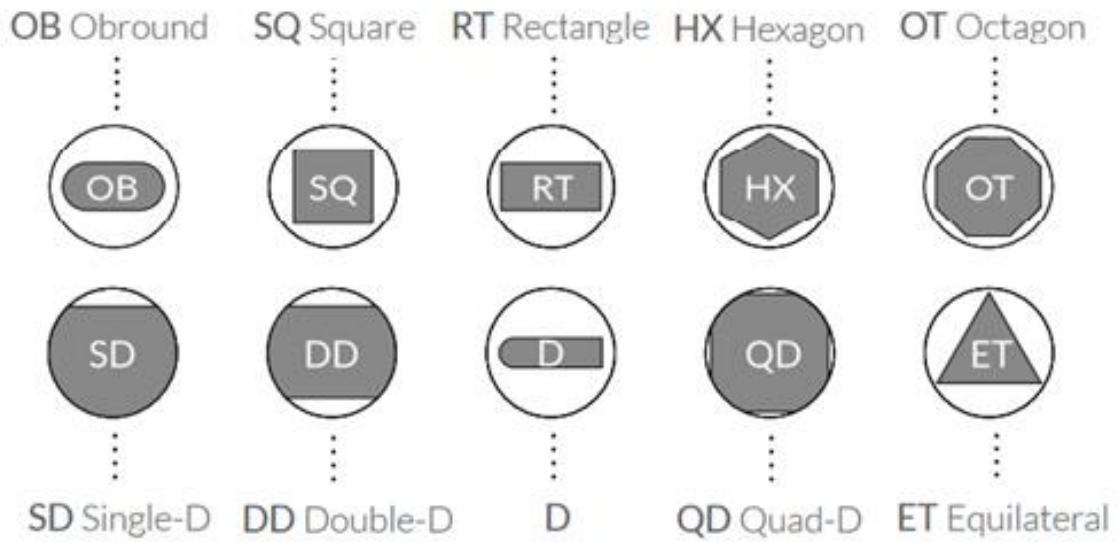


Luettelo Elekmerk Oy:n levyntyöstökoneiden työkaluista

Sisällys

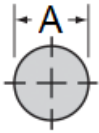
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Standardimuodot

RND Round (Pyöreä)



ToolID	A (mm)
C1.7K	1,7
C1.7	1,7
C1.7A	1,7
C2	2
C2.0K	2
C2A	2
C2.2	2,2
C2.3	2,3
C2.3K	2,3
C2.4K	2,4
C2.4	2,4
C2.5	2,5
C2.5K	2,5
C2.5A	2,5
C2.6	2,6
C2.7	2,7
C2.8	2,8
C2.9	2,9
C3	3
C3K	3
C3KK	3
C3A	3
C3.1	3,1
C3.2	3,2
C3.2A	3,2
CC3.2	3,2
C3.3	3,3
C3.3A	3,3
C3.4	3,4
C3.5	3,5
C3.5K	3,5
C3.5A	3,5

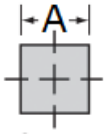
C3.6K	3,6
C3.6VK	3,6
C3.6	3,6
C3.6KV	3,6
C3.7	3,7
C3.7K	3,7
C3.8	3,8
C3.9	3,9
C4	4
C4.0K	4
C4A	4
C4.1	4,1
C4.2K	4,2
C4.2	4,2
C4.25	4,25
C4.25K	4,25
C4.25A	4,25
C4.3	4,3
C4.4	4,4
C4.5	4,5
C4.5K	4,5
C4.5KK	4,5
C4.5A	4,5
C4.6	4,6
C4.7	4,7
C4.7VK	4,7
C4.8	4,8
C4.9	4,9
C5.0	5
C5.0K	5
C5	5
C5.1K	5,1
C5.3K	5,3
C5.3	5,3
C5.4K	5,4
C5.4	5,4
C5.5	5,5
C5.5A	5,5

C5.6	5,6
C5.8	5,8
C6.0	6
C6.0A	6
C6	6
C6.1K	6,1
C6.1	6,1
C6.3	6,3
C6.4	6,4
C6.4K	6,4
C6.5	6,5
C6.5K	6,5
C6.5A	6,5
C6.6	6,6
C6.8A+B	6,8
C7	7
C7.0K	7
C7A	7
C7.2	7,2
C7.2K	7,2
C7.5	7,5
C8	8
C8.0K	8
C8A	8
C8.1	8,1
C8.3	8,3
C8.5	8,5
C8.8K	8,8
C8.8	8,8
C8.9	8,9
C9	9
C9.5	9,5
C9.53	9,53
C9.8	9,8
C10	10
C10-OUTOTEC	10
C10.2	10,2
C10.5	10,5
C11	11
C11.5	11,5
C11.8	11,8
C12	12

