

Prism Molds			
Application	Specifications	Model	Standards
Autoclave expansion of Portland cement; length change of mortar and concrete; potential alkali reactivity of cement/aggregate combinations; linear change of magnesium and oxychloride cements; volume change of cement paste	1" x 1" x 10" (25 x 25 x 254mm) 1-mold, cold-rolled steel Ship Wt. 7.3 lbs (3.3kg)	H-3252	ASTM C1260, C151, C157, C227, C342, C441, C452, C490, C596
	1" x 1" x 10" (25 x 25 x 254mm) 2-mold, cold-rolled steel Ship Wt. 9.6 lbs (4.3kg)	H-3253	
	1" x 1" x 5" (25 x 25 x 127mm) 2-mold, stainless steel Ship Wt. 6 lbs (2.72kg)	H-3255S	
Volume change tests of mortars	2" x 2" x 10" (51 x 51 x 254mm) 2-mold, cold-rolled steel Ship Wt. 20.6 lb (9.3kg)	H-3251	ASTM C806
	1" x 1" x 5" (25 x 25 x 127mm) 2-mold, cold-rolled steel Ship Wt. 6 lb (2.7kg)	H-3255	ASTM C806
Volume change of cement past; length change of mortar and concrete	3" x 3" x 10" (76 x 76 x 254mm) 1-mold, cold-rolled steel Ship Wt. 24.8 lbs (11kg)	H-3254	ASTM C878
Volume change tests	4" x 4" x 10" (102 x 102 x 254mm) 1-mold, cold-rolled steel Ship Wt. 35.5 lbs (16.1kg)	H-3256	ASTM C878



Prism Molds

ASTM C490

Designed to produce required 10" effective gauge length, prism test bars. Molds feature removable partitions, base and end plates. Effective gauge length is measured from inside end of the studs. Molds produce cement prism specimens 11.25" long. Including studs, outside to outside length of specimen is 11.625".

Prism Molds

see chart



Ship wt. see chart

Gauge Studs

ASTM C151, C157, C227, C490; AASHTO M210, T107.

Gauge studs have stainless steel contact points and are knurled and threaded for use with cement prism molds. Packaged 10 per bag.

Gauge Studs

H-3260



Ship wt. 0.15lbs. (0.06kg)

Tamping Rod

ASTM C157, C192; AASHTO T60.

Round, straight steel .375" dia. x 12" (10 x 305mm). Both ends rounded to a hemispherical tip the same diameter as the rod.

Tamping Rod

H-2905.1



Ship wt. 0.5lbs. (0.23kg)

Restraining Cage, 2" x 2" x 10"

ASTM C806

For 2" x 2" x 10" (51 x 51 x 254mm) prism molds. Features 1/4-20 continuous threaded rod and acorn nuts.

Retaining Cage, 2" x 2" x 10"

H-3251RC



Ship wt. 1.4lbs. (0.63kg)

Go-No Go Gauge

For gauge stud and molds.

Dimensions: 1" x 1" x 10" molds.

Go-No Go Gauge

H-3258



Ship wt. 2lbs. (0.9kg)

Stud Setting Tool

ASTM C490

Designed to verify the proper spacing between gauge studs in molds used for measuring length change in cement pastes and mortars.

Stud Setting Tool

H-3247



Ship wt. 1.4lbs. (0.63kg)

Restraining Cage, 3" x 3" x 10"

ASTM C878

For 3" x 3" x 10" (51 x 51 x 254mm) prism molds. Features 1/4-20 continuous threaded rod and acorn nuts.

Restraining Cage, 3" x 3" x 10"

H-3257



Ship wt. 2.8lbs. (1.27kg)

Demold Device for Prism Molds

Handy device for removing prism samples from molds.

Demolding Device for Prism Molds

H-3258DD



Ship wt. 4lbs. (1.8kg)