

41000

Engineers' File Sets



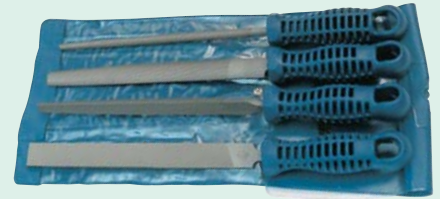
Type
Extra quality, with plastic handles, in bag.

41000 101-106

Type
4-part, 1 ea. file flat, semicircular, round and triangular.

41000 201-209

Type
5-part, 1 ea. file flat, semicircular, round, triangular and square.



41000

Length mm	Cut no.	4-part	
		41000	...
150	1	101	
200	1	102	
250	1	103	
150	2	104	
200	2	105	
250	2	106	

Length mm	Cut no.	5-part	
		41000	...
200	1	201	
250	1	202	
300	1	203	
200	2	204	
250	2	205	
300	2	206	
200	3	207	
250	3	208	
300	3	209	

41100

Engineers' File Sets

PFERD



Type
High-quality files, with ergonomically-shaped file handles, in weather-proof PVC rollbag. **5-part**, consists of 1 ea. file flat, semicircular, pointed, round, triangular, and square.

41100

Length mm	Cut no.	5-part	
		41100	...
200	1	101	
250	1	102	
300	1	103	
200	2	104	
250	2	105	
300	2	106	
250	3	108	



41001 - 41003

Engineer's Flat Files DIN 7261 A



41001 - 41003

Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41001	...	41002	...	41003	...
100	12,0 x 2,5	101		101		101	
125	14,0 x 3,5	102		102		102	
150	16,0 x 4,0	103		103		103	
200	20,0 x 5,0	104		104		104	

Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41001	...	41002	...	41003	...
250	25,0 x 6,0	105		105		105	
300	30,0 x 6,5	106		106		106	
350	35,0 x 7,5	107		107		107	
400	39,0 x 9,0	108		108		108	



41101 - 41103

Engineer's Flat Files DIN 7261 A

PFERD



41101 - 41103

Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41101	...	41102	...	41103	...
100	12,0 x 2,5	101		101		101	
150	16,0 x 4,0	102		102		102	
200	20,0 x 5,0	103		103		103	

Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41101	...	41102	...	41103	...
250	25,0 x 6,0	104		104		104	
300	30,0 x 6,5	105		105		105	
350	35,0 x 7,5	106		106		106	



4

• Engineers's Files

41011 - 41013

Engineer's Semicircular Files DIN 7261 E



41011 - 41013



Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41011	...	41012	...	41013	...
100	10,4 x 2,5	101		101		101	
150	16,0 x 4,5	103		103		103	
200	20,0 x 6,0	104		104		104	

Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41011	...	41012	...	41013	...
250	25,0 x 7,0	105		105		105	
300	30,0 x 8,5	106		106		106	
350	35,0 x 10,0	107					

41110 - 41112

Engineer's Semicircular Files DIN 7261 E



Type

Pointed tip, extraordinary performance thanks to special PFERD spiral cut.

41110 - 41112



Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41110	...	41111	...	41112	...
100	10,4 x 2,5	101		101		101	
150	16,0 x 4,5	102		102		102	
200	20,0 x 6,0	103		103		103	

Length mm	Cross section mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41110	...	41111	...	41112	...
250	25,0 x 7,0	104		104		104	
300	30,0 x 8,5	105		105		105	

41016 - 41018

Engineer's Triangular Files DIN 7261 C



41016 - 41018



Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41016	...	41017	...	41018	...
100	8,0	101		101		101	
150	11,0	103		103		103	
200	15,0	104		104		104	

Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41016	...	41017	...	41018	...
250	17,5	105		105		105	
300	20,0	106		106		106	

41113 - 41115

Engineer's Triangular Files DIN 7261 C



41113 - 41115



Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41113	...	41114	...	41115	...
100	8,0	101		101		101	
150	11,0	102		102		102	
200	15,0	103		103		103	

Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41113	...	41114	...	41115	...
250	17,5	104		104		104	
300	20,0	105		105		105	

41021 - 41023

Engineer's Square Files DIN 7261 D



41021 - 41023



Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41021	...	41022	...	41023	...
100	4,0	101		101		101	
150	6,0	103		103		103	
200	8,0	104		104		104	

Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41021	...	41022	...	41023	...
250	10,0	105		105		105	
300	12,0	106		106		106	

41116 - 41118

Engineer's Square Files DIN 7261 D



41116 - 41118



Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41116	...	41117	...	41118	...
100	4,0	101		101		101	
150	6,0	102		102		102	
200	8,0	103		103		103	

Length mm	Width mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41116	...	41117	...	41118	...
250	10,0	104		104		104	
300	12,0	105		105		105	

41026 - 41028

Engineer's Round Files DIN 7261 F



41026 - 41028



Length mm	Ø mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41026 ...	41027 ...	41028 ...	41029 ...		
100	4,0	101	101	101	101	101	101
150	6,0	103	103	103	103	103	103
200	7,5	104	104	104	104	104	104

Length mm	Ø mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41026 ...	41027 ...	41028 ...	41029 ...		
250	9,5	105	105	105	105	105	105
300	12,0	106	106	106	106	106	106
350	15,0	107	107	107	107	107	107

41119 - 41121

Engineer's Round Files DIN 7261 F



41119 - 41121



Type

Extraordinary performance thanks to special PFERD spiral cut.

Length mm	Ø mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41119 ...	41120 ...	41121 ...	41122 ...		
100	4,0	101	101	101	101	101	101
150	6,0	102	102	102	102	102	102
200	7,5	103	103	103	103	103	103

Length mm	Ø mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41119 ...	41120 ...	41121 ...	41122 ...		
250	9,5	104	104	104	104	104	104
300	12,0	105	105	105	105	105	105

41032 - 41033

Engineer's Knife Files DIN 7261 G



Quality
Extra.

41032 - 41033



Type

Back uncut.

