	54	59	12	27	0.66
15/16	12PT 020015	38	54	59	14	27	0.62
1	12PT 020100	41	54	59	14	27	0.64
1 1/16	12PT 020101	44	54	59	16	27	0.65
1 1/8	12PT 020102	47	54	59	16	29	0.68
1 3/16	12PT 020103	50	54	61	17	29	0.69
1 1/4	12PT 020104	52	54	61	19	29	0.68
1 5/16	12PT 020105	54	54	61	19	29	0.69
1 3/8	12PT 020106	57	54	65	20	33	0.79
1 7/16	12PT 020107	58	54	65	21	33	0.78
1 1/2	12PT 020108	59	54	65	21	33	0.82
1 9/16	12PT 020109	61	54	65	22	33	0.86
1 5/8	12PT 020110	63	54	70	23	38	0.95
1 11/16	12PT 020111	64	54	70	24	40	0.95
1 3/4	12PT 020112	67	54	70	24	40	1.02
1 13/16	12PT 020113	69	54	75	25	42	1.12
1 7/8	12PT 020114	72	54	75	26	43	1.21
1 15/16	12PT 020115	73	54	75	28	43	1.30
2	12PT 020200	76	54	80	30	48	1.40
2 1/16	12PT 020201	78	54	80	30	48	1.45
2 1/8	12PT 020202	80	62	83	30	50	1.70
2 3/16	12PT 020203	82	62	83	30	52	1.80
2 1/4	12PT 020204	85	62	83	30	52	1.88
2 5/16	12PT 020205	86	62	83	30	52	1.90
2 3/8	12PT 020206	87	62	83	33	52	1.80
2 7/16	12PT 020207	91	62	86	35	53	2.00
2 1/2	12PT 020208	92	62	86	35	53	2.00
2 9/16	12PT 020209	94	62	86	35	54	2.10
2 5/8	12PT 020210	96	62	86	38	54	2.28
2 11/16	12PT 020211	99	62	86	38	54	2.35
2 3/4	12PT 020212	100	62	86	38	54	2.27
2 13/16	12PT 020213	102	76	86	38	54	2.68
2 7/8	12PT 020214	104	76	86	38	54	2.90
2 15/16	12PT 020215	107	76	86	38	54	3.00
3	12PT 020300	108	76	86	38	54	3.04
3 1/16	12PT 020301	109	76	86	38	54	3.10
3 1/8	12PT 020302	113	76	90	38	58	3.40
3 1/4	12PT 020303	115	76	90	38	58	3.24
3 3/8	12PT 020306	117	76	90	38	58	3.40
3 1/2	12PT 020308	122	76	90	38	57	3.60
3 5/8	12PT 020310	126	76	100	45	66	4.05
3 3/4	12PT 020312	129	76	100	45	66	4.40
3 7/8	12PT 020314	134	76	100	45	65	4.40



