

## CUBE MOLDS

These molds are for preparing 2" square cement mortar specimens for compressive strength testing. The molds are three gang models that are available in bronze and stainless steel construction. They are precision machined for a tight fit. They have quick acting clamps and are easily separated into two sections for quick specimen removal. Please note the **C2020** does not meet ASTM or AASHTO standards. The **C2035** 3-gang mold is used to prepare 2" diameter by 4" long cylindrical cement mortar specimens for compressive strength testing. The molds are three gang models that are available in bronze and stainless steel construction. They are precision machined for a tight fit. They have quick acting clamps and are easily separated into two sections for quick specimen removal.



MODELS	DESCRIPTION	STANDARDS
<b>C2020</b>	POLYETHEYLENE PLASTIC MOLD W/ DETACHABLE BASE	N / A
<b>C2021</b>	FORGED BRONZE W/ DETACHABLE BASE	ASTM C-109 / AASHTO T-106
<b>C2021A</b>	BRASS W/ DETACHABLE BASE	
<b>C2022</b>	FORGED BRONZE W/O DETACHABLE BASE	
<b>C2025</b>	FORGED BRONZE W/ BASE & TOP PLATE	ASTM C-31, C-39, C-192
<b>C2035</b>	3-GANG CYLNIDER MOLD, BRONZE	
<b>C2023</b>	3-GANG CYLNIDER MOLD, ST. STL. W/ DETACHABLE BASE	

ACCESSORIES	DESCRIPTION
<b>C1155</b>	TAMPER, NON-METALLIC
<b>C2027</b>	COVER PLATE FOR <b>C2021</b> & <b>C2023</b>
<b>C2028</b>	CUBE MOLD COVER PLATE, BRASS

## CUBE MAKER KIT

The **C2041** Cube Maker Kit for 2" mortar cubes is the most economical mold system available for reproducible and accurate results. The mold is constructed of a durable brass frame with removable polypropylene water tight disposable liners. The mold also requires no cleaning, just insert a new liner. Also included with the kit, are capping accessories.



MODELS	DESCRIPTION
<b>C2041</b>	CUBE MAKER KIT FOR 2" MORTAR CUBES

ACCESSORIES	DESCRIPTION
<b>C2042</b>	EXTRA CUBE MOLD
<b>C2043</b>	EXTRA LINERS, 198 COUNT
<b>C2044</b>	RETAINER CAPS, SET OF 2
<b>C2045</b>	COMPRESSION PADS, SET OF 4
<b>C2052</b>	MOLD RELEASE, SILICONE, 18 OZ

## HEAVY DUTY SPLIT MOLDS



These molds are reusable heavy duty split molds for forming concrete compression test specimens in the field or the laboratory. The molds have a 1/4" wall thickness with a vertical opening along one side that is held together by two swivel clamps that loosen to allow easy specimen removal. The mold is held firmly to a base plate by two threaded studs and wing nuts.

MODELS	DESCRIPTION	STANDARDS
C2053	SPLIT MOLD, 3" X 6"	ASTM C-31, C-39, C-192, C470 / AASHTO T-22, T-23, T-126, T-198
C2054	SPLIT MOLD, 4" X 8"	
C5031	SPLIT MOLD, 6" X 12"	
C5033	SPLIT MOLD, 6" X 12", W/ TOP	

## SINGLE USE CYLINDER MOLDS

These are single use molds for making cylindrical concrete test specimens in the field or laboratory. The cardboard molds have firmly attached steel bottoms and are waxed on the inside to retain moisture and for ease of stripping. The plastic molds also retain moisture and do not adhere to the specimen. The C5097 Econo-O-Cure Field Curing System uses a thermostatically controlled heater with air circulating fan to assure consistent and evenly distributed heat. The unit holds up to eight 6" x 12" concrete test cylinders and is constructed from advanced polymers and vinyls with 1/2" cooler foam. The plastic molds are easily stripped using the C5088 stripping tool.



C5086



C5081



C5097



C2078



C5122



C5123



C5089

## CARDBOARD

MODELS	DIMENSIONS	QTY	STANDARDS
C2062	2" X 4"	100	ASTM C-31, C-39, C-192, C470 / AASHTO T-22, T-23, T-126, T-198
C2063	3" X 6"	100	
C2064	4" X 8"	100	
C5081	6" X 12"	24	

LIDS	DESCRIPTION
C5082A	FLAT LID / LIPPED, FOR C5081
C5082B	DOMED LID / SMALL LIP, FOR C5081
C5082C	FLAT LID / SMALL LIP, FOR C5081