Length mm	Cross section mm	Cut no. 2		Cut no. 3	
		41032 ...	41033 ...	41034 ...	41035 ...
200	22 x 5,0	102	102	102	102

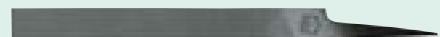
Length mm	Cross section mm	Cut no. 2		Cut no. 3	
		41032 ...	41033 ...	41034 ...	41035 ...
250	27 x 6,5	103	103	103	103

41123 - 41124

Engineer's Knife Files DIN 7261 G



41123 - 41124



Type

Back uncut.

Length mm	Cross section mm	Cut no. 2		Cut no. 3	
		41123 ...	41124 ...	41125 ...	41126 ...
150	16,0 x 5,2 x 1,25	101	101	101	101
200	20,0 x 6,4 x 1,50	102	102	102	102

Length mm	Cross section mm	Cut no. 2		Cut no. 3	
		41123 ...	41124 ...	41125 ...	41126 ...
250	25,0 x 7,9 x 1,75	103	103	103	103

► For Precision Files see Catalog Pages 41.4 - 41.13



Precision files meet the highest standards when it comes to accuracy of shape, cutting rate and service life. Precision files are smaller, more comfortable to use than regular engineers's files and more accurate in their shape. They are used in jig and tool making, especially when making tools for

punching, shaping, forging and coining in job lot production etc. Furthermore, they are needed for installing and making of complicated high-precision machines.

Comparison Swiss Cut vs. German Cut

Length 100 + 150 mm:

Swiss Cut no.	00	0	1	2	3	4	6
German Cut no.	1	1 - 2	3	3 - 4	4	4 - 5	6

Length 200 + 250 mm:

Swiss Cut no.	00	0	1	2	3	4 -	
German Cut no.	1	2	3	4	4 - 5	5	-



• Precision Files

41050 - 41054 Precision Flat Files



Type
Regular width, 3 sides cut.

41050 - 41054



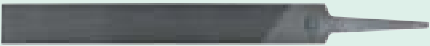
German		Cut no. 1	Cut no. 2	Cut no. 3	Cut no. 4	Cut no. 5
Length mm	Cross section mm	41050 ...	41051 ...	41052 ...	41053 ...	41054 ...
100	9,5 x 2,5	101	101	101	101	101
125	12,5 x 3,2	102	102	102	102	
150	16,0 x 4,0	103	103	103	103	103
200	21,3 x 4,8	104	104	104	104	104
250	25,3 x 6,3	105	105	105	105	
300	29,3 x 7,8	106	106	106		

41131 - 41135 Precision Flat Files



Type
Regular width, 3 sides cut.

41131 - 41135



Swiss		Cut no. 0	Cut no. 1	Cut no. 2	Cut no. 3	Cut no. 4
Length mm	Cross section mm	41131 ...	41132 ...	41133 ...	41134 ...	41135 ...
100	13 x 3	101	101	101	101	101
150	18 x 4	102	102	102	102	102
200	22 x 5	103	103	103	103	103

41055 - 41057 Precision Flat Files/Pin Files



Type
Semi-narrow, 3 sides cut.

41055 - 41057



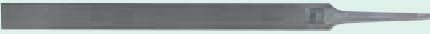
German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Cross section mm	41055 ...	41056 ...	41057 ...
150	12,0 x 4,0	101	101	101
200	14,5 x 4,5	102	102	102
250	17,5 x 5,3	103	103	103

41139 - 41140 Precision Flat Files/Pin Files



Type
Semi-narrow, 2 sides cut.

41139 - 41140



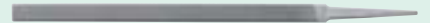
Swiss		Cut no. 0	Cut no. 2
Length mm	Cross section mm	41139 ...	41140 ...
150	13 x 4	101	101
200	15 x 5	102	102

41058 - 41060 Precision Flat Files/Pin Files



Type
Narrow, 3 sides cut.

41058 - 41060



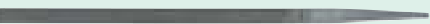
German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Cross section mm	41058 ...	41059 ...	41060 ...
125	8,0 x 3,0	101	101	101
150	8,3 x 3,8	102	102	102
200	12,0 x 4,0	103	103	103
250	15,0 x 5,0	104	104	104

41142 - 41143 Precision Flat Files/Pin Files



Type
Narrow, 2 sides cut.

41142 - 41143



Swiss		Cut no. 0	Cut no. 2	Swiss	Cut no. 0	Cut no. 2	
Length mm	Cross section mm	41142 ...	41143 ...	Length mm	Cross section mm	41142 ...	41143 ...
150	8 x 3,5	101	101	250	12 x 5,0	103	103
200	10 x 4,5	102	102				

41062 - 41064

Precision Flat Files/Pin Files



Type
Extra narrow, 3 sides cut.

41062 - 41064



German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Cross section mm	41062 ...	41063 ...	41064 ...
100	4,6 x 2,2	101	101	101
125	5,5 x 2,5	102	102	102
150	8,0 x 3,0	103	103	103
200	8,3 x 3,8	104	104	104
250	12,0 x 4,0	105	105	105

41145 - 41146

Precision Flat Files/Pin Files



Type
Extra narrow, 2 sides cut.

41145 - 41146



Swiss		Cut no. 0	Cut no. 2
Length mm	Cross section mm	41145 ...	41146 ...
150	6 x 3,0	101	101
200	8 x 3,5	102	102

41066 - 41068

Precision Semicircular Files



Type
With fine tip.

41066 - 41068



German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Cross section mm	41066 ...	41067 ...	41068 ...
100	12,7 x 3,5	101	101	101
150	18,0 x 5,5	103	103	103
200	21,1 x 6,3	104	104	104
250	25,5 x 7,5	105	105	105

41153 - 41155

Precision Semicircular Files



Type
With fine tip.

41153 - 41155



Swiss		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Cross section mm	41153 ...	41154 ...	41155 ...
100	12 x 3,5	101	101	101
150	16 x 4,5	102	102	102
200	21 x 6,0	103	103	103
250	25 x 7,0	104		

41071 - 41073

Precision Triangular Files



Type
With fine tip.

