

HAND HACKSAW BLADES

Plus 30 Flexible BiMetal HSS

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AA3025G	250 x 12.5 x 0.63	10 x ½ x 0.025	18	4	100	1.63
AA3026E	250 x 12.5 x 0.63	10 x ½ x 0.025	24	4	100	1.63
AA3027V	250 x 12.5 x 0.63	10 x ½ x 0.025	32	4	100	1.63
AA3045E	300 x 12.5 x 0.63	12 x ½ x 0.025	18	4	100	1.90
AA3046V	300 x 12.5 x 0.63	12 x ½ x 0.025	24	4	100	1.90
AA3047R	300 x 12.5 x 0.63	12 x ½ x 0.025	32	4	100	1.90

Plus 30 All Hard HSS

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AE3025W	250 x 12.5 x 0.63	10 x ½ x 0.025	18	4	100	1.63
AE3026B	250 x 12.5 x 0.63	10 x ½ x 0.025	24	4	100	1.63
AE3044W	300 x 12.5 x 0.63	12 x ½ x 0.025	14	4	100	1.90
AE3045B	300 x 12.5 x 0.63	12 x ½ x 0.025	18	4	100	1.90
AE3046X	300 x 12.5 x 0.63	12 x ½ x 0.025	24	4	100	1.90
AE3047K	300 x 12.5 x 0.63	12 x ½ x 0.025	32	4	100	1.90

Flexible BiMetal HSS

	mm	inches		per dia. Sizo 25mm mm		Weight (kg)
AA45E	300 x 12.5 x 0.63	12 x ½ x 0.025	18	4	100	1.90
AA46V	300 x 12.5 x 0.63	12 x ½ x 0.025	24	4	100	1.90
AA47R	300 x 12.5 x 0.63	12 x ½ x 0.025	32	4	100	1.90



A virtually unbreakable bimetal blade for superb cutting performance, wear resistance and safety.

The combination of an M2 High Speed ground cutting edge, electron-beam welded to a flexible alloy back gives a level of cutting power and flexibility that is far superior to edge hardened or conventional flexible blades.

The unique ground tooth profile of the Plus 30 blade produces a faster and more aggressive cutting action that requires less effort and is more efficient than a strandard blade.

Cuts through all types of metals including alloy and stainless steels.

- 30% MORE CUTTING POWER
- SHARPER FIRST CUT
- LONGER LIFE

• ECLIPSEP Jus 30

A rigid, All Hard ground blade for highly accurate cutting and long life.

The All Hard blade is manufactured entirely from top quality M2 High Speed Steel and each blade is precisely hardened throughout its entire width to give a strong, rigid back, thus ensuring a perfectly straight cut time after time.

For the best performance from All Hard blades, the workpiece should be securely held in a clamp or vice to prevent shattering of the blade and safety goggles should be worn.

The unique ground tooth profile of the Plus 30 blade produces a faster and more aggressive cutting action that requires less effort and is more efficient than a standard blade.

- 30% MORE CUTTING POWER
- SHARPER FIRST CUT
- LONGER LIFE

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ECLIPSE	CAT. No. AA46V Nell Tools Ltd www.eclipse-tools.com

Cuts through all types of metals including alloys and stainless steels.

A virtually unbreakable bimetal blade for superb cutting performance, wear resistance and safety.

The combination of an M2 High Speed cutting edge and electron-beam welded to a flexible alloy back gives a level of cutting power and flexibility that is far superior to edge hardened or conventional flexible blades

Cuts through all types of metals including alloy and stainless steels.

- HIGH PERFORMANCE
- SHATTERPROOF BLADE

All Hard HSS

Part No	Blade Size mm	Blade Size inches		PIN dia. mm	Pack Size	Pack Weight (kg)
AE44W	300x12.5x0.63	12 x ½ x 0.025	14	4	100	1.90
AE45B	300x12.5x0.63	12 x ½ x 0.025	18	4	100	1.90
AE46X	300x12.5x0.63	12 x ½ x 0.025	24	4	100	1.90
AE47K	300x12.5x0.63	12 x ½ x 0.025	32	4	100	1.90

