

- Pilot Jets for Mikuni Carbs

How To Make Precision Pilot Jets

Everyone knows how sensitive an engine is to pilot jets in the acceleration stages from 1000 to 3500 rpm and getting fuel mixture right in this area is critical. For this reason jets have to be perfectly accurate in their marked size and incremental size steps. This year EBC Brakes sister company A-BAX Precision Engineering Ltd in the UK has purchased the most accurate machine on the planet for this work shown below. A-BAX Precision Engineering Ltd pilot jets are precise, clearly marked and reliably gauged using pin gauges, accurate to one tenth of a thousandth of an inch, you can rely on their accuracy.

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A-BAX Precision Engineering Ltd Pilot Jets for Mikuni Carbs (Sold in packs of 4)



Thread M5 x 0.8 Jet Style –

VM22/210

- 8 bleed hole type
- VM18 / VM22 / VM26-34 Flange Type
- VM26-44 Spigot Type
- TM24-38 (No accelerator pump)

1. Part Table

Size	Part #
10	EBC22/210-10
12.5	EBC22/210-12.5
15	EBC22/210-15
17.5	EBC22/210-17.5
20	EBC22/210-20
22.5	EBC22/210-22.5
25	EBC22/210-25
27.5	EBC22/210-27.5
30	EBC22/210-30
32.5	EBC22/210-32.5
35	EBC22/210-35
37.5	EBC22/210-37.5

Size	Part #
40	EBC22/210-40
42.5	EBC22/210-42.5
45	EBC22/210-45
47.5	EBC22/210-47.5
50	EBC22/210-50
52.5	EBC22/210-52.5
55	EBC22/210-55
57.5	EBC22/210-57.5
60	EBC22/210-60
65	EBC22/210-65
70	EBC22/210-70
75	EBC22/210-75
80	EBC22/210-80
85	EBC22/210-85
90	EBC22/210-90
95	EBC22/210-95
100	EBC22/210-100
105	EBC22/210-105
110	EBC22/210-110
120	EBC22/210-120
130	EBC22/210-130
140	EBC22/210-140



Thread M4

Jet Style – N224.103

- 2.5mm bleed end
- Early TMS/TMX
- OEM MX36/38 BSR CV type
- Honda / Kawasaki / Suzuki / Yamaha

1. Part Table

Size	Part #
10	EBC224-10
12.5	EBC224-12.5
15	EBC224-15
17.5	EBC224-17.5
20	EBC224-20
22.5	EBC224-22.5
25	EBC224-25
27.5	EBC224-27.5
30	EBC224-30
32.5	EBC224-32.5
35	EBC224-35
37.5	EBC224-37.5
40	EBC224-40
42.5	EBC224-42.5
45	EBC224-45
47.5	EBC224-47.5
50	EBC224-50
52.5	EBC224-52.5
55	EBC224-55
57.5	EBC224-57.5
60	EBC224-60
62.5	EBC224-62.5
65	EBC224-65
67.5	EBC224-67.5
70	EBC224-70



Thread M5 x 0.8 Jet Style – N151.067

- No bleed holes
- Later OEM BS range CV carbs
- Kawasaki / Suzuki / Yamaha

1. Part Table

Size	Part #
30	EBC151-30
32.5	EBC151-32.5
35	EBC151-35
37.5	EBC151-37.5
40	EBC151-40
42.5	EBC151-42.5
45	EBC151-45
47.5	EBC151-47.5
50	EBC151-50
52.5	EBC151-52.5
55	EBC151-55
57.5	EBC151-57.5
60	EBC151-60



Thread M5 x 0.8 Jet Style –

BS30/96

- 6 bleed hole type
- Various OEM BS range CV carbs
- Kawasaki / Suzuki / Yamaha

1. Part Table

Size	Part #
30	EBC30/96-30
32.5	EBC30/96-32.5
35	EBC30/96-35
37.5	EBC30/96-37.5
40	EBC30/96-40
42.5	EBC30/96-42.5
45	EBC30/96-45
47.5	EBC30/96-47.5

Size	Part #
50	EBC30/96-50
52.5	EBC30/96-52.5
55	EBC30/96-55
57.5	EBC30/96-57.5
60	EBC30/96-60



Thread M4

Jet Style – M28/1001

- Yamaha P/No. 260-14142-Size
- Blaster/Banshee/LC

1. Part Table

Size	Part #
15	EBC1001-15
17.5	EBC1001-17.5
20	EBC1001-20
22.5	EBC1001-22.5
25	EBC1001-25
27.5	EBC1001-27.5
30	EBC1001-30
32.5	EBC1001-32.5
35	EBC1001-35
37.5	EBC1001-37.5
40	EBC1001-40
42.5	EBC1001-42.5
45	EBC1001-45
47.5	EBC1001-47.5
50	EBC1001-50
52.5	EBC1001-52.5
55	EBC1001-55
57.5	EBC1001-57.5
60	EBC1001-60

