

SNA-02

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Vijlen
(23-38)

BAHCO



AKKERMANS
INDUSTRIAL ENGINEERING





Files



ENGINEERING FILES

Engineering Flat Hand Files Bastard/
Second/Smooth Cut Unhandled



1-100...-0

100 mm	1	10	1-100-04-1-0
100 mm	2	10	1-100-04-2-0
100 mm	3	10	1-100-04-3-0
150 mm	1	10	1-100-06-1-0
150 mm	2	10	1-100-06-2-0
150 mm	3	10	1-100-06-3-0
200 mm	1	10	1-100-08-1-0
200 mm	2	10	1-100-08-2-0
200 mm	3	10	1-100-08-3-0
250 mm	1	10	1-100-10-1-0
250 mm	2	10	1-100-10-2-0
250 mm	3	10	1-100-10-3-0
300 mm	1	5	1-100-12-1-0
300 mm	2	5	1-100-12-2-0
300 mm	3	5	1-100-12-3-0
350 mm	1	5	1-100-14-1-0
350 mm	2	5	1-100-14-2-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering Flat Hand Files
Bastard/Second/Smooth Cut



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1-100...-2

100 mm	1	5	1-100-04-1-2
100 mm	2	5	1-100-04-2-2
150 mm	1	5	1-100-06-1-2
150 mm	2	5	1-100-06-2-2
150 mm	3	5	1-100-06-3-2
200 mm	1	5	1-100-08-1-2
200 mm	2	5	1-100-08-2-2
200 mm	3	5	1-100-08-3-2
250 mm	1	5	1-100-10-1-2
250 mm	2	5	1-100-10-2-2
250 mm	3	5	1-100-10-3-2
300 mm	1	5	1-100-12-1-2
300 mm	2	5	1-100-12-2-2
300 mm	3	5	1-100-12-3-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Pillar Files Bastard/Second/
Smooth Cut Unhandled



1-102

150 mm	2	10	1-102-06-2-0
150 mm	3	10	1-102-06-3-0
200 mm	1	10	1-102-08-1-0
200 mm	2	10	1-102-08-2-0
200 mm	3	10	1-102-08-3-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Lathe Files Second/Smooth
Cut Unhandled



1-104

250 mm	2	10	1-104-10-2-0
250 mm	3	10	1-104-10-3-0
300 mm	2	5	1-104-12-2-0
300 mm	3	5	1-104-12-3-0
350 mm	3	5	1-104-14-3-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Oberg Cut Flat Hand Files
Bastard Cut Unhandled



1-106...-0

200 mm	1	10	1-106-08-1-0
250 mm	1	10	1-106-10-1-0
300 mm	1	5	1-106-12-1-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering Oberg Cut Flat Hand
Files Bastard Cut



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1-106...-2

200 mm	1	5	1-106-08-1-2
250 mm	1	5	1-106-10-1-2
300 mm	1	5	1-106-12-1-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Flat Files with Tapered Edge
Bastard/Second/Smooth Cut Unhandled



1-110...-0

100 mm	1	10	1-110-04-1-0
100 mm	2	10	1-110-04-2-0
100 mm	2	10	1-110-04-3-0
150 mm	1	10	1-110-06-1-0
150 mm	2	10	1-110-06-2-0
150 mm	3	10	1-110-06-3-0
200 mm	1	10	1-110-08-1-0
200 mm	2	10	1-110-08-2-0
200 mm	2	10	1-110-08-3-0
250 mm	1	10	1-110-10-1-0
250 mm	2	10	1-110-10-2-0
250 mm	3	10	1-110-10-3-0
300 mm	1	5	1-110-12-1-0
300 mm	2	5	1-110-12-2-0
300 mm	3	5	1-110-12-3-0
350 mm	1	5	1-110-14-1-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering Tapered Edge Flat File Bastard/Second/Smooth Cut


1-110...-2


150 mm	1	5	1-110-06-1-2
150 mm	2	5	1-110-06-2-2
150 mm	3	5	1-110-06-3-2
200 mm	1	5	1-110-08-1-2
200 mm	2	5	1-110-08-2-2
200 mm	3	5	1-110-08-3-2
250 mm	1	5	1-110-10-1-2
250 mm	2	5	1-110-10-2-2
250 mm	3	5	1-110-10-3-2
300 mm	1	5	1-110-12-1-2
300 mm	2	5	1-110-12-2-2
300 mm	3	5	1-110-12-3-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Warding Flat Hand Files Bastard/Second/Smooth Cut Unhandled

1-111...-0


100 mm	1	10	1-111-04-1-0
100 mm	2	10	1-111-04-2-0
100 mm	3	10	1-111-04-3-0
150 mm	1	10	1-111-06-1-0
150 mm	2	10	1-111-06-2-0
150 mm	3	10	1-111-06-3-0
200 mm	1	10	1-111-08-1-0
200 mm	2	10	1-111-08-2-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering Warding Flat Files Second Cut