Flexible Shatterproof HSS

Part No	mm	inches		dia.	Size	Weight (kg)	
AS45A	300x12.5x0.63	12x ½ x 0.025	18	4	100	1.80	
AS46D	300x12.5x0.63	12x ½ x 0.025	24	4	100	1.80	
AS47P	300x12.5x0.63	12x ½ x 0.025	32	4	100	1.80	

Flexible Silicon Shatterproof

Part No	Blade Size mm	Size Blade Size inches		PIN dia. mm	Pack Size	Pack Weight (kg)
AM25L	250x12.5x0.63	10 x ½ x 0.025	18	4	100	1.60
AM26W	250x12.5x0.63	10 x ½ x 0.025	24	4	100	1.60
AM44L	300x12.5x0.63	12 x ½ x 0.025	14	4	100	1.80
AM45W	300x12.5x0.63	12 x ½ x 0.025	18	4	100	1.80
AM46B	300x12.5x0.63	12 x ½ x 0.025	24	4	100	1.80
AM47X	300x12.5x0.63	12 x ½ x 0.025	32	4	100	1.80



A rigid, All Hard blade for highly accurate cutting and long life.

Manufactured entirely from top quality High Speed Steel, each blade is precisely hardened throughout its entire width to give a strong, rigid back, ensuring a perfectly straight cut time after time.

For the best performance from All Hard blades the workpiece should be securely held in a clamp or vice to prevent shattering of the blade and safety goggles should be worn.

Cuts through all types of metals including alloy and stainless steels.

- ACCURATE CUTTING
- LONG LIFE



A virtually unbreakable, edge hardened blade, which offers flexibility and safety but less wear resistance than an All Hard or bimetal blade.

- EDGE HARDENED
- SHATTERPROOF BLADE
- LONGER LIFE

1		-	CAT	No. AM47X	
	ECLI	PSE			

A virtually unbreakable blade suitable for DIY use. Manufactured from low alloy silicon steel, this blade is ideal for general purpose sawing of mild steel, brass, aluminium, copper and other soft metals.

• GENERAL PURPOSE

• SHATTERPROOF BLADE



Tubes of 10 blades see page 9



HAND HACKSAW BLADES

HAND BLADE TOOTH PITCH SELECTION

To select the hacksaw blade with the correct number of teeth for the task, consider the following elements:

- How thick is the material to be cut? For thin sections, the highest number of teeth should be used and vice versa for thicker sections.
- What type of material is to be cut?

The table opposite is a guide to tooth pitch selection for different materials and various thicknesses.





POWER HACKSAW BLADES

The comprehensive range of **ECLIPSE** Power Hacksaw Blades will suit virtually all popular sawing machines including the Kasto range. The continuous development of our range has improved the long-term sharpness of the blades. To reflect this advance the blades are now known as 'Super Hardened'. There is a choice of All Hard HSS or Bimetal HSS blades with a wide range of sizes and tooth pitch to cater for all varieties of materials and thicknesses.

ALL HARD HSS

Manufactured entirely from top quality M2 High Speed Steel and hardened throughout, these blades are capable of cutting even the most difficult materials with great accuracy and combine consistent high performance with long life. This range also includes light power blades of 16mm (5/8") width.

BI METAL HSS

Manufactured from M2 High Speed Steel, electron beam welded to a spring steel back, these bimetal blades are able to withstand heavy feed pressures, giving economical, high cutting rates. Because these blades are virtually unbreakable in normal use, they are particularly safe and therefore suitable for use by unskilled operators or on older machines. They will cut through most types of material including alloy and stainless steels.

TOOTH FORM

All Eclipse power blades feature a regular tooth form with a full, round and smooth gullet which is ideal for use on all ferrous metals and for general purpose cutting.

TOOTH SET

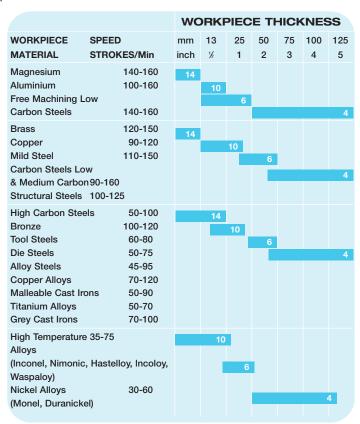
All Eclipse power blades are either raker set or wavy set dependent on tooth size and blade thickness. Wavy set helps eliminate tooth stripping when sawing thin sections such as tubing and pipe, whilst raker set is ideal for the majority of other sawing tasks.

