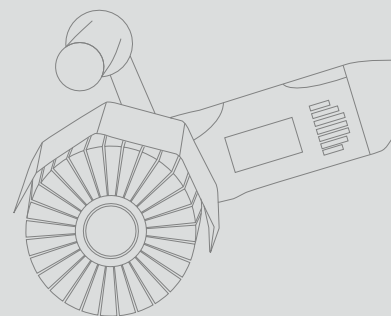




CATALOGUE 2021



INDEX

⊕ TECHNICAL DATA AND TERMINOLOGY	P.1
⊕ ABRASIVE WHEELS PRODUCT	
- Non-woven flap wheel	P.2
- Combi flap wheel	P.3
- Coated flap wheel	P.4
- Special material wheel(RWL)	P.5
- Sisal wheel	P.5
⊕ ABRASIVE DRUM	
- Coated Abrasive drum	P.6
- Surface conditioning drum	P.7
- Expansion roller	P.7

TECHNICAL DATA AND TERMINOLOGY

DIAMETER

A large wheel diameter achieves better results and higher output, but pay attention to the surface speed and the real motor power.

THICKNESS

Thickness is a very important factor in polishing, therefore, use different thickness for different applications. Remember a larger polishing surface requires more power.

FACE WIDTH

The face width must be calculated providing a margin of about 5-6 mm from the edge of the wheel core; remember that the closer to the core, the harder the wheel will be and, consequently will achieve different results.

DENSITY

The density is determined by the number of flaps in a wheel. Wheels with high density (more flaps) are long-wearing, provide consistent finish and better cut. Wheels with low density(less flaps) are more flexible, adapt better to the surface and provide a less consistent finish.

SURFACE SPEED

The surface speed specified refers to the maximum safety speed. In most operations, a lower speed will prove more efficient. Sometime is not necessary high speed and the use of the wrong motor with an appropriate speed is inconvenient and waste time. The right tool with the right speed provide more long lasting, for example: use a grinding motor (more then 30.000rpm) with an abrasive non woven flap wheel (max 1400rpm) to satin stainless steel is a common mistake, the wheel smearing and burning on the surface.

aggressive wheel, increase the diameter or change the type of wheel.

Conversion chart Inch/mm

	0.003"	0,076 mm
	0.004"	0,102 mm
	0.005"	0,127 mm
	0.006"	0,152 mm
3/32"	0.094"	2,381 mm
1/8"	0.125"	3,175 mm
3/16"	0.188"	4,762 mm
1/4"	0.250"	6,350 mm
9/32"	0.281"	7,144 mm
3/8"	0.375"	9,525 mm
1/2"	0.500"	12,70 mm
9/16"	0.563"	14,29 mm
11/16"	0.688"	17,46 mm
3/4"	0.75"	19,05 mm
1"	1.0"	25,40 mm
2"	2.0"	50,80 mm
3"	3.0"	76,20 mm
4"	4.0"	102 mm
5"	5.0"	127 mm
6"	6.0"	152 mm

Shank conversion chart inch/mm

HP	3/32"	2,34 mm
HP.B		3 mm
HP.C	1/8"	3,17 mm
HP.6		6 mm





LINEAR GRINDING, BLENDING, POLISHING FLAP WHEELS ROLLS (DRUMS)

These rolls are specially designed for a flat surface. Different combinations with various applications, these abrasive drums-rolls fleece guarantees even wear of the abrasive flaps and cloth flaps in every user requirement. These rolls have a 19 mm. bore and four keyways for use on handheld surface grinding machines (burnishing machines).

NON-WOVEN FLAP WHEEL

BTX Flap wheel is excellent for satin or matches linear finishing. Various synthetic fibre and abrasive grit grades are combined and bonded with a special resin, firmly fixing the grit particles to the nonwoven fibres. The result is a flexible open structure with no tendency to clog. The material is self-dressing and suitable for wet and dry processes



