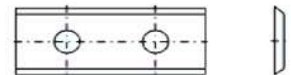
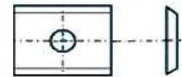


INSERTOS DE CARBURO INSERTS

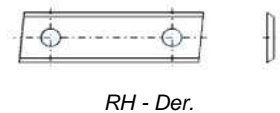
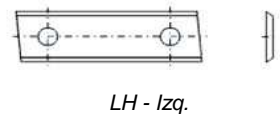
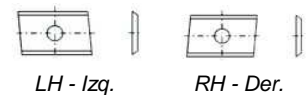
INSERTO RECTO DE 2 FILOS STANDARD 2-SIDED STRAIGHT INSERTS

DIMENSION	Grado Estándar STD Grade	Grado Premium Grade
7.5 x 12 x 1.5	5000-075-00	5000-075-00#5
8.6 x 12 x 1.5	5000-086-00	
9.0 x 12 x 1.5	5000-090-00	5000-090-00#5
9.6 x 12 x 1.5	5000-096-00	5000-096-00#5
10.5 x 12 x 1.5	5000-105-00	5000-105-00#5
13 x 12 x 1.5	5000-013-00	5000-013-00#5
15 x 12 x 1.5	5000-015-00	5000-015-00#5
15.7 x 12 x 1.5	5000-157-00	5000-157-00#5
18 x 12 x 1.5	5000-018-00	5000-018-00#5
20 x 12 x 1.5	5000-020-00	5000-020-00#5
25 x 12 x 1.5	5000-025-00 1H	5000-025-00-1H#5
25 x 12 x 1.5	5000-025-00 2H	5000-025-00-2H#5
30 x 12 x 1.5	5000-030-00	5000-030-00#5
40 x 12 x 1.5	5000-040-00	5000-040-00#5
50 x 12 x 1.5	5000-050-00	5000-050-00#5
60 x 12 x 1.5	5000-060-00	5000-060-00#5
80 x 13 x 2.2	5000-080-00	5000-080-00#5
100 x 13 x 2.2	5000-100-00	5000-100-00#5
120 x 13 x 2.2	5000-120-00	5000-120-00#5



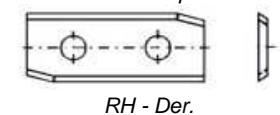
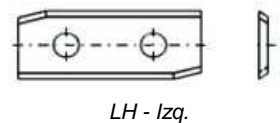
INSERTOS CON BISEL DE 5 GRADOS SKEW SIDE INSERTS (5-DEGREE ANGLE)

DIMENSION	Grado Estándar STD Grade	Grado Premium Grade
20 x 12 x 1.5	5100-020-L	5100-020-L#5
20 x 12 x 1.5	5100-020-R	5100-020-R#5
30 x 12 x 1.5	5100-030-L	5100-030-L#5
30 x 12 x 1.5	5100-030-R	5100-030-R#5
40 x 12 x 1.5	5100-040-L	
40 x 12 x 1.5	5100-040-R	
50 x 12 x 1.5	5100-050-L	5100-050-L#5
50 x 12 x 1.5	5100-050-R	5100-050-R#5



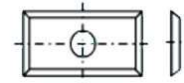
INSERTOS CON CHAFLAN BEVEL INSERTS (HOLZ-HER STYLE)

DIMENSION	Grado Estándar STD Grade	Grado Premium Grade
30 x 12 x 1.5	5200-295-L	5200-295-L#5
30 x 12 x 1.5	5200-295-R	5200-295-R#5
50 x 12 x 1.5	5200-050-L	5200-050-L#5
50 x 12 x 1.5	5200-050-R	5200-050-R#5

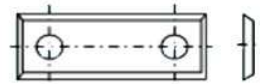


INSERTOS DE 4 FILOS
4-SIDED INSERTS

19.5 x 7.0 x 1.5	5300-020-07
19.5 x 7.5 x 1.5	5300-020-75
19.5 x 8 x 1.5	5300-020-08
19.5 x 9 x 1.5	5300-020-09
19.5 x 10 x 1.5	5300-020-10
19.5 x 11 x 1.5	5300-020-11
19.5 x 12 x 1.5	5300-020-12



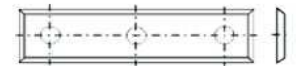
29.5 x 7.0 x 1.5	5300-030-07	
29.5 x 7.5 x 1.5	5300-030-75	
29.5 x 8.0 x 1.5	5300-030-08	
29.5 x 9.0 x 1.5	5300-030-09	5300-030-09#5
29.5 x 10 x 1.5	5300-030-10	
29.5 x 11 x 1.5	5300-030-11	
29.5 x 12 x 1.5	5300-030-30	5300-030-30#5



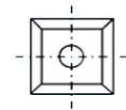
39.5 x 9 x 1.5	5300-040-09	
39.5 x 12 x 1.5	5300-040-40	
49.5 x 8 x 1.5	5300-050-08	
49.5 x 9 x 1.5	5300-050-09	5300-050-09#5
49.5 x 10 x 1.5	5300-050-10	
49.5 x 11 x 1.5	5300-050-11	
49.5 x 12 x 1.5	5300-050-50	5300-050-50#5