41071 - 41073



German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Width mm	41071 ...	41072 ...	41073 ...
100	5,8	101	101	101
125	8,3	102	102	102
150	10,3	103	103	103
200	14,2	104	104	104
250	17,2	105		

41164 - 41166

Precision Triangular Files



Type
With fine tip.

41164 - 41166



Swiss		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Width mm	41164 ...	41165 ...	41166 ...
100	6	101	101	101
150	10	102	102	102
200	14	103	103	103



4

• Precision Files • Milled Tooth Files

41076 - 41078 Precision Square Files



41076 - 41078

Type
With fine tip.



German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Width mm	41076 ...	41077 ...	41078 ...
100	3,6	101	101	101
150	5,5	103	103	103
200	7,5	104	104	104
250	9,4	105	105	105

41080 - 41082 Precision Round Files



41080 - 41082

Type
With fine tip.



German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Ø mm	41080 ...	41081 ...	41082 ...
100	3,8	101	101	101
125	4,8	102	102	102
150	5,8	103	103	103
200	7,8	104	104	104
250	9,4	105	105	105

41171 - 41174 Precision Round Files



41171 - 41174



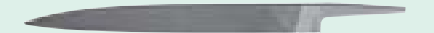
Swiss		Cut no. 0	Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Ø mm	41171 ...	41172 ...	41173 ...	41174 ...
100	4	101		101	
150	6	102	102	102	102

41084 - 41086 Precision Knife Files



41084 - 41086

Type
With fine tip and curved, cut cutting edge,
back uncut.



German		Cut no. 1	Cut no. 2	Cut no. 3
Length mm	Cross section mm	41084 ...	41085 ...	41086 ...
200	22 x 4,2	102	102	102

41176 Precision Knife Files



41176

Type
Back uncut.



Swiss		Cut no. 2
Length mm	Cross section mm	41176 ...
200	22 x 5	103

41178 Precision Crossing Files



41178



Swiss		Cut no. 2
Length mm	Cross section mm	41178 ...
150	16 x 4,5	101



41095 - 41097

Precision Barrette Files



Type

Only flat faces cut, (flat angled back).

German		Cut no. 1		Cut no. 3	
Length mm	Cross section mm	41095	...	41097	...
100	12,4 x 2,6	101		101	
150	15,5 x 3,5	102		102	
200	21,5 x 5,0	103		103	



41095 - 41097

41185 - 41187

CORINOX®-Precision Files



Type

Extraordinary surface hardness (1200 HV), therefore the files are **extremely wear-resistant and have a long service life**. Stainless surface, therefore no corrosion marks on the workpiece. No loading of the files, i.e. the chips can be removed by lightly hitting the file against a hard surface.

Application

Especially suitable for hard-to-machine materials, for machining stainless steel, e.g. **V2A, V4A**, highly heat-resistant steel, exotic alloys, but also for fibre-reinforced plastics and similar materials.



41187 102

41187 104

41187 106

41187 107

41187 108

41187 109

Swiss				Cut no. 00		Cut no. 0		Cut no. 2	
Shape	Length mm	Cross section mm	Type	41185	...	41186	...	41187	...
flat	150	18 x 4	3 sides cut	101		101			
flat	200	22 x 5	3 sides cut	102		102		102	
flat/pin file	150	13 x 4	semi-narrow, 2 sides cut	103		103			
flat/pin file	200	15 x 5	semi-narrow, 2 sides cut	104		104		104	
semicircular	150	16 x 4,5	-			105			
semicircular	200	21 x 6,0	-			106		106	
round	200	8	-			107		107	
triangular	200	14 x 14	-			108		108	
square	150	6 x 6	-			109		109	

41205 - 41206

Milled Tooth Files DIN 7264 A / D



Type

Teeth cut at an angle, with chip-breaking grooves. Fast filing action even with light pressure (labour-saving). Does not leave hollows on the workpiece, when the file is worked at a slant (to right and left – not at right angles) to the surface.

Application

Cut 1 = coarse (approx. 9 teeth per inch), for steel, bronze, iron (large areas) and for aluminium, tin, lead, leather, plastics etc.

Cut 2 = medium (approx. 12 teeth per inch), for steel, bronze, iron (small areas).

Quality

Chrome-alloyed special steel.

Note:

Cat.-no. 41206 102 hollow, teeth on round side only.

Serration	Length mm	Cross section mm	flat		semicircular	
			41205	...	41206	...
1 / coarse	250	23 x 7,0			102	
1 / coarse	250	26 x 7,0		102		
1 / coarse	300	31 x 8,3		103		
2 / medium	250	26 x 7,0		107		
2 / medium	300	31 x 8,3		108		



41205

41206



41210

Milled Tooth Files DIN 7264 A



Type

Teeth cut at an angle. The aggressively milled teeth with the big chip compartments prevent loading of the file.

Application

For heavy-duty cutting of soft metal, such as unhardened steel, grey cast iron, copper or brass.



41210

Serration	Length mm	Cross section mm	41210	...
1	250	26 x 7,0	101	
1	300	31 x 8,3	102	
1	350	36 x 8,8	103	

Serration	Length mm	Cross section mm	41210	...
2	300	31 x 8,3	105	



4

• Handy Files • Needle Files

41484

Diamond Handy File Sets



Type

With forged shank, therefore a handle is not needed. D 126 = medium, multi-purpose grit. 5-part, overall length 215 mm, diamond coating 100 mm. 1 ea. file flat, semicircular, square, round, and triangular. Precision-forged and ground file blanks are electroplated with diamond grains. The coating, which is evenly dense, rough and wear-resistant, provides for great performance.

Application

For machining hardened and/or tempered steel and carbide in cutting, punching, moulding and profiling machines as well as glass, ceramics and fibre-reinforced plastics.

41484



Set contents

41484 ...

5-part

101

41487

Diamond Handy Files



Type

With forged shank, therefore a handle is not needed.

D 126 = medium, multi-purpose grit. Precision-forged and ground file blanks are electroplated with diamond grains. The coating, which is evenly dense, rough and wear-resistant, provides for great performance.