Grit	Outside diameter x Thickness x Hole				Rpm max
	100x50x19 mm	100x100x19 mm	115x50x19 mm	115x100x19 mm	
	 40	 20	 40	 20	
AC #60	BT-P0510-00023	BT-P0510-00024	BT-P0510-00003	BT-P0510-00005	2500
AC #80	BT-P0510-00001	BT-P0510-00002	BT-P0510-00004	BT-P0510-00006	2500
AM #120	BT-P0510-00008	BT-P0510-00009	BT-P0510-00010	BT-P0510-00011	2500
AF #180	BT-P0510-00013	BT-P0510-00014	BT-P0510-00015	BT-P0510-00016	2500
AVF #220	BT-P0510-00018	BT-P0510-00019	BT-P0510-00020	BT-P0510-00021	2500

Surface finishing effect



Abrasive type : Aluminium Oxide

Grain:

- AC (60) - coarse rough-grinding.
- AC (80) - coarse rough-grinding.
- AM (100-120) - medium-rough.
- AF (150-180) - fine smoothing.
- AVF (220-240) - very fine smoothing

Applications:

- Cleaning
- Satin surface finishing effect
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- light deburring work
- Removing rust and oxidation
- Removing scratches

Best for:

- steel
- stainless steel
- non-ferrous metals
- high-alloy metals
- plastic
- wood, ceramic and glass

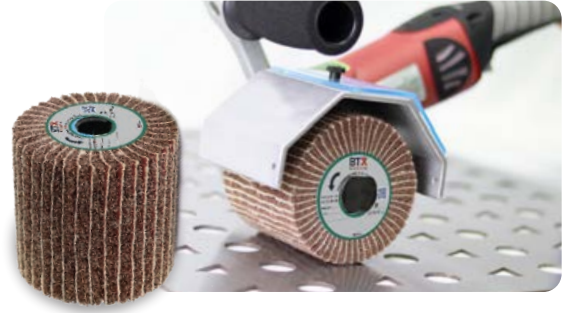
Tips&Advice:


- Must be used on burnisher equipment. Not for use on traditional right angle grinders.
- Slower speed = Better performance
- Fine grades have a coarser effect at low speed. Coarse grades have a more refined effect at high speed
- Heavy pressure will result in increased wear. Apply only light pressure for best performance
- Non-woven wheels provide a smoother finish
- Suggested speed rpm:2500 -Max speed: rpm3500.

*can be compared from the conversion chart inch/mm on P.1

COMBI FLAP WHEEL

It is made from high-quality sand cloth and synthetic fibre. It was developed and designed with unique technology to be flexible, not destroying the shape and pattern on the workpiece. The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate compared to Non-woven. They are suitable for metal and non-metal workpieces for deburring, deburring, and Cleaning workpieces.



Grit	Item Code	Outside diameter x Thickness x Hole	Rpm max	
#60	BT-P0710-00001	115x50x19 mm	2500	40
	BT-P0710-00002	115x100x19 mm	2500	20
#80	BT-P0710-00003	115x50x19 mm	2500	40
	BT-P0710-00004	115x100x19 mm	2500	20
#120	BT-P0710-00005	115x50x19 mm	2500	40
	BT-P0710-00006	115x100x19 mm	2500	20
#180	BT-P0710-00007	115x50x19 mm	2500	40
	BT-P0710-00008	115x100x19 mm	2500	20

Surface finishing effect



Abrasive type : Aluminium Oxide
Grain:

- #60 - coarse rough-grinding
- #80 - medium-rough
- #120 - smoothing
- #180 - fine smoothing

Applications:

Metal:

- Matt and satin finishes and removing minor scratches
- Cleaning
- Satin surface finishing effect
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- light deburring work
- Removing rust and oxidation
- Removing scratches
- Wood: Removing old coatings

Best for:

- steel
- stainless steel
- non-ferrous metals
- high-alloy metals
- plastic
- wood, ceramic and glass

Tips&Advice:


- Must be used on burnisher equipment. Not for use on traditional right angle grinders.
- Slower speed = Better performance
- Fine grades have a coarser effect at low speed. Coarse grades have a more refined effect at high speed
- Heavy pressure will result in increased wear. Apply only light pressure for best performance
- Non-woven wheels provide a smoother finish.
- Suggested speed rpm:3500 -Max speed: rpm4500

*can be compared from the conversion chart inch/mm on P.1

COATED FLAP WHEEL

Coated flap wheel made of abrasive cloth. These tools are comprised of single flaps that are radially fixed around the axis in a plastic core.



