

# SARGENT AND GREENLEAF®

A Subsidiary of Stanley Security Solutions, Inc.

## Group 1 and Group 1R Mechanical Safe Locks



D054 DIAL  
R162 RING

Locks, Dials & Rings

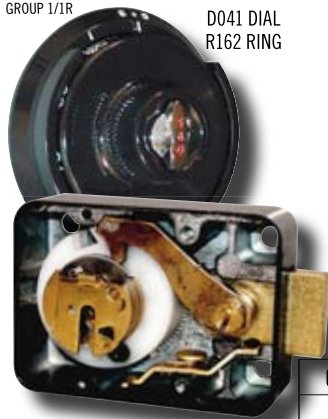
- 8550 Series: Underwriters Laboratories Listed Group 1, VdS Class 2, CEN B, DNV 3492, CNPP A2P B/E.
- 8560 Series: Underwriters Laboratories Listed Group 1R.
- Three wheels (made of brass and aluminum or acetal resin) provide 1,000,000 theoretical combinations.
- Manipulation resistance tested and verified by Underwriters Laboratories to exceed 20 man-hours.
- The 8560 Series has also been tested against 20 man-hours of radiological imaging attacks by Underwriters Laboratories.
- Internal relock trigger secures the lock in the event of a burglar's punch attack.
- Mount right-hand, left-hand, vertical-up, or vertical-down.

Lock Bodies (only)	Order Number	No. of Wheels	Notes
	8550-003	3	U.L. Listed Group 1 (metal wheels)
	8560-004	3	U.L. Listed Group 1R (acetal resin wheels)

Order Number	No. of Wheels	Notes
8550-100	3	U.L. Listed Group 1 lock with D054 Spy-Proof® B&W dial and ring
8560-100	3	U.L. Listed Group 1R lock with D054 Spy-Proof® B&W dial and ring

Dials & Rings (only)  
for 8500 Series

Dial	Ring	Notes
D054-004	R162-002	B&W Spy-Proof® dial and matching ring (order each separately)
D540-004	R167-002	B&W, Spy-Proof® dial and matching ring (order each separately)
D540-006	R167-014	sat in chrome, Spy-Proof® dial and matching ring (order each separately)
D560-002	R211-002	B&W, front reading dial and matching ring (order each separately)
D560-008	R211-004	sat in chrome, front reading dial and matching ring (order each separately)



D041 DIAL  
R162 RING

Lock Bodies (only)

- The 8400 Series is the direct descendant of the original MP Manipulation Proof® combination lock.
- 8410 and 8415 models are Underwriters Laboratories Listed Group 1. 8430 and 8435 models are Underwriters Laboratories Listed Group 1R.
- Tested and verified by Underwriters Laboratories to resist 20 man-hours of expert manipulation.
- Three combination wheels (made of brass and aluminum or acetal resin) offer 1,000,000 theoretical unique combinations.
- Designed and constructed to perform in the most demanding applications.
- Internal relock trigger secures the lock in the event of a punch attack.
- Using a Centi-Spline dial, the lock can be mounted right-hand, left-hand, vertical-up, or vertical-down.

Order Number	Number of Wheels	Notes
8410-009	3	U.L. Group 1 MP lock
8415-002	3	Group 1 MP with attached tube for insulated safe applications
8430-002	3	U.L. Group 1R MP lock
8435-004	3	Group 1R MP with attached tube for insulated safe applications

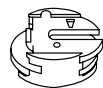
Locks, Dials & Rings

Order Number	Number of Wheels	Notes
8410-100	3	Group 1 lock with B&W D041 Spy Proof dial and ring
8430-101	3	Group 1R lock with B&W D041 Spy Proof dial and ring

Dials & Rings (only)

Dial	Ring	Notes
D041-010	R162-002	B&W Spy-Proof® Centi-Spline dial and matching ring (order each separately)
D037-002	R004-002	B&W front reading Centi-Spline dial and matching ring (order separately)

Parts for the 8400



U22 Slider  
Drive Cam



U14 Inner Spindle  
max. door thickness of  
3.4" (86 mm)



U18 Spline Key