APPROVALS AND SPECIFICATION

 All Eclipse power blades are manufactured to BSEN ISO 9001: 2008 quality assurance standard

POWER BLADE TOOTH PITCH SELECTION

■ The table on the right is a guide to tooth pitch selection for different materials and various thicknesses. Also included are suggested running speeds and strokes per minute. For thinner workpieces select the faster blade speed and for thicker pieces select the slower speed.





POWER HACKSAW BLADES



ALL HARD HSS

Manufactured entirely from top quality M2 High Speed Steel and hardened throughout, these blades are capable of cutting even the most difficult metals with great accuracy and combine consistent high performance with long life. This range also includes light power blades of 16mm (58") width.

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AE144N	300 x 16 x 0.80	12 x %x 0.032	14	5	50	1.60
AE145L	300 x 16 x 0.80	12 x 1/2 x 0.032	18	5	50	1.60
AE146W	300 x 16 x 0.80	12 x %x 0.032	24	5	50	1.60
AE203V	300 x 25 x 1.25	12 x 1 x 0.050	10	8.2	10	0.79
AE204R	300 x 25 x 1.25	12 x 1 x 0.050	14	8.2	10	0.79
AE222B	350 x 25 x 1.25	14 x 1 x 0.050	6	8.2	10	0.94
AE223R	350 x 25 x 1.25	14 x 1 x 0.050	10	8.2	10	0.94
AE224H	350 x 25 x 1.25	14 x 1 x 0.050	14	8.2	10	0.94
AE342E	350 x 32 x 1.60	14 x 1½ x 0.062	6	8.2	10	1.50
AE343V	350 x 32 x 1.60	14 x 1¼ x 0.062	10	8.2	10	1.50
AE344R	350 x 32 x 1.60	14 x 1¼ x 0.062	14	8.2	10	1.50
AE452W	350 x 38 x 2.00	14 x 1½ x 0.075	6	8.2	10	1.06
AE243H	400 x 25 x 1.25	16 x1 x 0.050	10	8.2	10	1.06
AE244M	400 x 25 x 1.25	16 x 1 x 0.050	14	8.2	10	1.06
AE352X	400 x 32 x 1.60	16 x 1¼x 0.062	6	8.2	10	1.72
AE352X AE353K	400 x 32 x 1.60	16 x 1¼x 0.062	10	8.2	10	1.72
AE354C	400 x 32 x 1.60	16 x 1¼x 0.062	14	8.2	10	1.72
AE462G	400 x 38 x 2.00	16 x 1½ x 0.075	6	8.2	10	2.50
AE263M	425 x 25 x 1.25	17 x 1 x 0.050	10	8.2	10	1.12
AE362V	425 x 32 x 1.60	17 x 1¼x 0.062	6	8.2	10	1.80
AE363R	425 x 32 x 1.60	17 x 1¼x 0.062	10	8.2	10	1.80
AE372K	450 x 32 x 1.60	18 x 1¼ x 0.062	6	10.2	10	1.88
AE373C	450 x 32 x 1.60	18 x 1¼ x 0.062	10	10.2	10	1.88
AE471W	450 x 38 x 2.00	18 x 1½ x 0.075	4	10.2	10	2.68
AE472B	450 x 38 x 2.00	18 x 1½ x 0.075	6	10.2	10	2.68
AE512M	450 x 45 x 2.25	18 x 1¾ x 0.088	6	10.2	10	3.90
AE522A	475 x 45 x 2.25	19 x 1¾ x 0.088	6	10.2	10	3.95
AE482E	500 x 38 x 2.00	20 x 1½x 0.075	6	10.2	10	3.00
AE492X	525 x 38 x 2.00	21 x 1½x 0.075	6	10.2	10	3.30
AE493K	525 x 38 x 2.00	21 x 1½x 0.075	10	10.2	10	3.30
AE541A	525 x 45 x 2.25	21 x 1¾ x 0.088	4	10.2	10	4.30
AE542D	525 x 45 x 2.25	21 x 1¾ x 0.088	6	10.2	10	4.30
AE622C	550 x 50 x 2.50	22 x 2 x 0.100	6	12.5	10	5.60
AE631R	575 x 50 x 2.50	23 x 2 x 0.100	4	12.5	10	5.93
AE632H	575 x 50 x 2.50	23 x 2 x 0.100	6	12.5	10	5.93
AE562P	600 x 45 x 2.25	24 x 1¾ x 0.088	6	12.5	10	4.90
AE641C	600 x 50 x2.50	24 x 2 x 0.100	4	12.5	10	6.40
AE642J	600 x 50 x2.50	24 x 2 x 0.100 24 x 2 x 0.100	6	12.5	10	6.40
AE651H	650 x 50 x 2.50	26 x 2 x 0.100	4	12.5	10	6.96
AE652M	650 x 50 x 2.50	26 x 2 x 0.100	6	12.5	10	6.96
AE662A	700 x 50 x 2.50	28 x 2 x 0.100	6	12.5	10	7.35
AE691F	750 x 63 x 2.50	30 x 2½ x 0.100	4	12.5	10	10.08
CHITARIFE	OD LICE WITH WA	STO HACKSAWING	MACHINEC			
AE972G	450 x 38 x 2.00	18 x 1½ x 0.075	10	8.5	10	2.80
AE982B	575 x 50 x 2.50	23 x 2 x 0.100	4	10.5	10	5.96
AE983X	575 x 50 x 2.50	23 x 2 x 0.100	6	10.5	10	5.96
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ALL HARD HIGH SPEED STEEL	14 - 1% - 0.062

