



S85A OPTIONAL EQUIPMENT CATALOG



ORDERING PROCEDURE

Contact your regional Rottler sales rep for assistance in ordering optional equipment, replacement parts, or tooling.

If you are unable to contact your regional Rottler sales rep, call the factory at 253-872-7050 and ask to speak to the parts sales specialists.

Have the following information handy to expedite the ordering process:

1. Your name, business name, and contact number
2. Customer number
3. If you don't have a customer number, your billing address
4. Shipping address if different from billing address
5. Machine model and serial number
6. Part number and description of what you want to order
7. Preferred method of shipment

In some cases you may be requested to send a photo of the part you are ordering if it is a replacement part, or doesn't appear in the database.

If you are unsure which part you need to order, contact our service department and ask to speak to one of our service consultants. They will assist you in determining which part you require.

THERE IS A MINIMUM ORDER OF \$25.00

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Large Cutterhead

S85A has 14" (360mm) diameter cutterhead as standard, a 16" (420mm) diameter cutterhead is available as upgrade during manufacturing of new machines.

S80SURF.16

16" (420mm) Diameter Cutterhead. Upgrade Package including chip shroud

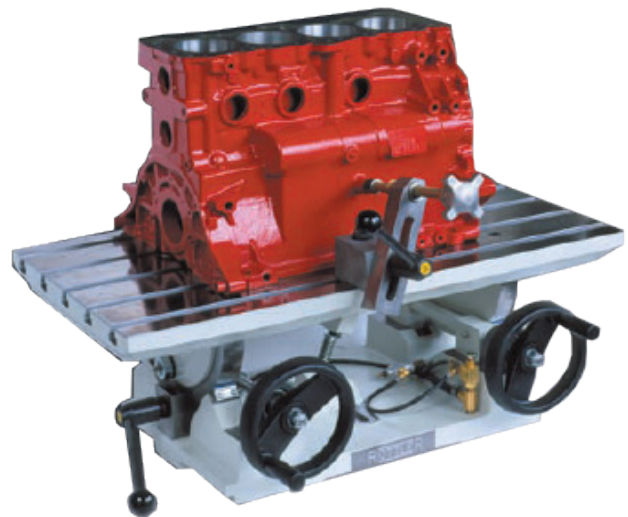
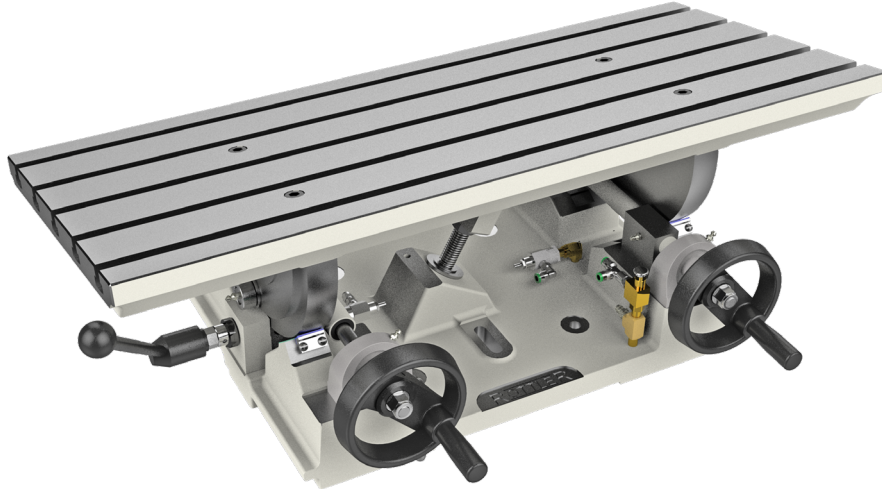


Fixtures and Parallels

Universal Quick Leveling Cylinder Head Fixture

7209M Leveling Table

Complete with universal work holding system for cylinder heads and small in-line blocks (requires 7219W Parallels)



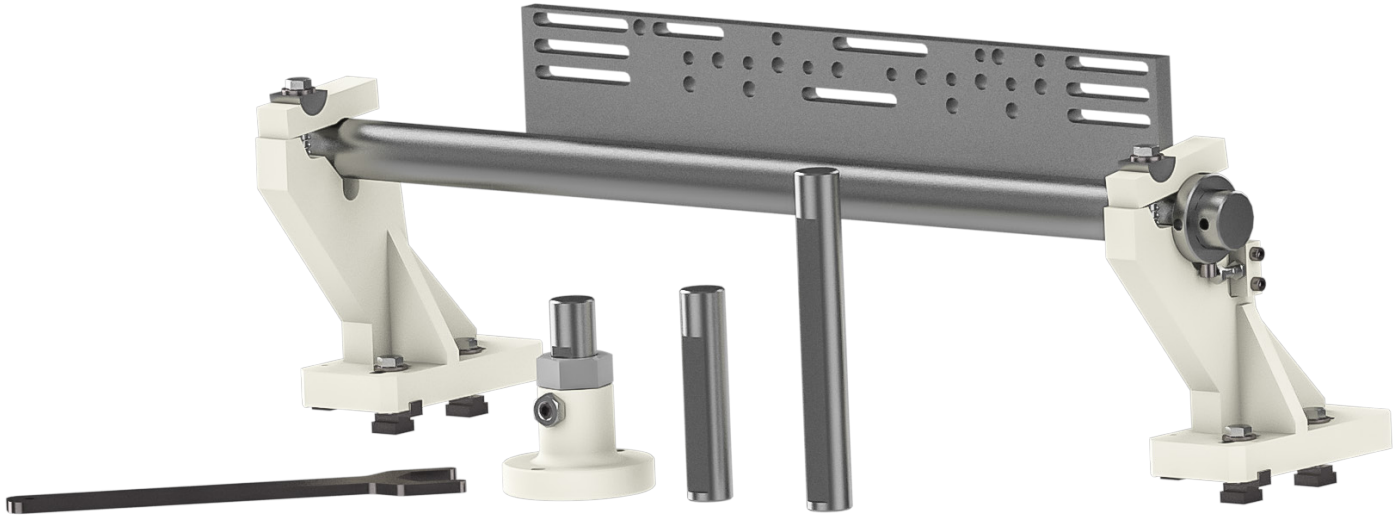
7152A Dual Axis Level Assembly



Adjustable Angle Fixtures

7330 Universal Economy Automotive Head & Block Fixture

(Includes Clamp Towers - 7242M) (Replaces 7241)