KUUSIOHYLSYT

1 1/2" VÄÄNTIÖ

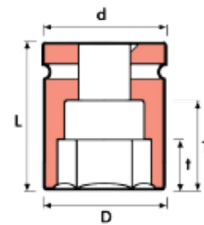
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)		T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä
mm												
22	080022MM	-	46	84	80	-	14	-	38	-	1.95	-
24	080024MM	-	48	84	80	-	14	-	38	-	1.96	-
25	080025MM	-	50	84	80	-	14	-	38	-	2.00	-
27	080027MM	-	54	84	80	-	16	-	38	-	2.07	-
30	080030MM	L80030MM	56	84	80	150	17	17	38	108	2.07	3.30
32	080032MM	-	59	84	80	-	19	-	38	-	2.13	-
33	080033MM	-	59	84	80	-	19	-	38	-	2.13	-
34	080034MM	-	61	84	80	-	20	-	38	-	2.15	-
35	080035MM	L80035MM	61	84	80	150	20	20	36	108	2.10	3.79
36	080036MM	L80036MM	63	84	84	150	21	23	36	108	2.30	3.81
37	080037MM	-	65	84	84	-	21	-	42	-	2.19	-
38	080038MM	L80038MM	65	84	84	150	21	24	36	108	2.30	3.86
41	080041MM	L80041MM	70	84	84	150	23	27	36	106	2.29	3.70
42	080042MM	L80042MM	71	84	84	150	23	27	36	106	2.26	3.70
43	080043MM	L80043MM	73	84	84	150	24	27	36	106	2.40	3.90
46	080046MM	L80046MM	76	84	87	150	25	29	40	106	2.40	3.90
47	080047MM	L80047MM	78	84	87	150	26	30	40	106	2.40	4.26
48	080048MM	L80048MM	79	84	87	150	26	30	40	105	2.40	4.18
50	080050MM	L80050MM	81	84	90	150	28	32	43	106	2.40	3.90
52	080052MM	L80052MM	83	84	90	150	30	33	43	106	2.50	3.90
54	080054MM	-	84	84	90	-	30	-	44	-	2.38	-
55	080055MM	L80055MM	86	86	90	150	30	35	47	106	2.52	4.10
56	080056MM	L80056MM	87	86	95	150	30	35	51	108	2.90	4.18
57	080057MM	L80057MM	90	86	95	150	30	36	53	108	2.90	4.40
58	080058MM	L80058MM	92	86	95	150	30	37	53	108	2.97	4.70
60	080060MM	L80060MM	94	86	95	150	35	39	51	106	3.03	4.70
63	080063MM	L80063MM	97	86	100	150	35	41	58	108	3.16	4.94
64	080064MM	L80064MM	97	86	100	150	35	41	58	108	3.24	4.86
65	080065MM	L80065MM	99	86	100	150	35	41	56	106	3.38	4.90
70	080070MM	L80070MM	105	86	105	170	40	45	61	126	4.00	6.40
75	080075MM	L80075MM	112	86	110	170	42	47	66	126	4.60	6.90
77	080077MM	-	118	86	110	-	42	-	60	-	5.00	-
80	080080MM	L80080MM	119	86	110	170	42	51	66	126	5.30	7.60
85	080085MM	L80085MM	125	86	120	180	50	54	75	135	5.67	9.40
90	080090MM	L80090MM	131	86	120	180	50	58	75	135	6.04	10.00
95	080095MM	L80095MM	141	102	130	190	55	61	83	143	8.30	12.10
100	080100MM	L80100MM	146	102	130	190	55	46	83	143	8.63	12.60
105	080105MM	L80105MM	151	102	130	190	55	66	83	143	9.40	13.20
110	080110MM	L80110MM	157	102	140	200	70	70	92	152	10.00	14.50
115	080115MM	L80115MM	163	102	140	200	72	72	92	152	10.60	15.10
120	080120MM	L80120MM	170	102	140	200	77	77	90	150	11.20	16.00
125	080125MM	L80125MM	175	102	140	200	77	77	90	136	11.80	17.12
130	080130MM	L80130MM	180	102	150	210	80	80	100	145	12.90	18.59
135	080135MM	L80135MM	186	102	150	210	80	80	100	144	13.60	19.50
140	080140MM	L80140MM	192	102	150	210	80	80	100	142	15.00	20.80
145	080145MM	L80145MM	198	102	150	210	80	80	97	141	17.20	21.47
150	080150MM	L80150MM	203	102	150	210	85	85	97	139	18.00	22.33
155	080155MM	L80155MM	209	102	150	210	85	85	97	138	19.00	23.35



KUUSIOHYLSYT

1 1/2" VÄÄNTIÖ

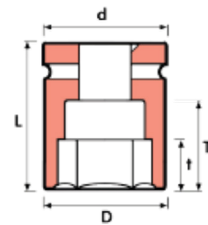
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)		T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä
tuuma												
1	080100	-	50	84	80	-	14	-	38	-	1.98	-
1 1/16	080101	-	54	84	80	-	16	-	38	-	2.07	-
1 1/8	080102	-	54	84	80	-	16	-	38	-	1.98	-
1 3/16	080103	L80103	56	84	80	150	17	17	38	108	2.07	3.30
1 1/4	080104	-	59	84	80	-	19	-	38	-	2.15	-
1 5/16	080105	-	59	84	80	-	19	-	38	-	1.98	-
1 3/8	080106	L80106	61	84	80	150	20	20	36	108	2.10	3.79
1 7/16	080107	-	63	84	84	-	21	-	42	-	2.17	-
1 1/2	080108	L80108	65	84	84	150	21	24	36	108	2.30	3.86
1 9/16	080109	-	68	84	84	-	22	-	42	-	2.25	-
1 5/8	080110	L80110	70	84	84	150	23	27	36	106	2.40	3.70
1 11/16	080111	L80111	73	84	84	150	24	27	36	102	2.40	3.90
1 3/4	080112	L80112	75	84	87	150	25	29	40	102	2.40	3.70
1 13/16	080113	L80113	76	84	87	150	25	29	40	102	2.40	3.90
1 7/8	080114	L80114	78	84	87	150	26	30	40	102	2.40	3.80
1 15/16	080115	L80115	80	84	90	150	28	31	43	102	2.40	3.90
2	080200	L80200	82	84	90	150	30	32	43	102	2.42	3.90
2 1/16	080201	L80201	83	84	90	150	30	33	43	102	2.50	3.90
2 1/8	080202	L80202	84	84	90	150	30	35	43	102	2.60	4.00
2 3/16	080203	L80203	87	86	95	150	30	35	51	102	2.90	4.20
2 1/4	080204	L80204	90	86	95	150	30	36	51	102	2.90	4.40
2 5/16	080205	L80205	92	86	95	150	30	37	51	102	3.00	4.60
2 3/8	080206	L80206	94	86	95	150	35	39	51	102	3.10	4.80
2 7/16	080207	L80207	96	86	100	150	35	40	56	102	3.30	4.80
2 1/2	080208	L80208	97	86	100	150	35	41	56	102	3.30	4.90
2 9/16	080209	L80209	99	86	100	150	35	41	56	102	3.38	4.90
2 5/8	080210	L80210	102	86	105	170	40	43	61	126	3.8	6.10
2 11/16	080211	L80211	104	86	105	170	40	43	61	126	3.90	6.30
2 3/4	080212	L80212	105	86	105	170	40	45	61	126	4.00	6.40
2 13/16	080213	L80213	107	86	110	170	42	46	66	126	4.20	6.60
2 7/8	080214	L80214	110	86	110	170	42	46	66	126	4.40	6.80
2 15/16	080215	L80215	112	86	110	170	42	47	66	126	4.60	6.90
3	080300	L80300	116	86	110	170	42	48	66	126	4.90	7.60
3 1/16	080301	L80301	118	86	110	170	42	49	66	126	5.10	7.60
3 1/8	080302	L80302	119	86	110	170	42	51	66	126	5.40	7.60
3 3/16	-	L80303	121	86	-	180	-	51	-	135	-	9.00
3 1/4	-	L80304	123	86	-	180	-	52	-	135	-	9.20
3 5/16	080305	-	125	86	120	-	50	-	68	-	6.01	-
3 3/8	080306	L80306	125	86	120	180	50	135	75	135	6.20	9.40
3 7/16	080307	L80307	129	86	120	180	50	127	67	127	6.26	9.31
3 1/2	080308	L80308	130	86	120	180	50	135	75	135	6.70	9.90
3 9/16	080309	-	131	86	120	-	50	-	67	-	6.34	-
3 5/8	080310	L80310	136	102	120	180	50	135	75	135	7.00	10.30
3 11/16	080311	-	138	102	120	-	50	-	66	-	7.35	-
3 3/4	080312	L80312	141	102	130	190	55	143	83	143	8.30	12.10
3 13/16	080313	L80313	142	102	130	190	55	136	75	136	8.29	12.42
3 7/8	080314	L80314	144	102	130	190	55	143	83	143	8.48	12.40
3 15/16	080315	-	146	102	130	-	55	-	83	-	9.00	-