## PLASTIC

MODELS	DIMENSIONS	QTY	STANDARDS
C2070	2" X 4"	75	ASTM C-31, C-39, C-192, C470 / AASHTO T-22, T-23, T-126, T-198
C2071	3" X 6"	80	
C2075	4" X 8"	36	
C5086	6" X 12"	20	

LIDS	DESCRIPTION
C2069	FLAT LID, FOR C2070
C2072	FLAT LID, FOR C2071
C2076	FLAT LID, FOR C2075
C5082	DOMED LID, FOR C5086
C5082D	HIGH DOMED LID / LIPPED, FOR C5086

ACCESSORIES	DESCRIPTION
C2078	GROUT SAMPLE BOX, 25/PKG
C5097	ECON-O-CURE, FIELD CURING SYSTEM
C5088	STRIPPING TOOL
C5089	6" X 12" CYLINDER TEST TRANSPORT RACK
C5122	CYLINDER CARRIER
C5123	LIFTING HANDLE
C5127	CYLINDER WRAP, 4"
C5128	CYLINDER WRAP, 6"

## CONCRETE COMPRESSION MOLDS



The **C5021** 6" x 12" mold is used with concrete compression testing. The wall thickness is 1/8" (3mm) steel. The mold is split along one side with 2 welded quick-acting clamps. When open, the mold springs apart slightly to allow specimen removal. The base plate is not included. The **C5022** is very similar to the **C5021** but is furnished with 1/4" steel detachable base plate. The **C5031** & **C5033** molds are designed with a 1/4" thick wall.

MODELS	DESCRIPTION	SIZE	STANDARDS
<b>C5021</b>	CONCRETE COMPRESSION MOLD	6" X 12", 1/8" WALL THICK	ASTM C-31, C-39, C-192, C-470 / AASHTO T-22, T-23, T-126, T-198
<b>C5022</b>	CONCRETE COMPRESSION MOLD W/ BASE PLATE	6" X 12", 1/8" WALL THICK	
<b>C5031</b>	CONCRETE COMPRESSION MOLD W/ BASE PLATE	6" X 12", 1/4" WALL THICK	
<b>C5033</b>	CONCRETE COMPRESSION MOLD W/ TOP PLATE	6" X 12", 1/4" WALL THICK	

## CONCRETE CUBE MOLDS

The **C5001** single cube mold is precision machined from heavy-duty cold roll steel. The mold is 6" x 6" x 6" (152 x 152 x 152mm) and are hinged to allow easy specimen removal. These molds are used for producing specimens to perform Time of Initial and Final Setting of Concrete. The **C5002** is a three gang version.



**C5001**

MODELS	DESCRIPTION	STANDARDS
<b>C5001</b>	CONCRETE CUBE MOLD, SINGLE 6"	ASTM C-403 / AASHTO T-197
<b>C5002</b>	CONCRETE CUBE MOLD, 3-GANG 6"	

## CONCRETE CAPPING FIXTURES

These fixtures are for capping concrete cylinders for compressive strength testing. There are two types of capping fixtures. The **C5101** has a welded steel upright aligning guide for positioning the cylinder. The base has a machined recess to hold the compound while the aligning guide holds the cylinder at a 90° angle to the base. The base is also precision ground to provide an extremely flat testing face. The **C5102** is similar to **C5101**, however, it has an aluminum alloy aligning guide instead of the welded steel guide. This fixture also has a detachable ring recess instead of a fixed recess for holding the capping compound. The two piece capping fixture is also available in 2", 3", and 4" models. Hogentogler also sells capping compound (**C5124**) and to melt the compound please see **G6922** thru **G6935** melting pot.



**C5101**



**C5102**

MODELS	DESCRIPTION	SIZE	STANDARDS
<b>C2125</b>	CONCRETE CAPPING FIXTURE, 2-PIECE	2" X 4"	ASTM C-31, C-39, C-192, C-617 / AASHTO T-22, T-23, T-126, T-231
<b>C2127</b>		3" X 6"	
<b>C2131</b>		4" X 8"	
<b>C5102</b>		6" X 12"	
<b>C5101</b>	CONCRETE CAPPING FIXTURE, 1-PIECE	6" X 12"	

ACCESSORIES	DESCRIPTION
<b>C2133</b>	EXTRA PLATE FOR <b>C2125</b>
<b>C2134</b>	EXTRA PLATE FOR <b>C2127</b>
<b>C2135</b>	EXTRA PLATE FOR <b>C2131</b>
<b>C5104</b>	EXTRA PLATE FOR <b>C5102</b>
<b>C5121</b>	LADLE, ST. STL
<b>C5122</b>	CYLINDER CARRIER, FOR 6" X 12" MOLDS
<b>C5123</b>	LIFTING HANDLE. FOR 6" X 12" MOLDS
<b>C5124</b>	CAPPING COMPOUND, VITROBOND