# VALVE CLEARANCE ADJUSTMENT

HINT:

A11244

Inspect and adjust the valve clearance when the engine is cold.

- 1. REMOVE CYLINDER HEAD COVER (See page EM-15)
- 2. SET NO.1 CYLINDER TO TDC/COMPRESSION
- (a) Turn the crankshaft pulley, and align its groove with the timing mark "0" of the timing chain cover.

- N Timing Marks
- (b) Check that both timing marks on the camshaft timing sprocket and valve timing controller assembly are facing right upas shown in the illustration.

If not, turn the crankshaft 1 revolution (360°) and align the marks as above.





# INSPECT VALVE CLEARANCE

) Check only the valves indicated.

- Using a feeler gauge, measure the clearance between the valve lifter and camshaft.
- Record the out-of-specification valve clearance measurements. They will be used later to determine the required replacement adjusting shim.

#### Valve clearance (Cold):

## Intake20.15 - 0.25 mm (0.006 - 0.010 in.) Exhaust20.25 - 0.35 mm (0.010 - 0.014 in.)

- (b) Turn the crankshaft 1 revolution (360°) and align the mark as above. (See procedure in step 2)
- (c) Check only the valves indicated as shown. Measure the valve clearance. (See procedure in step (a))

EM-5

EM169-01

#### ENGINE MECHANICAL - VALVE CLEARANCE

4.





## ADJUST VALVE CLEARANCE

- (a) Set the No.1 cylinder to the TDC/compression (See procedure in step 2).
- (b) Place matchmarks on the timing chain and camshaft timing sprockets.
- (c) Rotate the crankshaft countercleckwise 40° from the TDC.
- (d) Remove the plug from the timing chain cover.
- (e) Using driver to hold the stopper plate of tensioner above the chain tentioner service hole.
- (f) Turn the exhaust camshaft a little clockwise.
- (g) Remove the driver from the chain tensioner service hole to lower the stopper plate, then insert the bar of 2 3 mm (0.08 0.12 in.).

#### NOTICE:

- When the bar does not get inserted, turn the exhaust camshaft a little counterclockwise, then clockwise to insert it.
- Fix the bar with tape or others so that it does not be dropped off.
- (h) Hold the hexagonal portion of camshaft with a wrench, and loosen the bolt for camshaft timing sprocket.
- (i) Remove the 19 bolts, No. 1 and No. 2 camshaft bearing caps.
- (j) Remove the bolt and valve timing sprocket with the chain.
- (k) Hold the hexagonal portion of the camshaft with a wrench, and remove the bolt and valve timing controller assembly with the chain.

#### NOTICE:

#### Do not disassembled the valve timing controller assembly.

(I) Remove the intake and exhaust camshaft assembly. HINT:

When disconnect the timing chain from the camshaft timing sprocket, holding the timing chain.

(m) Tie the timing chain with a string as shown in the illustration.

## NOTICE:

- Be careful not to drop anything inside the timing chain cover.
- Do not allow the chain to come into contact with water or dust.
- (n) Remove the valve lifters.





- Determine the replacement valve lifter size according to these Formula or Charts:
  - Using a micrometer, measure the thickness of the removed lifter.
  - Calculate the thickness of a new lifter so the valve clearance comes within the specified value.
  - T..... Thickness of used lifter
  - A..... Measured valve clearance

N..... Thickness of new lifter

Intake**⊘**N = T + (A - 0.20 mm (0.008 in.))

- Exhaust<sup>2</sup>N = T + (A 0.30 mm (0.012 in.))
- Select a new lifter with a thickness as close as possible to the calculated values.

HINT:

Lifter are available in 35 sizes in increments of 0.020 mm (0.0008 in.), from 5.060 mm (0.1992 in.) to 5.740 mm (0.2260 in.).