Size	Part #
62.5	EBC1001-62.5
65	EBC1001-65
67.5	EBC1001-67.5
70	EBC1001-70



Thread M4

Jet Style – VM28/486

- 2mm bleed hole type
- HS40 / HSR42 / 45 / 48 / RS34-40
- TM33 / 36 / 40 with accelerator pump
- Kawasaki / Suzuki / Yamaha

1. Part Table

Size	Part #
10	EBC28/486-10
12.5	EBC28/486-12.5
15	EBC28/486-15
17.5	EBC28/486-17.5
20	EBC28/486-20
22.5	EBC28/486-22.5
25	EBC28/486-25
27.5	EBC28/486-27.5
30	EBC28/486-30
32.5	EBC28/486-32.5
35	EBC28/486-35
37.5	EBC28/486-37.5
40	EBC28/486-40
42.5	EBC28/486-42.5
45	EBC28/486-45
47.5	EBC28/486-47.5
50	EBC28/486-50

Size	Part #
52.5	EBC28/486-52.5
55	EBC28/486-55
57.5	EBC28/486-57.5
60	EBC28/486-60
62.5	EBC28/486-62.5
65	EBC28/486-65
67.5	EBC28/486-67.5
70	EBC28/486-70

Pilot Jets for Keihin Carbs

A-BAX Precision Engineering Ltd Pilot Jets for Keihin Carbs (Sold in packs of 4)



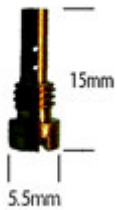
Jet Style – N424-21

- Pilot / Slow Running Jet
- PB16 / 18 / 20
- Yamaha R6 99-07
- Various Kawasaki / Suzuki Quads

1. Part Table

Size	Part #
35	EBC424-21-35
38	EBC424-21-38
40	EBC424-21-40
42	EBC424-21-42
45	EBC424-21-45
48	EBC424-21-48
50	EBC424-21-50
52	EBC424-21-52

Size	Part #
55	EBC424-21-55
58	EBC424-21-58
60	EBC424-21-60
62	EBC424-21-62
65	EBC424-21-65
68	EBC424-21-68
70	EBC424-21-70
72	EBC424-21-72
75	EBC424-21-75
78	EBC424-21-78
80	EBC424-21-80



Thread M4 Jet Style –

N424-25

- Pilot / Slow Running Jet
- FCR 28 / 32 / 33 / 35 / 37 / 39 / 41mm
- Harley D Keihin BH (Non CV Type)
- Various Kawasaki / Yamaha Models with CVK / FCR / BD style carbs

1. Part Table

Size	Part #
35	EBC424-25-35
38	EBC424-25-38
40	EBC424-25-40
42	EBC424-25-42
45	EBC424-25-45
48	EBC424-25-48
50	EBC424-25-50
52	EBC424-25-52
55	EBC424-25-55
58	EBC424-25-58
60	EBC424-25-60

Size	Part #
62	EBC424-25-62
65	EBC424-25-65

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Dealer Pilot Jet Selection Kits (Kits include one pilot jet per size)



Kit No.	Carb Model	Jet Style	Qty Jets in Kit	Sizes
KPJK-01	Keihin	N424-21	19	35-80
KPJK-02	Keihin	N424-25B	13	35-65
MPJK-01	Mikuni	VM22/210	34	10-140
MPJK-02	Mikuni	N224.103	25	Oct-70
MPJK-03	Mikuni	N151.067	13	30-60
MPJK-04	Mikuni	BS30/96	13	30-60
MPJK-05	Mikuni	M28/486	25	Oct-70

Precision machined in the UK A-BAX Precision Engineering Ltd Dealer selection kits include all the popular sizes for the better selling pilot jets and refills can be purchased from your distributor in packets of four.

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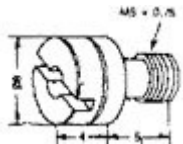
Main Jets for Carburetors

A-BAX Precision Engineering Ltd MAINJETS

Made in the UK, these high precision BRASS carburettor jets are available in dealer selection kits or in top-up packs of 5 jets or 4 jets. All jets are flow calibrated and extremely accurate in terms of fuel flow rate as stamped.

DEALER SELECTION KITS.

