

**Gravierstichel**  
**Engravers' gravers**

**Echoppes**  
**Buriles para grabar**

**Flachstichel** *Flat edge*

**Bord plat**

**Borde plano**



<b>No</b>			
<b>N°</b>	<b>A = mm</b>	<b>HSS-L = 65 mm</b>	<b>WS - L = 80 mm</b>
2	0.2	70401.2.HSS	70401.2.WS
4	0.4	70401.4.HSS	70401.4.WS
6	0.6	70401.6.HSS	70401.6.WS
8	0.8	70401.8.HSS	70401.8.WS
10	1.0	70401.10.HSS	70401.10.WS
12	1.2	70401.12.HSS	70401.12.WS
14	1.4	70401.14.HSS	70401.14.WS
16	1.6	70401.16.HSS	70401.16.WS
18	1.8	70401.18.HSS	70401.18.WS
20	2.0	70401.20.HSS	70401.20.WS
24	2.4	70401.24.HSS	70401.24.WS
	<b>CHF</b>	<b>18.20</b>	<b>11.40</b>

7.0401111

**Bollstichel** *Round edge*

**Bord rond**

**Borde redondo**



<b>No</b>			
<b>N°</b>	<b>A = mm</b>	<b>HSS-L = 65 mm</b>	<b>WS - L = 80 mm</b>
2	0.2	70402.2.HSS	70402.2.WS
4	0.4	70402.4.HSS	70402.4.WS
6	0.6	70402.6.HSS	70402.6.WS
8	0.8	70402.8.HSS	70402.8.WS
10	1.0	70402.10.HSS	70402.10.WS
12	1.2	70402.12.HSS	70402.12.WS
14	1.4	-----	70402.14.WS
16	1.6	70402.16.HSS	70402.16.WS
18	1.8	-----	70402.18.WS
20	2.0	70402.20.HSS	70402.20.WS
24	2.4	-----	70402.24.WS
	<b>CHF</b>	<b>18.20</b>	<b>11.40</b>

7.0402111

**Spitzstichel** *Onglette*

**Onglette**

**De punta**



<b>No</b>			
<b>N°</b>	<b>A = mm</b>	<b>HSS-L = 65 mm</b>	<b>WS - L = 80 mm</b>
5/0	1.16	70403.5/0.HSS	70403.5/0.WS
4/0	1.24	70403.4/0.HSS	70403.4/0.WS
3/0	1.35	70403.3/0.HSS	70403.3/0.WS
2/0	1.45	70403.2/0.HSS	70403.2/0.WS
0	1.58	70403.0.HSS	70403.0.WS
1	1.78	70403.1.HSS	70403.1.WS
2	1.94	70403.2.HSS	70403.2.WS
3	2.16	70403.3.HSS	70403.3.WS
4	2.54	70403.4.HSS	70403.4.WS
5	2.74	70403.5.HSS	70403.5.WS
6	2.94	70403.6.HSS	70403.6.WS
7	3.14	70403.7.HSS	70403.7.WS
8	3.36	70403.8.HSS	70403.8.WS
	<b>CHF</b>	<b>18.20</b>	<b>11.40</b>

7.0403111

Gravierstichel  
Engravers' gravers

Echoppes  
Buriles para grabar

Ovalstichel

Oval

Ovale

Oval



No			
N°	A = mm	HSS-L = 65 mm	WS - L = 80 mm
15	1.5	-----	70404.15WS
17	1.7	-----	70404.17WS
19	1.9	-----	70404.19WS
21	2.1	-----	70404.21.WS
23	2.3	-----	70404.23.WS
25	2.5	-----	70404.25.WS
	CHF	-----	11.40

7.0404111



Facetten-Stichel

Bevel

A biseau

Chaflan



No			
N°	A = mm	HSS - L = 65 mm	WS - L = 80 mm
2	0.2	-----	70405.2
4	0.4	-----	70405.4
6	0.6	-----	70405.6
8	0.8	-----	70405.8
10	1.0	-----	70405.10
12	1.2	-----	70405.12
14	1.4	-----	70405.14
16	1.6	-----	70405.16
18	1.8	-----	70405.18
20	2.0	-----	70405.20
	CHF	-----	11.40

7.0405111



Messerstichel

Knife

Tranchante

De cuchillo



No			
N°	A = mm	HSS - L = 65 mm	WS - L = 80 mm
18	1.8	70406.18.HSS	70406.18.WS
20	2	70406.20.HSS	70406.20.WS
22	2.2	70406.22.HSS	70406.22.WS
24	2.4	70406.24.HSS	70406.24.WS
26	2.6	70406.26.HSS	70406.26.WS
28	2.8	70406.28.HSS	70406.28.WS
30	3.0	70406.30.HSS	70406.30.WS
32	3.2	70406.32.HSS	70406.32.WS
	CHF	21.50	14.20