Application

For machining hardened and/or tempered steel and carbide in cutting, punching, moulding and profiling machines as well as glass, ceramics and fibre-reinforced plastics.

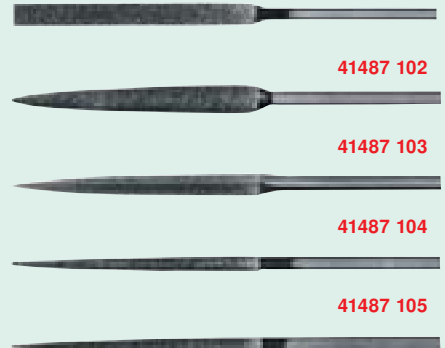
41487 101

41487 102

41487 103

41487 104

41487 105



Shape	Overall length mm	Diamond coating mm	Width x Height mm	41487 ...
flat	215	100	10,3 x 2,8	101
semicircular	215	100	12,5 x 3,8	102
triangular	215	100	10,0	103

Shape	Overall length mm	Diamond coating mm	Width x Height mm	41487 ...
square	215	100	5,5 x 5,5	104
round	215	100	6,7	105

41490

Diamond Needle File Sets



Type

D 126 = medium, multi-purpose grit. Overall length 140 mm, diamond coating 70 mm, shank Ø 3 mm. Precisely forged and ground file blanks are electroplated with diamond grains. The coating, which is evenly dense, rough and wear-resistant, provides for great performance.

Application

For machining hardened and/or tempered steel and carbide in cutting, punching, moulding and profiling machines as well as glass, ceramics and fibre-reinforced plastics.

Note:

Chucking file handles see cat.-no. 41910 and 41911.

41490 101

Type

5-part, 1 ea. file flat, semicircular, round, triangular and square.

41490 102

Type

11-part, 1 ea. file flat, flat with round edges, flat point, triangular, square, semicircular, round, knife, sword, crossing, barette.

41490 101

41490 102



Set contents

41490 ...

5-part

101

11-part

102

41492

Diamond Needle Files

PFERD



Type

D 126 = medium, multi-purpose grit. **Overall length 140 mm**, diamond coating 70 mm, shank Ø 3 mm. Precisely forged and ground file blanks are electroplated with diamond grains. The coating, which is evenly dense, rough and wear-resistant, provides for great performance.

Application

For machining hardened and/or tempered steel and carbide in cutting, punching, moulding and profiling machines as well as glass, ceramics and fibre-reinforced plastics.

Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41492 101

41492 102



41492 103

41492 104



41492 105

41492 106



41492 107

41492 108



41492 109

41492 110



medium

41492 111

Shape	41492	...
flat	101	
flat with round edges	102	
flat point	103	
triangular	104	
square	105	
semicircular	106	
round	107	
knife	108	
sword	109	
crossing	110	
barrette	111	

41501

Diamond Needle File Sets

Type

D 126 = medium, multi-purpose grit, **6-part, overall length 140 mm**, diamond coating 70mm, shank Ø 3 mm. **1 ea. file** flat, triangular, square, semicircular, round and knife.

Application

For machining cutting, drawing and moulding machines made of carbide or hardened steel and of workpieces made of glass, ceramics etc.

Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41501



Set contents	41501	...
6-part	101	

41502 - 41505

Diamond Needle Files

Type

Overall length 140 mm, diamond coating 70 mm, shank Ø 3 mm.

Application

For machining cutting, drawing and moulding machines made of carbide or hardened steel and of workpieces made of glass, ceramics etc.

41502

Type
coarse = D 151, for rough filing.

41504

Type
medium = D 126, multi-purpose grit.

41505

Type
fine = D 91, for finishing.

41504 101

41504 103

41504 104

41504 105

41504 106

41504 107

41504 108

41504 110

41504 111



Shape	coarse		medium		fine	
	41502	...	41504	...	41505	...
flat	101		101		101	
flat point			103			
triangular	104		104		104	
square	105		105		105	
semicircular			106		106	

Shape	coarse		medium		fine	
	41502	...	41504	...	41505	...
round		107		107		107
knife				108		108
crossing				110		
barrette				111		



• Rifflers • Needle Files

41506

Diamond Riffler Sets



Type

D 126 = medium, multi-purpose grit. **5-part**, overall length 150 mm, diamond coating 2 x 25 mm. **1 ea. file** flat, round, square, triangular and crossing. Precision-forged and ground file blanks are electroplated with diamond grains. The coating, which is evenly dense, rough and wear-resistant, provides for great performance.

Application

For machining hardened and/or tempered steel and carbide in cutting, punching, moulding and profiling machines as well as glass, ceramics and fibre-reinforced plastics.

41506



Set contents

41506 ...

5-part

102

41508

Diamond Rifflers



Type

D 126 = medium, multi-purpose grit. Precision-forged and ground file blanks are electroplated with diamond grains. The coating, which is evenly dense, rough and wear-resistant, provides for great performance.

Application

For machining hardened and/or tempered steel and carbide in cutting, punching, moulding and profiling machines as well as glass, ceramics and fibre-reinforced plastics.

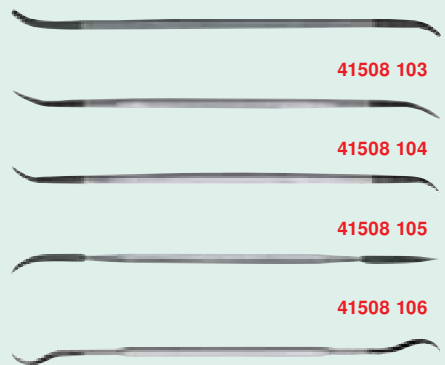
41508 102

41508 103

41508 104

41508 105

41508 106



Shape	Overall length mm	Diamond coating mm	Width x Height mm	41508 ...
flat	150	2 x 25	3,7 x 2,0	102
round	150	2 x 25	3,1 x 3,0	103
square	150	2 x 25	2,5 x 2,5	104

Shape	Overall length mm	Diamond coating mm	Width x Height mm	41508 ...
triangular	150	2 x 25	3,0	105
crossing	150	2 x 25	3,0	106

41570 - 41572

Precision Needle File Assortments



Type

Made of high-quality file steel with chromium. Homogeneous steel structure thanks to a special heat-treat manufacturing process. **12 different shapes.**

Note:

Chucking file handles see cat.-no. 41910 and 41911.