50 x 12 x 1.7	5300-050-50-3	5300-050-50-3#5
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DIMENSION	Grado Estándar STD Grade	Grado Premium Grade
10.5 x 10.5 x 1.5	5300-010-10	5300-010-10#5
12 x 12 x 1.5	5300-012-12	5300-012-12#5
13 x 13 x 2.5	5300-013-13-4	
17 x 17 x 2	5300-017-17	5300-017-17#5
19 x 19 x 2	5300-019-19	5300-019-19#5

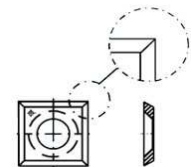


14 x 14 x 1.2	5300-014-12-1
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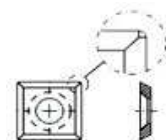


For Holz-Her system

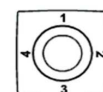
10.5 x 10.5 x 1.5	5300-105-10#8	5300-105-10#5
13 x 13 x 2.5	5300-013-13#7	
13.6 x 13.6 x 2	5300-136-13#7	
14 x 14 x 1.2	5300-014-12-1#	
14 x 14 x 1.7	5300-014-17#7	
14 x 14 x 2.0	5300-014-14	5300-014-14#5
14.3 x 14.3 x 2.5	5300-143-14#8	5300-143-14#5
14.6 x 14.6 x 2.5	5300-146-14#8	5300-146-14#5
15 x 15 x 2.5	5300-015-25#8	5300-015-25#5



14 x 14 x 2.0	5300-014-14#8	5300-014-14#7	p/Mad. Sólidas
15 x 15 x 2.5	5320-015-25#8		

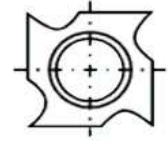


15 x 15 x 2.5	5300-015-25-150#8	R=150	
15 x 15 x 2.5	5300-015-25-115#8	R=115	5300-015-25-115#5



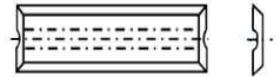
LAMELLO INSERTS

DIMENSION	Grado p/Mad. Sólidas
14 x 14 x 2	5800-140-02#7
14 x 14 x 2.5	5800-140-25#7
14 x 14 x 3	5800-140-03#7
18 x 18 x 1.95	5800-180-02#7
18 x 18 x 2.45	5800-180-245#7
18 x 18 x 2.95	5800-180-295#7
18 x 18 x 3.7	5800-180-37#7



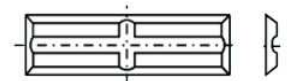
RANURA EN CARA 4 FILOS
FACE GROOVE (4-SIDED)

DIMENSION	Grado Estándar STD Grade
20 x 5.5 x 1.1	5500-020-55-4
25 x 5.5 x 1.1	5500-025-55-4
30 x 5.5 x 1.1	5500-030-55-4
35 x 5.5 x 1.1	5500-035-55-4
40 x 5.5 x 1.1	5500-040-55-4
45 x 5.5 x 1.1	5500-045-55-4
50 x 5.5 x 1.1	5500-050-55-4



RANURA ATRAS CON RANURA AL REVERSO (4 LADOS)
ESTILO LEITZ
BACK GROOVE+CENTER NOTCH(4-SIDED)
LEITZ STYLE

DIMENSION	Grado Estándar STD Grade
20 x 4.1 x 1.1	5900-020-41-4
20 x 5.5 x 1.1	5900-200-55-4
25 x 5.5 x 1.1	5900-250-55-4
30 x 5.5 x 1.1	5900-300-55-4
40 x 5.5 x 1.1	5900-400-55-4
50 x 5.5 x 1.1	5900-500-55-4



RANURA EN CARA 2 FILOS
FACE GROOVE (2-SIDED)

DIMENSION	Grado Estándar STD Grade	Grado Premium Grade
12 x 5.5 x 1.1	5500-012-55	
20 x 5.5 x 1.1	5500-020-55	5500-020-55#5 Quote
30 x 5.5 x 1.1	5500-030-55	
40 x 5.5 x 1.1	5500-040-55	
50 x 5.5 x 1.1	5500-050-55	
60 x 5.5 x 1.1	5500-060-55	
7.70 x 8 x 1.5	5500-077-08	
9.70 x 8 x 1.5	5500-097-08	
14.7 x 8 x 1.5	5500-014-08	
19.7 x 8 x 1.5	5500-019-08	
24.7 x 8 x 1.5	5500-024-08	
30.0 x 8 x 1.5	5500-030-08	
40.0 x 8 x 1.5	5500-040-08	
50.0 x 8 x 1.5	5500-050-08	
50.0 x 8 x 1.5 4	5500-050-08-4	
60.0 x 8 x 1.5	5500-060-08	



*Todos los insertos de 2 filos pueden ser modificados a 4 filos, a petición del cliente.

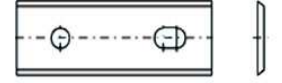
**RANURA EN RESPALDO 2 FILOS
BACK GROOVE (2-SIDED)**

DIMENSION	Grado Estándar STD Grade
12 x 5.5 x 1.1	5900-012-55
20 x 5.5 x 1.1	5900-020-55
30 x 5.5 x 1.1	5900-030-55
40 x 5.5 x 1.1	5900-040-55
50 x 5.5 x 1.1	5900-050-55



OPPOLD INSERT

DIMENSION	Grado Estándar STD Grade
44.5 x 15 x 1.5	5000-044-15



TRIANGLE SPUR INSERTS

DIMENSION	Grado p/Mad. Sólidas
22 x 19 x 2	5700-022-19#7

