



# PRODUCT CATALOGUE

A Company within the SWAROVSKI Group

**TYROLIT**

# TABLE OF CONTENT

<b>TYROLIT Quality Lines</b>	<b>Page 3</b>
<b>TYROLIT Labels</b>	<b>Page 4</b>
<b>Cut-Off Wheels for Angle Grinders</b>	<b>Page 5-6</b>
<b>Premium ★★★Line</b> <ul style="list-style-type: none"><li>- Cut-off wheels</li></ul>	
<b>Standard ★★Line</b> <ul style="list-style-type: none"><li>- Cut-off wheels</li></ul>	
<b>Basic ★Line</b> <ul style="list-style-type: none"><li>- Supert-thin cut-off wheels</li><li>- Cut-off wheels</li><li>- Diamond dry cut-off wheels</li></ul>	
<b>Cut-Off Wheels for Stationary Machines</b>	<b>Page 7</b>
<b>Premium ★★★Line</b> <ul style="list-style-type: none"><li>- Cut-off wheels</li></ul>	
<b>Basic ★Line</b> <ul style="list-style-type: none"><li>- Cut-off wheels</li></ul>	
<b>Grinding Wheels and Cup Wheels for Angle Grinders</b>	<b>Page 8-10</b>
<b>Premium ★★★Line</b> <ul style="list-style-type: none"><li>- Grinding wheels</li><li>- Cup wheels</li></ul>	
<b>Standard ★★Line</b> <ul style="list-style-type: none"><li>- Grinding wheels</li></ul>	
<b>Basic ★Line</b> <ul style="list-style-type: none"><li>- Grinding wheels</li><li>- Semi-flexible grinding wheels</li><li>- Flap discs</li></ul>	
<b>Diamond Cup Wheels for Angle Grinders</b>	<b>Page 10</b>
<b>Standard ★★Line</b> <ul style="list-style-type: none"><li>- Diamond cup wheels</li></ul>	
<b>Key for Pictograms</b>	<b>Page 11</b>
<b>Storage of the Grinding Wheels</b>	<b>Page 11</b>

# TYROLIT QUALITY LINES

## Product labeling according to quality category

The quality of our products and services is a decisive factor for our success in global competition. Our quality philosophy relates not only to the products but also the processes within the company. ISO 9001 and ISO 14001 have long been established as TYROLIT'S international standard. Back in 1994 TYROLIT was the first European manufacturer of bonded grinding and cut-off tools to have obtained ISO 9001 certification for its entire product range. In addition, all resinoid bonded wheels of TYROLIT are certified as per EN 12413, ANSI (American National Standards Institute) B7.1, and OSA (Organization Safety Abrasives).

Tyrolit offers the professional user looking for quality three categories to be identified by a star system from 2008.

### PREMIUM ★★ ★

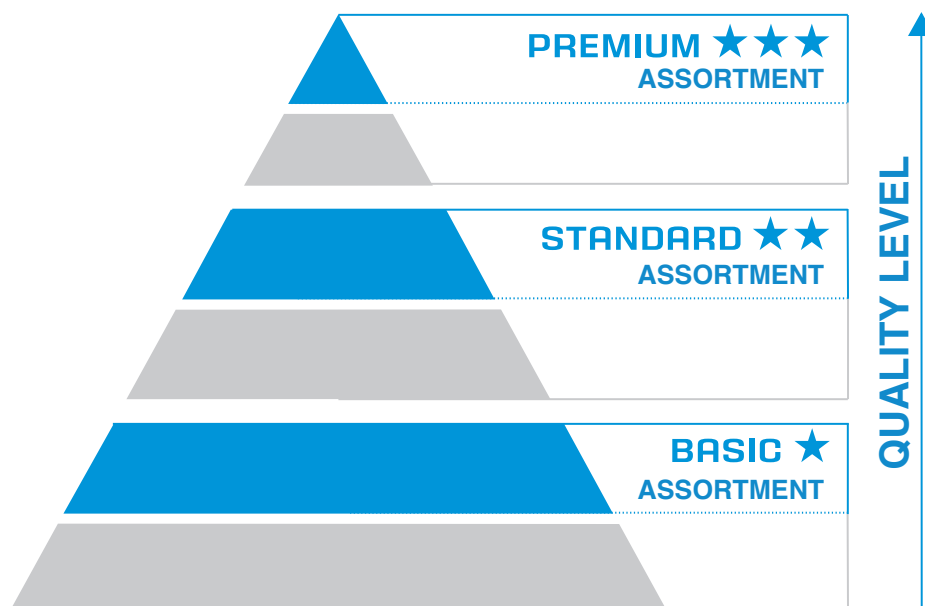
Characteristics: the best quality category giving the highest cutting efficiency and the longest life.