| 2002     |  |
|----------|--|
| ECHO     |  |
| (RM884U) |  |

| Installed lifter thickness<br>mm (in.)<br>Measured clearance<br>mm (in.)   | 5.080 (0.2000)<br>5.100 (0.2008)  | 5.120 (0.2016)<br>5.140 (0.2024)  | 5.160 (0.2031)<br>5.180 (0.2031)   | 5.200 (0.2047)<br>5.210 (0.2047)   | 5.220 (0.2055)   | 5.230 (0.2059)<br>5.240 (0.2063)  | 5.250 (0.2067)  | 5.270 (0.2075)<br>5.270 (0.2075)   | 5.290 (0.2083)<br>5.290 (0.2083)   | 5.310 (0.2091)<br>5.310 (0.2091)  | 5.320 (0.2094)<br>5.330 (0.2098)  | 5.340 (0.2102)<br>5.350 (0.2106)   | 5.360 (0.2110)  | 5.370 (0.2114)<br>5.380 (0.2118)                                     | 5.390 (0.2122)<br>5.400 (0.2126)                              | 5.410 (0.2130) | 5.420 (0.2134)<br>5.430 (0.2138) | 5.440 (0.2142) | 5.450 (0.2146)<br>5.460 (0.2150) | 5.470 (0.2154) | 5.480 (0.2157)<br>5.490 (0.2161) | 5.500 (0.2165) | 5.510 (0.2169)<br>5.520 (0.2173)  | 5.530 (0.2177)<br>5.540 (0.2181)   | 5.550 (0.2185)  | 5.570 (0.2189)<br>5.570 (0.2193)  | 5.590 (0.2201)<br>5.590 (0.2201)  | 5.600 (0.2205)<br>5.620 (0.2213)  | 5.640 (0.2220)   | 5.660 (0.2228)<br>5.680 (0.2236)   | 5.700 (0.2244)<br>5.720 (0.2252)  | 5.740 (0.2260)  |   |  |
|--|---|---|--|--|--|---|---|--|--|---|---|--|---|--|---|----------------|----------------------------------|----------------|----------------------------------|----------------|----------------------------------|----------------|---|--|---|---|---|---|--|--|---|---|---|--|
| 0.000 - 0.030 (0.0000 - 0.0012)  |   |   |  | 06   | 6 06   | 06 06   | 06 0  | 8 10 1   | 0 12 1   | 2 14  | 14 16   | 16 18  | 18  | 20 20  | 22 22   | 24             | 24 26                            | 26             | 28 28                            | 30             | 30 32                            | 32             | 34 34   | 36 36  | 38 3  | 8 40 4  | 0 42  | 42 44   | 46   | 48 50  | 52 54   | 56  |   |  |
| 0.031 - 0.050 (0.0012 - 0.0020)  |   |   | 06   | 6 06 06  | 5 06   | 08 08   | 10 1  | 0 12 1   | 2 14 1   | 4 16  | 16 18   | 18 20  | 20  | 22 22  | 24 24   | 26             | 26 28                            | 28             | 30 30                            | 32             | 32 34                            | 34             | 36 36   | 38 38  | 40 4  | 0 42 4  | 2 44  | 44 46   | 48 5   | 50 52  | 54 56   | 58  |   |  |
| 0.051 - 0.070 (0.0020 - 0.0028)  |   |   | 06 06  | 8 06 08  | 8 08   | 10 10   | 12 1:   | 2 14 1   | 4 16 1   | 6 18  | 18 20   | 20 22  | 22  | 24 24  | 26 26   | 28             | 28 30                            | 30 ;           | 32 32                            | 34             | 34 36                            | 36             | 38 38   | 40 40  | 42 4  | 2 44 4  | 4 46  | 46 48   | 50 5   | 52 54  | 56 58   | 60  |   |  |
| 0.071 - 0.090 (0.0028 - 0.0035)  |   | 06  | 5 06 06  | S 08 10  | 0 10   | 12 12   | 14 14   | 4 16 1   | 6 18 18  | 8 20  | 20 22   | 22 24  | 24  | 26 26  | 28 28   | 30             | 30 32                            | 32 3           | 34 34                            | 36             | 36 38                            | 38             | 40 40   | 42 42  | 44 4  | 4 46  | 6 48  | 48 50   | 52 3   | 54 56  | 58 60   | 62  |   |  |
| 0.091 - 0.110 (0.0036 - 0.0043)  | 06  | 06 06   | 5 06 08  | 10 12  | 2 12   | 14 14   | 16 16   | 6 18 1<br>9 20 2   | 8 20 2   | 0 22  | 22 24   | 24 26  | 26  | 28 28  | 30 30   | 32             | 32 34                            | 34             | 36 36                            | 38             | 38 40                            | 40             | 42 42   | 44 44  | 46 4  | 6 48  | 8 50  | 50 52   | 54 3   | 56 58  | 60 62   | 64  |   |  |
| 0.131 - 0.149 (0.0052 - 0.0059)  | 00 00   | 06 08   | 10 12  | 14 16  | 3 16   | 18 18   | 20 20   | 0 20 2   | 2 24 2   | 4 26  | 26 28   | 28 30  | 30  | 32 32  | 34 34   | 36             | 36 38                            | 38             | 40 40                            | 40             | 40 42                            | 42             | 44 44   | 40 40  | 50 5  | 0 52 8  | 2 54  | 54 56   | 58 6   | 30 62  | 64 66   | 68  |   |  |