Grit	Item Code	Outside diameter x Thickness x Hole	Rpm max	
#60	BT-G0610-00001	100x100x19 mm	2500	20
#80	BT-G0610-00002	100x100x19 mm	2500	20
#100	BT-G0610-00003	100x100x19 mm	2500	20
#120	BT-G0610-00004	100x100x19 mm	2500	20
#180	BT-G0610-00005	100x100x19 mm	2500	20

Surface finishing effect



Abrasive type : Aluminium Oxide
Grain:

- #60 - coarse rough-grinding
- #80 - rough
- #100 - medium-rough
- #120 - smoothing
- #180 - fine smoothing

Applications:

For removing rust, oxide layers, minor scratches, coatings and for smoothing and burnishing metals.

- Cleaning
- light deburring work
- Removing rust and oxidation
- Removing scratches
- Grinding
- Roughing
- Cleaning
- Satin
- Deburring

Best for:

- steel
- stainless steel
- non-ferrous metals
- high-alloy metals
- wood
- ceramic

Tips&Advice:

- Must be used on burnisher equipment. Not for use on traditional right angle grinders.
- Never use too much pressure: the flaps will become distorted, and the cutting capacity will decrease
- It is better to choose a coarser grit type in slow material removal than to increase the pressure or the circumferential speed
- Suggested speed rpm:2500 -Max speed: rpm3500

*can be compared from the conversion chart inch/mm on P.1

BUFFING WHEEL

The unique cleaning fleece is synthetic nonwoven with a protection layer with any abrasives. This material is ideal for the heavy-duty polishing of flat materials such as steel and sheet metal. It is mainly used on automotive, trucks, particular vehicle and metal workshops, and shipyards.

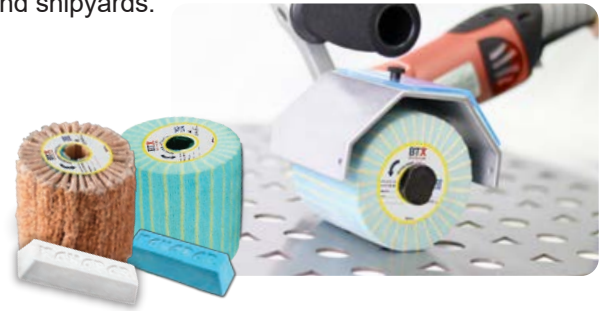
- **Special non-woven wheel (RWL)** for burnishing, good heat dissipation, very long working life.


(to use with our green blue white compound

- **Sisal wheel** for polishing, creating patterns, cleaning workpieces(

to use with Brown green white compound)

Note: abrasive compound must be applied.



Cloth Type	Item Code	Outside diameter x Thickness x Hole	Rpm max	
Special non-woven wheel (RWL)	BT-B0210-00001	100x50x19 mm	2500	40
	BT-B0210-00002	100x100x19 mm	2500	20
Sisal wheel	BT-B0310-00001	100x50x19 mm	2500	40
	BT-B0310-00002	100x100x19 mm	2500	20

Applications:

- Cleaning
- Mirror polishing finish to stainless steel, aluminium and brass
- Pre-polishing for all metal.
- Removing light oxidation and discolouration
- Removing small scratches

Best for:

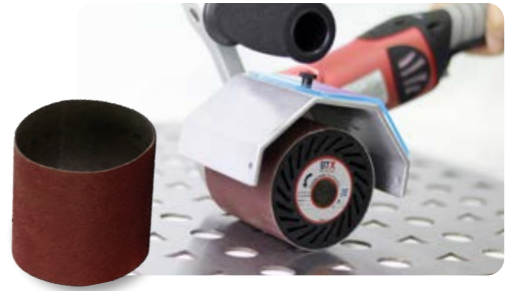
- steel
- stainless steel
- non-ferrous metals
- high-alloy metals

Tips&Advice:

- Must be used on burnisher equipment.
- High-speed = Better performance
- Use compound with fine grades might have a matte effect at low speed.
- High-quality solid compounds have a more refined effect at high speed.
- Suggested speed rpm:3500 -Max speed: rpm4500

COATED ABRASIVE DRUM

The abrasive band sleeves/drums to use in combination with a soft rubber drum for use on conditioning machines. For rough grinding, regular aluminium oxide has good tool life when used on structural steel. It ensures cost-effective machining for cleaning, light deburring, refining, surface and contour grinding, and fine grinding. For surface finishing work that requires a controlled pressure. Many variations and possibilities to meet all users needs Application. Only for use with an expansion roller.



