

# MISC.

The background of the page is a solid blue color. It features several faint, white, semi-transparent patterns. There are two large, thin white circles that overlap each other and other elements. There are also several gear-like shapes, some of which are partially obscured by the circles. At the bottom of the blue area, there is a pattern of small, white, vertical, elongated shapes that resemble the teeth of a file.

## **Miscellaneous**

- Tool Bits
- Files
- Tap Wrenches
- Black Books

# Misc. Tool Bits



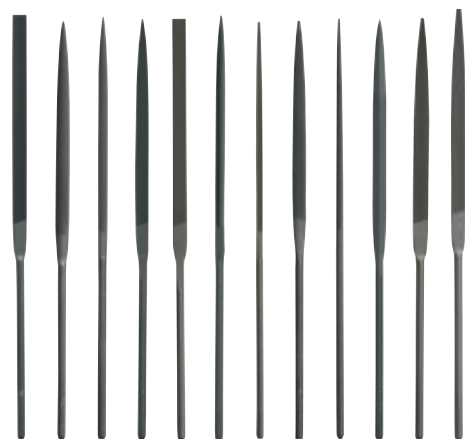
M2 HSS - Recommended for turning or machining of low-alloy and free-machining steels and most non-ferrous materials.  
 M42 CoHSS - Can withstand high cutting speeds  
 - Especially suited to production turning of high alloy steels and other materials  
 WKE45 CoHSS - Is an extra high alloy HSS having 3.4% vanadium, 11.0% Cobalt and 8.8% Tungsten. This material has high hardness, for machining difficult materials.



Discount Group		Z0802		Z0802		Z0802	
Material		M2 HSS		M42 CoHSS		WKE45 CoHSS	
Surface Finish		Brt		Brt		Brt	
Colour Ring & Application		-		-		-	
Geometry		Square		Square		Square	
Packaging & Quantity		5 (1>1/2)		5 (1>1/2)		5	
Size	Length	Price	Item #	Price	Item #	Price	Item #
3/16	2-1/2		121307		121055		
3/16	3				121062		
1/4*	2-1/2		121314		121079		349961
1/4	3				121086		
1/4*	4				121093		349978
5/16*	2-1/2		121321		121109		349985
5/16*	3				121116		350004
5/16*	4				121123		350011
3/8	3		121338		121130		
3/8	4				121147		
3/8	6				121154		
1/2	4		121345		121161		
1/2	6				121178		
5/8	4-1/2		121352		121185		
5/8*	6						350127
3/4	5				121192		
1	7				121208		

\* Not available once current stock is depleted (WKE45 CoHSS)





Discount Group	Z0404
Material	
Surface Finish	<b>Brt</b>
Colour Ring & Application	-
Geometry	-
Point Type	-
Shank Tolerance	-
Packaging & Quantity	12 (Box)

Shape	Code	Style	L <sub>1</sub>	Price	Item #
<b>With integrated, round handle</b>					
	T001	Pillar	160		708744
	T002	Half Round	160		708751
	T003	Crossing	160		708768
	T005	Knife Edge	160		708775
	T006	Warding	160		708782
	T007	Three Square	160		708799
	T008	Square	160		708805
	T009	Oval	160		708812
	T010	Round	160		708829
	T011	Barrett	160		708836
	T015	Crochet	160		708850
	T016	Pillar (Round edges)	160		708867

Needle File Sets	Contents:	Pieces	
T020	in plastic wallet 1 ea: T001 T002 T006 T007 T008 T0010	6	708959
T060	in plastic box 1 ea: T001 T002 T003 T005 T006 T007 T008 T009 T010 T011 T015 T016	12	708966



T020



T060



# Black Books

The ultimate engineers reference book...

Item # 057110

**\$38.10**

plus GST

Item # 434285

**\$45.40**

plus GST



Discount Group Z0502

A wealth of up-to-date, useful, information within the matt laminated greaseproof pages. Wire bound to stay flat on workbench when reading and is ideal for engineers, trades people, apprentices, machine shops, toolrooms, technical colleges.

## What's inside the Engineers Book

- Tables • Standards • Illustrations
- Grinding wheels • Conversion factors
- Tapers • Lubricants-coolants • Bolts & nuts
- Spur gear calculations • Tungsten carbide
- Plastics • Sharpening information
- Hardening & tempering • G Codes
- Geometrical construction • Weights of metal
- Engineering drawing standards • Tolerances
- Formulae • Keys & keyways • Tapping drill sizes
- Speeds & feeds • Equivalent charts

## What's inside the Fastener Book

- Screw thread fundamentals • Standards
- Heat treatment • Thread classes
- Grades • Materials & coatings
- Failures & corrosion • Thread terminology
- Fastener strengths & markings • Tolerances
- Hydrogen embrittlement
- Screw thread profiles
- Dimensional Specifications DIN / ISO / ANSI
- Galling • Material selection • Torque control
- Platings • Elevated temperature effects