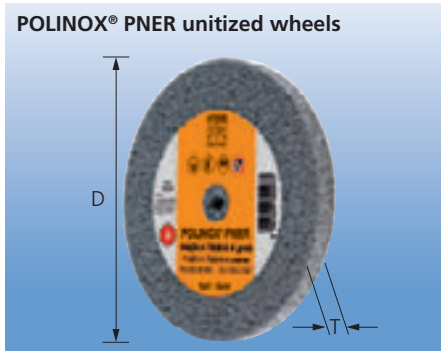


Non-woven abrasives

POLINOX® PNER unitized wheels



POLINOX® PNER unitized wheels have been designed for straight grinders and flexible shaft drives.

They are recommended for work on small surfaces of stainless steel (INOX) and titanium alloy components. Unmounted grinding wheels with diameter 6" can also be used on grinding blocks, for reworking surgical instruments for example.

**Abrasive: Aluminum oxide A
Silicon carbide SiC**

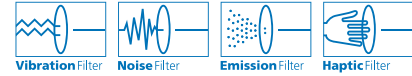
Recommendation for use


POLINOX® PNER unitized wheels achieve their best performance at a cutting speed of about 6,000 SFPM.

PFERD specification number

PNER

PFERDERGONOMICS®



Diameter (D) x width (T) [Inches]	Arbor hole	Abrasive	Grit size	Density	Spec.	EDP number	Suitable drive arbor	Recom. speed RPM	Max. speed RPM	
2 x 1/8	1/4	Aluminum oxide	fine	hard (H)	8AM	48268	EDP 69029	9,500	15,300	10
3 x 1/8	1/4	Aluminum oxide	fine	hard (H)	8AM	48288	EDP 69029	6,400	10,200	10
3 x 1/4	1/4	Silicon carbide	fine	soft (W)	2SF	48290	EDP 69029	6,400	10,200	5
3 x 1/4	1/4	Aluminum oxide	coarse	soft (W)	2AM	48291	EDP 69029	6,400	10,200	5
3 x 1/4	1/4	Silicon carbide	fine	medium-soft (MW)	3SF	48292	EDP 69029	6,400	10,200	5
3 x 1/4	1/4	Aluminum oxide	fine	medium-soft (MW)	3AF	48293	EDP 69029	6,400	10,200	5
3 x 1/4	1/4	Aluminum oxide	fine	medium-hard (MH)	6AF	48295	EDP 69029	6,400	10,200	5
3 x 1/4	1/4	Aluminum oxide	coarse	hard (H)	8AC	48299	EDP 69029	6,400	10,200	5
3 x 1/2	1/4	Silicon carbide	fine	soft (W)	2SF	48310	EDP 69029	6,400	10,200	5
3 x 1/2	1/4	Aluminum oxide	coarse	soft (W)	2AM	48311	EDP 69029	6,400	10,200	5
3 x 1/2	1/4	Silicon carbide	fine	medium-soft (MW)	3SF	48312	EDP 69029	6,400	10,200	5
3 x 1/2	1/4	Aluminum oxide	fine	medium-soft (MW)	3AF	48313	EDP 69029	6,400	10,200	5
3 x 1/2	1/4	Aluminum oxide	fine	medium-hard (MH)	6AF	48315	EDP 69029	6,400	10,200	5
3 x 1/2	1/4	Aluminum oxide	coarse	hard (H)	8AC	48319	EDP 69029	6,400	10,200	5
6 x 1	1	Silicon carbide	fine	soft (W)	2SF	48420	EDP 45714	3,200	5,100	1
6 x 1	1	Silicon carbide	fine	medium-soft (MW)	3SF	48422	EDP 45714	3,200	5,100	1
6 x 1	1	Aluminum oxide	fine	medium-soft (MW)	3AF	48423	EDP 45714	3,200	5,100	1
6 x 1	1	Aluminum oxide	fine	medium-hard (MH)	6AF	48425	EDP 45714	3,200	5,100	1
6 x 1	1	Aluminum oxide	coarse	hard (H)	8AC	48429	EDP 45714	3,200	5,100	1




Arbors for POLINOX® PNER unitized wheels

Re-usable arbor for POLINOX® PNER unitized wheels.

PFERD specification number

BO



Shank dia. [Inches]	Clamping width [Inches]	Fits arbor hole size [Inches]	EDP number	
1/4	1/8 - 1/4	1/2	69029	1
1/2	1 - 2	1	45714	1

Polishing products

Cloth rings and arbors



These cloth rings are available in four types:

- ST sisal fabric = pre-polishing
- TH hard cloth = pre-polishing
- TW soft cloth = high-gloss polishing
- FL flannel = high-gloss polishing

Cloth rings used with polishing pastes for pre-polishing and high-gloss polishing tasks. For very smooth finishes it may be recommended to use several, or even all, types in succession.

Recommended peripheral speeds

TW and FL 1,000 - 3,000 SFPM
ST and TH 2,000 - 3,000 SFPM

Recommendations for use

- Pre-polishing of steel or stainless steel, cloth ring sisal fabric or hard cloth with green polishing paste (EDP 48760).






- Pre-polishing of aluminum or brass, cloth ring sisal fabric or hard cloth with grey polishing paste (EDP 48761).
- Pre-polishing of non-ferrous metals, cloth ring sisal fabric or hard cloth with brown polishing paste (EDP 48762).
- High-gloss polishing of all metals, cloth rings soft cloth or flannel with pink polishing paste (EDP 48763).
- High-gloss polishing of plastics, cloth rings soft cloth or flannel with beige polishing paste (EDP 48764).

PFERD specification number

TR

Diameter [Inches]	Centre hole dia. [Inches]	Face width [Inches]		Type and EDP number				Recom. speed RPM	Max. RPM	Suitable arbors		📦
		Sisal	Hard, soft and flannel	ST sisal fabric	TH hard cloth	TW soft cloth	FL flannel			Sisal	Hard, soft and flannel	
3	3/8	3/4	3/8	48710	48720	48730	48740	2,500	7,500	EDP 69027	EDP 69027	5
4	3/8	3/4	3/8	48711	48721	48731	48741	1,900	6,100	EDP 69027	EDP 69027	5
5	3/4	3/4	3/8	48712	48722	48732	48742	1,300	4,900	EDP 69027	EDP 69032	5
6	3/4	1	3/8	48713	48723	48733	48743	1,250	4,000	EDP 69032	EDP 69032	5
8	3/4	1	3/8	48714	48724	48734	48744	950	3,000	EDP 69032	N/A	5

These arbors can be used to mount PFERD felt wheels and cloth rings.

Arbor	Shank diameter (D) [Inches]	Clamping width (L) [Inches]	Fits arbor hole size [Inches]	EDP number	📦
	1/4	3/16 - 3/4	1/4	69029	1
	1/4	0 - 5/16	3/8	69027	1
	1/4	3/8 - 1-1/4	3/8	69031	1
	1/4	1/8 - 1/2	1/2, 5/8	84656	1
	3/8	1/4 - 1	1/2, 3/4	69032	1