7.0406111

Gravierstichel  
*Engravers' gravers*

Echoppes  
*Buriles para grabar*

Flachstichel  
zum Ausrunden

*Flat narrow back*

A revider plat

Plano



No			
N°	A = mm	HSS - L = 65 mm	WS - L = 80 mm
16	1.6	-----	70408.16
18	1.8	-----	70408.18
20	2	-----	70408.20
22	2.2	-----	70408.22
24	2.4	-----	70408.24
26	2.6	-----	70408.26
28	2.8	-----	70408.28
	<b>CHF</b>		<b>11.40</b>

7.0408111

Bollstichel  
zum Ausrunden

*Round narrow back*

A revider ronde  
*Redondo*



No			
N°	A = mm	HSS - L = 65 mm	WS - L = 80 mm
16	1.6	-----	70409.16
20	2.0	-----	70409.20
24	2.4	-----	70409.24
	<b>CHF</b>		<b>11.40</b>

7.0409111

Flachstichel

*Chisel*

Ciseau

Plano



No			
N°	A = mm	HSS - L = 65 mm	WS - L = 80 mm
20	2.0	-----	70410.20
30	3.0	-----	70410.30
40	4.0	-----	70410.40
50	5.0	-----	70410.50
60	6.0	-----	70410.60
	<b>CHF</b>		<b>9.10</b>

7.0410111

Gravierstichel / Uhrmacherstichel  
Engravers' / Watchmakers' engravers

Echoppes / Burins bour horlogers  
Buriles para grabadores y relojeros



Fadenstichel WS

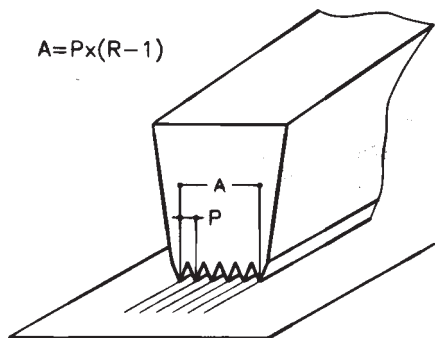
Shading tool WS

Echoppe rayée WS

Buril rayado WS



$A = P \times (R - 1)$



D = Anzahl Fäden  
D = Number of rows  
D = Nombre de raies  
D = Número de rayas

A = Breite  
A = Width  
A = Largeur  
A = Ancho

P = Fadenabstand  
P = Distance between 2 rows  
P = Distance entre 2 raies  
P = Distancia entre 2 rayas

Fäden 4 Rows Raies Rayas 7.04134111	N°	10	12	14	16	18	20
	D	80	67	57	50	44	40
	P = mm	0.125	0.149	0.175	0.2	0.227	0.25
	A = mm	0.62	0.75	0.87	1	1.12	1.25
	No	70413.10.4	70413.12.4	70413.14.4	70413.16.4	70413.18.4	70413.20.4
CHF	30.00	30.00	30.00	30.00	30.00	30.00	

Fäden 6 Rows Raies Rayas 7.04136111	N°	10	12	14	16	18	20
	D	80	67	57	50	44	40
	P = mm	0.125	0.149	0.175	0.2	0.227	0.25
	A = mm	0.62	0.75	0.87	1	1.12	1.25
	No	70413.10.6	70413.12.6	70413.14.6	70413.16.6	70413.18.6	70413.20.6
CHF	30.00	30.00	30.00	30.00	30.00	30.00	

Fäden 8 Rows Raies Rayas 7.04138111	N°	10	12	14	16	18	20
	D	80	67	57	50	44	40
	P = mm	0.125	0.149	0.175	0.2	0.227	0.25
	A = mm	0.62	0.75	0.87	1	1.12	1.25
	No	70413.10.8	70413.12.8	70413.14.8	70413.16.8	70413.18.8	70413.20.8
CHF	30.00	30.00	30.00	30.00	30.00	30.00	

Fäden 10 Rows Raies Rayas 7.041310111	N°	10	12	14	16	18	20
	D	80	67	57	50	44	40
	P = mm	0.125	0.149	0.175	0.2	0.227	0.25
	A = mm	0.62	0.75	0.87	1	1.12	1.25
	No	70413.10.10	70413.12.10	70413.14.10	70413.16.10	70413.18.10	70413.20.10
CHF	30.00	30.00	30.00	30.00	30.00	30.00	

