



2.4 Grinding wheels for straight grinders





Grinding wheels for straight grinders

Straight grinders are always in high demand when precise results are required on difficult-to-access areas. Their versatile application options make them a popular tool. In order to fulfil the high standards TYROLIT sets for itself, great importance was attached to the low-vibration grinding properties of the products during their design.

The range easily meets the general demands of economic efficiency, high stock removal rates, simple handling and above-average lifetimes. All TYROLIT rough grinding wheels

are manufactured and tested in accordance with EN12413. Uniform colour coding helps you to find the appropriate product for your application.

Shapes



1F80

Rough grinding wheel

Application recommendation



Performance level	Specification	Steel	Stainless steel	NF metals	Cast iron	Pages
 PREMIUM	A30S-BFX80	•				102
	A30R-BFX80		•			102
	A36N-BFX80			•		103
	ZA24P-BFX80				•	103

Items with grey lettering are only available on request.



Grinding Wheels 1F80 for steel



The PREMIUM*** 1F80 high-performance rough grinding wheel is particularly suitable for universal grinding tasks on hard-to-reach areas. Using the wheel, flutes and notches can be added, and gears can be deburred. In addition, the wheel makes light work of maintaining turbine blades, and

rough grinding curved surfaces in cavities and ridges. For diameters above 80 mm, we recommend using a protection cover.

	Shape		Type no.	Dimension	Specification	PU
		1F80	439061	50x6.0x6	A30S-BFX80	100
			441231	50x10.0x6	A30S-BFX80	100
			441207	50x10.0x10	A30S-BFX80	100
			441226	60x6.0x10	A30S-BFX80	100
			441219	60x10.0x10	A30S-BFX80	100
			441233	70x10.0x10	A30S-BFX80	100
			441223	75x6.0x10	A30S-BFX80	100
			441227	75x25.0x13	A30S-BFX80	100
			441238	100x6.0x8	A30S-BFX80	25
			441239	175x25.0x16	A30S-BFX80	20



Grinding Wheels 1F80 for stainless steel



The PREMIUM*** 1F80 high-performance rough grinding wheel is particularly suitable for universal grinding tasks on hard-to-reach areas. Using the wheel, flutes and notches can be added, and gears can be deburred. In addition, the wheel makes light work of maintaining turbine blades, and

rough grinding curved surfaces in cavities and ridges. For diameters above 80 mm, we recommend using a protection cover.

	Shape		Type no.	Dimension	Specification	PU
		1F80	439059	50x6.0x6	A30R-BFX80	100
			441206	50x10.0x10	A30R-BFX80	100
			441245	50x19.0x10	A30R-BFX80	100
			441243	75x4.0x10	A30R-BFX80	100
			441224	75x15.0x10	A30R-BFX80	100
			441203	100x25.0x25	A30R-BFX80	25
			441204	125x25.0x25	A30R-BFX80	20
			441241	150x25.0x25	A30R-BFX80	20



Grinding Wheels

1F80 for nonferrous metals



The PREMIUM*** 1F80 high-performance rough grinding wheel is particularly suitable for universal grinding tasks on hard-to-reach areas. This product has been specially developed for nonferrous metals and is ideal for adding flutes and notches, as well as deburring gears. In addition, the wheel makes light work of maintaining turbine blades, and

rough grinding curved surfaces in cavities and ridges. For diameters above 80 mm, we recommend using a protection cover.

	Shape	Type no.	Dimension	Specification	PU	
		1F80	441247	50x10.0x10	A36N-BFX80	100
			441248	75x6.0x10	A36N-BFX80	100
			441246	75x25.0x20	A36N-BFX80	100
			441230	100x12.0x22.2	A36N-BFX80	25
			441250	100x20.0x20	A36N-BFX80	25



Grinding Wheels

1F80 for cast iron



The PREMIUM*** 1F80 high-performance rough grinding wheel is particularly suitable for universal grinding tasks on hard-to-reach areas. This product has been specially developed for cast iron and is ideal for adding flutes and notches.

In addition, the wheel makes light work of rough grinding curved surfaces in cavities and ridges. For diameters above 80 mm, we recommend using a protection cover.

	Shape	Type no.	Dimension	Specification	PU	
		1F80	441353	150x25.0x25	ZA24P-BFX80	20

Accessories

For 1F80 rough grinding wheels



These accessories are suitable for clamping all rough grinding wheels available in the TYROLIT assortment for straight grinders.

Please observe the maximum permissible speed.

	Type no.	Dimension	Specification	PU	
	100SS	803404	S6/H10/M10	SS171	1
		846442	S6/H6/M6	SS174	1