1-111...-2


150 mm	2	5	1-111-06-2-2
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Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Flat Contact Files Smooth Cut Unhandled

1-115


110 mm	3	10	1-115-11-3-1
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Engineering Mill Files with 2 Flat Edges Bastard/Second Cut Unhandled

1-143...-0


100 mm	1	10	1-143-04-1-0
150 mm	1	10	1-143-06-1-0
200 mm	1	10	1-143-08-1-0
250 mm	1	10	1-143-10-1-0
300 mm	1	5	1-143-12-1-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering Mill Files with 2 Flat Edges Bastard/Second Cut


1-143...-2


150 mm	1	5	1-143-06-1-2
200 mm	1	5	1-143-08-1-2
250 mm	1	5	1-143-10-1-2
300 mm	1	5	1-143-12-1-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering Diagonal Files Second Cut


1-320...-2


200 mm	2	5	1-320-08-2-2
250 mm	2	5	1-320-10-2-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Diagonal Files Second Cut Unhandled

1-320...-0


200 mm	2	10	1-320-08-2-0
250 mm	2	10	1-320-10-2-0
300 mm	2	5	1-320-12-2-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Half-Round Files Bastard/Second/Smooth Cut Unhandled

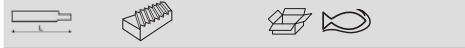
1-210...-0


100 mm	1	10	1-210-04-1-0
100 mm	2	10	1-210-04-2-0
100 mm	3	10	1-210-04-3-0
150 mm	1	10	1-210-06-1-0
150 mm	2	10	1-210-06-2-0
150 mm	3	10	1-210-06-3-0
200 mm	1	10	1-210-08-1-0
200 mm	2	10	1-210-08-2-0
200 mm	3	10	1-210-08-3-0
250 mm	1	10	1-210-10-1-0
250 mm	2	10	1-210-10-2-0
250 mm	3	10	1-210-10-3-0
300 mm	1	5	1-210-12-1-0
300 mm	2	5	1-210-12-2-0
300 mm	3	5	1-210-12-3-0
350 mm	1	5	1-210-14-1-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth



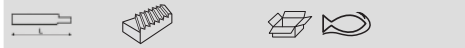
ERGO™ Engineering Half-Round Files
 Bastard/Second/Smooth Cut


1-210...-2


100 mm	1	5	1-210-04-1-2
100 mm	2	5	1-210-04-2-2
150 mm	1	5	1-210-06-1-2
150 mm	2	5	1-210-06-2-2
150 mm	3	5	1-210-06-3-2
200 mm	1	5	1-210-08-1-2
200 mm	2	5	1-210-08-2-2
200 mm	3	5	1-210-08-3-2
250 mm	1	5	1-210-10-1-2
250 mm	2	5	1-210-10-2-2
250 mm	3	5	1-210-10-3-2
300 mm	1	5	1-210-12-1-2
300 mm	2	5	1-210-12-2-2
300 mm	3	5	1-210-12-3-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

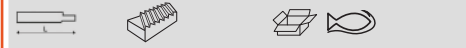
Engineering Round Files Bastard/Second/Smooth Cut Unhandled

1-230...-0


100 mm	1	10	1-230-04-1-0
100 mm	2	10	1-230-04-2-0
100 mm	3	10	1-230-04-3-0
150 mm	1	10	1-230-06-1-0
150 mm	2	10	1-230-06-2-0
150 mm	3	10	1-230-06-3-0
200 mm	1	10	1-230-08-1-0
200 mm	2	10	1-230-08-2-0
200 mm	3	10	1-230-08-3-0
250 mm	1	10	1-230-10-1-0
250 mm	2	10	1-230-10-2-0
250 mm	3	10	1-230-10-3-0
300 mm	1	5	1-230-12-1-0
300 mm	2	5	1-230-12-2-0
300 mm	3	5	1-230-12-3-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

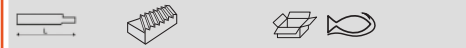
ERGO™ Engineering Round Files
 Bastard/Second/Smooth Cut


1-230...-2


100 mm	1	5	1-230-04-1-2
100 mm	2	5	1-230-04-2-2
150 mm	1	5	1-230-06-1-2
150 mm	2	5	1-230-06-2-2
150 mm	3	5	1-230-06-3-2
200 mm	1	5	1-230-08-1-2
200 mm	2	5	1-230-08-2-2
200 mm	3	5	1-230-08-3-2
250 mm	1	5	1-230-10-1-2
250 mm	2	5	1-230-10-2-2
250 mm	3	5	1-230-10-3-2
300 mm	1	5	1-230-12-1-2
300 mm	2	5	1-230-12-2-2
300 mm	3	5	1-230-12-3-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

