

Gravierstichel
Engravers' graters

Echoppes
Buriles para grabar

Flachstichel *Flat edge*

Bord plat

Borde plano



No			
N°	A = mm	HSS-L = 65 mm	WS - L = 80 mm
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
	CHF	18.20	11.40

7.0401111

Bollstichel *Round edge*

Bord rond

Borde redondo



No			
N°	A = mm	HSS-L = 65 mm	WS - L = 80 mm
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
	CHF	18.20	11.40

7.0402111

Spitzstichel *Onglette*

Onglette

De punta



No			
N°	A = mm	HSS-L = 65 mm	WS - L = 80 mm
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
	CHF	18.20	11.40

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
	CHF		11.40

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
	CHF		11.40

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
	CHF		9.10

7.0410111

Gravierstichel / Uhrmacherstichel
Engravers' / Watchmakers' engravers

Echoppes / Burins bour horlogers
Buriles para grabadores y relojeros



Fadenstichel WS

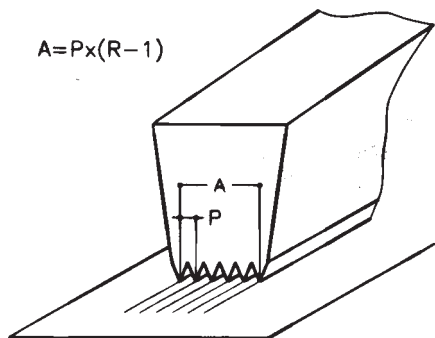
Shading tool WS

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

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

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

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

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

	N°	10	12	14	16	18	20
Fäden	D	80	67	57	50	44	40
14 Rows	P = mm	0.125	0.149	0.175	0.2	0.227	0.25
Raies	A = mm	0.62	0.75	0.87	1	1.12	1.25
Rayas	No	70413.10.14	70413.12.14	70413.14.14	70413.16.14	70413.18.14	70413.20.14
7.041314111	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. WS - L = 110 mm	
1.25	1.25	-----	-----	70501.1.25.WS 7.20
1.55	1.55	-----	-----	70501.1.50.WS 7.20
1.75	1.75	-----	-----	70501.1.75.WS 7.70
2.00	2.00	-----	-----	70501.2.WS 7.70
2.25	2.25	70501.2.25.HSS	15.80	70501.2.25.WS 7.70
2.50	2.50	70501.2.5.HSS	15.80	70501.2.5.WS 8.60
2.75	2.75	70501.2.75.HSS	15.80	70501.2.75.WS 8.60
3.00	3.00	70501.3.HSS	15.80	70501.3.WS 8.60
3.25	3.25	-----	-----	70501.3.25.WS 9.10
3.50	3.50	70501.3.5.HSS	17.20	70501.3.5.WS 9.10
4.00	4.00	70501.4.HSS	19.50	70501.4.WS 10.30
6.00	6.00	70501.6.HSS	23.30	----- -----

7.0501111

Raute Lozenge Losange Romboide



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

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

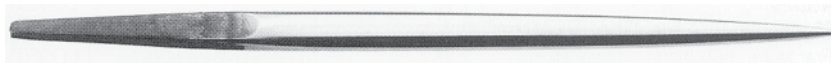
Rasqueta hueca



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

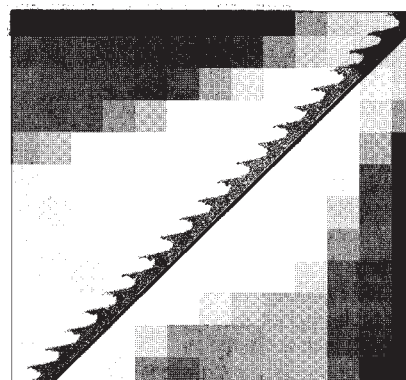
Laubsägeblätter, Sägebogen Scies bijoutiers, Montures
 Jeweller's saw blades, saw frames Sierras para joyeros, Arcos

"Super Glardon"

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

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

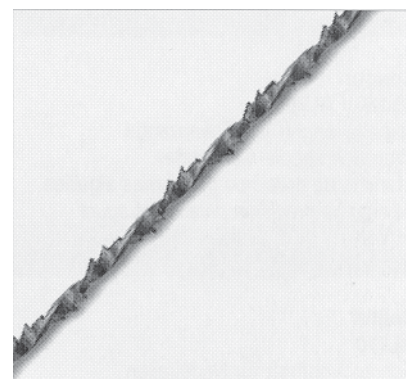


"Spiral"