C12.2	12,2
C12.5	12,5
C12.8	12,8
C13	13
C13.2	13,2
C13.5	13,5
C13.6	13,6
C13.8	13,8
C14	14
C14.5	14,5
C15	15
C15.2	15,2
C15.5	15,5
C16	16
C16.1	16,1
C16.5	16,5
C17	17
C17.5	17,5
C18	18
C18.5	18,5
C19	19
C19.2	19,2
C20	20
C20.1	20,1
C20.5	20,5
C21	21
C22	22
C22.5	22,5
C23	23
C24	24
C25	25
C25.2	25,2
C26	26
C27	27
C28	28
C28.5	28,5
C29	29
C30	30
C30.5	30,5
C31	31
C31.5	31,5
C32	32

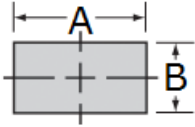
C34	34
C35	35
C36	36
C37	37
C38.15	38,15
C38.5	38,5
C40	40
C42	42
C43	43
C44.5	44,5
C46	46
C48.5_MOVETEC	48,5
C50	50
C60	60

SQ Square (Neliö)



ToolID	A (mm)
SQ3	3
SQ4	4
SQ5	5
SQ6	6
SQ6.5	6,5
SQ6.5B	6,5
SQ7	7
SQ8	8
SQ8.5	8,5
SQ9	9
SQ9.5	9,5
SQ10	10
SQ11	11
SQ11.5	11,5
SQ12	12
SQ12.3	12,3
SQ13	13
SQ14	14
SQ15	15
SQ16	16
SQ16.5	16,5
SQ20	20
SQ25	25
SQ30	30
SQ40	40

RT Rectangle (Suorakulmio)

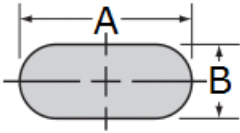


ToolID	A (mm)	B (mm)
RE20X4	20	4
RE50X5	50	5
RE15X1	15	1
RE6X1	6	1
RE85X5	85	5
RE22X7.5	22	7,5
RE15X2	15	2
RE30X20	30	20
RE8X2	8	2
RE9X4	9	4
RE30X10_ACTUAL	30	10
RE9X3	9	3
RE32X12	32	12
RE16X7	16	7
RE8X5	8	5
RE10.2X3.2	10,2	3,2
RE30X5	30	5
RE30X5_3RI	30	5
RE10X5_3RI	10	5
RE15X5	15	5
RE10X5	10	5
RE3.5X2.5	3,5	2,5
RE25X3	25	3
RE88X5	88	5
SILTA24.7X5_ALAS	24,7	5
RE20X4B	20	4
RE30X3.5	30	3,5
RE15X1.5	15	1,5
RE13X6	13	6
RE13.2X9.8	13,2	9,8
RE20X2	20	2
RE16.5X13.5	16,5	13,5
RE13X2	13	2
6X1	6	1

RE6X1.2	6	1,2
RE5X1.5	5	1,5
15X1.5	15	1,5
RE4.1X1.6	4,1	1,6
RE4.5X1.6	4,5	1,6
RE5.1X1.7	5,1	1,7
RE6X1.8	6	1,8
RE13.5X1.8	13,5	1,8
RE3X2	3	2
RE5X2	5	2
6X2	6	2
8X2	8	2
10X2	10	2
15X2	15	2
RE18.2X2.2	18,2	2,2
RE8.1X2.4	8,1	2,4
RE16X2.5	16	2,5
RE5.5X3	5,5	3
RE11X1.2	11	1,2
RE5.2X3.1	5,2	3,1
RE6.2X3.2R=0.2	6,2	3,2
RE6.4X3.2	6,4	3,2
RE8X3.2	8	3,2
RE9.6X3.3	9,6	3,3
RE4X3.4	4	3,4
RE5X3.5	5	3,5
RE5.5X3.5	5,5	3,5
RE6.7X3.5	6,7	3,5
30X3.5	30	3,5
RE30X4	30	4
RE8.1X4.1	8,1	4,1
RE10X4.2	10	4,2
RE10.2X4.2	10,2	4,2
10X5	10	5
21X5	21	5
RE22X5	22	5

