

Poliflex fine grinding tools with the GR bond are manufactured with pink aluminium oxide. The GR bond is an elastomer-based soft bond. Suitable for use on surfaces.

Poliflex fine grinding tools with the GHR bond are manufactured with an abrasive grain mixture comprising aluminium oxide and silicon carbide (SiC). The GHR bond is likewise a soft yet sturdy elastomer-based bond. Suitable for use on edges.

Advantages:

- For achieving a fine, shiny surface finish.
- **GR:** Soft grinding thanks to soft, elastic bond.
- **GHR:** Soft grinding with a longer tool life.

Abrasive:

- White aluminium oxide AW
- Silicon carbide SiC

Applications:

- Step-by-step fine grinding

Matching tool drives:

- Flexible shaft drives
- Straight grinders

Recommendations for use:

- Depending on the application, profile with a diamond dresser or with ceramic dressing stones at a low rotational speed. Please refer to catalogue section 3 for detailed information and ordering data for dressing tools.
- **GR:** For best performance, use with a recommended cutting speed of 10–12 m/s.
- **GHR:** For best performance, use with a recommended cutting speed of 20–25 m/s.

Ordering notes:

- When ordering, please state the EAN or the full description.

Safety notes:

- For safety reasons, the specified maximum permitted rotational speed must never be exceeded.
- The clamping length of the shank must be at least 10 mm.



Poliflex fine grinding points PF ZY GR/GHR

Fine grinding points in cylindrical shape, for fine grinding of small surfaces.


Ordering notes:

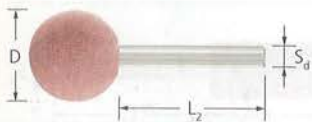
- Poliflex fine grinding points with a grit size of 400 are manufactured from the abrasive AW white aluminium oxide.
- Please complete the description with the desired grit size.



D [mm]	T [mm]	S _d [mm]	L ₂ [mm]	Grit size					Opt. RPM	Max. RPM	Description	
				46	80	120	220	400				
EAN 4007220												
Shank dia. 3 mm GR												
4	8	3	30	-	-	144800	-	-	47,500	71,600	10	PF ZY 0408/3 AR ... GR
6	10	3	30	-	-	144824	-	-	32,000	47,700	10	PF ZY 0610/3 AR ... GR
8	8	3	30	-	-	144848	144855	-	24,000	35,800	10	PF ZY 0808/3 AR ... GR
	12	3	30	-	-	144886	144893	-	24,000	35,800	10	PF ZY 0812/3 AR ... GR
10	6	3	30	-	-	145838	-	-	19,000	28,600	10	PF ZY 1006/3 AR ... GR
	10	3	30	-	-	144947	144954	-	19,000	28,600	10	PF ZY 1010/3 AR ... GR
	15	3	30	-	-	145036	145043	-	19,000	28,600	10	PF ZY 1015/3 AR ... GR
12	8	3	30	-	-	145883	-	-	16,000	23,800	10	PF ZY 1208/3 AR ... GR
	12	3	30	-	-	145203	-	-	16,000	23,800	10	PF ZY 1212/3 AR ... GR
	20	3	30	-	-	145265	-	-	16,000	23,800	10	PF ZY 1220/3 AR ... GR
Shank diameter of 6 mm GR												
10	10	6	40	-	-	144992	-	-	19,000	28,600	10	PF ZY 1010/6 AR ... GR
	15	6	40	-	-	145081	145098	-	19,000	28,600	10	PF ZY 1015/6 AR ... GR
	25	6	40	-	533925	145128	145135	-	19,000	28,600	10	PF ZY 1025/6 AR ... GR
12	8	6	40	-	-	145913	-	-	16,000	23,800	10	PF ZY 1208/6 AR ... GR
	12	6	40	-	-	145234	-	-	16,000	23,800	10	PF ZY 1212/6 AR ... GR
	20	6	40	-	-	145296	145302	-	16,000	23,800	10	PF ZY 1220/6 AR ... GR
15	15	6	40	-	-	145371	-	-	12,500	19,000	10	PF ZY 1515/6 AR ... GR