BiMetal High Speed Steel

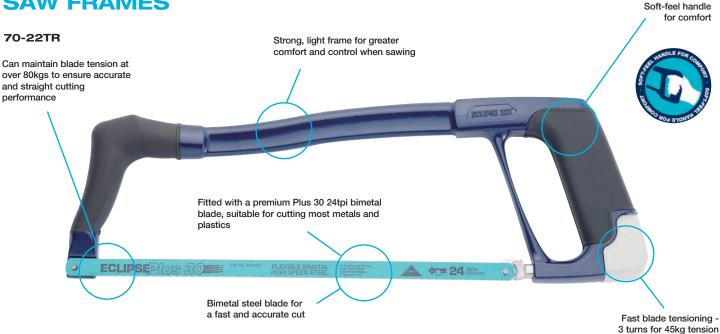
Manufactured from High Speed Steel, electron beam welded to a spring steel back, these bimetal blades are able to withstand heavy feed pressures, giving economical, high cutting rates. Because these blades are virtually unbreakable in normal use, they are particularly safe and therefore suitable for use by unskilled operators or on older machines. They will cut through most types of metals including alloy and stainless steels.

Part No	Blade Size mm	Blade Size inches			Pack Size	Pack Weight (kg)
AA203K	300 x 25 x 1.25	12 x 1 x 0.050	10	8.2	10	1.03
AA204C	300 x 25 x 1.25	12 x 1 x 0.050	14	8.2	10	1.03
AA223C	350 x 25 x 1.25	14 x 1 x 0.050	10	8.2	10	1.16
AA224J	350 x 25 x 1.25	14 x 1 x 0.050	14	8.2	10	1.16
AA342X	350 x 32 x 1.60	14 x 1½x 0.062	6	8.2	10	1.56
AA343K	350 x 32 x 1.60	14 x 1½x 0.062	10	8.2	10	1.56
AA352V	400 x 32 x 1.60	16 x 1½x 0.062	6	8.2	10	1.78
AA353R	400 x 32 x 1.60	16 x 1¼x 0.062	10	8.2	10	1.78
AA462B	400 x 38 x 2.00	16 x 1½x 0.075	6	8.2	10	2.68
AA463X	400 x 38 x 2.00	16 x 1½x 0.075	10	8.2	10	2.68
AA372R	450 x 32 x 1.60	18 x 1½x 0.062	6	10.2	10	1.96
AA373H	450 x 32 x 1.60	18 x 1½x 0.062	10	10.2	10	1.96
AA472E	450 x 38 x 2.00	18 x 1½ x 0.075	6	10.2	10	3.02
AA473V	450 x 38 x 2.00	18 x 1½ x 0.075	10	10.2	10	3.02
AA482X	500 x 38 x 2.00	20 x 1½x 0.075	6	10.2	10	3.35
AA492V	525 x 38 x 2.00	21 x 1½x 0.075	6	10.2	10	3.52