RE24.7X5	24,7	5
26X5	26	5
RE6.4X5.5	6,4	5,5
RE19.5X5.6	19,5	5,6
RE8X6	8	6
RE26X6	26	6
RE38X6	38	6
RE40X6	40	6
17.4X8.4	17,4	8,4
31.4X8.4	31,4	8,4
12.6X9	12,6	9
13.2X9.8	13,2	9,8
RE30X10	30	10
RE12.5X10.5	12,5	10,5
RE45.5X11	45,5	11
RE14.9X12	14,9	12
RE16.85X12.77	16,85	12,77
RE23.6X13.1	23,6	13,1
RE19.6X13.3	19,6	13,3
RE23.9X13.5	23,9	13,5
RE29X13.5	29	13,5
RE25X14.4	25	14,4
17.65X14.49	17,65	14,49
RE34X15	34	15
RE21.5X15.2	21,5	15,2
RE21X15.5	21	15,5
RE16.5X16	16,5	16
RE27X16	27	16
RE40X17.5	40	17,5
RE43X18	43	18
26.3X18.25	26,3	18,25
30X20	30	20
RE70X20	70	20
RE35X22	35	22
RE46X25	46	25
RE47X25	47	25
50X30	50	30
RE55X35	55	35
15X1.5I	15	1,5

OB Obround (Ovaali)

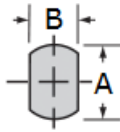


ToolID	A (mm)	B (mm)
OB5.1X4.1	5,1	4,1
OB8.1X4.2	8,1	4,2
OB11.2X4.2	11,2	4,2
OB8X4.5	8	4,5
OB7.5X5	7,5	5
OB9X5	9	5
OB10X5	10	5
OB12X5	12	5
OB20X5	20	5
OB25X5	25	5
OB20X5.2	20	5,2
OB8.5X5.5	8,5	5,5
OB12X3.5	12	3,5
OB5X1	5	1
OB6X1	6	1
OB2.4X1.5	2,4	1,5
OB15X1.8	15	1,8
OB10X2	10	2
OB15X2	15	2
OB16X2.5	16	2,5
OB30X2.5	30	2,5
OB16X2.8	16	2,8
OB6X3	6	3
OB8.6X3	8,6	3
OB20X3	20	3
OB45X3	45	3
OB5.2X3.2	5,2	3,2
OB8X3.2	8	3,2
OB10X3.2	10	3,2
OB5.5X3.5	5,5	3,5
OB6.5X3.5	6,5	3,5
OB4.4X3.6	4,4	3,6
OB8X3.8	8	3,8
OB18.35X3.85	18,35	3,85

OB7X4	7	4
OB10X4	10	4
OB30X4	30	4
OB10X5.5	10	5,5
OB20X5.5	20	5,5
OB10X6	10	6
OB20X6	20	6
OB12X6.5	12	6,5
OB30X6.5	30	6,5
OB10X7	10	7
OB12X7	12	7
OB14X7	14	7
OB15X7	15	7
OB30X7	30	7
OB30X7.5	30	7,5
OB11X8	11	8
OB12.5X8	12,5	8
OB22X8	22	8
OB60X8.2	60	8,2
OB15X9	15	9
OB18X9.5	18	9,5
OB20X10	20	10
OB25X10	25	10
OB40X10	40	10
OB16X11	16	11
OB24X11	24	11
OB27X11	27	11
OB28X12	28	12
OB30X18	30	18
OB7.2X3.2	7,2	3,2
OB8X6	8	6
OB37.5X5	37,5	5
OB51X5	51	5
OB10X4.5	10	4,5
OB84X4	84	4
OB61.4X3	61,4	3

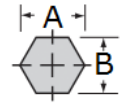
OB30X10.5	30	10,5
OB24X2.5	24	2,5
OB9X5.8	9	5,8

DD Double-D



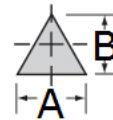
ToolID	A (mm)	B (mm)
DD_4.7X3.2	4,7	3,2
DD_5.2X3.2	5,2	3,2
DD_6X3.3	6	3,3
DD_6.4X5.2	6,4	5,2
DD_9X8.3	9	8,3
DD_9.7X6.8	9,7	6,8
DD_9.7X8	9,7	8
DD_10X8.3	10	8,3
DD_10.5X7.5	10,5	7,5
DD_12X11.2	12	11,2
DD_13X11.5	13	11,5
DD_15.5X13.7	15,5	13,7
DD_16.1X13.7	16,1	13,7
DD_16.2X13.2	16,2	13,2
DD_16.5X13.5	16,5	13,5
DD_18.1X17.1	18,1	17,1
DD_19.1X16.1	19,1	16,1
DD_21.7X20	21,7	20
DD_29X26	29	26