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D [mm]	T [mm]	S _d [mm]	L ₂ [mm]	Grit size					Opt. RPM	Max. RPM		Description
				46	80	120	220	400				
EAN 4007220												
15	25	6	40	-	-	145418	145425	-	12,500	19,000	10	PF ZY 1525/6 AR ... GR
	30	6	40	-	-	145470	145487	-	12,500	19,000	10	PF ZY 1530/6 AR ... GR
20	12	6	40	-	-	145982	-	-	9,500	14,300	10	PF ZY 2012/6 AR ... GR
	20	6	40	-	-	145562	145579	-	9,500	14,300	10	PF ZY 2020/6 AR ... GR
	30	6	40	-	534113	145630	-	-	9,500	14,300	10	PF ZY 2030/6 AR ... GR
25	15	6	40	-	-	146026	-	-	7,500	14,300	10	PF ZY 2515/6 AR ... GR
	25	6	40	-	-	145708	145715	-	7,500	11,400	10	PF ZY 2525/6 AR ... GR
30	20	6	40	-	-	146057	-	-	6,500	9,500	5	PF ZY 3020/6 AR ... GR
	30	6	40	-	-	145760	-	-	6,500	9,500	5	PF ZY 3030/6 AR ... GR
Shank dia. 8 mm GR												
40	25	8	40	-	-	146095	-	-	4,500	9,500	5	PF ZY 4025/8 AR ... GR
Shank dia. 3 mm GHR												
4	8	3	30	-	-	-	-	533734	100,000	143,200	10	PF ZY 0408/3 AW ... GHR
8	12	3	30	-	-	533765	-	-	60,000	71,600	10	PF ZY 0812/3 ANCN ... GHR
						-	-	533772	60,000	71,600	10	PF ZY 0812/3 AW ... GHR
10	10	3	30	-	-	533871	-	-	45,000	57,200	10	PF ZY 1010/3 ANCN ... GHR
	15	3	30	-	-	533895	-	-	45,000	52,000	10	PF ZY 1015/3 ANCN ... GHR
Shank dia. 6 mm GHR												
10	25	6	40	-	-	533956	-	-	45,000	57,200	10	PF ZY 1025/6 ANCN ... GHR
						-	-	533970	45,000	57,200	10	PF ZY 1025/6 AW ... GHR
15	30	6	40	145555	534069	-	-	-	32,000	47,700	10	PF ZY 1530/6 ANCN ... GHR
20	30	6	40	145692	-	-	-	-	24,000	28,600	10	PF ZY 2030/6 ANCN ... GHR
25	25	6	40	145753	-	-	-	-	19,000	22,900	10	PF ZY 2525/6 ANCN ... GHR



Poliflex fine grinding points PF KU GR/GHR

Fine grinding points in ball shape for fine grinding inner radii, contours and transitions.

Ordering notes:

- Please complete the description with the desired grit size.

D [mm]	S _d [mm]	L ₂ [mm]	Grit size		Opt. RPM	Max. RPM		Description
			120	EAN 4007220				
Shank dia. 3 mm								
8	3	30	146217		24,000	35,800	10	PF KU 08/3 AR ... GR
10	3	30	146231		19,000	28,600	10	PF KU 10/3 AR ... GR
Shank dia. 6 mm								
12	6	40	146255		16,000	23,800	10	PF KU 12/6 AR ... GR
15	6	40	146279		12,500	19,000	10	PF KU 15/6 AR ... GR
20	6	40	146293		9,500	14,300	10	PF KU 20/6 AR ... GR
25	6	40	146316		7,500	11,400	10	PF KU 25/6 AR ... GR
30	6	40	146323		6,500	9,500	5	PF KU 30/6 AR ... GR