41570 - 41572

41570

Type

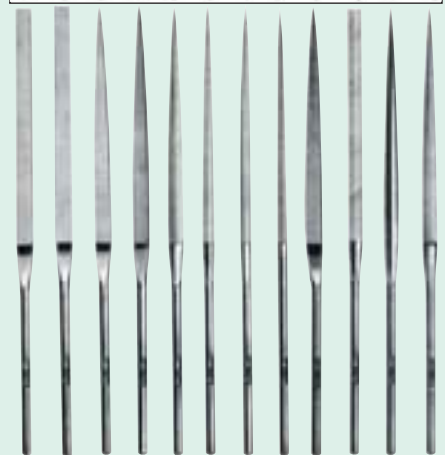
In plastic pouch with press stud.

41572

Type

In plastic stand.

- Shape 1 flat,
- Shape 2 flat with round edges,
- Shape 3 flat point,
- Shape 4 flat point with round edges,
- Shape 5 semicircular,
- Shape 6 triangular,
- Shape 7 square,
- Shape 8 round,
- Shape 9 knife,
- Shape 10 sword (41570 106 = oval),
- Shape 11 barette,
- Shape 12 crossing.



Overall length mm	German cut no.	Roll		Box	
		41570	...	41572	...
100	2			101	
140	2			103	103
160	2			104	104
200	2			106	

41515 - 41516

Precision Needle File Assortments



Type
12 different file shapes each.

- Shape 1 flat point,
- Shape 2 flat,
- Shape 3 crossing,
- Shape 4 triangular,
- Shape 5 square,
- Shape 6 round,
- Shape 7 knife,
- Shape 8 semicircular,
- Shape 9 barette,
- Shape 10 flat point with round edges,
- Shape 11 flat with round edges,
- Shape 12 crossing round-oval.

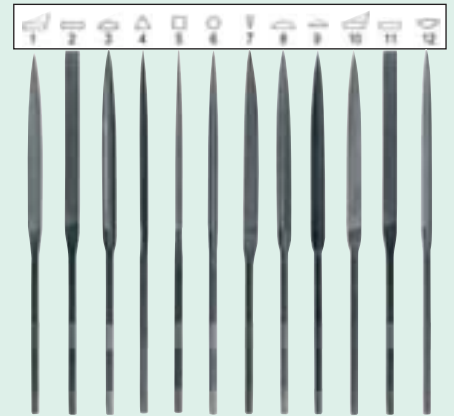
Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41515
Type
In plastic case.

41516
Type
In plastic stand.



41515 - 41516



Overall length mm	Swiss cut	Case		Stand	
		41515	...	41516	...
140	1	101		101	
160	1	102		102	
200	0	103			

41574 - 41576

Precision Needle Files, Flat



Type
Made of high quality file steel with chromium.

Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41574 - 41576



German Overall length mm	Shank Ø mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41574	...	41575	...	41576	...
140	3,00	101		101		101	
160	3,00	102		102		102	
200	3,50	103		103		103	

41517 - 41520

Precision Needle Files, Flat



Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41517 - 41520



Swiss Overall length mm	Cross section mm	Shank Ø mm	Cut no. 0		Cut no. 1		Cut no. 2		Cut no. 3	
			41517	...	41518	...	41519	...	41520	...
140	5,1 x 1,1	3,00	101		101		101		101	
160	5,5 x 1,2	3,25	102		102		102		102	
200	6,4 x 1,3	3,75	104		104		104			

41578 - 41580

Precision Needle Files, Semicircular



Type
Made of high quality file steel with chromium.

Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41578 - 41580



German Overall length mm	Shank Ø mm	Cut no. 1		Cut no. 2		Cut no. 3	
		41578	...	41579	...	41580	...
140	3,00	101		101		101	
160	3,00	102		102		102	
200	3,50	103		103		103	

• Needle Files

41523 - 41525

Precision Needle Files, Semicircular



Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41523 - 41525

Swiss			Cut no. 1	Cut no. 2	Cut no. 3
Overall length	Cross section	Shank Ø	41523 ...	41524 ...	41525 ...
mm	mm	mm			
140	5,0 x 1,6	3,00	101	101	101
160	5,7 x 1,8	3,25	102	102	102
200	6,4 x 1,8	3,75		104	104

41582 - 41584

Precision Needle Files, Triangular



Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41582 - 41584

Type

Made of high quality file steel with chromium.

German		Cut no. 1	Cut no. 2	Cut no. 3
Overall length	Shank Ø	41582 ...	41583 ...	41584 ...
mm	mm			
140	3,00	101	101	101
160	3,00	102	102	102
200	3,50	103	103	103

41527 - 41532

Precision Needle Files, Triangular



Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41527 - 41532

Swiss			Cut no. 00	Cut no. 0	Cut no. 1	Cut no. 2	Cut no. 3	Cut no. 4
Overall length	width	Shank Ø	41527 ...	41528 ...	41529 ...	41530 ...	41531 ...	41532 ...
mm	mm	mm						
140	3,50	3,00		101	101	101	101	
160	3,65	3,25		102	102	102	102	102
200	4,10	3,75	104	104		104	104	

41586 - 41588

Precision Needle Files, Square



Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41586 - 41588

Type

Made of high quality file steel with chromium.

German		Cut no. 1	Cut no. 2	Cut no. 3
Overall length	Shank Ø	41586 ...	41587 ...	41588 ...
mm	mm			
140	3,00	101	101	101
160	3,00	102	102	102
200	3,50	103	103	103

41533 - 41537

Precision Needle Files, Square



Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41533 - 41537

Swiss			Cut no. 00	Cut no. 0	Cut no. 1	Cut no. 2	Cut no. 3
Overall	Width	Shank Ø	41533 ...	41534 ...	41535 ...	41536 ...	41537 ...
mm	mm	mm					
140	2,4	3,00		101	101	101	101
160	2,4	3,25		102	102	102	102
200	3,0	3,75	104	104		104	104

41590 - 41592

Precision Needle Files, Round



Note:

Chuckling file handles see cat.-no. 41910 and 41911.

