



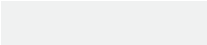


Cutting & Grinding Wheels

Information



MAX Running Speed

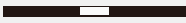

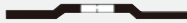


In order to meet the standard of EN12413, the Max running speed is showed on products' label and package with different Color bars.

Max Speed	Color Bar	Area Using
50 M/S		Adjustable speed Tool Market
63 M/S		Adjustable speed Tool Market
70 M/S		Asia Market
80 M/S		Europe,America,Africa, South America
100 M/S		Pneumatic Tool Market

Shape Specification System

The symbol of the drawing show

D=Diameter X T=Thickness X H=center hole D X T X H for example(115x1x22)

				
TYPE 41	TYPE 27	TYPE 42	TYPE 29	TYPE 27

Safety Diagrams these are industry standard



Mouth Protection



Wear Gloves



Eye Protection



Ear Protection



Read Instruction



Not For Side Grinding



Damaged Wheel

Installation System

Installation system plays a decisive role on the safety in the safe usage of PEGASUS tools.

It is important to fasten the abrasive tools,otherwise it may bring danger to you.Two flange plates,which meet the standard of EN60745-2-3: 2007, AS1788.1: 1987 and ANSI B7.1: 2000,must be fastened with products.

PEGASUS is a member of EN12413

PEGASUS promise to produce superior tools according to the strictest safety standard, and also promise to insist on the safety and quality monitoring persistently.PEGASUS Products with the logo of

EN12413: 2007

EN13743: 2001

INCORRECT

Flanges not in diameter



CORRECT

Flanges equal in diameter



Security of grinding

The manufacturer of abrasives and machine tools play a decisive role on the security of grinding.

PEGASUS tools must meet the due security requirements. However, the final decision factor is whether the users operate power tools and abrasives products properly and safely or not.

The dangerous maybe happen even if you think it is under the safety circumstances.

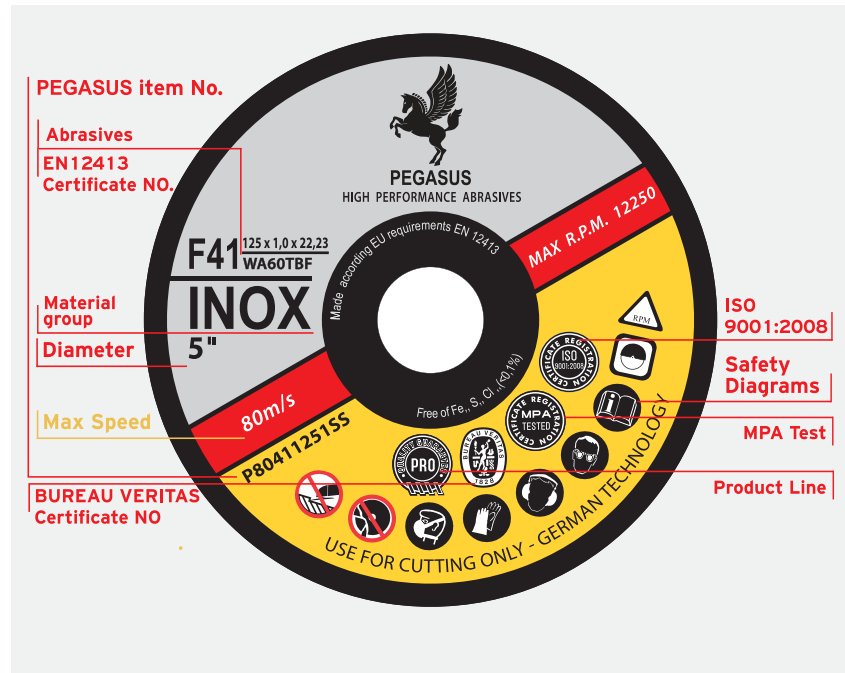
Please operate your tools and abrasive products prudently. And stop using immediately if getting stuck by workpiece or something unusual when cutting.

Cutting Wheels not for grinding .Grinding wheels not for cutting

Cutting & Grinding Wheels

Information

	P	80	41	125	1	SS
	1	2	3	4	5	6
1.	P	(Brand short name) P=PEGASUS				
2.	80	Running speed 80=80M/S 70=70M/S				
3.	41	41=Flat cutting wheels 27=Grinding wheels 42=Depressed centre cutting wheel				
4.	125	Diameter 125=5"				
5.	1	Thickness 1=1,0mm - 1,2mm				
6.	SS	SS=Stainless Steel S=Concrete, Stone M=Steel A=Aluminum, Copper product IN=INOX & Steel				