KUUSIOHYLSYT

1 1/2" VÄÄNTIÖ

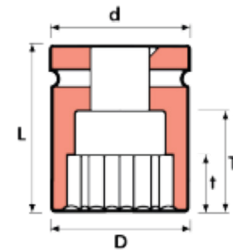
Hex	Nimike		D (mm)	d (mm)	L (mm)		t (mm)		T (mm)		Paino (kg)	
	Vakio	Pitkä			Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä
tuuma												
4	080400	L80400	148	102	130	190	55	143	83	143	9.10	12.80
4 1/16	080401	L80401	149	102	130	190	55	133	73	133	8.80	13.06
4 1/8	080402	L80402	151	102	130	190	55	143	83	143	9.40	13.20
4 3/16	080403	L80403	153	102	130	190	55	143	83	143	9.60	13.60
4 1/4	080404	L80404	155	102	140	200	70	150	92	150	9.97	14.70
4 5/16	080405	L80405	157	102	140	200	70	141	81	141	10.14	14.78
4 3/8	080406	L80406	158	102	140	200	70	141	92	141	10.30	14.88
4 1/2	080408	L80408	163	102	140	200	72	150	92	150	10.67	15.10
4 5/8	080410	L80410	166	102	140	200	77	150	90	150	10.82	15.80
4 3/4	080412	L80412	170	102	140	200	77	138	90	138	11.10	16.14
4 7/8	080414	L80414	173	102	140	200	77	137	90	137	11.50	17.84
5	080500	L80500	178	102	150	210	77	146	100	146	12.30	18.93
5 1/8	080502	L80502	180	102	150	210	80	145	100	145	12.90	18.86
5 3/16	080503	L80503	182	102	150	210	80	145	100	145	13.10	19.09
5 1/4	080504	L80504	185	102	150	210	80	144	100	144	13.40	19.66
5 3/8	080506	L80506	188	102	150	210	80	143	100	143	14.00	20.34
5 1/2	080508	L80508	192	102	150	210	80	142	100	142	15.00	20.61
5 9/16	080509	-	193	102	150	-	80	-	97	-	15.90	-
5 3/4	080512	L80512	199	102	150	210	85	140	97	140	17.40	21.42
5 7/8	080514	L80514	203	102	150	210	85	140	97	140	18.20	22.33
6	080600	L80600	206	102	150	210	85	139	97	139	15.45	22.99
6 1/8	080602	-	209	102	150	-	85	-	97	-	19.00	-



12-KULMAHYLSYT

1 1/2" VÄÄNTIÖ

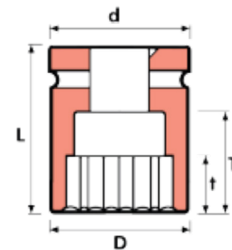
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mm							
41	12PT 080041MM	70	84	84	23	36	2.25
43	12PT 080043MM	73	84	84	24	36	2.27
46	12PT 080046MM	76	84	87	25	40	2.32
50	12PT 080050MM	81	84	90	28	43	2.37
55	12PT 080055MM	86	86	90	30	47	2.70
60	12PT 080060MM	94	86	95	35	51	3.10
65	12PT 080065MM	99	86	100	35	56	3.50
70	12PT 080070MM	105	86	105	40	61	4.00
75	12PT 080075MM	112	86	110	42	66	4.60
80	12PT 080080MM	119	86	110	42	66	5.30
85	12PT 080085MM	125	86	120	50	75	6.40
90	12PT 080090MM	131	86	120	50	75	6.70
95	12PT 080095MM	141	102	130	55	83	8.70
100	12PT 080100MM	146	102	130	55	83	9.00
105	12PT 080105MM	151	102	130	55	83	9.40