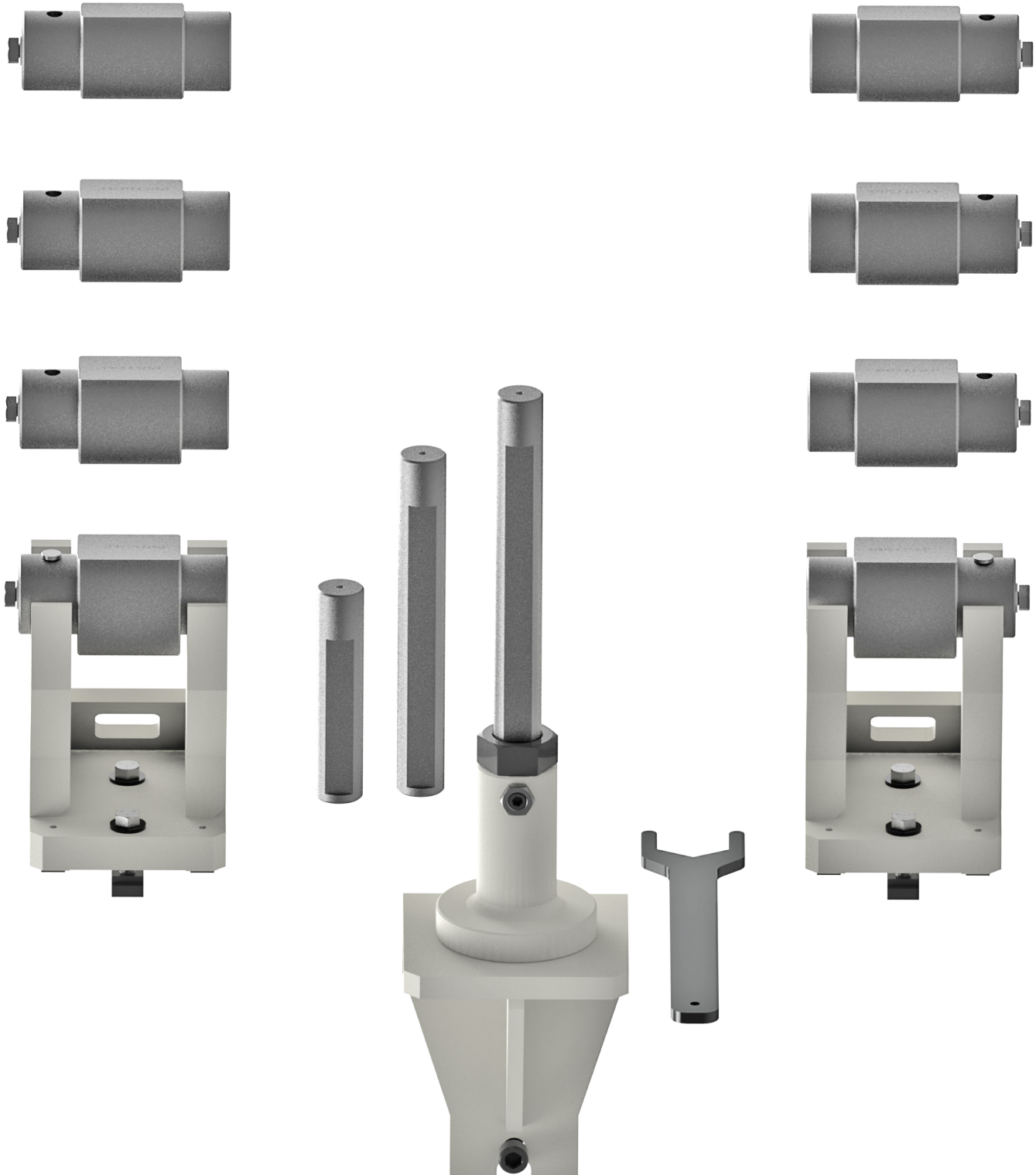


7242M Clamp Tower Assembly



7243 Mid-size Diesel Block Fixture

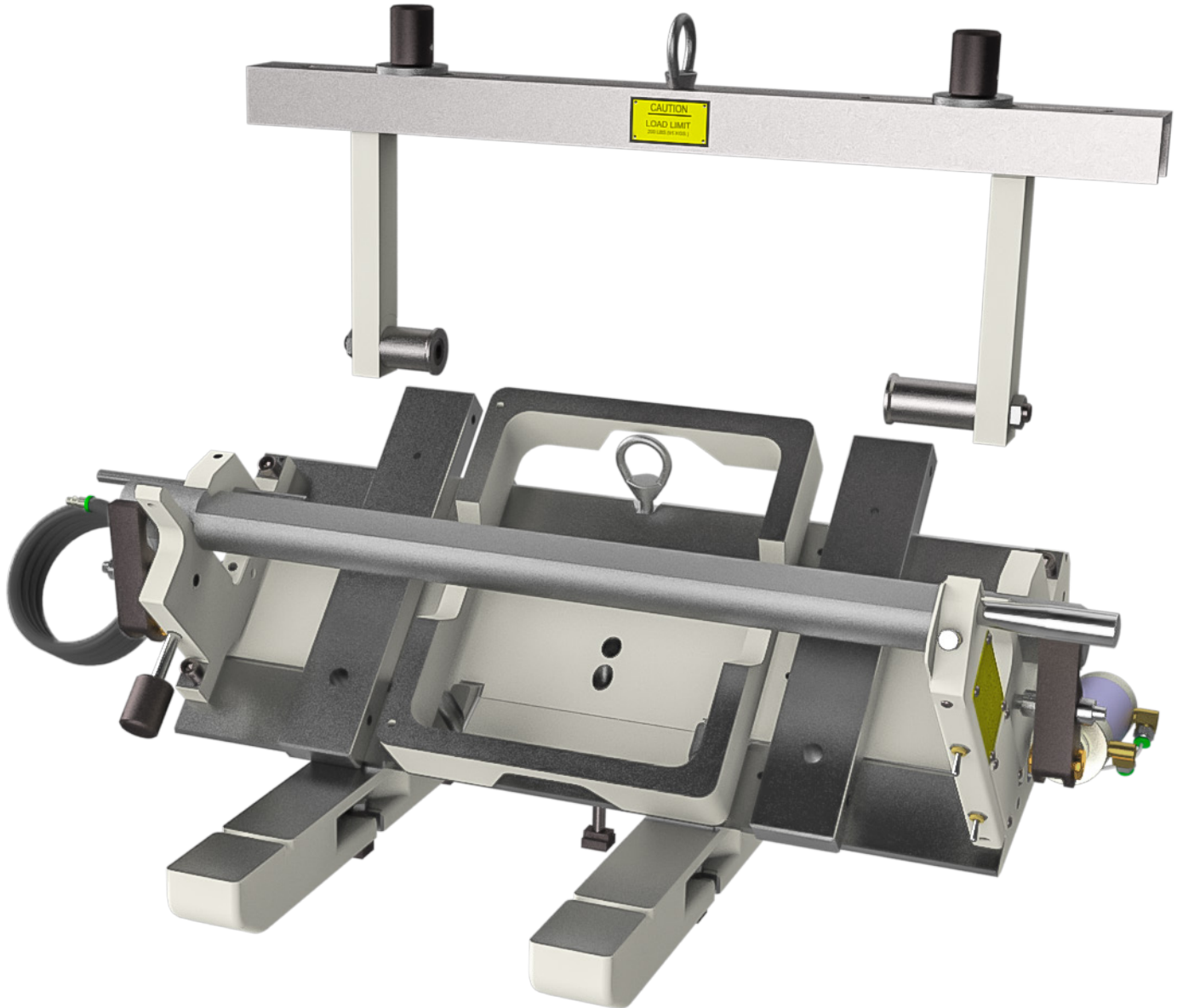
Includes four pair main bearing locators to cover 3 - 5" (76.2 - 127mm) main line diameter range.
Requires 7242M Clamp Towers.