| 0.150 - 0.250 (0.0059 - 0.0098)  |   | 00 00   |  |  |  | 10 10   |   | - <u>-</u>   |  |   | 20 20   |  |   |  |   |                | 00 00                            |                | 10 10                            |                | 12 44                            |                | 40 40   | -10 -10  |   |   | 2 04  | 04 00   |  | 50 02  | 04 00   |   |   |  |
| 0.251 - 0.270 (0.0099 - 0.0106) 12   | 14 16   | 18 20   | 22 24  | 1 26 28  | 8 28   | 30 30   | 32 3  | 2 34 3   | 4 36 3   | 6 38  | 38 40   | 40 42  | 2 42  | 44 44  | 46 46   | 48             | 48 50                            | 50             | 52 52                            | 54             | 54 56                            | 56             | 58 58   | 60 60  | 62 6  | 2 64 6  | 4 66  | 66 68   | 70   | 72 74  | 74 74   |   |   |  |
| 0.271 - 0.290 (0.0107 - 0.0114) 14   | 16 18   | 20 22   | 24 26  | 5 28 30  | 0 30   | 32 32   | 34 3  | 4 36 3   | 6 38 3   | 8 40  | 40 42   | 42 44  | 1 44  | 46 46  | 48 48   | 50             | 50 52                            | 52             | 54 54                            | 56             | 56 58                            | 3 58           | 60 60   | 62 62  | 2 64 6  | 4 66 (  | 6 68  | 68 70   | 72   | 74 74  | 74  | _   |   |  |
| 0.291 - 0.310 (0.0115 - 0.0122) 16   | 18 20   | 22 24   | 4 26 28  | 3 30 32  | 2 32   | 34 34   | 36 3  | 6 38 3   | 8 40 4   | 10 42   | 42 44   | 44 46  | 6 46  | 48 48  | 50 50   | 52             | 52 54                            | 54             | 56 56                            | 58             | 58 60                            | 60             | 62 62   | 64 64  | 4 66 E  | 6 68 6  | 8 70  | 70 72   | 74 :   | 74 74  |   |   |   |  |
| 0.311 - 0.330 (0.0122 - 0.0130) 18   | 20 22   | 24 26   | 5 28 30  | 32 34  | 4 34   | 36 36   | 38 3  | 8 40 4   | 0 42 4   | 2 44  | 44 46   | 46 48  | 3 48  | 50 50  | 52 52   | 2 54           | 54 56                            | 56             | 58 58                            | 60             | 60 62                            | 2 62           | 64 64   | 66 66  | 68 6  | 8 70  | 0 72  | 72 74   | 74   | 74   |   |   |   |  |
| 0.331 - 0.350 (0.0130 - 0.0138) 20 2   | 22 24   | 26 28   | 3 30 32  | 2 34 36  | 6 36   | 38 38   | 40 4  | 0 42 4   | 2 44 4   | 4 46  | 46 48   | 48 50  | 50  | 52 52  | 54 54   | 56             | 56 58                            | 58             | 60 60                            | 62             | 62 64                            | 64             | 66 66   | 68 68  | 70 7  | 0 72 7  | 2 74  | 74 74   | 74   |  |   |   |   |  |
| 0.351 - 0.370 (0.0138 - 0.0146) 22 3   | 24 26   | 28 30   | 32 34  | 1 36 38  | 8 38   | 40 40   | 42 4  | 2 44 4   | 4 46 4   | 6 48  | 48 50   | 50 52  | 2 52  | 54 54  | 56 56   | 58             | 58 60                            | 60 (           | 62 62                            | 64             | 64 66                            | 66             | 68 68   | 70 70  | 72 7  | 2 74 7  | 4 74  | 74 74   | J  |  |   |   |   |  |
| 0.371 - 0.390 (0.0146 - 0.0154) 24 2   | 26 28   | 30 32   | 2 34 36  | 6 38 40  | 0 40   | 42 42   | 44 4  | 4 46 4   | 6 48 4   | 8 50  | 50 52   | 52 54  | 1 54  | 56 56  | 58 58   | 60             | 60 62                            | 62 (           | 64 64                            | 66             | 66 68                            | 68             | 70 70   | 72 72  | 2 74 7  | 4 74 1  | 4 74  | 74  |  |  |   |   |   |  |
| 0.411 - 0.430 (0.0162 - 0.0169) 28   | 30 32   | 34 36   | 38 40  | 1 40 42  | 42   | 44 44   | 46 4  | 8 50 5   | 0 52 5   | 2 54  | 54 56   | 56 50  | 00  | 80 80  | 62 62   | 64             | 64 66                            | 66             | 69 60                            | 70             | 70 70                            | 70             | 74 74   | 74 74  | 1 74 7  | 4 74 .  | 4   / 4   |   |  |  |   |   |   |  |