KIT TYPE	PART#	CONTENTS
Mikuni Slot	SJK 36	4pcs each jet sizes 72.5 thru 160 144 Jets
Mikuni Hex	HJK 36	2pcs each jet sizes 70 thru 420 72 Jets
Mikuni Hex	HJK 27BA	2pcs each jet sizes 70 thru 230 54 Jets
Keihin Slot (USA Only)	KJK 30	4pcs each jet sizes 80 thru 190 132 Jets
Keihin Slot	KJK 36	4pcs each jet sizes 70 thru 120 144 Jets
Keihin Hex	CRK 30	2pcs each jet sizes 80 thru 225 60 Jets
Keihin Hex	CRK 32A	2pcs each jet sizes 80 thru 158 64 Jets



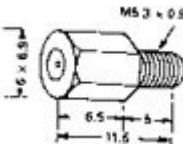
A-BAX Slot Jets

for Mikuni



(N 100/604)

SJ Prefix



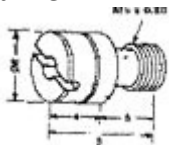
A-BAX Hex Jets

for Mikuni



(4/042)

HJ Prefix



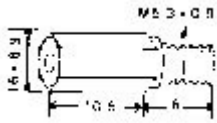
A-BAX Slot Jets

for Keihin



(N102 221)

KJ Prefix



A-BAX Hex Jets

for Keihin



(357)

CR Prefix



A-BAX Slot Jets

for Dell 'Orto



(6413)

DO Prefix

1. Part Table

Sizes Available	Sizes Available	Sizes Available	Sizes Available	Sizes Available
SJ72.5	HJ70	KJ72.5	CR80	DO70
SJ75	HJ80	KJ75	CR82	DO75
SJ77.5	HJ90	KJ77.5	CR85	DO80
SJ80	HJ100	KJ80	CR88	DO85
SJ82.5	HJ105	KJ82.5	CR90	DO90
SJ85	HJ110	KJ85	CR92	DO95
SJ87.5	HJ115	KJ87.5	CR95	DO100
SJ90	HJ120	KJ90	CR98	DO105
SJ92.5	HJ125	KJ92.5	CR100	DO110
SJ95	HJ130	KJ95	CR102	DO115
SJ97.5	HJ135	KJ97.5	CR105	DO120
SJ100	HJ140	KJ100	CR108	DO125
SJ102.5	HJ145	KJ102.5	CR110	DO130
SJ105	HJ150	KJ105	CR112	DO135
SJ107.5	HJ155	KJ107.5	CR115	DO140
SJ110	HJ160	KJ110	CR118	DO145

Sizes Available	Sizes Available	Sizes Available	Sizes Available	Sizes Available
SJ112.5	HJ165	KJ112.5	CR120	DO150
SJ115	HJ170	KJ115	CR122	DO155
SJ117.5	HJ175	KJ117.5	CR125	DO160
SJ120	HJ180	KJ120	CR128	DO165
SJ122.5	HJ185	KJ122.5	CR130	DO170
SJ125	HJ190	KJ125	CR132	DO175
SJ127.5	HJ195	KJ127.5	CR135	DO180
SJ130	HJ200	KJ130	CR138	DO185
SJ132.5	HJ210	KJ132.5	CR140	DO190
SJ135	HJ220	KJ135	CR142	DO195
SJ137.5	HJ230	KJ137.5	CR145	DO200
SJ140	HJ240	KJ140	CR148	
SJ142.5	HJ250	KJ142.5	CR150	
SJ145	HJ260	KJ145	CR152	
SJ147.5	HJ270	KJ147.5	CR155	
SJ150	HJ280	KJ150	CR158	
SJ152.5	HJ290	KJ152.5	CR160	
SJ155	HJ300	KJ160	CR162	
SJ157.5	HJ310	KJ170	CR165	
SJ160	HJ320	KJ190	CR168	
SJ170	HJ330		CR170	
	HJ340		CR172	
	HJ350		CR175	
	HJ360		CR178	
	HJ370		CR180	
	HJ380		CR182	
	HJ390		CR185	
	HJ400		CR188	
	HJ410		CR190	
	HJ420		CR192	
	HJ430		CR195	
	HJ440		CR198	
	HJ450		CR200	
	HJ460		CR202	
	HJ470		CR205	
	HJ480		CR208	
	HJ490		CR210	
	HJ500		CR212	
	HJ510		CR215	
	HJ520		CR218	

Sizes Available Sizes Available Sizes Available Sizes Available Sizes Available

HJ530	CR220
HJ540	CR222
HJ550	CR225
HJ560	CR228
HJ570	CR230
HJ580	CR232
HJ590	CR235
HJ600	CR238
HJ610	
HJ620	
HJ630	
HJ640	
HJ650	
HJ660	
HJ670	
HJ680	
HJ690	

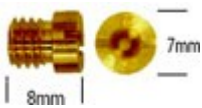
NOTE: The names Mikuni & Keihin are for description purposes only. These are NOT original Mikuni or Keihin jets, simply a high quality replacement.

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PART NO – HDJK-12

1. Parts Table

A-BAX Precision Engineering Ltd brass main jets for Keihin CVH carburettors, used on most big twins. Sold in packets of 2 pieces and in dealer assortment kits of 12 sizes (2 pieces each size).



A-BAX Slot Jets for Harley Davidson



(424-27)

HDJK Prefix

