

Design

The Hallite 860 is a metal cased wiper, designed to press-fit into open groove housings. Hallite's 860 wiper comprises a precisely trimmed polyurethane wiping element which is securely bonded to a metal case treated with a rust inhibitor. Capable of operating in dirty conditions, the proportions of the polyurethane wiping lip allow it to follow the side movement of the rod and to clear away heavily deposited dirt.

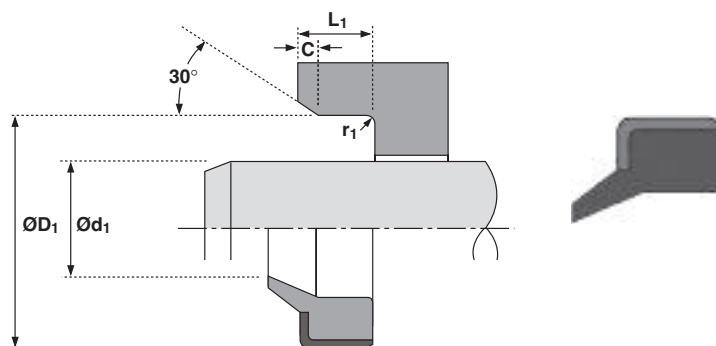
Suitable for light, medium and heavy duty applications, the wiper has been designed to provide ease of installation and offers excellent durability in service. The Hallite 860 offers a range of sizes suitable for ISO 6195 type B housings and a range for standard Asian housings.

NB: Part numbers suffixed by "+" are designed for Asian housings.

Part numbers suffixed by "‡" indicate housing sizes to meet ISO 6195 type B.

Features

- Ease of assembly
- Long life
- Precision trimmed wiping lip
- Metal case treated with a rust inhibitor
- Wide range of application uses
- Range includes ISO & standard Asian housings



Technical details

Operating conditions

Maximum Speed	1.0 m/sec
Temperature Range	-40°C +100°C

Inch	
Maximum Speed	3.0 ft/sec
Temperature Range	-40°F +212°F

Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic Sealing Face Ød ₁	0.1 <> 0.4	4 max	4 <> 16	5 <> 18
Static Sealing Face ØD ₁	1.6 max	10 max	63 max	70 max
Static Housing Faces L ₁	3.2 max	16 max	125 max	140 max

Chamfers & Radii

	≤ 19	≥ 19
Rod Diameter Ød ₁ mm	≤ 19	≥ 19
Min Chamfer C mm	0.5	1.0
Max Fillet Rad r ₁ mm	0.4	0.4
Rod Diameter Ød ₁ in	< 0.75	≥ 0.75
Min Chamfer C in	0.020	0.040
Max Fillet Rad r ₁ in	0.016	0.016

Tolerances

Ød ₁	ØD ₁	L ₁ mm	L ₁ in
f9	H8	+0.5 -0	+0.020 -0



wipers