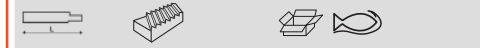
Engineering Three Square Files Bastard/Second/Smooth Cut Unhandled

1-170...-0


100 mm	1	10	1-170-04-1-0
100 mm	2	10	1-170-04-2-0
100 mm	3	10	1-170-04-3-0
150 mm	1	10	1-170-06-1-0
150 mm	2	10	1-170-06-2-0
150 mm	3	10	1-170-06-3-0
200 mm	1	10	1-170-08-1-0
200 mm	2	10	1-170-08-2-0
200 mm	3	10	1-170-08-3-0
250 mm	1	10	1-170-10-1-0
250 mm	2	10	1-170-10-2-0
250 mm	3	10	1-170-10-3-0
300 mm	1	5	1-170-12-1-0
300 mm	2	5	1-170-12-2-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

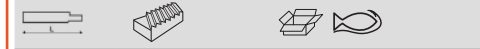
ERGO™ Engineering Three Square Files
 Bastard/Second/Smooth Cut


1-170...-2


100 mm	2	5	1-170-04-2-2
150 mm	1	5	1-170-06-1-2
150 mm	2	5	1-170-06-2-2
150 mm	3	5	1-170-06-3-2
200 mm	1	5	1-170-08-1-2
200 mm	2	5	1-170-08-2-2
200 mm	3	5	1-170-08-3-2
250 mm	1	5	1-170-10-1-2
250 mm	2	5	1-170-10-2-2
250 mm	3	5	1-170-10-3-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

Engineering Square Files Bastard/Second/Smooth Cut Unhandled

1-160...-0


100 mm	1	10	1-160-04-1-0
100 mm	2	10	1-160-04-2-0
100 mm	3	10	1-160-04-3-0
150 mm	1	10	1-160-06-1-0
150 mm	2	10	1-160-06-2-0
150 mm	3	10	1-160-06-3-0
200 mm	1	10	1-160-08-1-0
200 mm	2	10	1-160-08-2-0
200 mm	3	10	1-160-08-3-0
250 mm	1	10	1-160-10-1-0
250 mm	2	10	1-160-10-2-0
250 mm	3	10	1-160-10-3-0
300 mm	1	5	1-160-12-1-0
300 mm	2	5	1-160-12-2-0
300 mm	3	5	1-160-12-3-0

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering Square Files
 Bastard/Second/Smooth Cut


1-160...-2


100 mm	1	5	1-160-04-1-2
100 mm	2	5	1-160-04-2-2
150 mm	1	5	1-160-06-1-2

			
150 mm	2	5	1-160-06-2-2
150 mm	3	5	1-160-06-3-2
200 mm	1	5	1-160-08-1-2
200 mm	2	5	1-160-08-2-2
200 mm	3	5	1-160-08-3-2
250 mm	1	5	1-160-10-1-2
250 mm	2	5	1-160-10-2-2
250 mm	3	5	1-160-10-3-2
300 mm	1	5	1-160-12-1-2
300 mm	2	5	1-160-12-2-2
300 mm	3	5	1-160-12-3-2

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth

ERGO™ Engineering File Set Smooth
Cut - 6 Pcs

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1-476

			
100 mm	3	1	1-476-04-3-2

1-160-04-3-2, 1-111-04-3-2, 1-230-04-3-2, 1-170-04-3-2, 1-210-04-3-2, 1-100-04-3-2

