

# Cut-off wheels

## Depressed centre (type 27) and flat (type 1) – Performance line SG



Steel/cast iron  
Hardness grade S



PFERD's best selling range of cut-off wheels for steel are globally recognized for their fast, free cutting performance and excellent service life. The price/performance ratio makes these wheels a top value worldwide.

**Abrasive: Aluminum oxide A**

**Workpiece materials**

Steel, cast iron

**Applications**



Cutting of sections and solid material

**Recommendations for use**

- .045" thickness for fast, convenient cutting with minimized burr formation.
- 3/32" thickness for universal cut-off applications.
- 1/8" thickness for maximum service life with high lateral stability.
- The use of 3" support flanges (page 58) increases wheel stability and ensures precise cutting guidance. Highly recommended for use with thin 7" and 9" flat (type 1) cut-off wheels.

**PFERD specification number**

A 24/30/46 S SG

Diameter x thickness nominal [Inches]	Thickness metric [mm]	Unthreaded arbor hole			Threaded arbor hole			Max. RPM
		Bore [Inches]	EDP number		Thread	EDP number		
<b>Depressed centre (type 27)</b>								
4 x 3/32	2.4	5/8	63102	25	-			15,300
4 x 1/8	3.2	3/8	63101	25	-			15,300
4-1/2 x .045	1.6	7/8	63162	25	5/8-11	63182	10	13,300
4-1/2 x 3/32	2.4	7/8	63103	25	5/8-11	63114	10	13,300
4-1/2 x 1/8	3.2	7/8	63104	25	5/8-11	63115	10	13,300
5 x .045	1.6	7/8	63163	25	5/8-11	63183	10	12,200
5 x 3/32	2.4	7/8	63105	25	5/8-11	63116	10	12,200
5 x 1/8	3.2	7/8	63106	25	5/8-11	63117	10	12,200
6 x .045	1.6	7/8	63164	25	5/8-11	63184	10	10,200
6 x 1/8	3.0	7/8	63107	25	5/8-11	63119	10	10,200
7 x .045	1.9	7/8	63165	25	-			8,600
7 x 1/8	3.2	7/8	63109	25	5/8-11	63112	10	8,600
9 x 1/8	3.2	7/8	63111	25	5/8-11	63113	10	6,600
<b>Flat (type 1)</b>								
4 x 3/32	2.4	5/8	63502	25	-			15,200
4-1/2 x 3/32	2.4	7/8	63503	25	-			13,300
5 x 3/32	2.4	7/8	63505	25	-			12,200
7 x .045	1.9	7/8	69975	25	-			8,600
7 x 1/8	2.9	7/8	63508	25	-			8,600
9 x .065	1.9	7/8	69995	25	-			6,600
9 x 1/8	2.9	7/8	63510	25	-			6,600