

# Cut-off wheels

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

Aluminum/non-ferrous metals  
Hardness grade N



Engineered for problem-free cutting of aluminum and all soft metals. Paraffin-free design leaves residue-free surface for immediate welding without secondary surface cleaning operation.

**Abrasive: Aluminum oxide A**

Contains no fillers which might leave an undesirable surface residue. The workpiece can be welded right away, without any further treatment.

**Workpiece materials**

Aluminum, non-ferrous metals

**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 only type 1 wheels are 1/8" in the table, no need for support flanges.

**PFERD specification number**

A 24/30 N SG-ALU

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>								
4-1/2 x .045	1.6	7/8	63177	25	5/8-11	63197	10	13,300
4-1/2 x 3/32	2.4	7/8	63131	25	5/8-11	63137	10	13,300
5 x .045	1.6	7/8	63178	25	5/8-11	63198	10	12,200
5 x 3/32	2.4	7/8	63133	25	5/8-11	63139	10	12,200
6 x .045	1.6	7/8	63179	25	5/8-11	63199	10	10,200
7 x .045	1.6	7/8	63180	25	-			8,600
7 x 1/8	2.9	7/8	63135	25	5/8-11	63141	10	8,600
9 x 1/8	2.9	7/8	63136	25	5/8-11	63142	10	6,600
<b>Flat (type 1)</b>								
4-1/2 x 3/32	2.4	7/8	63602	25	-			13,300
5 x 3/32	2.4	7/8	63603	25	-			12,200
7 x 1/8	2.9	7/8	63605	25	-			8,600
9 x 1/8	2.9	7/8	63606	25	-			6,600