Fixed Angle Fixtures for Blocks

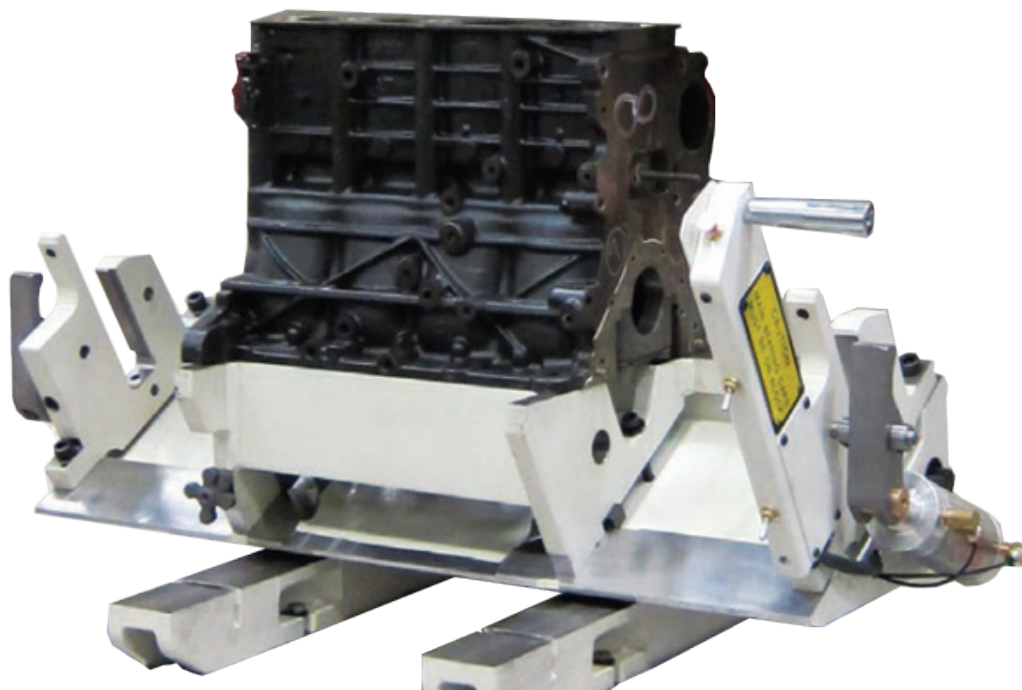
502-1-72F V Block Fixture with Air Float and Air Clamping

(Includes: Parallels 502-1-15C, Block Handler 502-1-95 & 502-1-21C Wear Pads)

