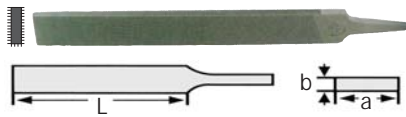


Engineers File - Hand Code: LHE

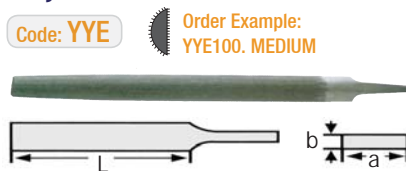


Coarse: For material removing and deburring.
Medium: For general purpose and levelling.
Fine: Precision filing and smoothing.

Order: Code. Cut Order Example: LHE150. COARSE

Code	Inch	Cut	a	b	L
LHE100	4"	Coarse	10	2.5	100
LHE150	6"		16	4.0	150
LHE200	8"	Medium	20	5.0	200
LHE250	10"		25	6.5	250
LHE300	12"	Fine	30	7.0	300

Engineers File - Half Round Code: YYE



Order Example: YYE100. MEDIUM

Code	Inch	Cut	a	b	L
YYE100	4"	Coarse	10	3.3	100
YYE150	6"		16	5.0	150
YYE200	8"	Medium	20	6.0	200
YYE250	10"		25	7.0	250
YYE300	12"	Fine	30	9.0	300

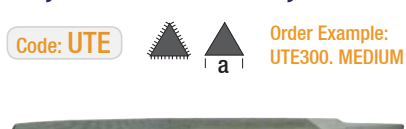
Engineers File - Round Code: YTE



Order Example: YTE250. FINE

Code	Inch	Cut	Ø	L
YTE100	4"	Coarse	Ø 4	100
YTE150	6"		Ø 6	150
YTE200	8"	Medium	Ø 8	200
YTE250	10"		Ø 10	250
YTE300	12"	Fine	Ø 12	300

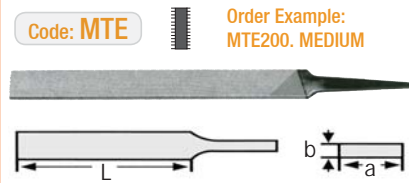
Engineers File - Triangular Code: UTE



Order Example: UTE300. MEDIUM

Code	Inch	Cut	a	L
UTE100	4"	Coarse	7	100
UTE150	6"		9	150
UTE200	8"	Medium	11	200
UTE250	10"		14	250
UTE300	12"	Fine	17	300

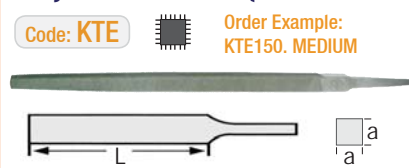
Engineers File - Mill Saw Code: MTE



Order Example: MTE200. MEDIUM

Code	Inch	Cut	a	b	L
MTE100	4"	Coarse	10	2.5	100
MTE150	6"		16	3.0	150
MTE200	8"	Medium	20	4.0	200
MTE250	10"		25	5.0	250
MTE300	12"	Fine	30	6.5	300

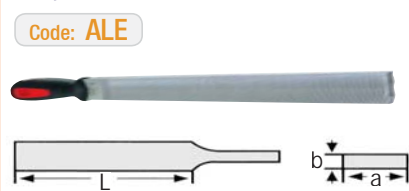
Engineers File - Square Code: KTE



Order Example: KTE150. MEDIUM

Code	Inch	Cut	a	L
KTE100	4"	Coarse	4	100
KTE150	6"		5	150
KTE200	8"	Medium	6	200
KTE250	10"		8	250
KTE300	12"	Fine	10	300

Engineers File - Aluminium Code: ALE



Order Example: ALE250. COARSE

Order Code	Inch	Cut	a	b	L
ALE250	10"	Coarse	25	6.0	250
ALE300	12"		30	6.5	300

Plastic Handle for Files "ESSE"



Order Code	Type	File	Inch
ESY04	[Red Circle]	[Triangle]	4"
ESY06		[Triangle]	6"
ESY08		[Triangle]	8"
ESY10		[Triangle]	10"
ESY12		[Triangle]	12"
ESD04	[Blue Circle]	[Half Round]	4"
ESD06		[Half Round]	6"
ESD08		[Half Round]	8"
ESD10		[Half Round]	10"
ESD12		[Half Round]	12"

Order Code	Product
ESSE	Handle for Needle Files

Steel Needle Files

It is ideal to work in the smallest surfaces, profiles and angles. It can be used with our without handles.

Steel Needle File - Hand Code: SLE

Order Code	Shank	a x b	L	Operation
SLE140	Ø	5.5 x 1.35	140	4-cut
SLE160	3	6.2 x 1.45	160	

Steel Needle File - Half Round Code: SYY

Order Code	Shank	a x b	L	Operation
SYY140	Ø	5.0 x 1.75	140	3-cut
SYY160	3	5.5 x 2.0	160	

Steel Needle File - Round Code: SYE

Order Code	Shank	a (tapered)	L	Operation
SYE140	Ø	1.1 - 2.8	140	all sides
SYE160	3	1.2 - 3.0	160	

Steel Needle File - Square Code: SKE

Order Code	Shank	a (tapered)	L	Operation
SKE140	Ø	1.3 - 2.5	140	4-cut
SKE160	3	1.4 - 2.7	160	

Steel Needle File - Triangular Code: SUE

Order Code	Shank	a (tapered)	L	Operation
SUE140	Ø	1.0 - 3.2	140	3-cut
SUE160	3	1.3 - 3.4	160	

File Cleaning Brushes



Order Code	Product
1737BA	294 mm / Soft Brass Wire
1737NX	270 mm / Steel Wire
1737	145 mm / Brass Wire