12-KULMAHYLSYT

1 1/2" VÄÄNTIÖ

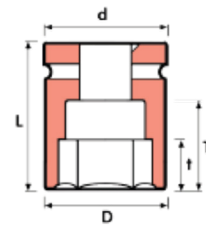
Hex	Nimike	D (mm)	d (mm)	L (mm)	t (mm)	T (mm)	Paino (kg)
tuuma							
1 5/8	12PT 080110	70	84	84	23	36	2.25
1 11/16	12PT 080111	73	84	84	24	36	2.27
1 3/4	12PT 080112	75	84	87	25	40	2.40
1 13/16	12PT 080113	76	84	87	25	40	2.32
1 7/8	12PT 080114	78	84	87	26	40	2.40
1 15/16	12PT 080115	80	84	90	28	43	2.40
2	12PT 080200	82	84	90	30	43	2.36
2 1/16	12PT 080201	83	84	90	30	43	2.50
2 1/8	12PT 080202	84	84	90	30	43	2.29
2 3/16	12PT 080203	87	86	95	30	51	2.90
2 1/4	12PT 080204	90	86	95	30	51	2.90
2 5/16	12PT 080205	92	86	95	30	51	3.00
2 3/8	12PT 080206	94	86	95	35	51	3.10
2 7/16	12PT 080207	96	86	100	35	56	3.30
2 1/2	12PT 080208	97	86	100	35	56	3.30
2 9/16	12PT 080209	99	86	100	35	56	3.50
2 5/8	12PT 080210	102	86	105	40	61	3.80
2 11/16	12PT 080211	104	86	105	40	61	3.90
2 3/4	12PT 080212	105	86	105	40	61	4.00
2 13/16	12PT 080213	107	86	110	42	66	4.20
2 7/8	12PT 080214	110	86	110	42	66	4.23
2 15/16	12PT 080215	112	86	110	42	66	4.60
3	12PT 080300	116	86	110	42	66	4.90
3 1/16	12PT 080301	118	86	110	42	66	5.10
3 1/8	12PT 080302	119	86	110	42	66	4.79
3 3/16	12PT 080303	121	86	120	50	75	5.70
3 1/4	12PT 080304	123	86	120	50	75	6.00
3 3/8	12PT 080306	125	86	120	50	75	6.20
3 1/2	12PT 080308	130	86	120	50	75	6.70
3 5/8	12PT 080310	136	102	120	50	75	7.00
3 3/4	12PT 080312	141	102	130	55	83	8.70
3 7/8	12PT 080314	144	102	130	55	83	8.15
3 15/16	12PT 080315	146	102	130	55	83	8.34
4	12PT 080400	148	102	130	55	83	9.10
4 1/8	12PT 080402	151	102	130	55	83	9.40
4 3/16	12PT 080403	153	102	130	55	83	11.10
4 1/4	12PT 080404	155	102	140	70	92	9.90
4 3/8	12PT 080406	158	102	140	70	92	10.30
4 1/2	12PT 080408	163	102	140	72	92	10.80
4 5/8	12PT 080410	166	102	140	77	90	10.90
4 3/4	12PT 080412	170	102	140	77	90	11.10
4 7/8	12PT 080414	173	102	140	77	90	11.50
5	12PT 080500	178	102	150	77	100	12.30
5 1/8	12PT 080502	180	102	150	80	100	12.90
5 3/16	12PT 080503	182	102	150	80	100	13.10
5 1/4	12PT 080504	185	102	150	80	100	13.40
5 3/8	12PT 080506	188	102	150	80	100	14.00
5 1/2	12PT 080508	192	102	150	80	100	15.00
5 9/16	12PT 080509	193	102	150	80	97	15.90
5 3/4	12PT 080512	199	102	150	85	97	17.40
5 7/8	12PT 080514	203	102	150	85	97	18.20
6	12PT 080600	206	102	150	85	97	18.60
6 1/8	12PT 080602	209	102	150	85	97	19.00