ERGO™ Engineering File Set Second Cut
150 mm - 3 Pcs

ergo®



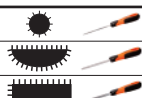
1-473

			
150 mm	2	5	1-473-06-2-2

1-230-06-2-2

1-210-06-2-2

1-100-06-2-2

ERGO™ Engineering File Set Second Cut
200 mm - 3 Pcs

ergo®



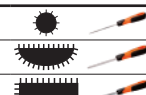
1-473-08-2-2

			
200 mm	2	5	1-473-08-2-2

1-230-08-2-2

1-210-08-2-2

1-100-08-2-2

ERGO™ Engineering File Set Second Cut
250 mm - 3 Pcs

ergo®



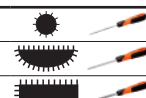
1-473-10-2-2 1

			
250 mm	2	5	1-473-10-2-2

1-230-10-2-2

1-210-10-2-2

1-100-10-2-2

ERGO™ Engineering File Set with Half-
Round Rasp Second Cut 200 mm - 5 Pcs

ergo®



1-477

			
200 mm	2	5	1-477-08-2-2

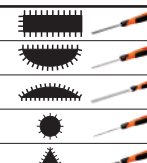
1-100-08-2-2

1-210-08-2-2

6-343-08-2-2

1-230-08-2-2

1-170-08-2-2

ERGO™ Engineering File Set with Half-
Round Rasp Second Cut 250 mm - 5 Pcs

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1-477-10-2-2

			
250 mm	2	5	1-477-10-2-2

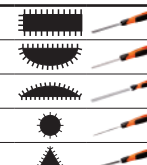
1-100-10-2-2

1-210-10-2-2

6-343-10-2-2

1-230-10-2-2

1-170-10-2-2



**ERGO™ Engineering File Set 4 Bastard/1
Second Cut 200 mm - 5 Pcs**

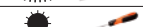
**1-478**

200 mm 1&2 5 1-478-08-1-2

1-210-08-1-2



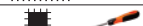
1-230-08-1-2



1-100-08-1-2, 1-100-08-2-2



1-160-08-1-2


**ERGO™ Engineering File Set 4 Bastard/1
Second Cut 250 mm - 5 Pcs**

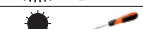
**1-478-10-1-2 1**

250 mm 1&2 5 1-478-10-1-2

1-210-10-1-2



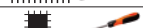
1-230-10-1-2



1-100-10-1-2, 1-100-10-2-2



1-160-10-1-2


**ERGO™ Engineering File Set with Cabinet
Rasp Bastard Cut 200 mm - 5 Pcs**

**1-479**

200 mm 1 5 1-479-08-1-2

4-138-08-1-2



1-210-08-1-2



6-343-08-2-2



1-230-08-1-2



1-100-08-1-2


**ERGO™ Engineering File Set with Cabinet
Rasp Second Cut 200 mm - 5 Pcs**

**1-479-08-2-2**

200 mm 2 5 1-479-08-2-2

4-138-08-1-2



1-210-08-2-2



6-343-08-2-2



1-230-08-2-2



1-100-08-2-2


SHARPENING FILES
ERGO™ Flat Chainsaw Files

**166-2**

150 mm 3 5 166-6-16-2.5-2

Flat Chainsaw Files Unhandled
**166/167-12**150 mm 3 12 166-6-16-2.5-12
200 mm 1 12 167-8-21-3.2-12
Round Chainsaw Files - 12 x 1 Pck
**168 - 1P**

150 mm	3.2 mm	12	168-6-3.2-1P
150 mm	3.5 mm	12	168-6-3.5-1P
200 mm	4.0 mm	12	168-8-4.0-1P
200 mm	4.5 mm	12	168-8-4.5-1P
200 mm	4.8 mm	12	168-8-4.8-1P
200 mm	5.2 mm	12	168-8-5.2-1P
200 mm	5.5 mm	12	168-8-5.5-1P
200 mm	6.3 mm	12	168-8-6.3-1P

Round Chainsaw Files - 12 x 3 Pck
**168 - 3P**

150 mm	3.2 mm	12	168-6-3.2-3P
150 mm	3.5 mm	12	168-6-3.5-3P
200 mm	4.0 mm	12	168-8-4.0-3P
200 mm	4.5 mm	12	168-8-4.5-3P
200 mm	4.8 mm	12	168-8-4.8-3P
200 mm	5.2 mm	12	168-8-5.2-3P
200 mm	5.5 mm	12	168-8-5.5-3P
200 mm	6.3 mm	12	168-8-6.3-3P

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Round Chainsaw Files - 6 Pck

**168-8**

200 mm	4.0 mm	6	168-8-4.0-6
200 mm	4.5 mm	6	168-8-4.5-6
200 mm	4.8 mm	6	168-8-4.8-6
200 mm	5.2 mm	6	168-8-5.2-6
200 mm	5.5 mm	6	168-8-5.5-6

ERGO™ Chainsaw File Set with Two-Component Handle and Filing Guide



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**168-C-G**

200 mm	4.0 mm	10	168-COMBI-4.0-6922
200 mm	4.8 mm	10	168-COMBI-4.8-6920
200 mm	5.5 mm	10	168-COMBI-5.5-6924

ERGO™ Chainsaw File Set with Two-Component Handle



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**168-C**

200 mm	4.0 mm	10	168-COMBI-4.0
200 mm	4.5 mm	10	168-COMBI-4.5
200 mm	4.8 mm	10	168-COMBI-4.8
200 mm	5.5 mm	10	168-COMBI-5.5

Mill Saw Files with 1 Round Edge Bastard Cut Unhandled

**4-138...-0**

150 mm	1	10	4-138-06-1-0
200 mm	1	10	4-138-08-1-0
250 mm	1	10	4-138-10-1-0
300 mm	1	5	4-138-12-1-0

ERGO™ Mill Saw Files with Dual-Component Handle and 1 Round Edge Bastard Cut



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**4-138...-2**

150 mm	1	5	4-138-06-1-2
200 mm	1	5	4-138-08-1-2
250 mm	1	5	4-138-10-1-2
300 mm	1	5	4-138-12-1-2

