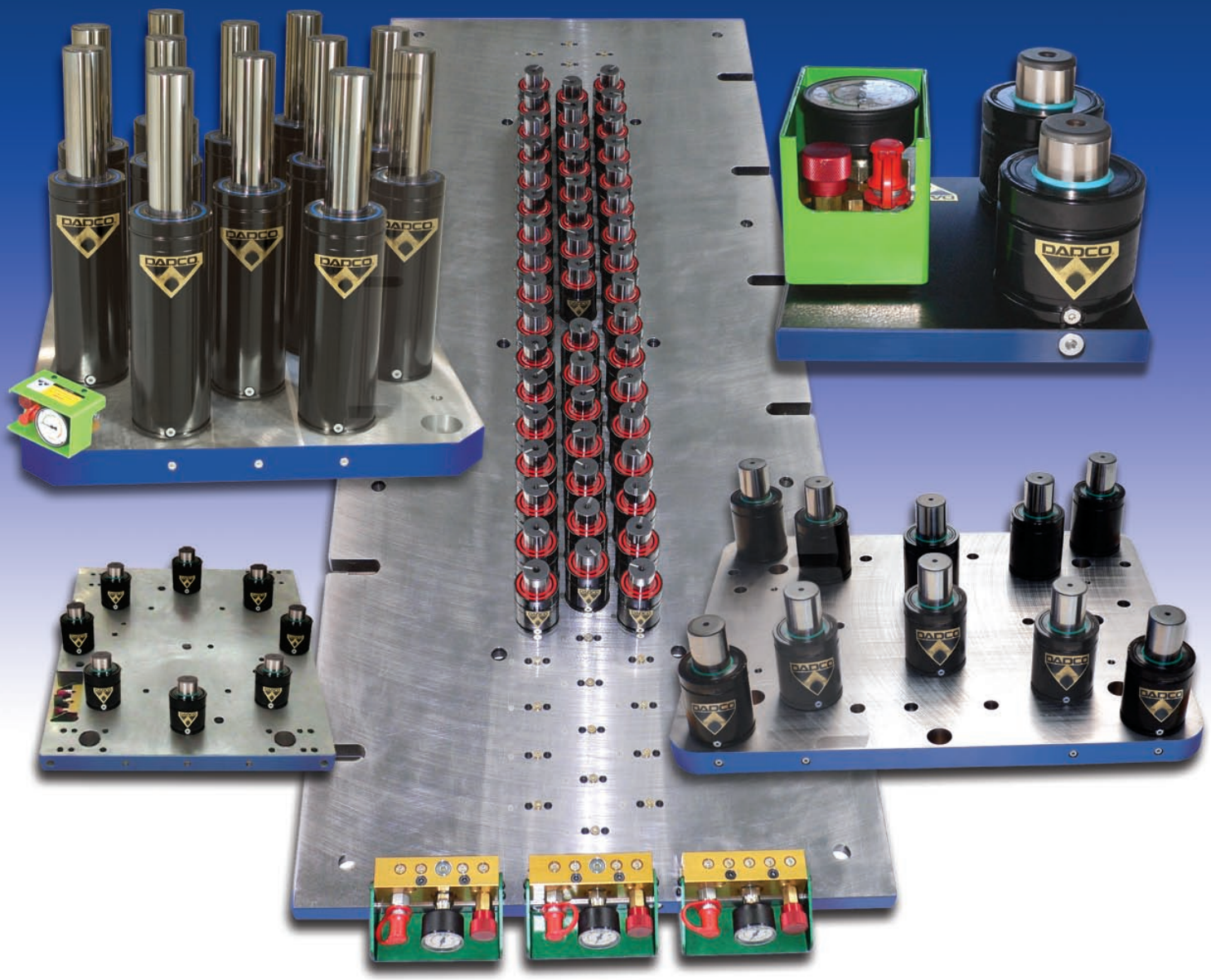
Bulletin No. B07104A

DADCO®

Sectional Mounting System - Internal

SMS-i®



Alternative to Traditional Manifolds

Sectional Mounting System - Internal (SMS-i®)

DADCO's Sectional Mounting System - Internal (SMS-i®) is an increasingly popular alternative to conventional manifold systems. SMS-i® utilizes DADCO gas springs mounted to a base plate and all the connecting passages are drilled within the plate, obviating the need for external hose and fittings. DADCO's SMS-i® is less expensive, performs better and is easier to maintain than conventional manifold systems. Each SMS-i® is factory tested to assure leak-free operation and is shipped ready to install. Contact DADCO Engineering for a proposal.