Grain	Grit	Item Code	Dimension	Rpm max	
cer	#60	BT-G613-00001	100 x 283 mm	2500	10
	#80	BT-G613-00002	100 x 283 mm	2500	10
	#100	BT-G613-00003	100 x 283 mm	2500	10
	#120	BT-G613-00004	100 x 283 mm	2500	10
zir	#60	BT-G613-00005	100 x 283 mm	2500	10
	#80	BT-G613-00006	100 x 283 mm	2500	10
	#100	BT-G613-00007	100 x 283 mm	2500	10
	#120	BT-G613-00008	100 x 283 mm	2500	10
ao	#80	BT-G613-00009	100 x 283 mm	2500	10
	#100	BT-G613-00010	100 x 283 mm	2500	10
	#120	BT-G613-00011	100 x 283 mm	2500	10
	#180	BT-G613-00012	100 x 283 mm	2500	10
	#240	BT-G613-00013	100 x 283 mm	2500	10
	#320	BT-G613-00014	100 x 283 mm	2500	10

Applications:

Removal of deep scratches, rust, scale and welds. Far less rework is required as a result of using the time-saving linear grinding technique.

- Cleaning
- Satin surface finishing effect
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- light deburring work
- Removing rust and oxidation
- Removing scratches

Abrasive type : Aluminium Oxide

Grain:

- #60 - coarse rough-grinding
- #80 - rough
- #100 - medium-rough
- #120 - smoothing

Best for:

- steel
- stainless steel
- non-ferrous metals
- high-alloy metals
- plastic
- wood, ceramic and glass

Tips&Advice:


- Must be used on burnisher equipment. Not for use on traditional right angle grinders.
- Slower speed = Better performance
- Fine grades have a coarser effect at low speed. Coarse grades have a more refined effect at high speed
- Heavy pressure will result in increased wear. Apply only light pressure for best performance
- Non-woven wheels provide a smoother finish.
- Suggested speed rpm:2500 -Max speed: rpm3500

*can be compared from the conversion chart inch/mm on P.1

SURFACE CONDITIONING DRUM

They are made from high-quality synthetic fibres. Was developed and designed with unique technology flexible Does not damage the shape and pattern on the workpiece Good heat dissipation, no clogging, suitable for metal and non-metal workpieces for polishing and creating designs. And cleaning the workpiece There are many models to choose from the product list to meet all users needs. Only us with expansion roller.



Grit	Item Code	Dimension	Rpm max	
#coarse	BT-G0513-00001	100 x 283 mm	2500	10
#medium	BT-G0513-00002	100 x 283 mm	2500	10
#fine	BT-G0513-00003	100 x 283 mm	2500	10
#very fine	BT-G0513-00004	100 x 283 mm	2500	10

EXPANSION ROLLER

Combined with the linear grinder and polisher machine, abrasive cloth, drum, and synthetic (surface) drum for pressure-sensitive sanding applications. suitable for metalwork



Item Code	Outside diameter x Thickness x Hole	
BT-A1013-00001	100 x 283 mm	20

Abrasive grade

Coarse: For removing scale, rust, heavy deburring, flashings, paint and coatings

Medium: For lighter surface prep and Cleaning, weld cleaning, blending, soft deburring

Fine: For light cleaning, blending and finishing

Very Fine: For final finishing and polishing, decorative finishing

Applications:

Removal of deep scratches, rust, scale and welds. Far less rework is required as a result of using the time-saving linear grinding technique.