KUUSIOHYLSYT

2 1/2" VÄÄNTIÖ

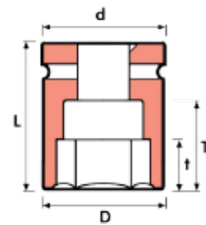
Hex	Nimike		D (mm)		d (mm)		L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä		Vakio	Pitkä	Vakio	Pitkä
mm													
50	250050MM	-	86	-	127	-	130	-	28	70	-	9.01	-
55	250055MM	-	93	-	127	-	130	-	30	70	-	9.22	-
60	250060MM	L250060MM	99	100	127	137	130	180	35	70	122	9.30	10.70
65	250065MM	L250065MM	105	104	127	137	130	180	35	70	122	9.30	10.68
70	250070MM	L250070MM	112	110	127	137	130	180	40	70	122	9.30	10.88
75	250075MM	L250075MM	118	118	127	137	130	180	45	70	122	9.31	11.24
80	250080MM	L250080MM	124	126	127	137	130	180	45	70	122	9.28	11.88
85	250085MM	L250085MM	130	133	127	137	130	180	50	70	122	9.30	12.27
90	250090MM	L250090MM	137	143	127	137	140	200	50	80	142	10.55	15.22
95	250095MM	L250095MM	143	148	127	137	140	200	55	80	142	10.80	15.64
100	250100MM	L250100MM	149	153	127	137	140	200	55	80	142	11.10	16.02
105	250105MM	L250105MM	155	158	127	137	150	220	60	90	162	12.10	18.21
110	250110MM	L250110MM	162	166	127	137	150	220	65	90	162	13.00	19.81
115	250115MM	L250115MM	168	174	127	137	150	220	65	90	162	13.90	21.38
120	250120MM	L250120MM	181	181	160	160	150	220	70	88	162	16.90	24.79
125	250125MM	L250125MM	187	187	160	160	150	220	75	88	162	17.50	25.90
130	250130MM	L250130MM	195	195	160	160	170	250	75	106	183	21.50	31.44
135	250135MM	L250135MM	202	202	160	160	170	250	80	106	182	22.50	33.17
140	250140MM	L250140MM	208	208	160	160	170	250	80	106	180	23.00	34.40
145	250145MM	L250145MM	214	214	160	160	170	250	80	106	179	24.00	35.64
150	250150MM	L250150MM	219	219	160	160	170	250	85	106	177	24.50	36.30
155	250155MM	L250155MM	224	224	160	160	180	250	90	115	176	29.00	36.90
160	250160MM	L250160MM	229	229	160	160	180	250	90	115	174	31.00	37.60
165	250165MM	L250165MM	235	235	160	160	180	250	95	115	173	32.00	38.74
170	250170MM	L250170MM	240	240	160	160	180	250	95	115	171	32.50	39.42
175	250175MM	-	247	-	160	-	180	-	95	115	-	34.50	-
180	250180MM	-	253	-	160	-	225	-	110	143	-	41.40	-
185	250185MM	-	258	-	160	-	225	-	110	143	-	42.30	-
190	250190MM	-	264	-	160	-	225	-	120	143	-	43.60	-
200	25020MM	-	276	-	160	-	225	-	120	143	-	46.60	-
210	250210MM	-	287	-	160	-	225	-	120	143	-	49.20	-
215	250215MM	-	293	-	160	-	225	-	120	143	-	50.80	-
225	250225MM	-	304	-	160	-	225	-	120	130	-	53.30	-
230	250230MM	-	310	-	160	-	225	-	120	129	-	54.70	-
235	250235MM	-	316	-	160	-	225	-	120	143	-	56.40	-
250	250250MM	-	333	-	160	-	225	-	120	123	-	61.20	-
255	250255MM	-	339	-	160	-	225	-	120	143	-	63.20	-



KUUSIOHYLSYT

2 1/2" VÄÄNTIÖ

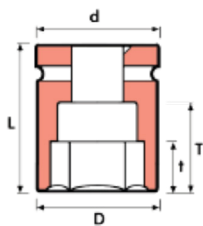
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	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	mm	Vakio	Pitkä	Vakio	Pitkä
tuuma													
2	250200	-	88	-	127	-	130	-	30	70	-	9.00	-
2 3/16	250203	-	94	-	127	-	130	-	30	70	-	8.58	-
2 5/16	250205	-	96	-	127	-	130	-	30	70	-	8.45	-
2 3/8	250206	L25206	99	100	127	137	130	180	35	70	122	9.30	10.7
2 7/16	250207	L25207	102	102	127	137	130	180	35	70	122	9.45	10.73
2 1/2	250208	L25208	103	102	127	137	130	180	35	70	122	9.30	10.64
2 9/16	250209	L25209	105	104	127	137	130	180	35	70	122	9.30	10.68
2 5/8	250210	L25210	108	106	127	137	130	180	40	70	122	9.30	10.7
2 11/16	250211	L25211	109	108	127	137	130	180	40	70	122	9.30	10.83
2 3/4	250212	L25212	112	110	127	137	130	180	40	70	122	9.30	10.88
2 13/16	250213	L25213	113	112	127	137	130	180	45	70	122	9.30	11.00
2 7/8	250214	L25214	115	116	127	137	130	180	45	70	122	9.30	11.36
2 15/16	250215	L25215	118	118	127	137	130	180	45	70	122	9.30	11.24
3	250300	L25300	119	120	127	137	130	180	45	70	122	9.30	11.51
3 1/16	250301	L25301	120	122	127	137	130	180	45	70	122	9.30	11.68
3 1/8	250302	L25302	124	126	127	137	130	180	45	70	122	9.30	11.88
3 1/4	250304	L25304	127	128	127	137	130	180	50	70	122	9.30	11.9
3 5/16	250305	-	129	-	127	-	130	-	50	70	-	9.58	-
3 3/8	250306	L25306	130	133	127	137	130	180	50	70	122	9.30	12.27
3 1/2	250308	L25308	135	142	127	137	140	200	50	80	142	10.40	15.12
3 9/16	250309	-	137	-	127	-	140	-	50	80	-	10.50	-
3 5/8	250310	L25310	139	145	127	137	140	200	55	80	142	10.60	15.39
3 3/4	250312	L25312	143	148	127	137	140	200	55	80	142	10.80	15.64
3 7/8	250314	L25314	147	151	127	137	140	200	55	80	142	11.00	15.96
4	250400	L25400	151	155	127	137	140	200	60	80	142	11.30	16.31
4 1/8	250402	L25402	155	158	127	137	150	220	60	90	162	12.10	18.21
4 3/16	250403	L25403	157	160	127	137	150	220	65	90	162	12.40	18.7
4 1/4	250404	L25404	159	163	127	137	150	220	65	90	162	12.80	19.24
4 3/8	250406	L25406	163	167	127	137	150	220	65	90	162	13.30	19.9
4 1/2	250408	L25408	167	172	127	137	150	220	65	90	162	13.60	20.92
4 9/16	250409	-	176	-	160	-	150	-	70	92	-	16.45	-
4 5/8	250410	L25410	178	178	160	160	150	220	70	88	162	15.20	24.28
4 3/4	250412	L25412	181	181	160	160	150	220	70	88	162	16.90	24.79
4 7/8	250414	L25414	186	186	160	160	150	220	75	88	162	17.30	25.77