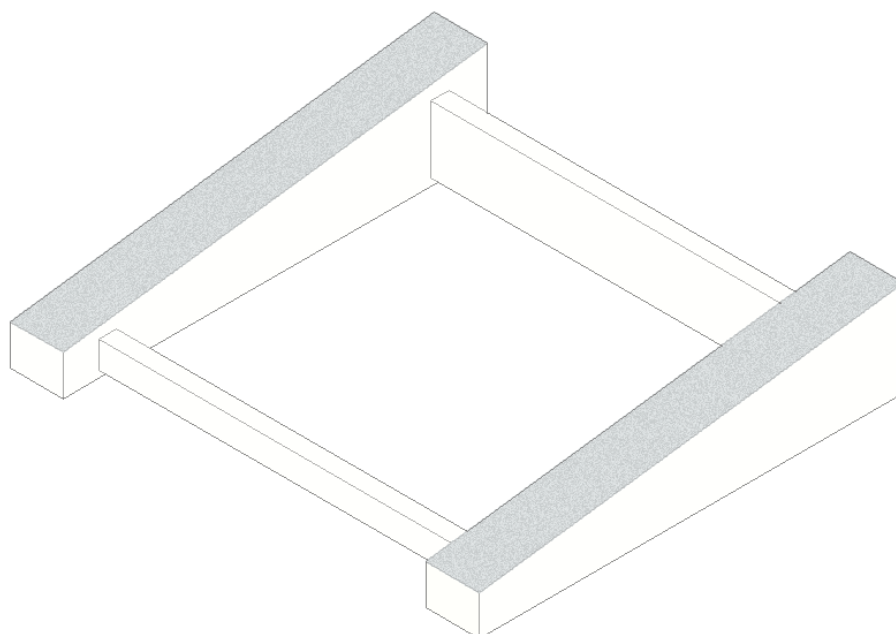


502-3-48Q In-line Block Frame

For V Block Fixture 502-1-72F

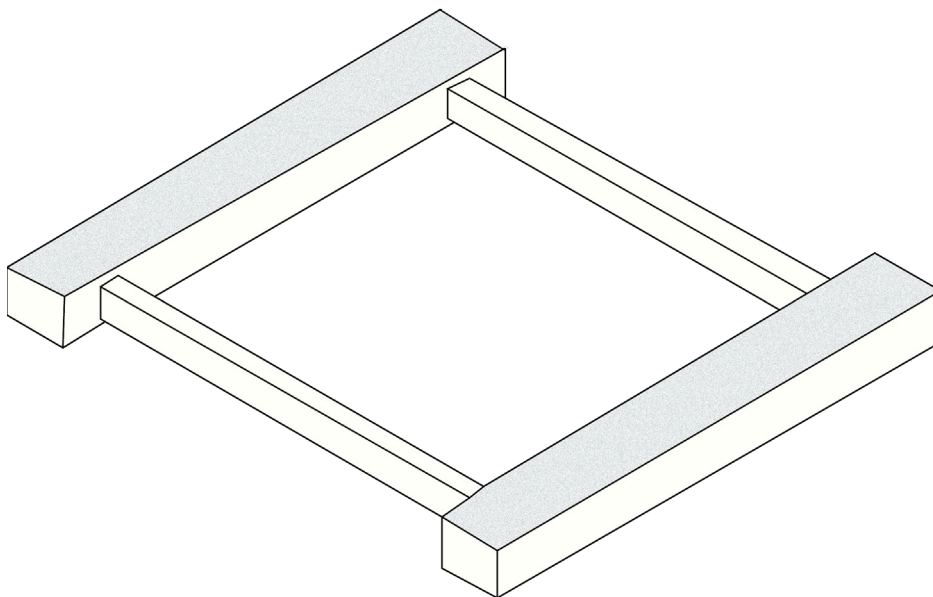
**502-3-49 VW 15-degree, Ford Mazda & Isuzu 75-degree V Block Fixture**

(requires 502-1-72F Fixture)



502-3-52 Cadillac Catera 54-degree V Block Fixture

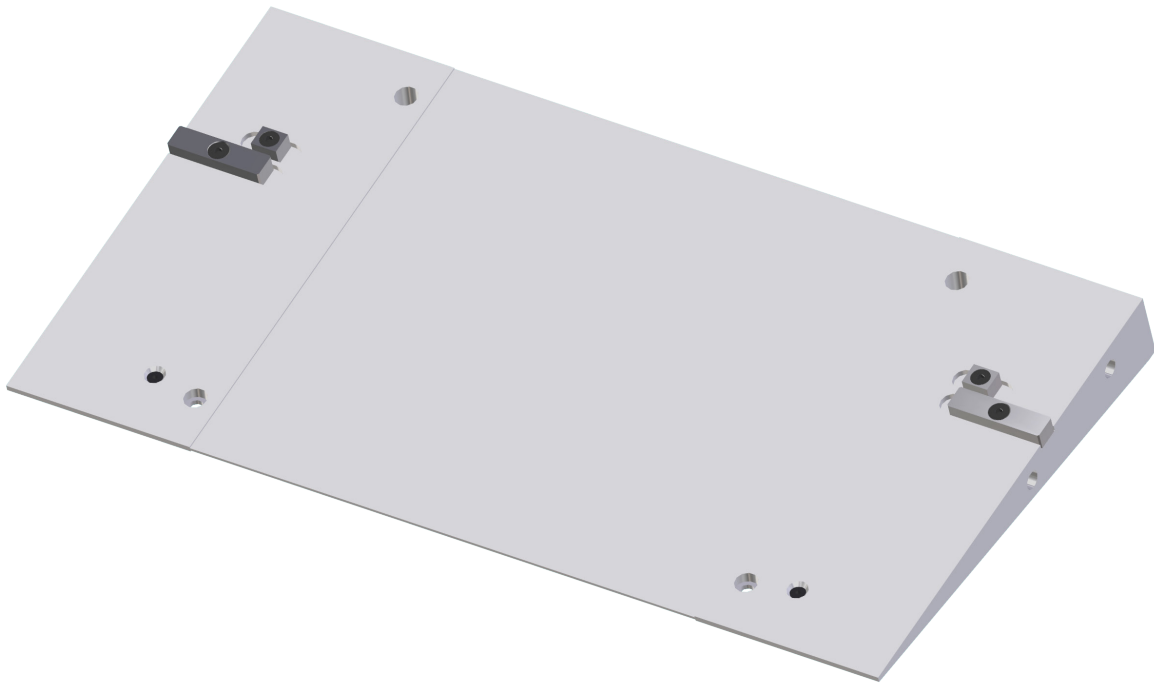
(requires 502-1-72F Fixture)

**502-3-23 Marine Outboard Fixture, V4 & V6 Evinrude/ Johnson, V6 Mercury**

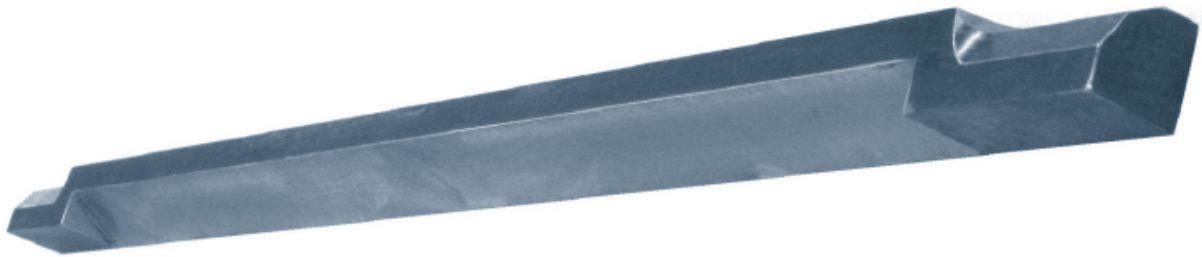
(requires 502-1-72F Fixture)



502-3-23C Marine Outboard Fixture, Yamaha 76 degree
(requires 502-1-72F Fixture)