41590 - 41592

Type

Made of high quality file steel with chromium.

German		Cut no. 1	Cut no. 2	Cut no. 3
Overall length	Shank Ø	41590 ...	41591 ...	41592 ...
mm	mm			
140	3,00	101	101	101
160	3,00	102	102	102
200	3,50	103	103	103

41539 - 41544

Precision Needle Files, Round



Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41539 - 41544



Swiss			Cut no. 00	Cut no. 0	Cut no. 1	Cut no. 2	Cut no. 4
Overall mm	Ø mm	Shank Ø mm	41539 ...	41540 ...	41541 ...	41542 ...	41544 ...
140	3,00	3,00		101	101	101	
160	3,25	3,25		102	102	102	102
200	3,75	3,75	104	104	104	104	

41595 - 41596

Precision Needle Files, Flat Point



Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41595 - 41596

Type
Made of high quality file steel with chromium.



German		Cut no. 2	Cut no. 3
Overall length mm	Shank Ø mm	41595 ...	41596 ...
140	3,00	101	101
160	3,00	102	102
200	3,50	103	103

41546 - 41547

Precision Needle Files, Flat Point



Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41546 - 41547



Swiss			Cut no. 1	Cut no. 2
Overall length mm	Cross section mm	Shank Ø mm	41546 ...	41547 ...
160	5,5 x 1,2	3,25	102	102

41602 - 41604

Precision Needle Files, Barette



Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41602 - 41604

Type
Made of high quality file steel with chromium.



German		Cut no. 1	Cut no. 2	Cut no. 3
Overall length mm	Shank Ø mm	41602 ...	41603 ...	41604 ...
140	3,00		101	101
160	3,00	102	102	102
200	3,50	103	103	103

41606 - 41608

Precision Needle Files, Knife



Note:
Chuckling file handles see cat.-no. 41910 and 41911.

41606 - 41608

Type
Made of high quality file steel with chromium.



German		Cut no. 1	Cut no. 2	Cut no. 3
Overall length mm	Shank Ø mm	41606 ...	41607 ...	41608 ...
140	3,00	201	101	101
160	3,00	202	102	102
200	3,50	203		



4

• Files • File Blades

41557 - 41558

CORINOX® Needle Files

PFERD



Type

Extraordinary surface hardness (1200 HV), therefore the files are **extremely wear-resistant and have a long service life**. Stainless surface, therefore no corrosion marks on the workpiece. No loading of the files, i.e. the chips can be removed by lightly hitting the file against a hard surface.

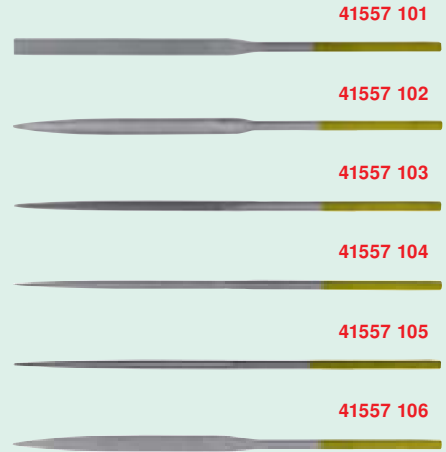
Application

Especially suitable for hard-to-machine materials, for machining stainless steel, e.g. **V2A, V4A**, highly heat-resistant steel, exotic alloys, but also for fibre-reinforced plastics and similar materials.

Note:

Chucking file handles see cat.-no. 41910 and 41911.

Swiss Shape	Overall length mm	Shank Ø mm	Cut no. 0		Cut no. 2	
			41557	...	41558	...
flat	180	4	101		101	
semicircular	180	4	102		102	
triangular	180	4	103		103	
square	180	4	104		104	
round	180	4	105		105	
flat point	180	4	106		106	



41610

Rifflers

PFERD



Swiss Shape	Length mm	Width x Thickness mm	Cut no. 2	
			41610	...
flat	180	8,2 x 2,5	101	
semicircular	180	9,5 x 3,3	102	
triangular	180	6,5	103	
square	180	4,5 x 4,5	104	
knife	180	8,5 x 4,0	108	



41612

Die Sinker's File Sets DIN 7283 A-F



Type

6-part, thin, 1 ea. file flat, flat point, triangular, square, semicircular, round.
With handle, length 100 mm, cut no. 2.

Set	41612	...
in plastic pouch	101	
in metal box	110	



41613

Die Sinker's File Sets DIN 7283 A-F

PFERD



Type

6-part, 1 ea. file flat, flat point, triangular, square, semicircular and round. With wooden handle, in sheet metal box. Length 100 mm, cut no. 2.

Set contents	41613	...
6-part	101	



41615 Triangular Sawing File DIN 7262 B



Type
Narrow.

Cut no.	Length mm	Width mm	41615 ...
2	150	8,5	103



41615

41617 Sash Saw File, flat



Type
With two round edges.

Cut no.	Length mm	Cross section mm	41617 ...
2	250	25 x 4,5	109



41617

41618 File for Sharpening Knives DIN 7262 G



Cut no.	Length mm	Cross section mm	41618 ...
2	200	20 x 6,4 x 1,50	101



41618

41621 Car Body File Blades



Type
Curved teeth on both sides, straight type. **Extraordinary performance and perfect surface quality thanks to positive rake angle, unparalleled ball shape and sharpness of teeth.** The teeth are milled, not hammered, from solid stock. Each tooth is formed in such a way that the chip must roll itself up in front of the rounded chip area and move to the large chip chamber. A special finishing treatment creates **razor-sharp serrated cutting edges**, which in turn result in extraordinary machining performances of the files. Thanks to the arch-shaped cross section, the serrated cutting edges do not form an even surface, but rather have the greatest height in their centre and the lowest height on the sides. The height difference is approx. 0,4 mm.