Mill Saw Files with 2 Round Edges Bastard Cut Unhandled

**4-140...-0**

150 mm	1	10	4-140-06-1-0
200 mm	1	10	4-140-08-1-0
250 mm	1	10	4-140-10-1-0

ERGO™ Mill Saw Files with Dual-Component Handle and 2 Round Edges Bastard Cut



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**4-140...-2**

200 mm	1	5	4-140-08-1-2
250 mm	1	5	4-140-10-1-2

Mill Saw Files with 2 Flat Edges Bastard Cut Unhandled

**4-142**

150 mm	1	10	4-142-06-1-0
200 mm	1	10	4-142-08-1-0
250 mm	1	10	4-142-10-1-0

Mill Saw Files with 1 Round Edge Extra thin Second Cut Unhandled

**4-144...-0**

200 mm	2	10	4-144-08-2-0
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ERGO™ Mill Saw Files with Dual-Component Handle and 1 Round Edge Second Cut



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4-144...-2

200 mm	2	5 4-144-08-2-2

4-in-2 ERGO™ Homeowner's File Set with Two-Component Handle for Wood and Metal



ergo®



4-154

200 mm	1 & 2	10 4-154-08-2-2

ERGO™ Taper Saw Files with Dual-Component Handle Second Cut



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4-183...-2

100 mm	2	5 4-183-04-2-2
125 mm	2	5 4-183-05-2-2
150 mm	2	5 4-183-06-2-2
175 mm	2	5 4-183-07-2-2
200 mm	2	5 4-183-08-2-2

2-in-1 ERGO™ Homeowner's Files with Two-Component Handle for Wood & Metal



ergo®



4-152

200 mm	2 & 2	5 4-152-08-2-2

2-in-1 Farmer's own double Duty Files Bastard Cut



4-155

200 mm	1	10 4-155-08-2-0
250 mm	1	5 4-155-10-2-0

Slim Taper Saw Files Second Cut Unhandled



4-186...-0

100 mm	2	10 4-186-04-2-0
112 mm	2	10 4-186-45-2-0*
125 mm	2	10 4-186-05-2-0
150 mm	2	10 4-186-06-2-0
175 mm	2	10 4-186-07-2-0
200 mm	2	10 4-186-08-2-0

2-in-1 ERGO™ Homeowner's Files with Two-Component Handle for Metal



ergo®



4-153

200 mm	1 & 1	5 4-153-08-1-2

Taper Saw Files Second Cut Unhandled



4-183...-0

100 mm	2	10 4-183-04-2-0
125 mm	2	10 4-183-05-2-0
150 mm	2	10 4-183-06-2-0
175 mm	2	10 4-183-07-2-0
200 mm	2	10 4-183-08-2-0
250 mm	2	10 4-183-10-2-0

ERGO™ Slim Taper Files with Dual-Component Handle Second Cut



ergo®



4-186...-2

100 mm	2	5 4-186-04-2-2
125 mm	2	5 4-186-05-2-2
150 mm	2	5 4-186-06-2-2

Extra Slim Taper Saw Files Second Cut Unhandled

**4-187...-0**

100 mm	2	10	4-187-04-2-0
112 mm	2	10	4-187-45-2-0*
125 mm	2	10	4-187-05-2-0
150 mm	2	10	4-187-06-2-0
175 mm	2	10	4-187-07-2-0

ERGO™ Extra Slim Taper Files with Dual-Component Handle Second Cut



ergo®

**4-187...-2**

125 mm	2	5	4-187-05-2-2
150 mm	2	5	4-187-06-2-2

Double Extra Slim Taper Saw Files Second Cut Unhandled

**4-188...-0**

125 mm	2	10	4-188-05-2-0
150 mm	2	10	4-188-06-2-0

ERGO™ Double Extra Slim Taper Files with Dual-Component Handle Second Cut



ergo®

**4-188...-2**

125 mm	2	5	4-188-05-2-2
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Double-Ended Saw Files with Wooden Handle Second Cut