502-1-46T Precision 2" (50.8mm) Locator Bar for 502-1-72F Fixture

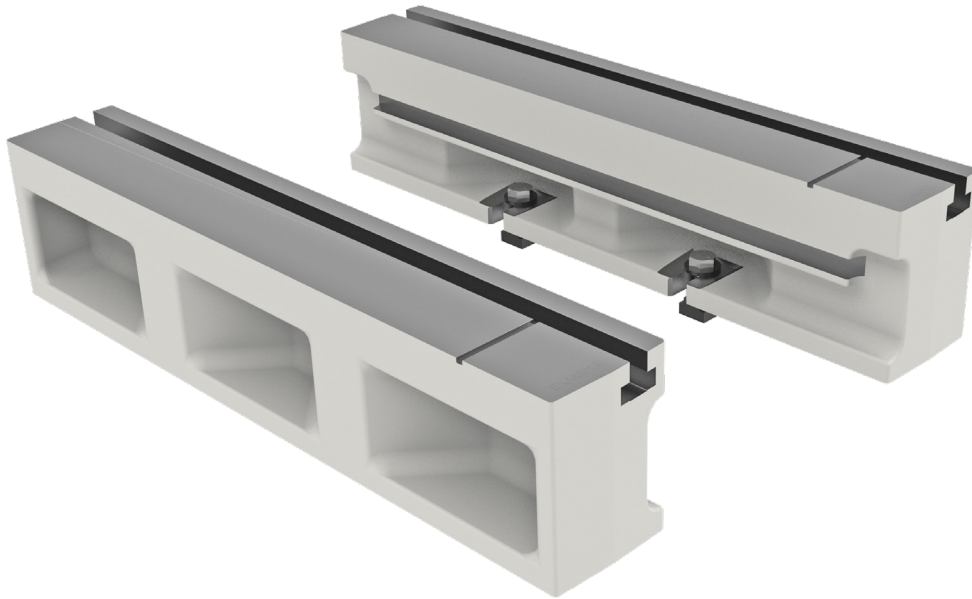


550-5-10 Main Bearing Bushings for Detroit 8.2 Liter Diesel
(requires 502-1-72F Fixture with special hole location machined on 502-1-15C parallels)