KUUSIOHYLSYT

2 1/2" VÄÄNTIÖ

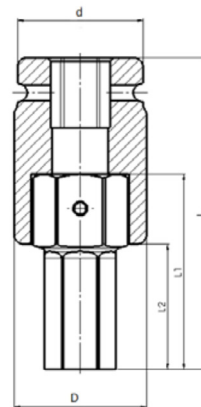
Hex	Nimike		D (mm)		d (mm)		L (mm)		t (mm)	T (mm)		Paino (kg)	
	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	Vakio	Pitkä	mm	Vakio	Pitkä	Vakio	Pitkä
tuuma													
5	250500	L25500	190	190	160	160	170	250	75	106	184	21.50	30.19
5 1/8	250502	L25502	195	195	160	160	170	250	75	106	183	22.00	31.44
5 3/16	250503	L25503	198	198	160	160	170	250	80	106	183	22.00	32.25
5 1/4	250504	L25504	200	200	160	160	170	250	80	106	182	22.50	32.88
5 3/8	250506	L25506	204	204	160	160	170	250	80	106	181	23.00	33.47
5 1/2	250508	L25508	208	208	160	160	170	250	80	106	180	23.00	34.4
5 9/16	250509	-	210	-	160	-	170	-	80	106	-	24.00	-
5 3/4	250512	L25512	216	216	160	160	170	250	85	106	178	25.00	36.00
5 7/8	250514	L25514	219	219	160	160	170	250	85	106	178	26.00	36.3
6	250600	L25600	221	221	160	160	180	250	85	115	177	30.00	36.68
6 1/8	250602	L25602	224	224	160	160	180	250	90	115	176	30.00	36.90
6 1/4	250604	L25604	228	228	160	160	180	250	90	115	175	30.50	38.30
6 3/8	250606	L25606	232	232	160	160	180	250	90	115	174	31.00	38.74
6 1/2	250608	L25608	235	235	160	160	180	250	95	115	173	32.00	38.74
6 3/4	250612	L25612	243	243	160	160	180	250	95	115	171	33.00	41.37
6 7/8	250614	L25614	247	247	160	160	180	250	95	115	170	33.50	42.44
7	250700	L25700	250	250	160	160	180	250	95	115	170	35.50	42.94
7 1/8	250702	-	253	-	160	-	225	-	110	143	-	46.00	-
7 1/4	250704	-	258	-	160	-	225	-	110	143	-	47.00	-
7 5/16	250705	-	260	-	160	-	225	-	120	143	-	47.50	-
7 1/2	250708	-	264	-	160	-	225	-	120	143	-	48.00	-
7 5/8	250710	-	269	-	160	-	225	-	120	143	-	49.00	-
7 13/16	250713	-	273	-	160	-	225	-	120	143	-	49.50	-
8 3/8	250806	-	291	-	160	-	225	-	120	143	-	58.5	-
8 7/16	250807	-	304	-	160	-	225	-	120	143	-	62.00	-
9 1/8	250902	-	312	-	160	-	225	-	120	143	-	65.00	-



KUUSIOTERÄHYLSY 1/2" VÄÄNTIÖ

Hex	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
mm						
6	000006MM MHX	25	25	48	22	10
8	000008MM MHX	25	25	52	26	14
10	000010MM MHX	25	25	56	30	18
12	000012MM MHX	40	40	84	49	24
14	000014MM MHX	40	40	83	53	28
17	000017MM HX	40	40	94	59	34
19	000019MM HX	40	40	98	63	38
22	000022MM HX	40	40	104	69	44
27	000027MM MHX	40	54	114	84	54