### STANDARD ★ ★

Characteristics: increased cutting efficiency, longer life, excellent value for money.

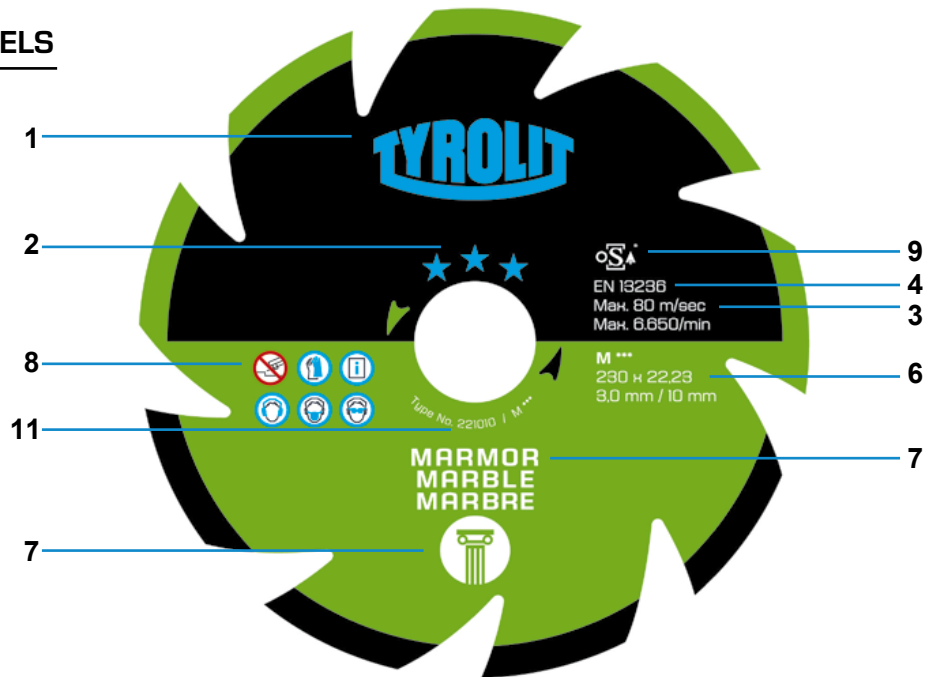
### BASIC ★

Characteristics: excellent cutting efficiency, long life, the most cost-effective quality category.



# TYROLIT LABELS

## DIAMOND WHEELS



## RESINOID BONDED WHEELS



- 1 TYROLIT logo
- 2 Quality mark
- 3 Maximum rotational speed permissible
- 4 European safety standard
- 5 Specification
- 6 Dimension DxTxH metric and imperial
- 7 Materials
- 8 Pictograms, tips on use, and safety
- 9 TYROLIT, member of OSA (Organization Safety Abrasives)
- 10 EAN code
- 11 Model and item number



## CUT-OFF WHEELS FOR ANGLE GRINDERS

### APPLICATIONS


Cutting-off of: sheet metal, rods, profiles and pipes  
 Particularly suitable for small cross-sections and thin sheets

### CONSUMER GROUPS

Steel construction, terotechnology and shipbuilding; building construction; vehicle repair workshops; heating, plumbing and air-conditioning technology




### PREMIUM ★★★ Line: Cut-off wheels

★★★ cut-off wheels in standard widths not only offer you the most economic solution, but also the highest level of safety due to the highest wheel life and stability.  
 For cutting solid materials, tubes, profiles and thin-walled workpieces made of steel and stainless steel including castings.

Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
872337	41	4"	100x2.5x16	A30Q-BFXA	25	Aggressive, fast cutting wheels enable steel and stainless steel (INOX) to be machined	 2-in-1


### STANDARD ★★ Line: Cut-off wheels

Universal tools for angle grinders of any power. Excellent performance and wheel life for cutting solid materials. Cut-off wheels in the ★★ line stand for quick cutting, tools that cut easily and use on the widest range of materials.

Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
368009	41	4"	100x2.5x16	A30-BF	25	Universal cut-off wheels for widest range of material cross sections (only steel)	 Steel
367565	41	4.5"	115x2.5x22.23	A30-BF	25		
367578	41	7"	178x3x22.23	A30-BF	25		
367583	41	9"	230x3x22.23	A30-BF	25		
368016	41	4"	100x1.6x16	A46-BFINOX	25	Universal cut-off wheels for stainless and acid resistant steel	 Inox
367561	41	4.5"	115x1.6x22.23	A46-BFINOX	25		
367577	41	7"	178x2.5x22.23	A30-BFINOX	25		
367582	41	9"	230x2.5x22.23	A30-BFINOX	25		
368012	42	4"	100x2.5x16	C30-BF	25	Universal cut-off wheels for cutting stone and concrete; highest side stability for difficult operating conditions	 Stone
367580	41	7"	178x3x22.23	C30-BF	25		
367585	41	9"	230x3x22.23	C30-BF	25		

## BASIC ★ Line: Super-thin cut-off wheels




The super-thin cut-off wheels in the ★ line are distinguished by their universality, good wheel life and cutting ability. All specifications are suitable for use on stainless steels and structural steels, as well as light cutting jobs with castings.

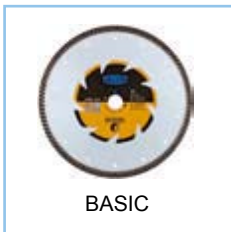
Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
222893	41	4"	100x1x16	A60-BFINOX	25	For cutting thin-walled metal sheets, profiles, tubes, and beams made of stainless and acid resistant steel for the construction of machines, containers, vehicles and ships	 Inox
486473	41	4.5"	115x1x22.23	A60-BFINOX	25		
486475	41	5"	125x1x22.23	A60-BFINOX	25		

## BASIC ★ Line: Cut-off wheels

For all applications and materials including castings and stone.




Cut-off wheels in standard widths from the ★ line are characterised by their easy handling, fast work and high stock removal performance combined with good wheel life.

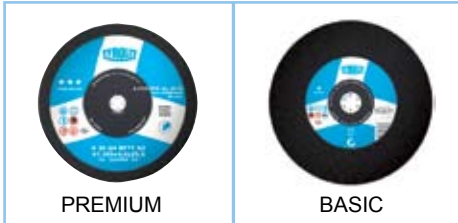
Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
222996	41	4"	100x2.5x16	A30-BF	25	Cut-off wheels for cutting all types of steel materials (including stainless steel and cast materials)	 2-in-1
222998	41	5"	125x2.5x22.23	A30-BF	25		
223000	41	7"	178x3x22.23	A30-BF	25		
223002	41	9"	230x3x22.23	A30-BF	25		
223020	42	4"	100x2.5x16	A30-BF	25	Cut-off wheels for cutting all types of steel materials (including stainless steels and cast materials)	 2-in-1
223022	42	5"	125x2.5x22.23	A30-BF	25		
223023	42	7"	178x3x22.23	A30-BF	25		
223010	41	4"	100x2.5x16	C30-BF	25	For cutting stone and concrete	 Stone
223015	41	5"	125x2.5x22.23	C30-BF	25		
222042	41	7"	178x3x22.23	C30-BF	25		
223019	41	9"	230x3x22.23	C30-BF	25		



## BASIC ★ Line: Diamond dry cut-off wheels

These universal types are designed for cutting various building materials such as concrete, brick or natural stone. Choice of segmented design or with "turbo" toothwork.

Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
466082	C3	4"	105x2x20/16	DCU ★		All round tool for cost-effective working	 Universal
466087	C3	7"	180x2.6x22.23	DCU ★			
467266	C3R	4"	105x2x20/16	DCU ★-FC		All round tool for cost-effective working	 Universal
535439	1A1R	4"	100x1.6x20/16	DCT ★		Closed cutting edge for cleanest cuts without fragmented edges	 Tiles

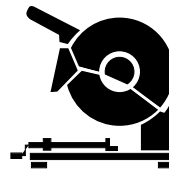


PREMIUM

BASIC





41



## CUT-OFF WHEELS FOR STATIONARY MACHINES


### PREMIUM ★★★ Line: Cut-off wheels

For the various cutting jobs encountered in industry and handicrafts, the ★★★ line always provides the right tool for stationary machines. ★★★ cut-off wheels from TYROLIT guarantee the best results and highest safety in any cutting situation.

Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
479611	41	12"	300x3x25.4	A30Q-BF02A2	10		 Steel
479616	41	14"	350x3.5x25.4	A30Q-BF02A2	10		
376122	41	16"	400x4x25.4	A30Q-BF02A2	10		
479618	41	14"	350x3.5x25.4	C24Q-BF02A2	10		 Stone

### BASIC ★ Line: Cut-off wheels

Universal cut-off wheels for cutting solid material and profiles for steel and stone, the ★ line is characterised by high stock removal performance combined with good service life for stationary machines.

Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
223032	41	12"	300x2.5x25.4	A46-BF	10		 Steel
223033	41	14"	350x2.8x25.4	A46-BF	10		
485530	41	16"	400x3x25.4	A46-BF	10		



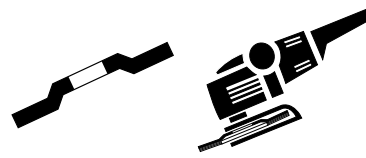
PREMIUM



STANDARD



BASIC



27



## GRINDING WHEELS FOR ANGLE GRINDERS

### APPLICATIONS

Grinding of welds, trimming off, for example, cast workpieces. Grinding of large, heavy machine parts with portable angle grinders.

### CONSUMER GROUPS


- Steel construction (boiler construction, industrial, shop, waterway and bridge construction)
- Construction of overhead lines, cranes, containers, scaffolding and roofs
- Terotechnology and machine construction, foundries

## PREMIUM ★★★ Line: Grinding wheels

To ensure work is done without vibration and health risks, all TYROLIT rough grinding wheels are manufactured and tested in accordance with the requirements of EN12413.

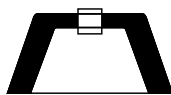
A thorough colour guidance system ensures that when it comes to rough grinding wheels too, users can always find the right product for the material to be machined.

The ★★★ range fulfils today's demands of cost-effective working, high stock removal performance and above-average wheel life.

Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
5279	27	4"	100x6x16	A30S-BFX	10	High performance rough grinding wheels especially for steel, for quick, convenient work	 Steel LONG LIFE



PREMIUM




11BT






## PREMIUM ★★★ Line: Cup wheels

These cup wheels achieve the highest stock removal performance and wheel life for angle grinders. Due to their condition and assortment, they are not only suited for working on steel and castings (above all for grinding jobs on large areas, for heavy workpieces and grinding welding seams), but also for working on stone and concrete (grinding grains on visible concrete surfaces, bevelling and pre-grinding artificial stone and patioflags, surface grinding on marble, slate and granite).

Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
457070	11BT	4"	110/90x55x22.2	1C30N4B2	2		 Stone

## STANDARD★★Line: Grinding wheels



A clearly set out assortment in the ★★ line and a thorough colour guidance system enables you to find the best suited product. The new specifications on the ★★ line meet all the requirements of ergonomic, convenient and vibration-free rough grinding combined with excellent machining performance and high service life.

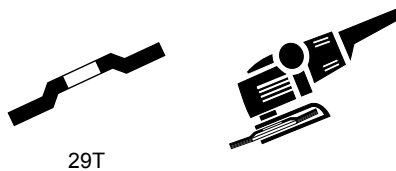
Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
368002	27	4"	100x6x16	A24-BF	10	Universal rough grinding wheels for use on steel; surface or edge grinding	 Steel
367771	27	5"	125x6x22.23	A24-BF	10		
367772	27	6"	150x6x22.23	A24-BF	10		
367773	27	7"	178x6x22.23	A24-BF	10		
367775	27	9"	230x6x22.23	A24-BF	10		
368014	27	4"	100x6x16	A30-BFINOX	10	Universal rough grinding wheels for use on INOX; surface or edge grinding	 Inox
367548	27	5"	125x6x22.23	A30-BFINOX	10		
367550	27	6"	150x6x22.23	A30-BFINOX	10		
367551	27	7"	178x6x22.23	A30-BFINOX	10		
367554	27	9"	230x6x22.23	A30-BFINOX	10		
368008	27	4"	100x6x16	C30-BF	10	Universal rough grinding wheels for soft to hard stone; natural and artificial stone and concrete	 Stone
367552	27	7"	178x6x22.23	C30-BF	10		
367557	27	9"	230x6x22.23	C30-BF	10		

## BASIC ★ Line: Grinding wheels

For all applications and materials including castings and stone.


Rough grinding wheels in the ★ line distinguish themselves by their high stock removal performance and wheel life, easy handling and fast work.