This prevents the edges of the file touching the workpiece. As a result, the workpiece will be free of scratches.

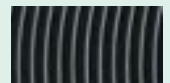
Application
Perfect for all sheet metal work, in which the surface must be very smooth and free of grooves. **The machined surfaces can be painted straight after the machining.** Finishing polish is not necessary because the surface will be free of grooves.

Serration	no. of Teeth per inch	Length mm	Cross section mm	41621 ...
1/coarse	9	350	36 x 5,4	104
2/medium	10	350	36 x 5,4	106
3/fine	12	350	36 x 5,4	108
Special crosscut	-	350	36 x 4,9	110



41621 104

41621 106



41621 108

41621 110



41622 Holders for Car Body File Blades



Application
For car body files with a length of **350 mm**. Thanks to the clamping mechanism, the filed can be bent into a convex shape with a variable radius. Therefore, it is possible to shape the file depending on the shape of the workpiece.



41622

41622 ...
102

• Files • Shaper Planes

41624

Workshop Flat PLUS®-Files

PFERD



Type

With handle. 3 sides cut. Extraordinary performance thanks to spade-shaped teeth, which ensure **easy filing**. Wide chip breakers prevent the loading of the files when machining soft materials.

Application

Multi-purpose file for roughing and finishing of steel, non-ferrous metal, wood and plastics.

41624



Length mm	Cross section mm	Plus cut no.	
		41624	...
200	20 x 5		101
250	25 x 6		102

41625 - 41626

Lead Float Files



Quality
Extra.

41625



41626



Cut no.	Length mm	Cross section mm	flat		semicircular	
			41625	...	41626	...
0	250	25,0 x 6,0		101		
0	250	25,0 x 7,0				103

41631 - 41632

Aluminium Files



41631

Type

Flat, both surfaces and one side cut.

41631



41632

Type

Semicircular.

41632



Cut no.	Length mm	Cross section mm	flat		semicircular	
			41631	...	41632	...
2	250	25,0 x 6,0		102		
2	200	20,0 x 6,0				101
2	250	25,0 x 7,0				102

41640

Hardness Testing Files



Type

Triangular, edges cut.

41640



Quality

Extra hard.

Cut no.	Length mm	Width mm	41640	...
3	150	10,3		105

41655

Multi-Purpose Files

Type

Flat, special cut. One side for roughing, the other for finishing.

Application

For steel and non-ferrous metal, plastics and wood.

41655



Length mm	Cross section mm	41655	...
200	20 x 5,0		101
250	25 x 6,3		102

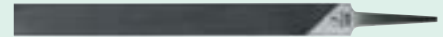
41670

Blunt Lathe Files DIN 7261 H



Type
Single cut, sides uncut.
Quality
Extra.

41670



Cut no.	Length mm	Cross section mm	41670	...
1	250	25,0 x 6,0	101	
1	300	30,0 x 6,5	102	

41671

Lathe Files, flat DIN 7261 H



Type
Single cut, opposite cut.
Advantage:
The file moves away from the chuck of the lathe - safer working.

41671



Cut no.	Length mm	Cross section mm	41671	...
1	250	25 x 6,0	101	
1	300	30 x 6,5	102	

41675 - 41677

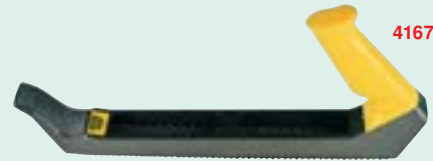
Shaper Planes and Files



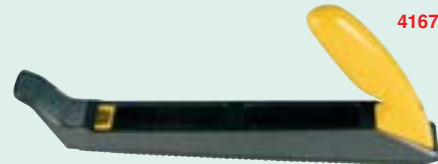
Type
The exchangeable cutting blades work on the plane principle. The material is cut by the razor-sharp teeth and ejected upwards through the blade to prevent loading.
With cutting blade 250 x 42 mm = cat.-no. 41678 101.
Application
For coarse and fine machining of different materials.

41675
Standard plane
41676
Combination plane
Application
Usable as plane or as file.
41677
Standard file

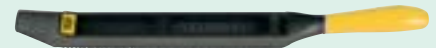
41675



41676



41677



Standard plane	Combination plane	Standard file
41675 ...	41676 ...	41677 ...
101	101	101

41678 - 41681

Spare Cutting Blades for Shaper Planes and Files



Type
Size 250 x 42 mm.

41678
Standard cutting blade, straight
Application
For hardwood and softwood, chipboard, plywood, vinyl, rubber, plaster, chalk, fibreglass, nylon, linoleum etc.

41679
Fine cutting blade, straight
Application
For hardwood and softwood, cross-cut wood, vinyl, plaster, non-ferrous metal, etc.

41680
Semicircular cutting blade
Application
For hardwood and softwood, cross-cut wood, vinyl, plaster, etc.
41681
Special cutting blade
Application
For fibreglass, non-ferrous metal, iron, plastic sheets, plastic filler, etc.

41678



41679



41680



41681



Standard	Fine cut	Semicircular	Special
41678 ...	41679 ...	41680 ...	41681 ...
101	101	101	102

• Thread Files • Chain Saw Files • Wood Rasps • File Handles

41700

Thread Files



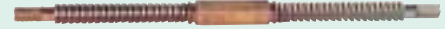
Type
Milled, finely polished.

Application
For reworking damaged internal and external threads.

41700 101
Type
With 8 leads 0,8 - 3 mm.
For metric threads.

41700 102
Type
24 - 10 pitch per inch.
For Ww threads.

41700



	41700 ...
8 pitches/ metric threads	101
24-10 pitch per inch/ Ww threads	102

41750

Chain Saw Sharpeners



Type
Files teeth and depth limiter in one operation. Precise manual sharpening, since teeth angle and depth limiter are filed in the correct proportion. Sharpening is more careful than with a machine, therefore longer service life of the chain.

Application
For chain saw files cat.-no. 41755.

41750 101
Type
Chain saw file 5,5 mm Ø and depth limiter file 9 x 6 x 200 mm included.