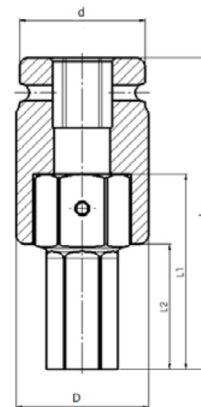
Hex	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
tuuma						
3/8	000006 MHX	25	25	55	29	17
7/16	000007 MHX	25	25	58	32	20
1/2	000008 MHX	40	40	85	50	25
9/16	000009 MHX	40	40	89	53	28
5/8	000010 MHX	40	40	92	57	32



KUUSIOTERÄHYLSY

3/4" VÄÄNTIÖ

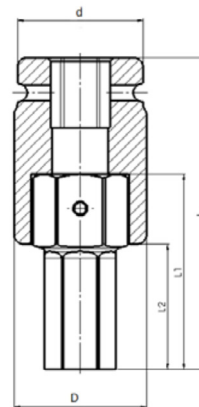
Hex	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
mm						
12	010012MM HX	44	44	94	49	24
14	010014MM HX	44	44	98	53	28
15	010015MM HX	44	44	100	55	30
16	010016MM HX	44	44	102	57	32
17	010017MM HX	44	44	104	59	34
18	010018MM HX	44	44	106	61	36
19	010019MM HX	44	44	108	63	38
20	010020MM HX	44	44	110	65	40
21	010021MM HX	44	44	112	67	42
22	010022MM HX	44	44	114	69	44
24	010024MM MHX	44	57	118	78	48
25	010025MM MHX	44	57	120	80	50
27	010027MM MHX	44	57	124	84	54
28	010028MM MHX	44	57	126	86	56
30	010030MM MHX	44	57	130	90	60
32	010032MM MHX	44	57	134	94	64
36	010036MM MHX	44	57	142	102	72
38	010038MM MHX	54	80	151	116	76
41	010041MM MHX	54	80	157	122	82
46	010046MM MHX	54	80	167	132	92
50	010050MM MHX	54	80	175	140	100
55	010055MM MHX	54	80	185	150	110



KUUSIOTERÄHYLSY

3/4" VÄÄNTIÖ

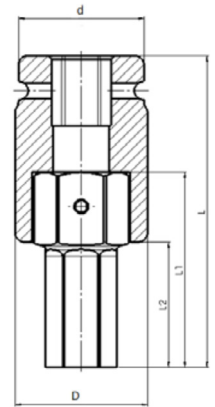
Hex	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
tuuma						
3/8	010006 MHX	44	44	88	43	18
1/2	010008 MHX	44	44	95	50	25
9/16	010009 HX	44	44	98	53	28
5/8	010010 HX	44	44	102	57	32
11/16	010011 HX	44	44	105	60	35
3/4	010012 HX	44	44	108	63	38
7/8	010014 HX	44	44	114	69	44
15/16	010015 MHX	44	57	118	78	48
1	010100 MHX	44	57	121	81	51
1 1/8	010102 MHX	44	57	127	87	57
1 1/4	010104 MHX	44	57	134	94	64
1 3/8	010106 MHX	44	57	140	100	70
1 1/2	010108 MHX	54	80	151	116	76
1 3/4	010112 MHX	54	80	164	129	89
1 13/16	010113 MHX	54	80	167	132	92
2	010200 MHX	54	80	175	140	100



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1" VÄÄNTIÖ

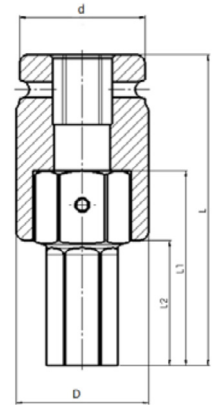
Hex	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
mm						
10	020010MM HX	54	54	95	45	20
14	020014MM HX	54	54	103	53	28
16	020016MM HX	54	54	107	57	32
17	020017MM HX	54	54	109	59	34
19	020019MM HX	54	54	113	63	38
20	020020MM HX	54	54	115	65	40
21	020021MM HX	54	54	117	67	42
22	020022MM HX	54	54	119	69	44
23	020023MM MHX	54	54	126	71	46
24	020024MM MHX	54	54	128	73	48
25	020025MM MHX	54	57	130	80	50
26	020026MM MHX	54	57	132	82	52
27	020027MM MHX	54	57	134	84	54
28	020028MM MHX	54	57	136	86	56
29	020029MM MHX	54	57	138	88	58
30	020030MM MHX	54	57	140	90	60
32	020032MM MHX	54	57	144	94	64
33	020033MM MHX	54	57	146	96	66
34	020034MM MHX	54	57	148	98	68
36	020036MM MHX	54	57	157	102	72
39	020039MM MHX	76	80	168	118	78
41	020041MM MHX	76	80	172	122	82
42	020042MM MHX	76	80	174	124	84
46	020046MM MHX	76	80	182	132	92
48	020048MM MHX	76	80	186	136	96
50	020050MM MHX	76	80	190	140	100
55	020055MM MHX	76	80	200	150	110
58	020058MM HX	76	91	206	156	116
60	020060MM HX	76	93	210	160	120
65	020065MM HX	76	99	220	170	130
75	020075MM HX	76	113	240	200	150
80	020080MM HX	76	119	250	210	160