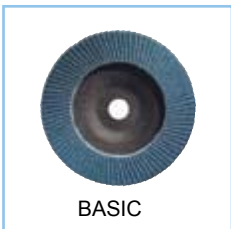
Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
222854	27	4"	100x6x16	A30-BF	10	Rough grinding wheels for grinding different types of steel materials (incl. stainless steels and cast materials)	 2-in-1
222860	27	5"	125x6x22.23	A30-BF	10		
222863	27	7"	178x6x22.23	A30-BF	10		
222865	27	9"	230x6x22.23	A30-BF	10		
222872	27	4"	100x6x16	C30-BF	10	For grinding stone and concrete	 Stone
222043	27	7"	178x6x22.23	C30-BF	10		



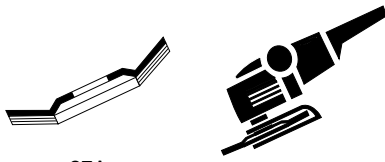
## BASIC ★ Line: Semi-flexible grinding wheels

Aggressive and easy grinding for machining steel, stainless steel, and non-ferrous materials (aluminum, copper, bronze, etc.)

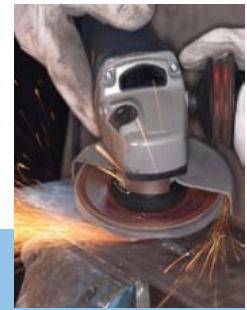
Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
236317	29T	4"	100x16	WA46-BF	25	Aggressive and easy grinding for machining all steel, stainless steel, and non-ferrous metal (aluminum, copper, bronze, etc.)	 2-in-1
236319	29T	5"	125x22.23	WA46-BF	25		
236320	29T	7"	178x22.23	WA46-BF	25		



BASIC



27A



## FLAP DISCS FOR ANGLE GRINDERS

### APPLICATIONS

The flap discs are suitable for grinding work, deburring, trimming, bevelling, cleaning and surface improvement on metals of any kind.

### CONSUMER GROUPS


- Repair workshops, locksmith's shops, forging workshops, shipbuilding, automotive and supplier industry
- Engineering and container construction, reactor construction, foundries, maintenance

### BASIC ★ Line: Flap discs

The all-round products for cost-effective use.

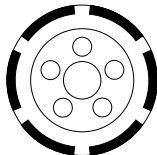
Universally used in industry and craftwork on all metals.

Due to the use of high quality cloths with zirconia alumina, there are no limits to the applications of these products.

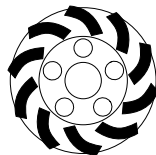
Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
474872	27A	4"	100x16	ZA40-B	10	Versatile tool for universal applications, suitable for angle grinders of any power	 2-in-1
474874	27A	4"	100x16	ZA60-B	10		
474875	27A	4"	100x16	ZA80-B	10		
474877	27A	4"	100x16	ZA120-B	10		



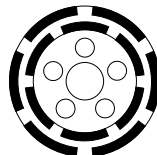
STANDARD



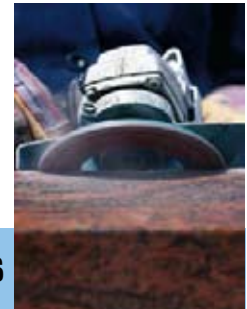
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## DIAMOND CUP WHEELS FOR ANGLE GRINDERS

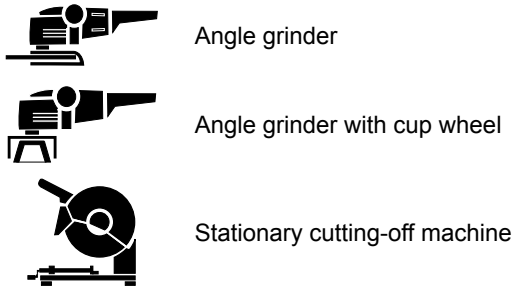
### STANDARD ★★ Line: Diamond cups wheels

TYROLIT diamond cup wheels are excellent on various materials. High stock removal and long service life come as standards!