Features

- Simplifies design with internal plumbing
- Cost effective
- Tight configurations possible
- Quick delivery
- Less machining in the die
- Easy maintenance and installation

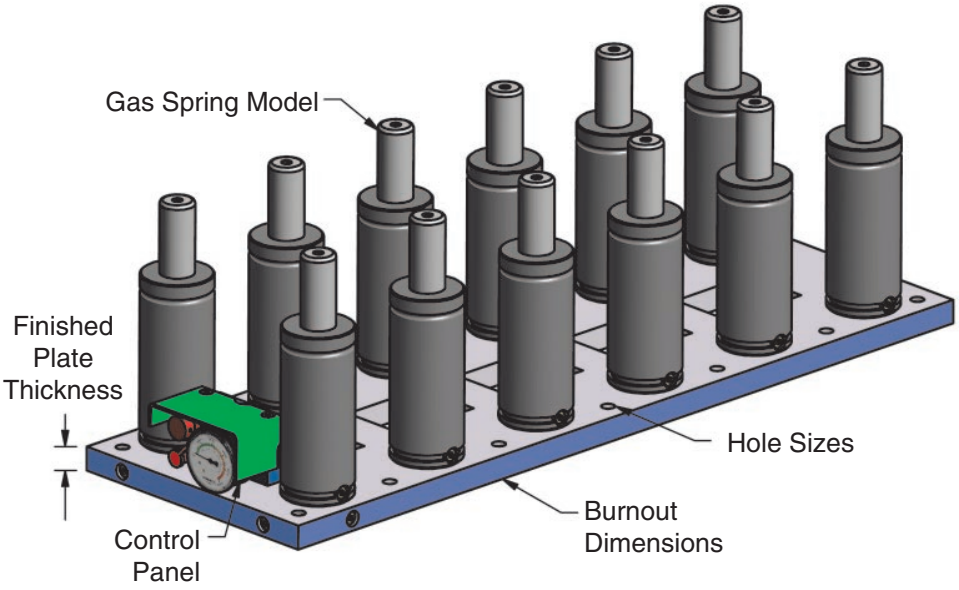
DADCO applies the following standards for Sectional Mounting System - Internal (SMS-i®) layouts unless otherwise specified.

SMS-i® Layout	DADCO Standard
Plate Thickness*	25 mm, .98˝ Recommended
Plate Material	A36 HRS, Normalized Blanchard Ground
Plate Edges	Burned out and Painted
Fasteners	Metric SHCS

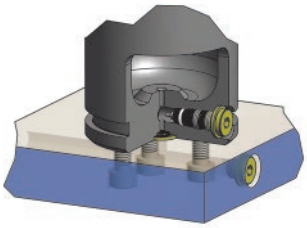
*Varies by system configuration

Sample SMS-i® Layout

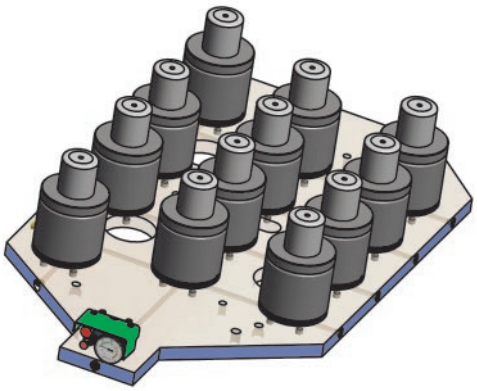
Send DADCO your new system specifications or your current manifold design to discover the advantages. When quoting a SMS-i®, please provide detailed plate information including tonnage requirement, finished plate thickness, burnout dimensions and hole sizes.

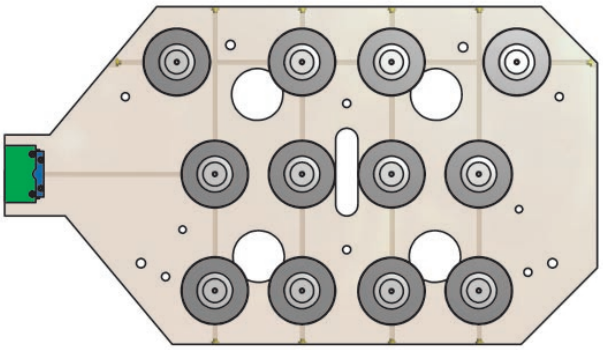


SMS-i® Connection



DADCO gas springs used in a SMS-i® have a bottom port, and are attached to the base plate with a sealing washer and standard mounting hardware.





A SMS-i® provides all the benefits of self-contained gas springs in a linked system, yet eliminates external plumbing by machining a series of holes in a base plate and attaching the gas springs through a bottom port. The SMS-i® facilitates filling, draining and monitoring from one control panel mounted directly to the plate or from outside the die.

734.207.1100 • 800.DADCO.USA • fax 734.207.2222 • www.dadco.net