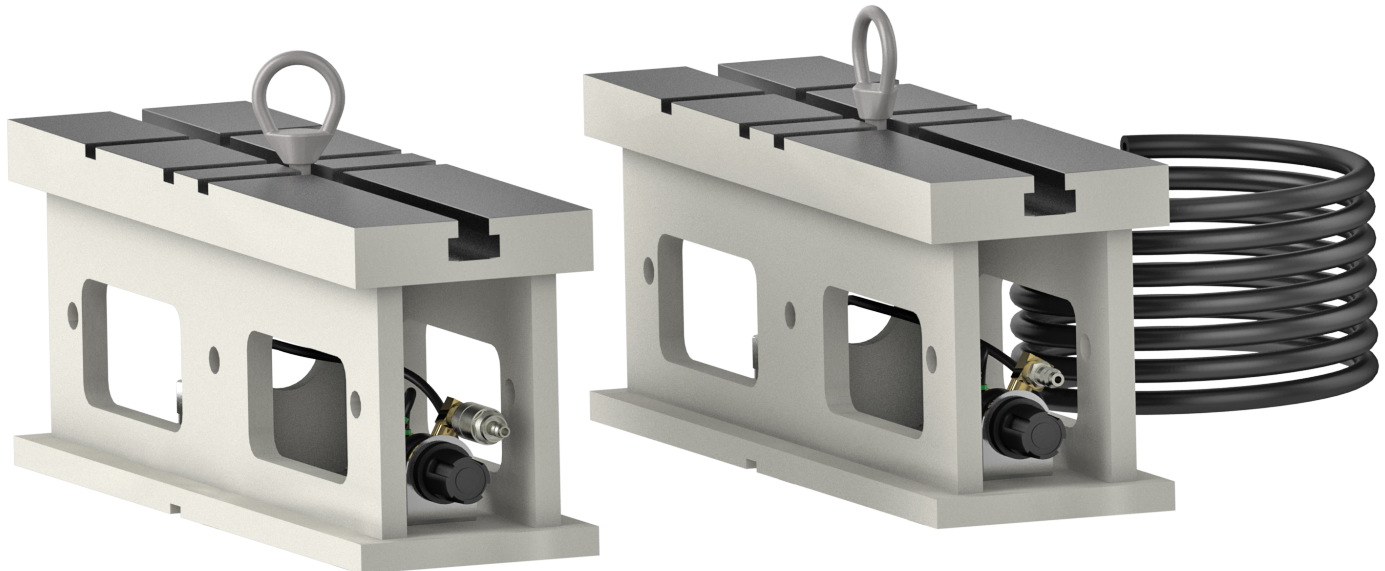


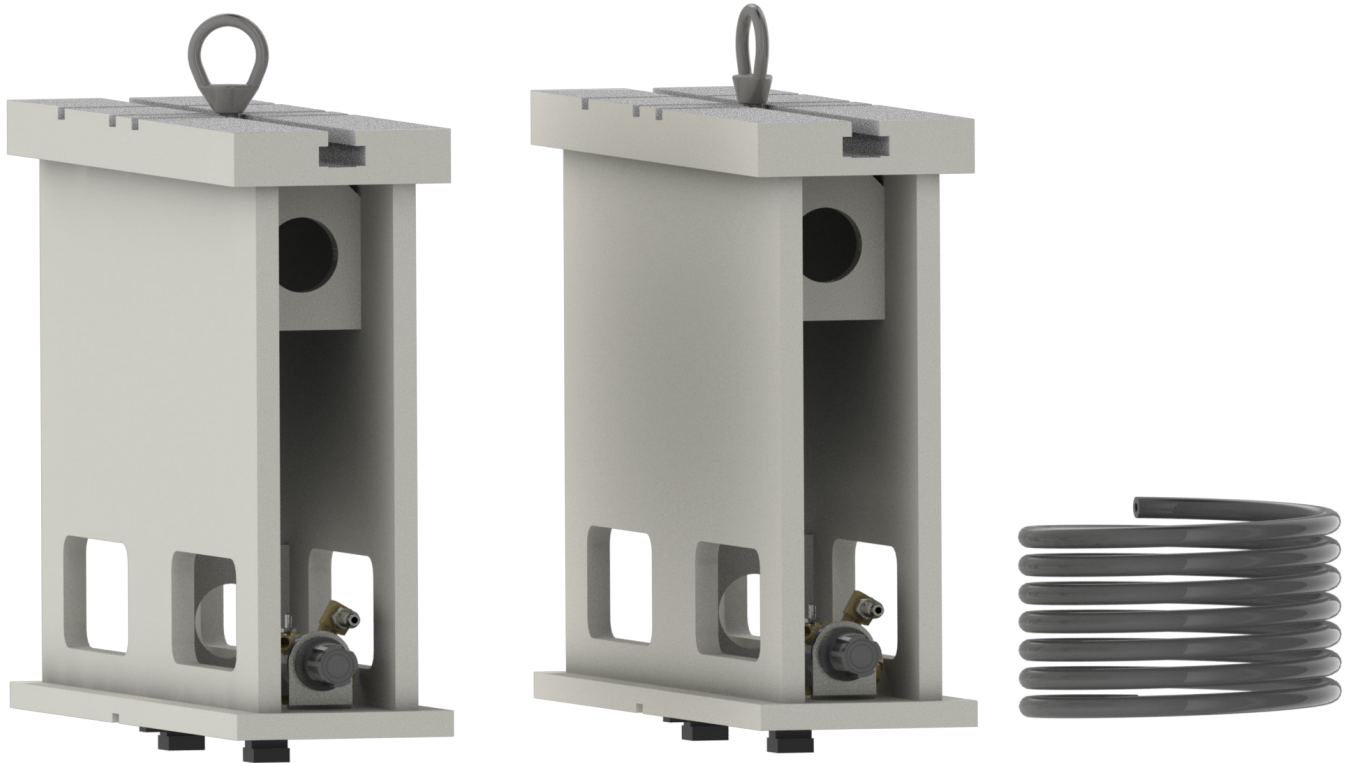
Parallels

7219W 5.2" (132mm) Heavy Duty T-Slot Universal Parallels



11112 Universal 8" (203mm) Heavy Duty T-Slot Parallels with Air Float

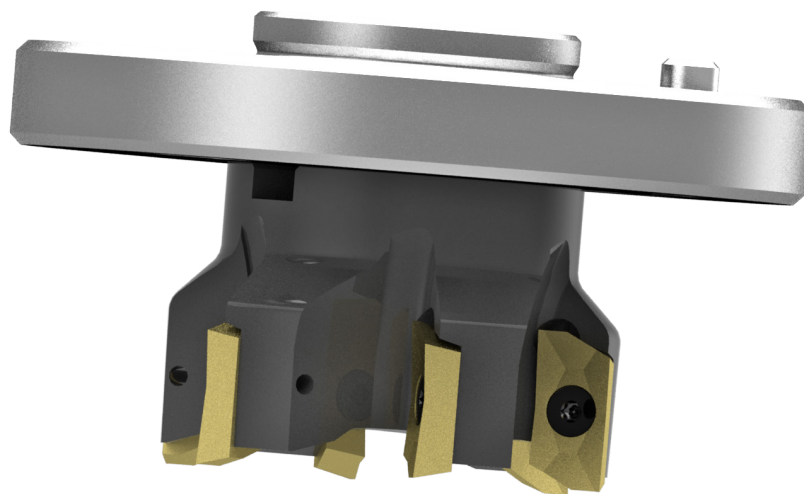


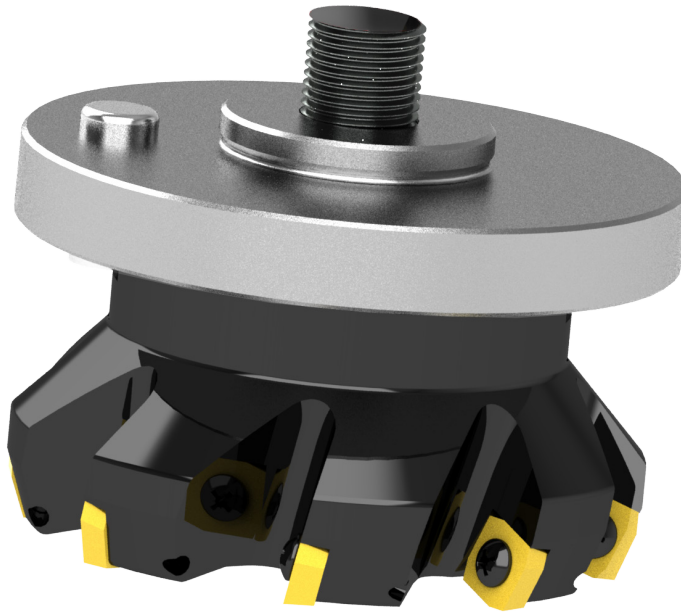
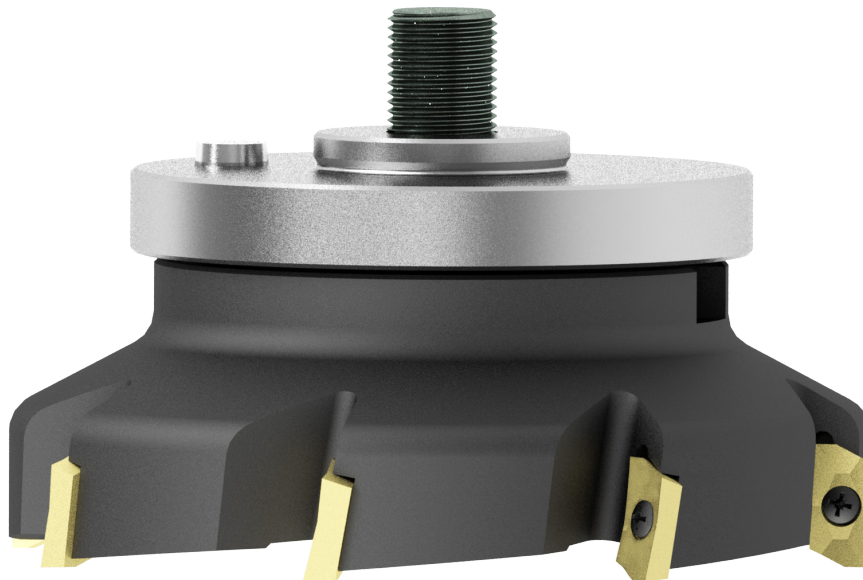
11114 Universal 16" (405mm) Heavy Duty T-Slot Parallels with Air Float