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

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

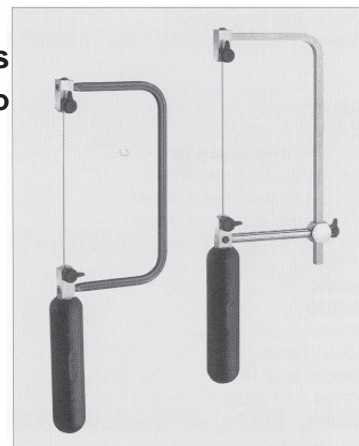


Sägebogen für Sägeblätter Monture scies bijoutiers
 Frame for saw blades Arco para sierras de joyeros
 Fix-Modell Fixed model Modèle fixe Modelo fijo

No: 7ASB300 Fr. 17.60

Verstellbares Modell Adjustable model Modèle réglable Modelo ajustable

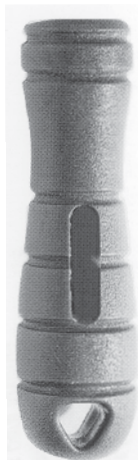
No: 7ASB400 Fr. 17.60



Feilengriffe
Files handles

Manches
Mangos

Crocodile

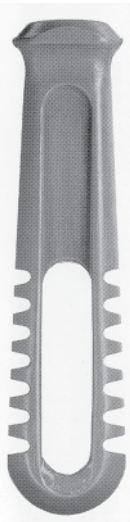


Rutschfester Kunststoffgriff mit gehärtetem Gewindeeinsatz
Antislip plastic file handle with hardened threaded insert
Manche plastique avec douille fileté trempée
Mango de plastico con casquillo roscado templado

Länge	No	CHF	Typ-Länge/Type-Length/Type-Longueur/Tipo-Largo
94 mm	7AL110.BLEU	3.60	□ 4" △ 4"
94 mm	7AL210.BLEU	3.60	□ 4" ○ 5" △ 5" □ 5" ○ 6"
94 mm	7AL310.BLEU	3.60	□ 4" △ 4" ○ 4" △ 4" △ 6" □ 6"
105 mm	7AL410.BLEU	3.60	□ 6" □ 6" ○ 6" △ 6" ○ 8" △ 8" ○ 8"
105 mm	7AL510.BLEU	3.90	□ 8" □ 8" ○ 8" △ 8" ○ 10" □ 10" ○ 12"
121 mm	7AL610.BLEU	4.20	□ 10" □ 10" ○ 10" △ 10" △ 12" □ 12"
131 mm	7AL710.BLEU	4.30	□ 12" □ 12" △ 12" ○ 14" □ 14" △ 14" △ 14" □ 4" ○ 6"
131 mm	7AL810.BLEU	4.60	□ 14" (allgemein / all types / en general / toda clase)

7.AL110111

Cobra



Rutschfester Kunststoffgriff
Antislip plastic file handle
Manche plastique antiglissant
Mango de plastico antideslizante

Länge	No	CHF	Feile/File/Lime/Lima
90 mm	7AL250	2.10	100-150mm
110 mm	7AL350	2.10	> 150mm

7.AL250111

Condor



Nadelfeilengriff mit Spannzange
Precision needle file handle
Manche de précision pour limes aiguilles
Mango de precision para lima aguja

Länge	No	CHF	Feilenh./Handle/Manche/Mango
95 mm	7AL160	16.10	∅ 2-3 mm
95 mm	7AL260	16.10	∅ 3-4 mm

7.AL160111

Feilengriffe
Files handles

Manches
Mangos

Colibri

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

A	N0	CHF
86mm	7AL170	4.10

7.AL170111

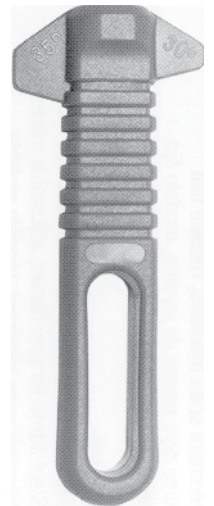


Timber

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

A	N0	CHF
120mm	7AL240	2.90

7.AL240111



Habilis

Riffelheilengriff
Rifflers handle
Manche pour rifloirs
Mango para codillos

A	N0	CHF
128mm	7AL2830	11.90

7.AL2830111