Cutting Wheels

Identifying information

Identification of certificate



Abrasives

	A	60	T	BF	41
	1	2	3	4	5
1	A	<div> <div></div> A = Aluminum Oxide <div></div> Z = Zirconia alumina </div> <div> <div></div> C = Silicon carbide <div></div> ZA = Zirconia alumina & Aluminium Oxide </div>			
2	60	Grain Size of abrasives			
3	T	Hardness Grade According to the ascending order of the alphabet, A-Z from soft to extremely hard.			
4	BF	Bond (Resin Bonded)			
5	41	<div> <div></div> 41=Flat cutting wheels <div></div> 27=Grinding wheels </div> <div> <div></div> 42=Depressed centre cutting wheel </div>			

CUTTING DISCS

Available dimensions as following :

A) Cutting discs for METAL :

100mm x 2,0mm/ 2,5mm x 16mm in F41
105mm x 2,0mm/ 2,5mm x 16mm in F41
115mm x 3,0 mm x 22,23mm in F41 & F42
125mm x 3,0 mm x 22,23mm in F41 & F42
150mm x 1,6mm x 22,23mm in F41
180mm x 3,0mm x 22,23mm in F41 & F42

B) Cutting discs for METAL & INOX (2 in 1).

100mm x2,0mm/2,5mm x16mm in F 41
105mm x 1,0mm /1,6mm/2,0mm/2,5mm x 16mm in F41
115mm x 0,8mm /1,0mm/1,6mm/2,0mm/2,5mm x 22,23mm in F41
125mm x 0,8mm /1,0mm/1,6mm/2,0mm /2,5mm x 22,23mm in F41
150mm x 1,6mm x 22,23mm in F41
180mm x 1,6mm /2,0mm/2,5mm x 22,23mm in F41
230mm x 1,9mm /2,2mm/2,5mm x 22,23mm in F41 & F42

C) Cutting discs for STAINLESS STEEL.

Usually Stainless Steel cutting will face the problem that it creates THERMAL POLLUTION

Which make the stainless steel surface becoming BLUE & BLACK color . It will make much time and cost to repair and polishing again. INOX SPECIAL cutting discs made by special materials that decrease the FRICTION ,increase the sharpness and prevent the HOT CORROSION of Stainless Steel .

INOX discs can fastly cutting minimize friction ,increase sharpness, prevent corrosion .

They have excellent abrasive performance and extra working life .!!

100mm x 3,0mm x 16mm in F41
105mm x 1,0mm x 16mm in F41
115mm x 1,0mm/3,0mm x 22,23mm in F41
125mm x 1,0mm/1,6mm /3,0mm x 22,23mm in F41
150mm x 1,6mm x 22,23mm in F41
180mm x 1,6mm /3,0mm x 22,23mm in F41
230mm x 1,9mm/3,0mm x 22,23mm in F41

D) Cutting discs for special application.(CAST IRON—ALUMINUM—STONE)

180mm & 230mm x 3,0mm x 22,23mm in F41 & F42 (cast iron)
115mm & 125mm & 180mm x 1,6mm /3,0mm x 22,23mm in F41 (Aluminum & non ferrous metals).
100mm x 2,0mm x 16mm in F41 (Aluminum & non ferrous metals).
230mm x 1,9mm /3,0mm x 22,23mm in F41 (Aluminum & non ferrous metals).
115mm & 125mm x 1,6mm x22,23mm in F41 (for Stone).
180mm & 230mm x 3,0mm x 22,23mm in F41 & F42 (for Stone).

GRINDING DISCS

Used for high stress working ,excellent abrasive performance ,high stability in grinding ,Metal grinding discs provide high burr removal capacity of the general type of iron & steel to give maximum performance and long life. Grinding discs used in surface grinding rust removal ,welding burrs also in process like grinding of corners and burring after iron foundry operations .

A) Grinding discs for METAL.

100mm x 4,0mm/6,0mm x 16mm in T27

115mm & 125mm x 6,0mm x 22,23mm in T27

150mm & 180mm & 230mm x 6,0mm x 22,23mm in T27

115mm 125mm x 6,4mm x 22,23mm in T27

B) Grinding discs for STAINLESS STEEL.

Stainless Steel grinding discs provides high burr removal capacity and maximum performance with long life .Doesn't contain iron ,so that it doesn't create the effect of corrosion on stainless steel surfaces .Used for grinding sheets ,plates, construction steel, soft steels,, hardened steels ,rail steels etc,

100mm x3,0mm/ 4,0mm/6,0mm x 16mm in T27.

115mm x 3,0mm x 22,23mm in T27

115mm & 125mm & 180mm & 230mm x 6,0mm x 22,23mm in T27

C) Grinding discs for special application (CAST IRON—ALUMINUM—STONE.)

115mm & 180mm & 230mm x 6,0mm x 22,23mm in T27

(cast iron, used for foundry , graphite iron, aluminum alloy.)

115mm & 180mm & 230mm x 6,0mm x 22,23mm in T27

(for Aluminium, copper, Zinc , Bronze, Brass, and non ferrous metals.)

100mm x 3,0mm x 16mm in T27 (for Stone).

115mm x 3,0mm x 22,23mm in T27 (for Stone).