Fäden 14 Rows Raies Rayas 7.041314111	N°	10	12	14	16	18	20
	D	80	67	57	50	44	40
	P = mm	0.125	0.149	0.175	0.2	0.227	0.25
	A = mm	0.62	0.75	0.87	1	1.12	1.25
	No	70413.10.14	70413.12.14	70413.14.14	70413.16.14	70413.18.14	70413.20.14
Fr.	30.00	30.00	30.00	30.00	30.00	30.00	

**Gravierstichel / Uhrmacherstichel Echoppes / Burins bour horlogers**  
**Engravers' / Watchmakers'engravers Buriles para grabadores y relojeros**

**Vierkant Square Carrée Cuadrado**



N°	A = mm	No		CHF
		HSS - L = 110 mm	Fr.	
1.25	1.25	-----	-----	70501.1.25.WS <b>7.20</b>
1.55	1.55	-----	-----	70501.1.50.WS <b>7.20</b>
1.75	1.75	-----	-----	70501.1.75.WS <b>7.70</b>
2.00	2.00	-----	-----	70501.2.WS <b>7.70</b>
2.25	2.25	70501.2.25.HSS	<b>15.80</b>	70501.2.25.WS <b>7.70</b>
2.50	2.50	70501.2.5.HSS	<b>15.80</b>	70501.2.5.WS <b>8.60</b>
2.75	2.75	70501.2.75.HSS	<b>15.80</b>	70501.2.75.WS <b>8.60</b>
3.00	3.00	70501.3.HSS	<b>15.80</b>	70501.3.WS <b>8.60</b>
3.25	3.25	-----	-----	70501.3.25.WS <b>9.10</b>
3.50	3.50	70501.3.5.HSS	<b>17.20</b>	70501.3.5.WS <b>9.10</b>
4.00	4.00	70501.4.HSS	<b>19.50</b>	70501.4.WS <b>10.30</b>
6.00	6.00	70501.6.HSS	<b>23.30</b>	----- -----

7.0501111

**Raute Lozenge Losange Romboide**



N°	A = mm	No	
		WS - L = 110 mm	CHF
1.5	1.5	<b>70502.1.5</b>	<b>8.40</b>
1.75	1.75	<b>70502.1.75</b>	<b>8.40</b>
2.0	2.0	<b>70502.2</b>	<b>8.40</b>
2.25	2.25	<b>70502.2.25</b>	<b>8.40</b>
2.5	2.5	<b>70502.2.5</b>	<b>8.40</b>
3.0	3.0	<b>70502.3</b>	<b>8.40</b>

7.0502111

**Schaber für Mechaniker**  
Scrapers for engineers

**Grattoirs pour mécaniciens**  
Rasquetas para mecanicos

Schaber

Scraper

Grattoirs

Rasquetas



A mm	B mm	No	CHF
50	5	70653.2	9.40
63	6	70653.2.5	10.00
75	7	70653.3	10.60
90	8	70653.3.5	11.10
100	9	70653.4	12.30
125	12	70653.5	13.40
150	13	70653.6	14.70
200	14	70653.8	19.50

7.0653111

**Hohl-Schaber**

**Incurved scraper**

**Grattoir incurvé**

**Rasqueta hueca**



A mm	B mm	No	CHF
50	6	70655.2	11.60
75	6	70655.3	12.70
90	7.2	70655.3.25	13.90
100	9	70655.4	14.20

7.0655111

**Polierstahl oval gerade**

**Oval straight burnisher**

**Brunissoir ovale droit**

**Brunidor oval recto**



A mm	B mm	C mm	No	CHF
75	6.5	3.5	70788.3	12.90
100	8	4.2	70788.4	14.20
125	8.5	4.5	70788.5	15.20

7.0788111

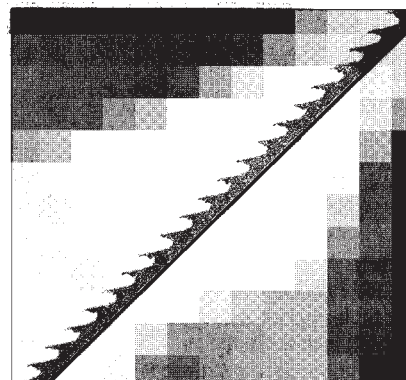
Laubsägeblätter, Sägebogen      Scies bijoutiers, Montures  
 Jeweller's saw blades, saw frames      Sierras para joyeros, Arcos