41750 103
Type
Chain saw file 4,0 mm Ø and depth limiter file 7 x 4,5 x 200 mm included.



41750



for chain saw files Ø	41750 ...
mm	
5,5 / 5,16 / 4,8	101
4,0	103

41755

Chain Saw Files



Type
Round files with precise spiral cut, which has very good gripping characteristics and sharpens the serrated cutting edges quickly and without any grooves whatsoever. Long service life.

Application
For chain saw sharpeners cat.-no. 41750.

Quality
Tool steel.

Note:
Suitable file handle see cat.-no. 41885 101 + 41886 101.

41755



Ø	Length	41755 ...
mm	mm	
4,0	200	102
4,8	200	104
5,5	200	106

41802

Wood Rasps, Flat DIN 7263 A



Type
With sharp, deeply cut teeth.

Note:
Wood rasp handles see cat.-no. 41904 - 41905.

41802



Cut no. 1			Cut no. 1		
Length	Cross section	41802 ...	Length	Cross section	41802 ...
mm	mm		mm	mm	
200	20 x 6,5	101	300	30 x 8,0	103
250	25 x 7,5	102			

41803 - 41804

Wood Rasps, Semicircular DIN 7263 C



Type
With sharp, deeply cut teeth.

Note:
Wood rasp handles see cat.-no. 41904 - 41905.

41803 - 41804



Cut no. 1			Cut no. 2			Cut no. 1			Cut no. 2		
Length	Cross section	41803 ...	41804 ...	Length	Cross section	41803 ...	41804 ...	Length	Cross section	41803 ...	41804 ...
mm	mm			mm	mm			mm	mm		
200	21 x 7,5	101	101	300	30 x 10,0	103	103				
250	25 x 8,5	102	102								

41805

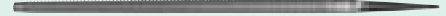
Wood Rasps, Round DIN 7263 E



Type
With sharp, deeply cut teeth.

Note:
Wood rasp handles see cat.-no. 41904 - 41905.

41805



Length mm	Ø mm	Cut no. 2	
		41805	...
200	9,5	101	
250	11,5	102	

41822 - 41823

Wood Rasps DIN 7263 D (Cabinet Rasps)



Type
Flat, semicircular.

Note:
Wood rasp handles see cat.-no. 41904 - 41905.

41822 - 41823



Overall length mm	Cross section mm	Cut no. 2		Cut no. 3	
		41822	...	41823	...
200	25 x 6,0	101			
250	29 x 7,0	102		102	
300	34 x 8,0	103			102

41885

Plastic File Handles



Type
Impact-proof plastics, **reusable**, patented tang mount with displacement chamber, octagonal cross section at the end ensures that the file will not roll away. Air chambers remove hand sweat, hang-up hole. The semicircular shape of the handle's end touches the ball of the thumb in a large area, therefore the strain on the hand during roughing work is distributed very well.

41885 101-102



41885 103



41885 104



for file length mm	Application	41885	...
100 - 150	chain saw files + die sinker's files + very narrow tangs	101	
100 - 150	standard tangs	102	
200 - 250	all tangs	103	
300 - 350	all tangs	104	

41886

Ergonomically Shaped File Handles



Type
With soft grip surface, made of two materials. **Very comfortable thanks** to the perfect ergonomical shape, soft plastics in the gripping area, large, rounded contact surfaces. **Maximum security** thanks to the fact that the handle is shaped after the hand. No danger of injuries caused by the sharp edges of the files. The octagonal shape of the end of the handle ensures that the file will not roll away. High friction between hand and handle. Stress-free work. High force transmission and good guiding of the handle. **Reusable**. Recyclable materials.

41886 101



41886 103



41886 102



41886 105



for file length mm	Application	41886	...
100 - 150	chain saw files + die sinker's files + very narrow tangs	101	
100 - 150	standard tangs	102	
200 - 250	profiles flat, flat point, semicircular	103	
300 - 350	profiles flat, flat point, semicircular	105	

• File Handles • Sharpening Files • Dressing Stones

41890 - 41894 Plastic File Handles

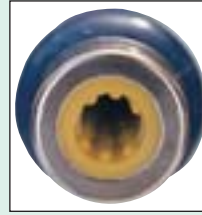
Type

With soft core insert, reinforced by a pressed steel ferrule. High-impact plastics, no chipping, firm and tight hold of all tools, even after several changes.

Heat and water-proof, fat, oil and acid-resistant
Four colours available for a clear selection of tools.

Application

Plastic file handles are mounted when cold and with slight impact, can be exchanged at any time.



41890 - 41894



Overall length mm	red		blue		green		black	
	41890	...	41891	...	41893	...	41894	...
90	102		102		102		102	
100	103		103		103		103	
110	104		104		104		104	
120	105		105		105		105	
130	106		106		106		106	

41904 - 41910 File Handles/Chucking File Handles

41904

Type

Beechwood, with pressed-in steel ferrule.

41905

Type

Laminated paper, matt impregnated.

41910

Chuckling file handle

Type

Closed plastic handle with jaw insert.

Application

For quick mounting of needle files.

41904



41905



41910



Overall length mm	for file length mm	Beechwood handle		Laminated paper handle		Chuckling handle	
		41904	...	41905	...	41910	...
80	< 100	102		202			
90	< 125	103					
100	100 - 175	104		204			
110	150 - 250	105					
120	150 - 300	106		206			
130	200 - 300	107					
140	250 - 350	108					
160	> 350	110		209			
85	120 - 200						101

41911 Tool Handles with Spring Collet and Turning Knob Clamping

Type

High-quality GRP handle, perfect for: triangular scrapers, needle files, scribers, drills. Quick exchange.

Application

For quick and firm clamping of needle files, small drills, scrapers, reamers etc.

41911



Collet range mm	Handle length mm	41911	...
2,2 - 4,5	90		101

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Performance requires quality.

Burrs by ATORN:

- high-strength materials
- longest service life
- various milling profiles

This is but one example of ATORN's high-quality grinding and cutting tools.