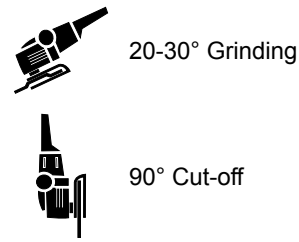
Type Number	Shape	Diameter in Inch	Dimension in mm.	Specification	PU	Comment	Applications /Materials
494333	STS-S-THS09	4"	100x18x22.23	DGU★★	1	Professional tool with excellent value for money S = single row T = turbo D = double row	 Stone
494342	STS-T-THS08	4"	100x18x22.23	DGU★★	1		
494391	STS-T-THS14	7"	180x32x22.23	DGU★★	1		
494339	STS-D-THS10	4"	100x18x22.23	DGU★★	1		
494394	STS-D-THS16	7"	180x32x22.23	DGU★★	1		

# KEY FOR PICTOGRAMS

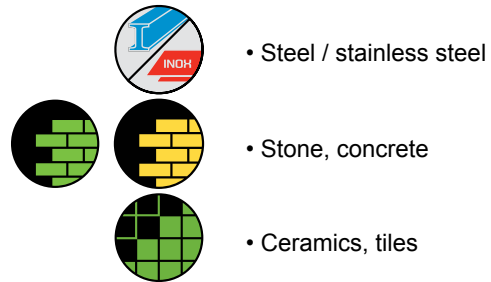
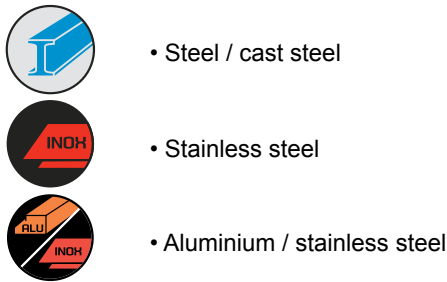
## Machines



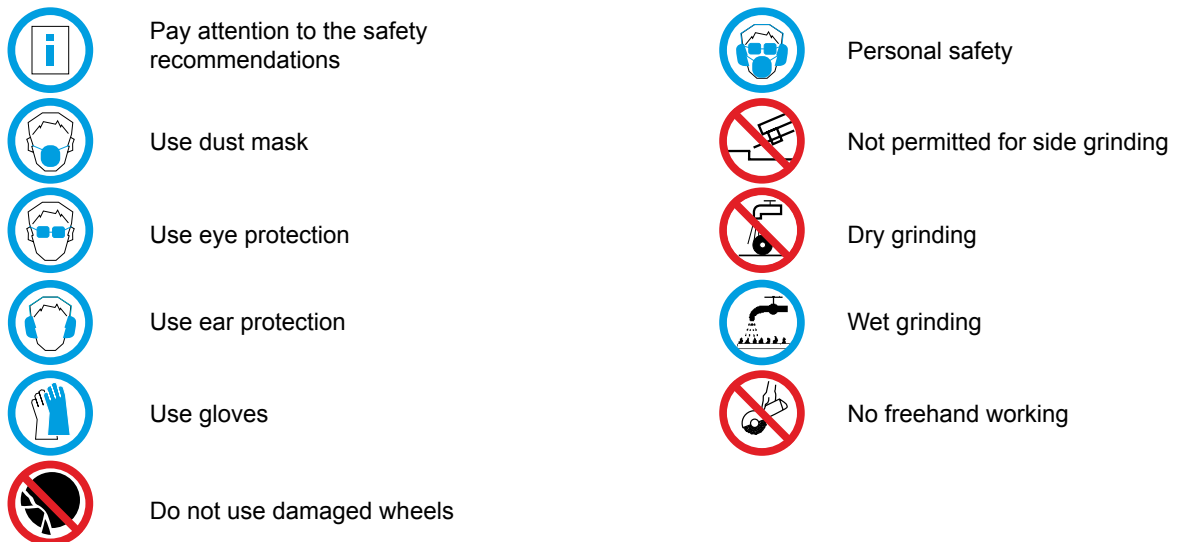
## Application



## Materials



## Safety Information



# STORAGE OF THE GRINDING WHEELS

Grinding wheels are to be stored in suitable racks or containers so that they are not damaged and so that it is easily possible to remove wheels without disturbing the storage setup. Older stock should be used first.

During storage, the following must be noted:

- Store grinding wheels in a dry and rust-free condition
- Do not expose grinding wheels to large temperature fluctuations

Storage for various types of grinding wheel:

- Store cut-off wheels on a level underlay without intermediate layers, and weight them down with a steel or cast metal plate
- Store large straight grinding wheels in an upright position and make sure they cannot roll away
- Store small grinding wheels in suitable containers





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**TYROLIT**