HX Hexagon (Kuusikulmio)



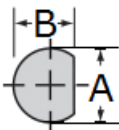
ToolID	A (mm)	B (mm)
HEXA_12.5	14,4338	12,5
HEXA_6MM	6,9282	6
HEXA_9.1	10,5078	9,1
HEXA_9.5	10,9697	9,5
HEXARYHMA12.5	66,4338	42,5
HX_11.1	12,8172	11,1
HX_7.1	8,1984	7,1

Kolmio



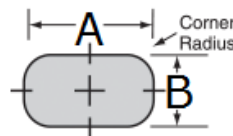
ToolID	A (mm)	B (mm)
KOLMIO_34X8	8	34
KOLMIO_29.5X10	10,256	29,509
KOLMIO_35X11	11	35

SD Single-D



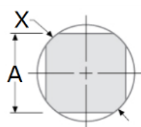
ToolID	A (mm)	B (mm)
SD_6.6X6.35	6,6	6,35
SD_9.5X8.8	9,5	8,8
SD_10X9.2	10	9,2
SD_11X10.5	11	10,5
SD_12.9X12.15	12,9	12,15
SD_17.7X17	17,7	17
SD_25.7X24.3	25,7	24,3

RR (Suorakulmio pyöristetyillä kulmilla)



ToolID	A (mm)	B (mm)
RR_10X7.2	10	7,2
RR_10X10X2.5	10	10
RR_10.5X10.5X1	10,5	10,5
RR_11X5	11	5
RR_12.5X12.5X2.2	12,5	12,5
RR_13X13X1	13	13
RR_19.6X13.3X1	19,6	13,3
RR_20X11X2	20	11
RR_21X20X4	21	20
RR_22X22X2.5	22	22

QD Quad-D



ToolID	A (mm)	B (mm)
QD_23X20.5	20,5	20,5

RR_26.4X16X1	26,4	16
RR_30X30X2	30	30
RR_30.8X22.8X5	30,8	22,8
RR_31.5X23X5	31,5	23
RR_33.5X24.5X3	33,5	24,5
RR_35X25X2	35	25
RR_40X20X1.5	40	20
RR_46X20X2	46	20

M5_VETO_YLOS	3,5	3,5
M6_VETO_ALAS_2MM	4,5	4,5

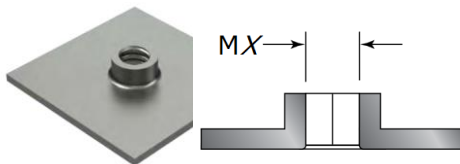
Erikoistyökalut

Wheel

Wheel-työkaluilla onnistuvat erinomaisesti erilaiset jäykennykset ja muodot.



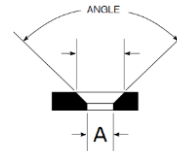
Vetotyökalut



ToolID	A (mm)	B (mm)
M2.5_VETO_ALAS	2	2
M2_VETO_ALAS	2	2
M3_VETO_ALAS	2,5	2,5
M3_VETO_YLOS	2,5	2,5
M4_VETO_ALAS	2,5	2,5
M4_VETO_ALAS2MM	4	4
M4_VETO_YLOS	2,5	2,5
M4_VETO_YLOS2MM	4	4
M4_VETOALAS_2MM	2,5	2,5
M4_YLOS_1_5	2,5	2,5
M5_VETO_ALAS	3,5	3,5
M5_VETO_ALAS_2MM	3,5	3,5

Kierteet

ToolID	A (mm)	B (mm)
M2.5	2,5	2,5
M3	3	3
M4	4	4
M5	5	5
M6	6	6
M8	8	8



Senkki

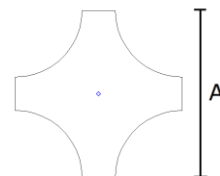
Kysy erikokoisia senkkausvaihtoehtoja!