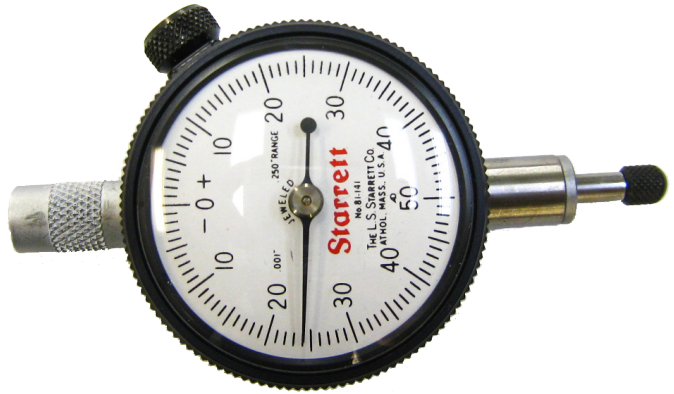
7225F 10" (254mm) Multi-tooth Face Mill Assembly



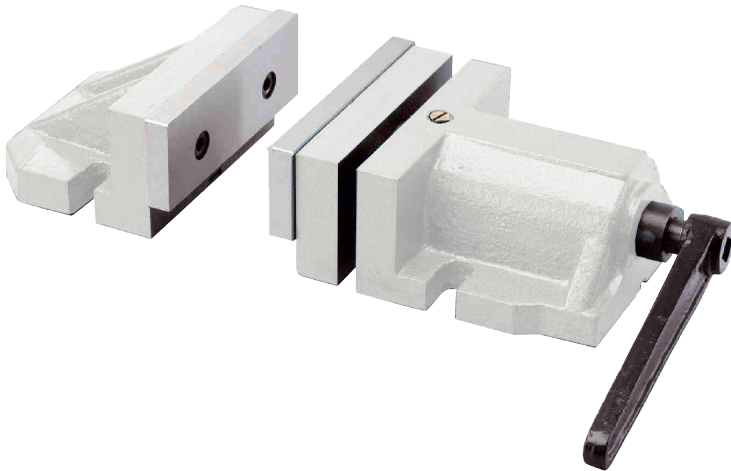
7224 Shell Mill Assembly 2 1/2" (63.50mm) diameter

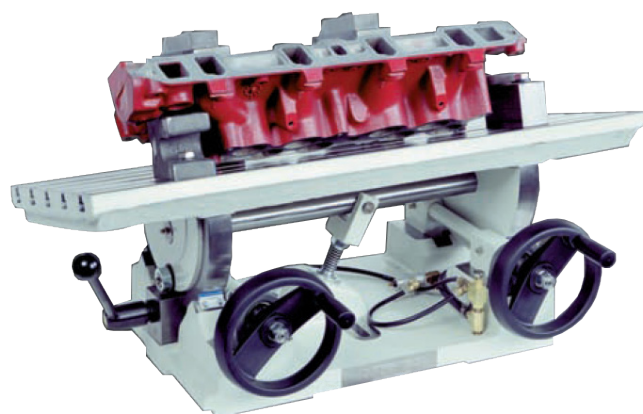
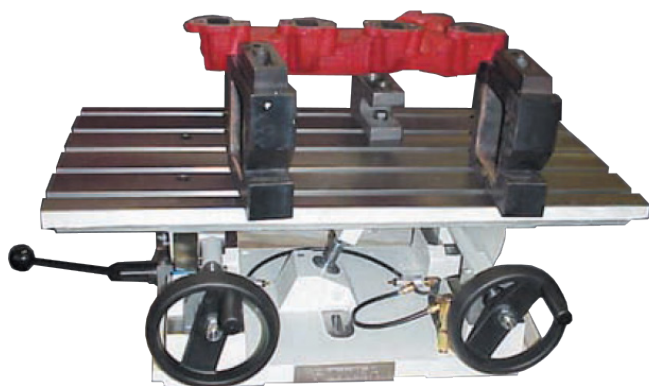


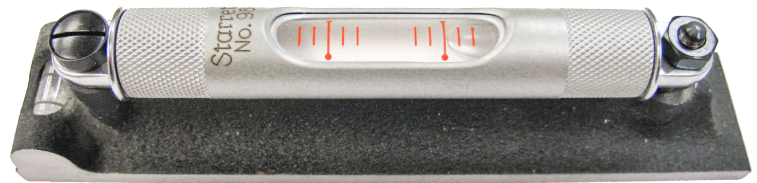
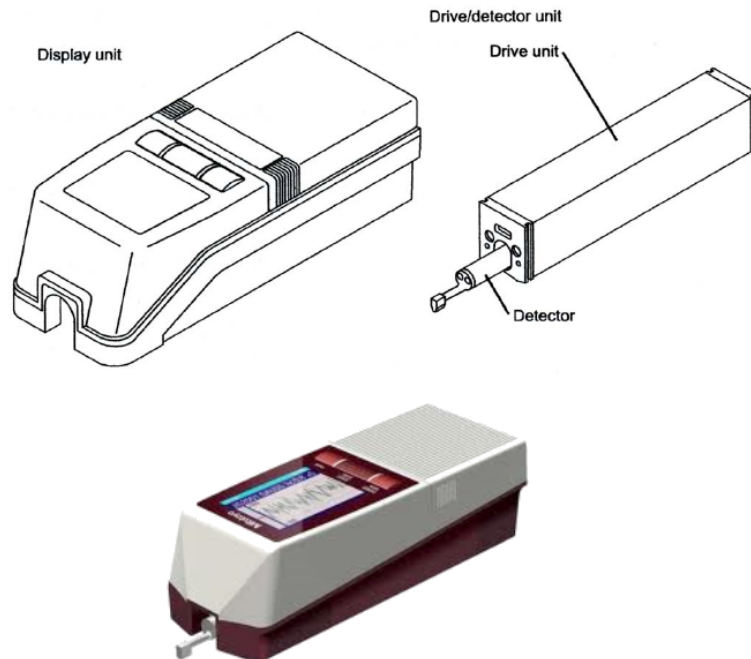
7225Y Shell Mill Assembly 4" (102mm) Diameter**7224G Shell Mill Assembly 6" (152.4mm) Diameter**

7038Y Flatness Probe Dial Indicator for Level Assembly**7209N 2-Piece Vise**

For surfacing main caps in preparation for main line boring. Also used for holding exhaust manifolds for surfacing. Requires 7209M Leveling Table.

