

The Original

Imitation is the sincerest form of flattery. But don't be fooled by the imitators, there's only one ORIGINAL. Norton invented the first door closer in 1880 and continues to produce innovative, durable, high-quality products unmatched for reliability.



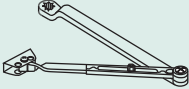
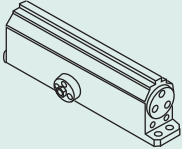
The 1600 Series

Ideal for aluminum storefronts, office doors, utility closets and storage rooms, these closers are produced in our facility in Monroe, North Carolina.

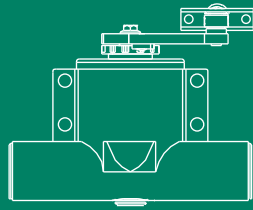


The Difference

What makes the 1600 better than the imitators?

 	<p>CERTIFICATION</p> <ul style="list-style-type: none"> • 12 million cycles independently witnessed and verified; long life and durability • BHMA and UL certified; designed to meet tough standards
	<p>ARMS</p> <ul style="list-style-type: none"> • Robust arms; designed for high usage • 18 arm assembly options; meets any application demand • Quick adjust; allows for ease of installation
	<p>PINION DESIGN</p> <ul style="list-style-type: none"> • Precision machined formed; provides greater efficiency and flexibility • Crowned pinions; vital for long life and better teeth engagement <p>ZINC VALVES</p> <ul style="list-style-type: none"> • Provide better durability than aluminum • Withstands thermal changes; minimizes need for adjustment <p>FILTER NOT NEEDED</p> <ul style="list-style-type: none"> • Norton uses all weather fluid and top quality parts; clean environments don't require filters • Aluminum import closers need filters to trap debris caused by cheap oil and poorly made parts





The 1600 Series: an Original

	NORTON ORIGINAL ADVANTAGE	NORTON 1600	PAMEX 8700	CAL-ROYAL 300	TAYMOR 14-HC604	DESIGN HARDWARE 116AL	CPR-CAL ROYAL 740	INTERNATIONAL 8051-TP
Arm Thickness	Robust arms are designed for high usage	.375"	.267"	.270"	.266"	.406"	.266"	.267"
Arm Adjustment	Quick adjust arms allow for ease of installation	Quick Adjust	Threaded	Threaded	Threaded	Threaded	Threaded	Threaded
Pinion Form	Precision machined parts increase closer efficiency	Precision Machined	Roll Cold Formed	Roll Cold Formed	Roll Cold Formed	Roll Cold Formed	Roll Cold Formed	Roll Cold Formed
Pinion Crowning	Crowning is vital to long life and better teeth engagement	Yes	No	No	No	No	No	No
Pinion Journals	Larger pinion journals provide long life; essential in abusive situations	.625"	.589"	.625"	.589"	.629"	.590"	.624"
Filter Needed	Cheap oil and poorly made parts generate debris. Filters are required.	No	Yes	Yes	No	Yes	Yes	Yes
Valves	Zinc has better durability properties and withstands thermal changes better than aluminum or brass	Zinc	Aluminum	Aluminum	Aluminum	Aluminum	Brass	Aluminum

Norton Door Controls
3000 Highway 74 East • Monroe, NC 28112
Tel: 1-877-974-2255 • Fax: 1-800-338-0965

Norton® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company. Other products' brand names may be trademarks or registered trademarks of their respective owners and are mentioned for reference purposes only. These materials are protected under U.S. copyright laws. All contents current at time of publication. Copyright © 2015, Yale Security Inc., an ASSA ABLOY Group company. All rights reserved. Reproduction in whole or in part without the express written permission of Yale Security Inc. is prohibited.

43311-3/15R