**4-190...-0**

175 mm	2	10	4-190-07-2-0
200 mm	2	10	4-190-08-2-0

ERGO™ Double-Ended Saw Files with Dual-Component Handle Second Cut



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**4-190...-2**

150 mm	2	5	4-190-06-2-2
175 mm	2	5	4-190-07-2-2
200 mm	2	5	4-190-08-2-2

Tapered Bandsaw Files Second Cut Unhandled

**4-192...-0**

150 mm	2	10	4-192-06-2-0
175 mm	2	10	4-192-07-2-0
200 mm	2	10	4-192-08-2-0

ERGO™ Tapered Bandsaw Files with Dual-Component Handle Second Cut



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**4-192...-2**

150 mm	2	5	4-192-06-2-2
200 mm	2	5	4-192-08-2-2

Machine Bandsaw Files Second Cut

**4-202 - 4-204**

216 mm	2	10	4-202-85-2-0
216 mm	2	10	4-204-85-2-0



Wasa™ Double Edge Saw Files Smooth Cut Unhandled



4-272...-0

150 mm	3	10	4-272-06-3-0

ERGO™ Wasa™ Double Edge Saw Files with Dual-Component Handle Smooth Cut



ergo



4-272...-2

125 mm	3	5	4-272-05-3-2
150 mm	3	5	4-272-06-3-2

RASPS

Flat Hand Rasps Medium Cut Unhandled



6-344...-0

200 mm	2	10	6-344-08-2-0
250 mm	2	10	6-344-10-2-0

ERGO™ Flat Hand Rasps Medium Cut



ergo



6-344...-2

200 mm	2	5	6-344-08-2-2
250 mm	2	5	6-344-10-2-2

Half-Round Rasps Coarse/Medium Cut Unhandled



6-342...-0

150 mm	2	10	6-342-06-2-0
200 mm	1	10	6-342-08-1-0
200 mm	2	10	6-342-08-2-0
250 mm	1	10	6-342-10-1-0
250 mm	2	10	6-342-10-2-0

ERGO™ Half-Round Rasps Coarse/Medium Cut



ergo



6-342...-2

150 mm	2	5	6-342-06-2-2
200 mm	1	5	6-342-08-1-2
200 mm	2	5	6-342-08-2-2
250 mm	1	5	6-342-10-1-2
250 mm	2	5	6-342-10-2-2

Half-Round Cabinet Rasps Medium/Fine Cut Unhandled



6-343...-0

200 mm	2	10	6-343-08-2-0
200 mm	3	10	6-343-08-3-0
250 mm	2	10	6-343-10-2-0
250 mm	3	10	6-343-10-3-0

ERGO™ Half-Round Cabinet Rasps Medium Cut



ergo



6-343...-2

200 mm	2	5	6-343-08-2-2
250 mm	2	5	6-343-10-2-2

Round Rasps Medium Cut Unhandled



6-345...-0

200 mm	2	10	6-345-08-2-0
250 mm	2	10	6-345-10-2-0

ERGO™ Round Rasps Coarse/Medium Cut**ergo****6-345...-2**

200 mm	1	5	6-345-08-1-2
200 mm	2	5	6-345-08-2-2
250 mm	1	5	6-345-10-1-2

ERGO™ Rasp File Set Second Cut - 3 Pcs**ergo****6-470**

200 mm	2	5	6-470-08-2-2
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6-345-08-2-2**6-342-08-2-2****4-152-08-2-2****MILLED TOOTH FILES****Pansar® Milled Tooth Flat Blades Bastard/Second Cut Unhandled****3-330**

300 mm	1	5	3-330-12-1-0
300 mm	2	5	3-330-12-2-0
350 mm	1	5	3-330-14-1-0
350 mm	2	5	3-330-14-2-0

Pansar® Milled Tooth Half-Round Blades Bastard Cut Unhandled**3-331**

350 mm	1	5	3-331-14-1-0
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ERGO™ Milled Tooth Filemasters with Two-component handle**ergo****FM10**

300 mm	4 & 5	5	FM12
250 mm	4 & 5	5	FM10

ERGO™ Milled Tooth Half-Round Filemasters with Two-component handle**ergo****HRFM10**

250 mm	5	5	HRFM10
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NEEDLE FILES**Needle Flat Files Bastard/Second/Smooth/Dead Smooth Cut Unhandled****2-300**

140 mm	0	10	2-300-14-0-0
140 mm	2	10	2-300-14-2-0
140 mm	4	10	2-300-14-4-0
160 mm	0	10	2-300-16-0-0
160 mm	1	10	2-300-16-1-0
160 mm	2	10	2-300-16-2-0
160 mm	4	10	2-300-16-4-0
180 mm	0	10	2-300-18-0-0
180 mm	2	10	2-300-18-2-0

Needle Flat Files with Tapered Edge Bastard/Second/Smooth Cut Unhandled**2-301**

140 mm	0	10	2-301-14-0-0
140 mm	2	10	2-301-14-2-0
160 mm	0	10	2-301-16-0-0
160 mm	1	10	2-301-16-1-0
160 mm	2	10	2-301-16-2-0

Needle Half-Round Files Bastard/Second/Smooth/Dead Smooth Cut Unhandled**2-304**

140 mm	0	10	2-304-14-0-0
140 mm	2	10	2-304-14-2-0
140 mm	4	10	2-304-14-4-0
160 mm	0	10	2-304-16-0-0
160 mm	1	10	2-304-16-1-0
160 mm	2	10	2-304-16-2-0
160 mm	4	10	2-304-16-4-0
180 mm	0	10	2-304-18-0-0
180 mm	2	10	2-304-18-2-0



Needle Half-Round Files Bastard Cut Unhandled

**2-313**

160 mm	0	10	2-313-16-0-0

Needle Round Files Bastard/Second/Smooth/Dead Smooth Cut Unhandled

**2-307**

140 mm	0	10	2-307-14-0-0
140 mm	2	10	2-307-14-2-0
140 mm	4	10	2-307-14-4-0
160 mm	0	10	2-307-16-0-0
160 mm	1	10	2-307-16-1-0
160 mm	2	10	2-307-16-2-0
160 mm	4	10	2-307-16-4-0
180 mm	0	10	2-307-18-0-0
180 mm	2	10	2-307-18-2-0