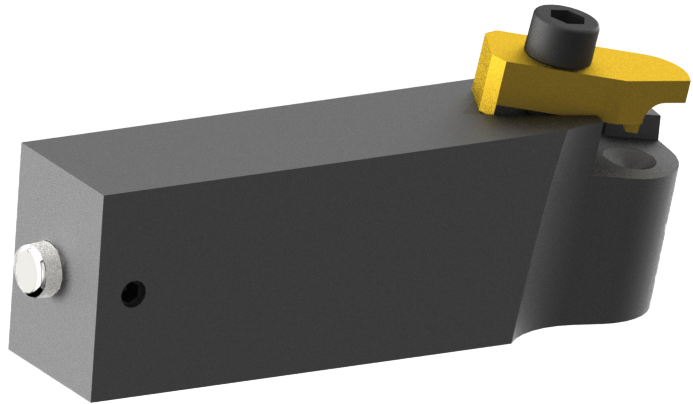


**7226G Exhaust/Intake Manifold
Surfacing Fixture**

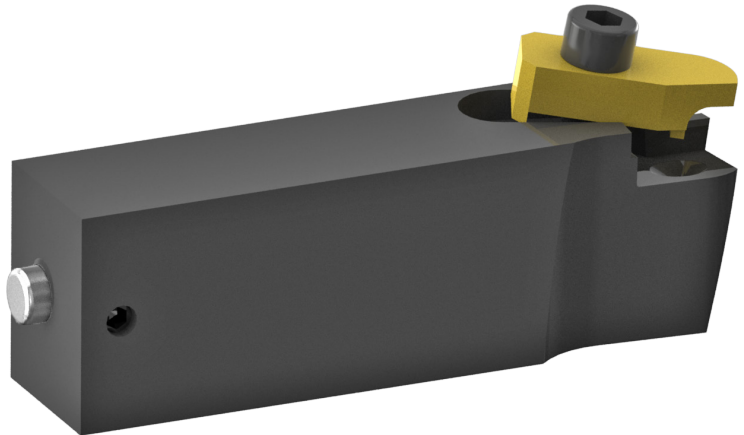
650-3-38 Machinist Level for Intake and Exhaust Manifolds**201 Mitutoyo Surface Tester**

7202V Holder Assembly

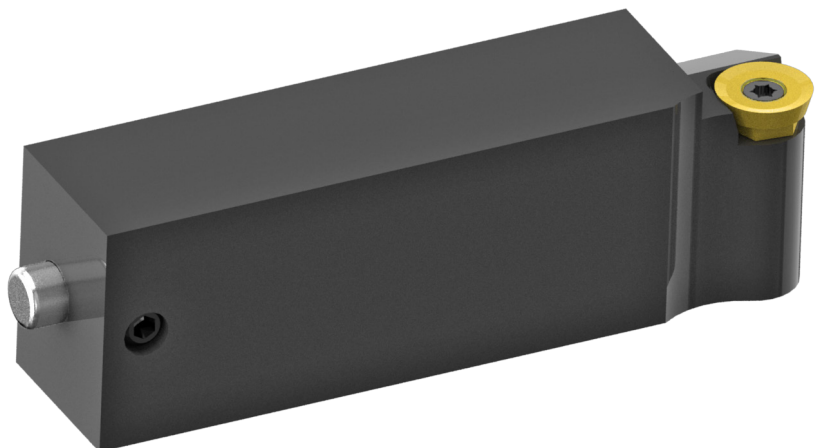
Fly Cutter Tool 1/2" (12.70mm) IC Negative Rake

**7202U Holder Assembly**

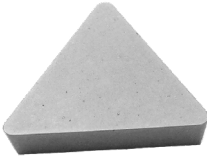
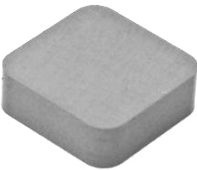
Fly Cutter Tool 1/2" (12.70mm) IC-11 Degree Positive Rake

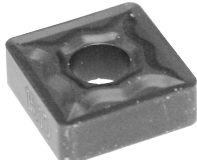
**7202X Tool Holder Assembly**

Fly Cutting (for use with special gold coated round insert 7202Z for surfacing aluminum heads with pre chambers and cast iron heads with soft pre chambers)



Cutting Inserts

6514T Inserts For Shell Mills (7225Y, 7224G, and 7224 - Requires 8 Inserts) 	7224B Triangle Inserts For 2-1/2" (63.50mm) Shell Mill 3/8" IC 
6301I Ceramic Composite Insert For cutting precombustion chambers, square negative rake 3/8" IC 	6301V Ceramic Composite Insert For cutting precombustion chambers, round negative rake 3/8" IC 
6303K Coated Carbide Insert 3/8" IC, for aluminum and cast iron 	6303M PCD Round Insert 3/8" IC, for super finishing aluminum (15% Discount on orders of 10 or more) 
6303B CBN Round Insert Double Sided, 3/8" IC, for cast iron (15% Discount on orders of 10 or more) 	6303R CBN Round Insert 3/8" IC, for cast iron heads with steel pre-cups 
6303S CBN Round Insert 3/8" IC, for cutting aluminum heads with steel pre-cups and aluminum blocks with liners 	6301J CBN Square Insert Double Sided, 3/8" IC, 1/16" Radius, for heavy stock removal 

6303Q CBN Round Insert Double Sided, 1/2" IC, for general cast iron surfacing 	6303P PCD Round Insert 1/2" IC, for super finishing aluminum 
6303U CBN Round Insert Single Sided, 3/8" IC. For hard cast iron 	6303V CBN Insert Octagonal (16-Cutting Corners) for surfacing large diesel blocks 
RS322 Insert Square negative rake, 1/32" radius for roughing 	7202Z Round Insert 3/8" gold coated for aluminum cylinder head precup cutting, also for soft cast iron precups like Land Rover. Use with 7202X tool holder only. 