SAW FRAMES

70-22TR				70-2	70-20TR/20TND				70-2	70-20TSF							
Code	Description	Length	-	Packs er outer	Box Weight (Kg)	Code	Description	Length		Packs per outer	Box Weight (Kg)	Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-22TR	Hacksaw SF	400mm(16")	132mm(5.1") 5	3.6	70-20TR 20TND*	Prof. Hacksaw Prof. Hacksaw	465mm(18½" 465mm(18½"			3.85 14.75	70-20TSF	Professional SF	460mm(18 ³ /	ś") 127mm(5	;") 5	2.5







6 turns for 85kgs tension

The new 22T has soft-feel handle, Epoxy coated moulded section steel frame and comes complete with an ECLIPSE +30 bimetal blade

The world famous, best selling hacksaw featuring a die cast handle, tubular frame complete with an **ECLIPSE** bimetal blade. The 20T has set the standard for all other makes - but the best is still the original 20T from ECLIPSE

* Hacksaws without Plus 30 blades are only available in selected non U.K. markets

The world famous, best selling hacksaw featuring a die cast handle, tubular frame complete with an **ECLIPSE** +30 bimetal blade, but with the added comfort of a soft-feel handle

18TND*	Hacksaw	443mm(17½")	132mm(5½")	10	4.
			0		
				100	



430mm (16% ") 132mm(51/4")



120mm(4½")

120mm(4½")

485mm(19")

485mm(19")

Tremendous value for money without compromising on the strength and lightness synonymous with the **ECLIPSE** brand. Comes complete with an **ECLIPSE** bimetal blade

* Hacksaws without Plus 30 blades are only available in selected non U.K. markets

A lightweight, economical hacksaw with a strong, box section tubular steel frame and a comfortable and durable cast aluminium handle. In addition, the extra long location pin gives increased security of the tensioning bit. Comes complete with an **ECLIPSE** bimetal blade

cksaws without Plus 30 blades are only available in selected non U.K. markets

A traditional pistol grip hacksaw with diecast handle, solid frame and an **ECLIPSE** bimetal blade

40PG30 Includes a Plus30 blade 40PG Includes a Standard blade

40PG30/40PG

Pistol Grin

Pistol Grip

40PG30

40PG

Packs

16TND*

eight (Kg)

3.50

3.50



SAW FRAMES

70-400R/400ND							
Code	Description	Length	Height po	Packs er outer	Box Weight (Kg)		
70-400R	Handyman	400mm(15½")	130mm(5")	5	2.5		
400ND*	Handyman	400mm(15½")	130mm(5")	20	9.20		



A budget hacksaw with tubular steel frame and plastic handle supplied with an **ECLIPSE** flexible silicon steel blade

* Hacksaws without Plus 30 blades are only available in selected non U.K. markets

Code	Description	Length	Height p	Packs er outer	Box Weight (Kg)
70 C7ED	Mini Cour	050(10)	100mm/4"\	-	1.00



A more substantial version of the Junior hacksaw with plastic moulded pistol grip handle, steel frame and **ECLIPSE** blade. Blade tensioning device incorporated in the handle

70-1	7011				
Code	Description	Length	Height	Packs per outer	Box Weight (Kg)

260mm(10½") 67mm(2½")

0.70

70-14JR



The best selling Junior Hacksaw with an epoxy coated steel frame and **ECLIPSE** metal cutting blade

70-130R

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-130R	Pad Saw	276mm(10 ⁷ / ₈ ")	-	5	1.40



Padsaw for sawing in confined places, e.g. when cutting out keyholes or letter boxes. Diecast handle supplied with 2 blades, one for wood cutting and one for metal. The handle can hold the blade in one of two positions for maximum flexibility in use



72-00Ah						
Code	Description	Length	Height	Packs per outer	Box Weight (Kg)	



General purpose saw for cutting through wood, plastics and soft metals (such as nails). Polyester coated blade and diecast 9 position handle to enable cutting in difficult positions