Needle Oval Files Second/Smooth Cut Unhandled

**2-305**

160 mm	1	10	2-305-16-1-0
160 mm	2	10	2-305-16-2-0

Needle Crossing Files Second/Smooth Cut Unhandled

**2-306**

160 mm	1	10	2-306-16-1-0
160 mm	2	10	2-306-16-2-0

Needle Three Square Files Bastard/Second/Smooth/Dead Smooth Cut Unhandled

**2-302**

140 mm	0	10	2-302-14-0-0
140 mm	2	10	2-302-14-2-0
140 mm	4	10	2-302-14-4-0
160 mm	0	10	2-302-16-0-0
160 mm	1	10	2-302-16-1-0
160 mm	2	10	2-302-16-2-0
160 mm	4	10	2-302-16-4-0
180 mm	0	10	2-302-18-0-0
180 mm	2	10	2-302-18-2-0

Needle Barrette Files Smooth/Dead Smooth Cut Unhandled

**2-309**

160 mm	2	10	2-309-16-2-0
160 mm	4	10	2-309-16-4-0

Needle Knife Files Bastard/Second/Smooth Cut Unhandled

**2-308**

140 mm	2	10	2-308-14-2-0
160 mm	0	10	2-308-16-0-0
160 mm	1	10	2-308-16-1-0
160 mm	2	10	2-308-16-2-0

Needle Square Files Bastard/Second/Smooth/Dead Smooth Cut Unhandled

**2-303**

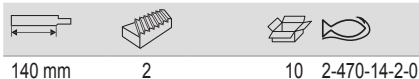
140 mm	2	10	2-303-14-2-0
160 mm	0	10	2-303-16-0-0
160 mm	1	10	2-303-16-1-0
160 mm	2	10	2-303-16-2-0
160 mm	4	10	2-303-16-4-0
180 mm	0	10	2-303-18-0-0
180 mm	2	10	2-303-18-2-0

Needle File Set Bastard Cut Unhandled
140 mm - 6 Pcs**2-470**

140 mm	0	10	2-470-14-0-0

9-488-02-10

2-304-14-0-0			
2-300-14-0-0			
2-303-14-0-0			
2-302-14-0-0			
2-301-14-0-0			
2-307-14-0-0			

Needle File Set Smooth Cut Unhandled
140 mm - 6 Pcs**2-470-14-2-0**

9-488-02-10

2-304-14-2-0

2-300-14-2-0

2-303-14-2-0

2-302-14-2-0

2-301-14-2-0

2-307-14-2-0

Needle File Set Dead Smooth Cut
Unhandled 140 mm - 6 Pcs**2-470-14-4-0**

9-488-02-10

2-304-14-4-0

2-300-14-4-0

2-303-14-4-0, 2-301-14-4-0

2-302-14-4-0

2-307-14-4-0

Needle File Set Second Cut Unhandled
160 mm - 6 Pcs**2-470-16-1-0**

9-488-02-10

2-304-16-1-0

2-300-16-1-0

2-303-16-1-0

2-302-16-1-0

2-301-16-1-0

2-307-16-1-0

Needle File Set Smooth Cut Unhandled
160 mm - 6 Pcs**2-470-16-2-0**

9-488-02-10

2-304-16-2-0

2-300-16-2-0

2-303-16-2-0

2-302-16-2-0

2-301-16-2-0

2-307-16-2-0

Needle File Set Second Cut Unhandled
160 mm - 9 Pcs**2-471**

9-488-02-10

2-303-16-1-0

2-304-16-1-0

2-302-16-1-0

2-300-16-1-0

2-308-16-1-0

2-301-16-1-0

2-306-16-1-0

2-305-16-1-0

2-307-16-1-0

Needle File Set Bastard Cut Unhandled
140 mm - 12 Pcs**2-472**

2-303-14-0-0, 2-313-14-0-0, 2-309-14-0-0, 2-306-14-0-0

2-300-14-0-0

2-301-14-0-0

2-304-14-0-0

2-302-14-0-0

2-307-14-0-0

9-488-02-10



Needle File Set Smooth Cut Unhandled
140 mm - 12 Pcs**2-472-14-2-0**

2-303-14-2-0	
2-300-14-2-0	
2-301-14-2-0	
2-304-14-2-0	
2-302-14-2-0	
2-313-14-2-0, 2-306-14-2-0	
2-307-14-2-0	
2-308-14-2-0	
9-488-02-10	