Kaari



ToolID	A (mm)
R2X1	4
R3X1	5,5
R5X1	8,5
R8X4	20,9961

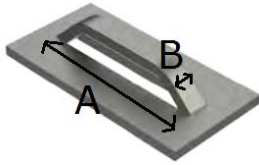
CR



ToolID	A (mm)
CR_1	7
CR_3_PIENI	8
CR_R2	9
CR_R3	11
CR_5_1MM	11
CR_R5	15
CR_10_3	16,2635

CR_10	25
CR_16	37

Silta

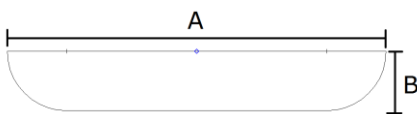


ToolID	A (mm)	B (mm)
SILTA_661845	7	10
SILTA_9X6	10,5	5,8
SILTA_13X2	13	2
SILTA_13.7X2	13,7	2
SILTA_14X2_CERN	13,7	2
SILTA_17X5	17,3941	5
SILTA_24X5	25	5
SILTA_25X5_ALAS	25	5
SILTA_25X5_YLÖS	25	5

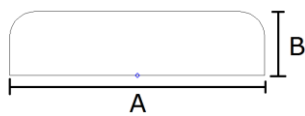
Louverit



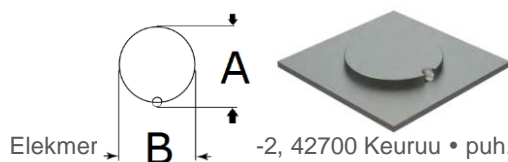
LOUV_77X12



LOUVER_50



ToolID	A (mm)	B (mm)
LOUV_77X12	77	24
LOUVER_50	50	25



Elekmer

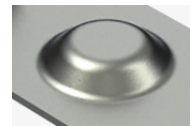
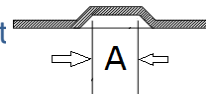
B

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Knockout

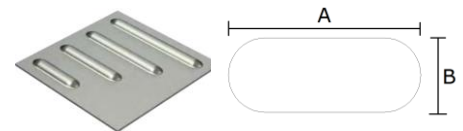
ToolID	A (mm)	B (mm)
KNOCKOUT_21	24	21

Upotukset



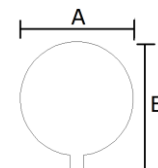
ToolID	A (mm)
UPOTUS_19.29	10
UPOTUS_23.66	15
UPOTUS_22	18
UPOTUS_30.49	20
UPOTUS26	26
UPOTUS46	46
UPOTUS_60	60

Jäykkäri



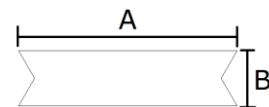
ToolID	A (mm)	B (mm)
JAYKKARI	32,5	12,5

Key



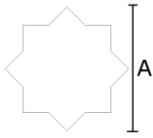
ToolID	A (mm)	B (mm)
KEY	16,2213	20,0011

Lohenpyrstö



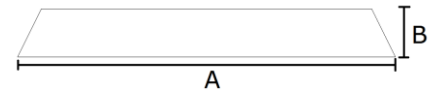
ToolID	A (mm)	B (mm)
LOHENPYRSTO_20X5	20	5

Tähti



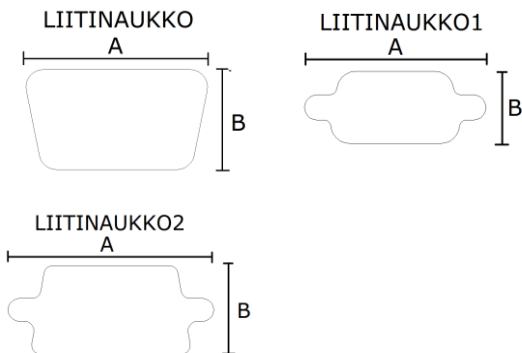
ToolID	A (mm)
TAHTI	11,8794

Puolisuunnikas



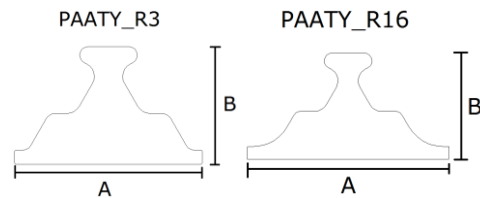
ToolID	A (mm)	B (mm)
PUOLIS_40X5	40	5

Liitinaukot



ToolID	A (mm)	B (mm)
LIITINAUKKO	20,978	11,5
LIITINAUKKO1	29	11,4
LIITINAUKKO2	28,1	12

Päädyt



ToolID	A (mm)	B (mm)
PAATY_R3	66,5163	57,2725
PAATY_R16	80	57,9599

Liukueste



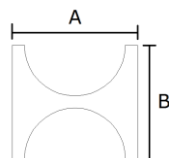
ToolID	A (mm)
LIUKUESTE_PIENI	12
LIUKUESTE_ISO	14

Verhouspiikki



ToolID	A (mm)	B (mm)
VERHOUSPIIKKI	6,2	3,2154

Pyöristys



ToolID	A (mm)	B (mm)
PYORISTYS	52	47