

PFERD cones and plugs are made of regular aluminum oxide in a high-quality resinoid bond. Because of their hardness, these products are noted for their good stock removal rates and high durability.

Advantages:

- High stock removal rate.
- High edge-holding and dimensional stability.
- Cool grinding properties reduce the thermal load on the workpiece.

Application examples:

- Weld dressing on steel removing excess weld metals.
- Chamfering in preparation of welding operations.
- Grinding in hard-to-reach workpiece areas.
- Removing parting lines and imperfections at casting parts.
- Smoothing rough castings.

Recommendations for use:

- Cones and plugs perform best at the recommended peripheral speed of 6,900–9,800 SFPM.
- Recommended power tools include flexible shafts, electric or air-powered straight grinders and angle grinders.

Safety recommendations:

- The maximum speed is calculated in accordance with ANSI B7.1.
- Never exceed the maximum RPM listed on the label.



= Wear eye protection!



= Wear hearing protection!



= Wear dust respirators!



= Wear gloves!



= Follow the safety instructions!

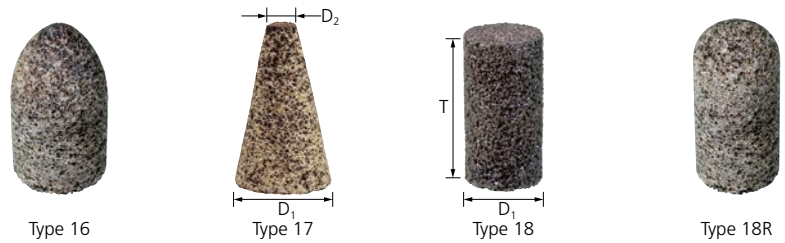



= Read the Safety Data Sheets (SDS) before using any materials!



Cones and plugs

Cones and plugs are used for steel, cast steel and cast iron.



D ₁ [Inches]	D ₂ [Inches]	T [Inches]	Grit size	Thread and EDP number		Recom. RPM	Max. RPM	
				3/8-24	5/8-11			
Curved (type 16)								
1-1/2	-	2-1/2	16	61816	-	24,000	24,100	10
		3	16	-	61820	24,000	24,100	10
1-3/4	-	3	16	-	61826	20,600	20,700	10
2	-	3	16	-	61829	18,100	18,100	10
2-3/4	-	3-1/2	16	-	61837	13,100	13,200	10
3	-	3	16	-	61838	12,000	12,500	10
Tapered (type 17)								
1-1/2	3/8	2-1/2	16	61850	61851	24,000	24,100	10
	1/2	3	16	61854	61855	24,000	24,100	10
2	1/2	3	16	-	61859	14,500	18,100	10
Straight (type 18)								
1	-	2	16	61883	-	36,100	36,200	10
1-1/2	-	2-1/2	16	61884	61885	24,000	24,100	10
		3	16	61888	61889	24,000	24,100	10
2	-	3	16	-	61893	18,100	18,100	10
Straight (type 18R)								
1-1/2	-	2-1/2	16	61927	61928	24,000	24,100	10
		3	16	61931	61932	24,000	24,100	10
2	-	3	16	-	61936	18,100	18,100	10
3	-	3	16	-	61937	12,000	12,500	10