**"Super Glardon"**

Sägeblätter für Goldschmiede      Jeweller's saw blades      Scies bijoutiers      Sierras para joyeros

N°	A mm	B mm	No	CHF
8/0	0.32	0.16	7SBGLA.8/0	36.80
6/0	0.36	0.18	7SBGLA.6/0	32.70
5/0	0.4	0.2	7SBGLA.5/0	29.50
4/0	0.44	0.22	7SBGLA.4/0	24.70
3/0	0.48	0.24	7SBGLA.3/0	24.70
2/0	0.52	0.26	7SBGLA.2/0	24.70
0	0.58	0.28	7SBGLA.0	24.70
1	0.63	0.3	7SBGLA.1	24.70
2	0.7	0.34	7SBGLA.2	24.70
3	0.74	0.36	7SBGLA.3	24.70
4	0.8	0.38	7SBGLA.4	24.70
5	0.85	0.4	7SBGLA.5	26.60
6	0.94	0.44	7SBGLA.6	29.50
8	1.15	0.5	7SBGLA.8	36.80

7.SBGLA111

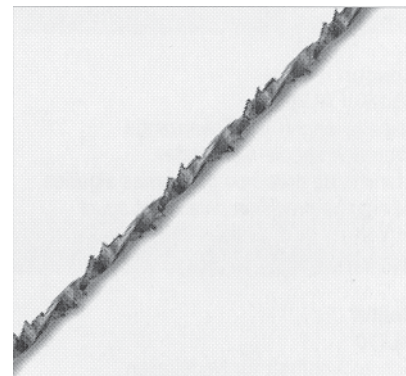


**"Spiral"**

Sägeblätter für Goldschmiede      Jeweller's saw blades      Scies bijoutiers      Sierras para joyeros

N°	A mm	B mm	No	CHF
2/0	0.6	0.36	7SBSPI.2/0	30.50
0	0.64	0.4	7SBSPI.0	30.50
1	0.68	0.63	7SBSPI.1	30.50
2	0.8	0.7	7SBSPI.2	30.50
3	0.88	0.74	7SBSPI.3	30.50
4	0.98	0.8	7SBSPI.4	30.50
5	1.05	0.85	7SBSPI.5	32.10
6	1.2	0.94	7SBSPI.6	35.10
8	1.28	1.15	7SBSPI.8	42.30

7.SBSP111

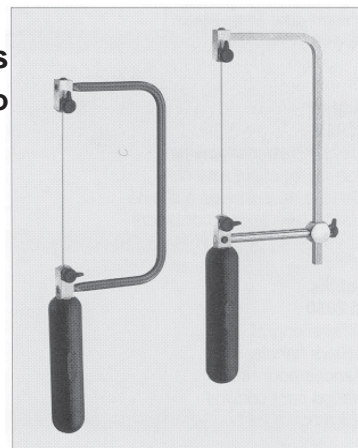


Sägebogen für Sägeblätter      Monture scies bijoutiers  
 Frame for saw blades      Arco para sierras de joyeros  
 Fix-Modell      Fixed model      Modèle fixe      Modelo fijo

No: 7ASB300      Fr. 17.60

Verstellbares Modell Adjustable model      Modèle réglable      Modelo ajustable

No: 7ASB400      Fr. 17.60







**Feilengriffe**  
**Files handles**

**Colibri**  
Schraubkopfheft für Nadelfeilen  
*Handle for needle files*  
Manche pour limes aiguilles  
*Mango para limas aguja*

**Manches**  
**Mangos**

A	N0	CHF
86mm	<b>7AL170</b>	<b>4.10</b>

7.AL170111

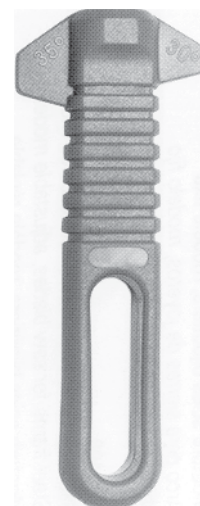


**Timber**

Griff für Kettensägefeilen  
*Handle for chain saw files*  
Manche pour rondes à chaine  
*Mango para limas motosierra*

A	N0	CHF
120mm	<b>7AL240</b>	<b>2.90</b>

7.AL240111



**Habilis**

Riffelfeilengriff  
*Rifflers handle*  
Manche pour rifloirs  
*Mango para codillos*

A	N0	CHF
128mm	<b>7AL2830</b>	<b>11.90</b>

7.AL2830111