70-CP1R

Code	Description	Length		Packs outer	Box Weight (Kg)
70-CP1R	Coping	315mm(12¾")	130mm(5½")	5	1.50



	-					
Code	Description	Length	Height	Packs per outer	Box Weight (Kg)	
PS51	Piercing Saw	292mm(11 ¹	½") 95mm(3 ³ / ₂	(") 5	0.90	





Coping saw for cutting and shaping in wood. Comfortable wooden handle and steel frame. Blades can be positioned at any angle to the frame



Piercing saw for use in fine metal work such as jewellery and dentistry. Comfortable wooden handle and steel frame. Includes 32tpi blade



Fretsaw for fine cutting work in thin materials such as wood, bone, plastics, etc - ideal for model makers. Comfortable wooden handle and steel frame

70-CP1RSF - Soft feel handle

Code	Description	Length	Height I	Packs per outer	Box Weight (Kg)
70-CD15	OSE Coping Saw SE	217mm/12 ³ 6"\	120mm/5 ¹ /	(") 5	1 50



Coping saw for cutting and shaping in wood, with a soft-feel handle for extra comfort and steel frame. Blades can be positioned at any angle to the frame



70-FS1RSF - Soft feel handle

Code	Description	Length	Height p	Packs er outer	Box Weight (Kg)
70-FS1R	Fret	270mm(10 ⁵ / ₆ ") 300mm(11 ⁷ /	§") 5	2.05



Fretsaw for fine cutting work in thin materials such as wood, bone, plastics, etc - ideal for model makers. Comfortable soft feel handle and steel frame



SMALL SAW BLADES

Part No	Description	Length	Teeth per 25mm	No. of blades in pack	Pack Size	Box Weight (kg)
71-418R	Bimetal blades	300mm (12")	18	2	10	-
71-424R	Bimetal blades	300mm (12")	24	2	10	-
71-432R	Bimetal blades	300mm (12")	32	2	10	-
1 71-624R	Triple pack of Hacksaw Blades		-	-	10	0.9
	- Bimetal blades	300mm (12")	18	1	-	-
	- Bimetal blades	300mm (12")	24	1	-	-
	- Bimetal blades	300mm (12")	32	1	-	-
71-224R	Silicon blades	300mm (12")	24	5	10	-
2 71-132R	Junior blades	150mm (6")	32	10	10	-
71-114R	Junior-wood	150mm (6")	14	10	10	-
71-230R	Padsaw blades					
	- wood	254mm (10")	10	1	10	-
	- metal	203mm (8")	24	1	10	-
71-CP7R	Coping Saw blades	165mm (6½")	14	10	10	-
71-CP24R	Coping Saw blades	165mm (6½")	24	10	10	-
71-FS5R	Fretsaw blades	125mm (5")	18	10	10	-
73-66SR	GP saw spare blade	375mm (15¾")	10	1	10	-
FS32	Fretsaw Blades	125mm (5")	32	100	1	0.30
FS22	Fretsaw Blades	125mm (5")	22	100	1	0.30
FS18	Fretsaw Blades	125mm (5")	18	100	1	0.30
FS16	Fretsaw Blades	125mm (5")	16	100	1	0.30
PS80	Piercing Saw Blades	125mm (5")	80	100	1	0.20
PS60	Piercing Saw Blades	125mm (5")	60	100	1	0.20
PS52	Piercing Saw Blades	125mm (5")	52	100	1	0.20
PS44	Piercing Saw Blades	125mm (5")	44	100	1	0.20
PS32	Piercing Saw Blades	125mm (5")	32	100	1	0.20





















Plus30 Blades -Tubes of 10

	Part No	Blade Size inches	Blade Size	Teeth dia.	PIN Size	Pack Weight	Pack Size
		ilicites	25mm	mm	3126	(kg)	3126
	+30BM18TUBE	300 x 12.5 x 0.63	12 x ½ x 0.025	18	4	1.63	100
3	+30BM24TUBE	300 x 12.5 x 0.63	12 x ½ x 0.025	24	4	1.63	100
	+30BM32TUBE	300 x 12.5 x 0.63	12 x ½ x 0.025	32	4	1.63	100

