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Bridgeport Mill Serial Number Identification

See All 59 Rows On Rotordesign com Bridgeport Mill Serial Number Identification Bridgeport Serial Numbers.. Contents • • • • •
• History [] The original corporation was founded in and started selling its machines in 1938.. BP did sell a retrofit kit for adapting a prior round ram machine with a turret fit the older body with the pockets.. This explains it better than me & has pics to boot You want a J head that takes R8 collets that go to 1'.. youtube com/watch?v=Sk2yLODbfjo There are changes also of note The parts today quoted by Ohio Mike is mostly correct, except for the turret and column.. The American Precision Museum's biography of Rudolph Bannow reports that he conceived the iconic design in 1936 as the logical machine on which to mount the milling head already being built by the Bridgeport Pattern and Model Works (which he owned with partner).. All for naught, as when SERVO came out with theirs in the early 70's (?) it blew away the BP's efforts, and did not require a longer lead-screw that the BP versions needed Rich.. No Mike, they did and here is my Mill to show it It is a 1943 (sn # 3923) Bridgeport that originally had a round overarm Turret and M head.. Also in the 60's they started offering chrome plated ways as an option They also had 3 different table drives over the years but I have no idea which years they were developed.. There are changes also of note The parts today quoted by Ohio Mike is mostly correct, except for the turret and column.

About 5 -10 years(?) later they revised the column/turret to todays design with the turret clamping screws on the turret.. All for naught, as when SERVO came out with theirs in the early 70's (?) it blew away the BP's efforts, and did not require a longer lead-screw that the BP versions needed Rich I believe the column and turret changes occurred at the same time.. Sharp Machinery brand mill and Anilam brand CNC controllers See All 59 Rows On Rotordesign.. Bridgeport Knee Mill Parts Serial Number 4301 and Older Series 1 Parts List Hardinge, Inc.. It currently has subsidiaries in England, Germany, Switzerland, China, and Taiwan, ROC.. Bridgeport's manual milling machines have been so successful and ubiquitous that, within the industries and among hobbyists, the Bridgeport is an archetypal example of that class of machine, and the term 'Bridgeport' is often used to refer to any vertical milling machine of the same, regardless of make.

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Is there a serial number reference/database somewhere that will help decrypt Bridgeport mill serial numbers? Also, any tips or pointers in dating the machines so I have a better idea of how old they are?The Bridgeport Miller at Work Vertical Attachments by Halco and Kerney & Trecker (Dalrae) Bridgeport Table Power-feed Units Bridgeport Serial Numbers.. A full view of a Sharp Machinery 3 axis vertical mill An example of a Bridgeport clone.. The head is mounted on the ram by joints that allow it to swivel in two directions.. 5 HP Vari-Speed), 2J2 (2HP Vari-speed), and Series II head (4HP Vari-speed). And maybe some guidelines on how the features/design changed over the years and what to avoid vs what is more desirable? I know about the basic features like table width, variable speed head vs step pulley, power feed on axes etc that applies to all mills.

comBridgeport is a brand of, which are used in the industries The brand was produced by Bridgeport Machines, Inc.. The Notorious B I G It became famous in the following decades for these small- and medium-sized vertical milling machines, with their iconic form of a -equipped multiple-speed vertical milling head with a ram-on-turret mounting over a knee-and-column base.. I mean the things specific to Bridgeport to look for and be able to date a machine by looking at it.. One of our older machinists told me it was 5 years of overlap, but I never confirmed that Rich great home shop mill!Mike your comment about a retro kit is interesting? I am not sure what they were adapting to what, or are you saying they made the kit to put dovetail turret on the old column That would mean the mill I got this from had a kit??? I need to check my old catalogs Rich PS Anyone know what the J head serial numbers/years are? NOT Bridgeport Seril # My J head is 23,932 I have never herd of a way to date the Head, I have an old round ram with a J head, sure would be nice to be able to add a dovetail turret.. Also in the 60's they started offering chrome plated ways as an option They also had 3 different table drives over the years but I have no idea which years they were developed.. From 1938 until 2004, when it was acquired by, its current owner Hardinge is a whose machine tool brands include Hardinge, Bridgeport, Kellenberger, Hauser, Tripet, and Tschudin.

The first Bridgeport milling machine (serial number 1) is on display at the Museum.. When BP came out with the dovetail Ram in 57, it was adapted to the old column (and spider) which had column 'pockets' to clamp on the Turret.. But happy for the \$500 I paid and sold the old Burke for \$1400 Mike your comment about a retro kit is interesting? I am not sure what they were adapting to what, or are you saying they made the kit to put dovetail turret on the old column That would mean the mill I got this from had a kit??? I need to check my old catalogs Rich PS Anyone know what the J head serial numbers/years are? NOT Bridgeport Seril # My J head is 23,932 Yes, the kit was purchased to fit a dovetail ram and special turret to an old style body with the bolt pockets.. A DRO is a plus IMHO you only need a 2 axis & new chinese canbe bought for under \$300.. The knee rides up and down the column (one form of Z-axis movement), and the head contains a in which the can slide up and down (another form of Z-axis movement or, when the head is swiveled, an additional axis).. BRIDGEPORT SERIAL NUMBER IDENTIFICATION CHART Machine Type: Milling Machines 1950.. I worked a deal out to get the the turret /J head as there were only a few years where they made the turret fit the old column and this was one of them.. The specialized in buying and selling used machinery such as used shears 9' x 48' Used.. A Bridgeport variant that has been retrofitted with motors and controls to function as a CNC machine.. When BP came out with the dovetail Ram in 57, it was adapted to the old column (and spider) which had column 'pockets' to clamp on the Turret.. I believe the column and turret changes occurred at the same time BP did sell a retrofit kit for adapting a prior round ram machine with a turret fit the older body with the pockets.. The ram can slide back and forth on the turret, which can swivel on the column The table sits on the knee, and it can move horizontally in the X and Y axes.. If for a period of time they did sell the dovetail ram on the old body with bolt pockets from the factory then it certainly wasn't very long.. Bridgeport manual milling machines have come in many types and sizes over the years, including (but not limited to) the C head (original), R head (heavy duty C head), M head, J head (and high speed, 5440 RPM version), 2J1 1/2 head (1.. It has the short table and the 9 inch knee and was found in storage from the war by me (\$600) in 1976 In 1978, my employer scrapped out a 1961 Bridgeport when a machinist broke the table.. I'm not aware of any produced like that from the factory Everyone I've seen in that configuration had a serial prior to 1957.. About 5 -10 years(?) later they revised the column/turret to todays design with the turret clamping screws on the turret.. Many other companies have cloned the form Today the Bridgeport brand still produces this configuration in both manual and versions, although tool-changer-equipped machining centers are now equally prominent members of the product line.. J heads have a 5' stroke, the older M heads have only a 3 5' stroke & take one of 3 semi hard to find & more expensive colets that on'y go to 1/2' stay away from M heads.. When you find it we can go over how to get it homw in the shop & wires with a VFD.. If for a period of time they did sell the dovetail ram on the old body with bolt pockets from the factory then it certainly wasn't very long.. Good hunting! The thrill of the hunt is the best part :o Here's a couple links on how to inspect one [https://www. e10c415e6f](https://www.e10c415e6f)