KUUSIOTERÄHYLSY

1" VÄÄNTIÖ

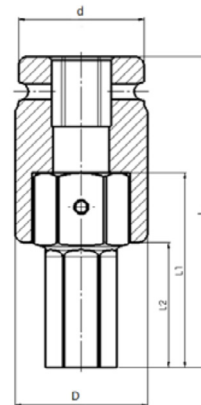
Hex	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
tuuma						
5/16	020005 HX	54	54	90	40	15
3/8	020006 HX	54	54	93	43	18
1/2	020008 HX	54	54	100	50	25
9/16	020009 HX	54	54	103	53	28
5/8	020010 HX	54	54	107	57	32
11/16	020011 HX	54	54	110	60	35
3/4	020012 HX	54	54	113	63	38
7/8	020014 HX	54	54	119	69	44
15/16	020015 MHX	54	54	128	73	48
1	020100 MHX	54	57	131	81	51
1 3/16	020103 MHX	54	57	140	90	60
1 1/4	020104 MHX	54	57	144	94	64
1 5/16	020105 MHX	54	57	147	97	67
1 3/8	020106 MHX	54	57	150	100	70
1 7/16	020107 MHX	76	80	163	113	73
1 1/2	020108 MHX	76	80	166	116	76
1 9/16	020109 MHX	76	80	170	120	80
1 5/8	020110 MHX	76	80	172	122	82
1 11/16	020111 MHX	76	80	176	126	86
1 3/4	020112 MHX	76	80	179	129	89
1 13/16	020113 MHX	76	80	182	132	92
1 7/8	020114 MHX	76	80	185	135	95
2	020200 MHX	76	80	190	140	100



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1 1/2" VÄÄNTIÖ

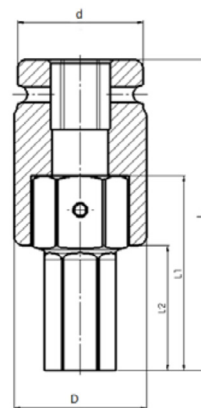
Hex mm	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
17	080017MM HX	84	84	139	59	34
19	080019MM HX	84	84	143	63	38
22	080022MM HX	84	84	149	69	44
23	080023MM MHX	84	84	151	76	46
24	080024MM MHX	84	84	153	78	48
25	080025MM MHX	84	84	155	80	50
27	080027MM MHX	84	84	159	84	54
30	080030MM MHX	84	84	165	90	60
32	080032MM MHX	84	84	169	94	64
35	080035MM MHX	84	84	175	100	70
36	080036MM MHX	84	84	177	102	72
37	080037MM MHX	86	90	174	114	74
38	080038MM MHX	86	90	176	116	76
40	080040MM MHX	86	90	180	120	80
41	080041MM MHX	86	90	182	122	82
45	080045MM MHX	86	90	190	130	90
46	080046MM MHX	86	90	192	132	92
48	080048MM MHX	86	90	196	136	96
50	080050MM MHX	86	90	200	140	100
55	080055MM MHX	86	90	210	150	110
60	080060MM MHX	86	105	225	160	120
63	080063MM MHX	86	105	231	166	126
65	080065MM MHX	86	105	235	170	130
75	080075MM HX	86	125	250	200	150
80	080080MM HX	86	131	260	210	160



KUUSIOTERÄHYLSY

1 1/2" VÄÄNTIÖ

Hex	Nimike	D (mm)	d (mm)	L (mm)	L1 (mm)	L2 (mm)
tuuma						
3/4	080012 HX	84	84	143	63	38
7/8	080014 HX	84	84	149	69	44
1	080100 MHX	84	84	156	81	51
1 1/16	080101 MHX	84	84	159	84	54
1 1/8	080102 MHX	84	84	162	87	57
1 3/16	080103 MHX	84	84	165	90	60
1 1/4	080104 MHX	84	84	169	94	64
1 3/8	080106 MHX	84	84	175	100	70
1 1/2	080108 MHX	86	90	176	116	76
1 9/16	080109 MHX	86	90	180	120	80
1 5/8	080110 MHX	86	90	182	122	82
1 11/16	080111 MHX	86	90	186	126	86
1 3/4	080112 MHX	86	90	189	129	89
1 13/16	080113 MHX	86	90	192	132	92
1 7/8	080114 MHX	86	90	195	135	95
2	080200 MHX	86	90	200	140	100
2 1/16	080201 MHX	86	90	205	145	105
2 1/8	080202 MHX	86	90	208	148	108
2 3/16	080203 MHX	86	105	216	151	111
2 1/4	080204 MHX	86	105	219	154	114





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