Needle File Set Bastard Cut Unhandled
160 mm - 12 Pcs**2-472-16-0-0**

2-303-16-0-0	
2-300-16-0-0	
2-301-16-0-0	
2-304-16-0-0	
2-302-16-0-0	
2-313-16-0-0	
2-307-16-0-0	
2-306-16-0-0	
2-308-16-0-0	
9-488-02-10	

Needle File Set Second Cut Unhandled
160 mm - 12 Pcs**2-472-16-1-0**

2-312-16-1-0, 2-313-16-1-0, 2-309-16-1-0

2-300-16-1-0	
2-301-16-1-0	
2-302-16-1-0	
2-303-16-1-0	
2-304-16-1-0	
2-306-16-1-0	
2-307-16-1-0	
2-308-16-1-0	
2-309-16-2-0	
2-311-16-2-0	
2-313-16-2-0	
9-488-02-10	

Needle File Set Smooth Cut Unhandled
160 mm - 12 Pcs**2-472-16-2-0**

2-312-16-2-0

2-303-16-2-0	
2-300-16-2-0	
2-301-16-2-0	
2-311-16-2-0	
2-304-16-2-0	
2-302-16-2-0	
2-313-16-2-0	
2-307-16-2-0	
2-309-16-2-0	
2-306-16-2-0	
2-308-16-2-0	
9-488-02-10	

DIAMOND FILESDiamond Precision Needle Files
Unhandled**2-300-D - 2-304-D**

140 mm	10	2-300-14-D-1P
160 mm	10	2-300-16-D-1P
140 mm	1	2-301-14-D-1P
140 mm	10	2-302-14-D-1P
160 mm	10	2-302-16-D-1P
140 mm	10	2-303-14-D-1P
160 mm	1	2-303-16-D-1P
140 mm	10	2-304-14-D-1P
160 mm	10	2-304-16-D-1P

Diamond Precision Needle Files
Unhandled 140/160 mm**2-306-D - 2-308-D**

140 mm	1	2-306-14-D-1P
140 mm	10	2-307-14-D-1P
160 mm	10	2-307-16-D-1P
140 mm	1	2-308-14-D-1P

Diamond Precision Files Integrated handle

**5-600-D - 5-670-D**

215 mm	10	5-600-21-D-1P
215 mm	5	5-610-21-D-1P
215 mm	1	5-630-21-D-1P
215 mm	1	5-670-21-D-1P*

ACCESSORIES

Aluminum Holders for Pansar® 3-330 14" Flat Blade



9-462



350 mm



5 9-462-14-0-0*

Universal Handle for Needle Files



9-488-02



5 g



10 9-488-02-10

Plastic Handles for 8" Round Chainsaw Files



PH-6604



55 g
50 g



15 PH-6604-1P
25 PH-6604-25

File Cleaners with Steel Wire Card



9-467



130 mm



260 mm



1 9-467-00-0-0

Steel Wire File Cards with Wooden Handle



9-469



110 mm



240 mm



1 9-469-00-0-0

ERGO™ Round Shaped Handles for Small files - 10 Pcs Loose



ergo



9-484...10



3.2



3.2 mm



10 9-484-3.2-10

5.2

5.2 mm

10 9-484-5.2-10

ERGO™ Round Shaped Handles for Small files - 1 Pck Carded



ergo



9-484...1P



3.2



3.2 mm



10 9-484-3.2-1P

5.2

5.2 mm

10 9-484-5.2-1P

ERGO™ Oval Shaped Handles for Flat & Half-Round Files - 10 Pcs Loose



ergo



9-485...10



4



4 mm



10 9-485-04-10

5

5 mm

10 9-485-05-10

6

6 mm

10 9-485-06-10

9

9 mm

10 9-485-09-10

13

13 mm

10 9-485-13-10

ERGO™ Oval Shaped Handles for Flat & Half-Round Files - 1 Pck Carded



ergo



9-485...1P



4



4 mm



10 9-485-04-1P

5

5 mm

10 9-485-05-1P

6

6 mm

20 9-485-06-1P

9

9 mm

20 9-485-09-1P

13

13 mm

1 9-485-13-1P



ERGO™ Handles for Round Chainsaw
Files - 10 Pcs Loose



ergo®



9-486-C-10

3.2	3.2 mm	10	9-486-C-10

ERGO™ Round Shaped Handles for
Shaped Files - 10 Pcs Loose



ergo®



9-486...10

4	4 mm	10	9-486-04-10
5	5 mm	10	9-486-05-10
7	7 mm	10	9-486-07-10
8	8 mm	10	9-486-08-10

ERGO™ Handles for Round Chainsaw
Files - 1 Pck Carded



ergo®



9-486-C-1P

3.2	3.2 mm	10	9-486-C-1P

ERGO™ Round Shaped Handles for
Shaped Files - 1 Pck Carded



ergo®



9-486...1P

4	4 mm	20	9-486-04-1P
5	5 mm	20	9-486-05-1P
7	7 mm	20	9-486-07-1P



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