## T/pecialin/ert

#### THREADED BUSHINGS WITH LOCKING KEYS

Dowel-Insert® series 91000/91100 metric light

Application: on prepared material with threaded seat.

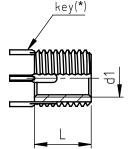
Dowels are pressed into the receiving

material to prevent unscrewing

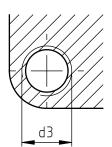
of the insert.

Assembly: by manual or machine tools.

Dowels are inserted by pressure.







(\*)  $\leq$  M 6, 2 locking keys; > M 6, 4 locking keys

Product features					Installation				
steel	stainless	d1 910 6H	d2 910 6g	L	hole preparation		Ø chamfer + 0,25	d3	
	steel	911 5H	911 4h		Ø	tolerance	0	6H	depth min.
9100005080	9110005080	M 5X0,8	M 8X1,25	8,0	6,9	+0,100 -0,025	8,25	M 8X1,25	9,5
9100006100	9110006100	M 6X1,0	M 10X1,25	10,0	8,8	+0,100 -0,025	10,25	M 10X1,25	11,5
9100008125	9110008125	M 8x1,25	M 12X1.25	12,0	10,8	+0,100 -0,025	12,25	M 12X1,25	13,5
9100008100	9110008100	M 8×1,0	111 12 × 1,25						
9100010150	9110010150	M 10×1,5	M 1/ V1 F	14,0	12,8	+0,130 -0,025	14,25	M 14X1,5	15,5
9100010125	9110010125	M 10×1,25	M 14X1,5						
9100012175	9110012175	M 12×1,75	M 16 V/1 F	16,0	14,75	+0,130 -0,025	16,25	M 16X1,5	17,5
9100012125	9110012125	M 12x1,25	M 16X1,5						

Disassembly						
Ø hole	depth					
5,50	4,00					
7,50	4,75					
9,50	4,75					
11,50	4,75					
13,50	4,75					

For Dowel-Insert® bushes compliant with MS and NAS, please contact the Specialinsert® tech/sales office

Standard

On demand

Material: bush 910

stainless steel

AISI 303 911

locking key stainless steel

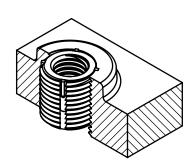
AISI 302

Finishing: dowel-insert steel: zinc phosphating

dowel-insert stainless steel: passivation

d1 internal standard metric Thread:

Other threads, forms and types on request. Non binding dimensions, expressed in mm.





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Milan branch:

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www.specialinsert.it - export@specialinsert.it

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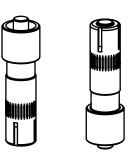
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# THREADED BUSHINGS WITH LOCKING KEYS

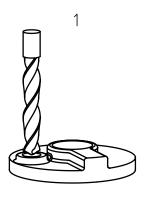
Dowel-Insert® series 91000/91100 metric light

### Complete tool

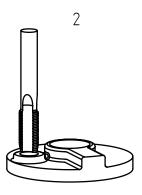


Complete tool	Dowel insert
	steel/stainless steel
915 0050.00	91_0005080
915 0060.00	91_0006100
915 0080.00	91_0008125
915 0000.00	91_0008100
915 0100.00	91_0010150
910 0100.00	91_0010125
915 0120.00	91_0012175
0120.00	91_0012125

### Assembly instructions:



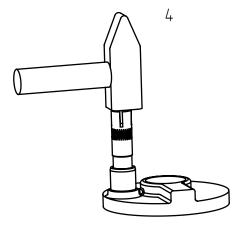
drill according to table references, perform chamfer at 82°–100°



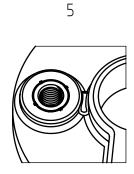
thread with standard male



screw with bushing by hand or with manual installation tool at 0,25–0,70 mm under the edge of the surface



turn the tool upside down to drive the keys with a few hammer blows



bushing positioned



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