- Cleaning
- Satin surface finishing effect
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- light deburring work
- Removing rust and oxidation
- Removing scratches

Best for:

- steel
- stainless steel
- non-ferrous metals
- high-alloy metals
- plastic
- wood, ceramic and glass



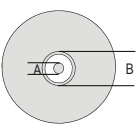

Tips&Advice:

- Must be used on burnisher equipment. Not for use on traditional right angle grinders.
- Slower speed = Better performance
- Fine grades have a coarser effect at low speed. Coarse grades have a more refined effect at high speed
- Heavy pressure will result in increased wear. Apply only light pressure for best performance
- Non-woven wheels provide a smoother finish.
- Suggested speed rpm:2500 -Max speed: rpm3500

*can be compared from the conversion chart inch/mm on P.1

Please fill the following questionnaire. In order to understand the customer requires better. If this is possible, provide a samples to show what mean for finishing, before (ready to be polish) and after(finish). NB: Any samples that are request shall not be returned. Grit do not answer for copies of articles they do not know and that are currently on the market. Please write all the sizes in millimeters.

Customer Requires Questionnaire

1. TYPE :	
2. Total diam. (in mm)-OD-or length x eidth :  Lgh. Wid.	3. Total thickness/width mm (betweenthe flanges) : 
A : Wheel hole diameter-ID : B : Hub hole diameter :  A : B :	5. Face width mm: (is the real quantity of abrasive material) 
6. Wheel material (Non woven, abrasive cloth, flaps, other) :
7. Hardness of wheel: FIN (Flap Intensity Number) count the flaps number :
8. Wheel Grit or Grain (if combine write both) :	
9. Abrasive : (Aluminum Oxide,Silicon Carbide, other.)	
10. Operations to be carried out : (grinding, smoothing, polishing, satin, high mirror buffing) :
11. Is the wheel in contact with extra product (compounds, liquid, other) :
13. Machine type and speed available (bench, grinding, polishing motor, other) :
14. Type of material to be treated : (wood, metal, plastic, marble, etc.) :
15. Describe the shape of the work piece or specific problems (for example: welds, sharp edges, holes, very large burrs, etc.): If you can't describe, attach a draw of simple model :	

Name of compiler :

Date :



WHAT IS BTX ?

BTX Develop, design and manufacture professional, flexible abrasive and surface finishing tools, accessory and technology for modern trade and general trade. Only with international approved raw materials some of them manufactured in our facilities.

BTX target is to offer economical and efficient surface finishing systems through a combination of tools, abrasives and expert knowledge.

OUR MISSION

We serve trade shops, modern trade and big distribution centres, resellers, and every little DIY specialized shop that deals with end-users requiring high-quality abrasive tools. We make their lives easier to sell products known for years but still not wholly understood—a product with accessible, recognizable brand, packaging and information with excellent service and sharable know-how. To help them in every way to sell products with no doubt on quality and more accessible to market thanks to our available knowledge, videos, brochure, documents, and seminar. We want to support them.

WHY WE ARE EXPERT ?

We do this by providing surface finishing consulting service and tailored solutions to all our customers, no matter what sector they operate. In addition, we also:

- Guarantee surface finishing tools that meet all business requirements
- Training our staff and our customers' knowledge and professionalism beyond their expectations ensures the best surface finishing experience.
- Invest in a highly competent and passionate R&D team to ensure a new level of tools.
- Cooperate with the best technology manufacturers worldwide to ensure that capacity and quality expectation guarantee trust and reliability, top of the class.

This vision, mission, and values ensure that we have long-standing customer relationships built on solid foundations to provide a quality product at a fair price to deliver right in time to guarantee the best future for all parties.



For info please visit:

www.btx-tech.com



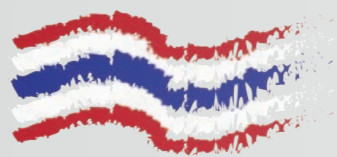
HEAD OFFICE & FACTORY

129/33-1 M.3 T.Wangchula A.Wangnoi Ayutthaya 13170
Tel. : +66(0)3 572 1458-9
Fax : +66(0)3 572 1460

BANGKOK BRANCH.

92 Soi Phaholyothin 32, Phayolyothin Rd, Chatujak, Bangkok 10900
Tel. : +66(0)2 941 6690-1
Fax. : +66(0)2 941 6692

BTX is a brand of Kingsbrite. Co., Ltd
Email : info@btx-tech.com
www.btx-tech.com



BTX is Thai