| 0.431 - 0.450 (0.0170 - 0.0177) 30 3   | 32 34   | 36 38   | 3 40 42  | 44 46  | 5 46   | 48 48   | 50 5  | 0 52 5   | 2 54 5   | 4 56  | 56 58   | 58 60  | 0 60  | 62 62  | 64 64   | 66             | 66 68                            | 68             | 70 70                            | 72             | 72 74                            | 1 74           | 74 74   | 74 74  | 1   | 4   |   |   |  |  |   |   |   |  |
| 0.451 - 0.470 (0.0178 - 0.0185) 32 3   | 34 36   | 38 40   | 42 44  | 46 48  | 3 48   | 50 50   | 52 52   | 2 54 5   | 4 56 5   | 6 58  | 58 60   | 60 62  | 2 62  | 64 64  | 66 66   | 68             | 68 70                            | 70             | 72 72                            | 74             | 74 74                            | 74             | 74 74   |  |   |   |   |   |  |  |   |   |   |  |
| 0.471 - 0.490 (0.0185 - 0.0193) 34   | 36 38   | 40 42   | 2 44 46  | 6 48 50  | 50   | 52 52   | 54 5  | 4 56 5   | 6 58 5   | 8 60  | 60 62   | 62 64  | 64  | 66 66  | 68 68   | 70             | 70 72                            | 72             | 74 74                            | 74             | 74 74                            | 74             |   |  |   |   |   |   |  |  |   |   |   |  |
| 0.491 - 0.510 (0.0193 - 0.0201) 36   | 38 40   | 42 44   | 46 48  | 50 52  | 2 52   | 54 54   | 56 5  | 6 58 5   | 8 60 6   | 0 62  | 62 64   | 64 66  | 66  | 68 68  | 70 70   | 72             | 72 74                            | 74             | 74 74                            | 74             | 74                               |                |   |  |   |   |   |   |  |  |   |   |   |  |
| 0.511 - 0.530 (0.0201 - 0.0209) 38   | 40 42   | 44 46   | 6 48 50  | 52 5   | 4 54   | 56 56   | 58 5  | 8 60 6   | 0 62 6   | 2 64  | 64 66   | 66 68  | 8 68  | 70 70  | 72 72   | 74             | 74 74                            | 74             | 74 74                            |                |                                  |                |   |  |   |   |   |   |  |  |   |   |   |  |
|  |   |   |  |  |  |   |   |  |  |   |   |  |   |  |   |                | /4 /4                            | /4             | /4 /4                            | _              |                                  |                |   |  |   |   |   |   |  |  |   |   |   |  |
| 0.531 - 0.550 (0.0209 - 0.0217) 40   | 42 44   | 46 48   | 3 50 52  | 2 54 56  | 6 56   | 58 58   | 60 6  | 0 62 6   | 2 64 6   | 4 66  | 66 68   | 68 70  | 70  | 72 72  | 74 74   | 74             | 74 74                            | 74             | /4 /4                            | 1              |                                  |                |   |  |   |   |   |   |  |  |   |   |   |  |
| 0.531 - 0.550 (0.0209 - 0.0217) 40<br>0.551 - 0.570 (0.0217 - 0.0224) 42<br>0.571 - 0.570 (0.0217 - 0.0224) 42   | 42 44<br>44 46  | 46 48<br>48 50  | 3 50 52<br>) 52 54   | 2 54 56<br>4 56 58   | 6 56<br>8 58   | 58 58<br>60 60  | 60 6<br>62 6  | 0 62 6<br>2 64 6   | 2 64 6<br>4 66 6   | 4 66<br>6 68  | 66 68<br>68 70  | 68 70<br>70 72   | 0 70<br>2 72  | 72 72<br>74 74   | 74 74<br>74 74  | 74             | 74 74<br>74 74<br>74             | 74             | /4 /4                            |                |                                  |                |   |  |   |   |   |   |  |  | New   | / lifte   | r thickne   | ess mm (in.)   |
| 0.531 - 0.550 (0.0209 - 0.0217) 40 4<br>0.551 - 0.570 (0.0217 - 0.0224) 42 4<br>0.571 - 0.590 (0.0225 - 0.0232) 44 4<br>0.591 - 0.610 (0.0233 - 0.0200) 46 4   | 42 44<br>44 46<br>46 48<br>48 50  | 46 48<br>48 50<br>50 52<br>52 54  | 3 50 52<br>) 52 54<br>2 54 56  | 2 54 56<br>4 56 58<br>6 58 60  | 6 56<br>8 58<br>0 60   | 58 58<br>60 60<br>62 62<br>64 64  | 60 6<br>62 6<br>64 6  | 0 62 6<br>2 64 6<br>4 66 6   | 2 64 6<br>4 66 6<br>6 68 6<br>8 70 7   | 4 66<br>6 68<br>8 70  | 66 68<br>68 70<br>70 72<br>72 74  | 68 70<br>70 72<br>72 74  | 0 70<br>2 72<br>4 74  | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74                                       | 74             | 74 74<br>74 74<br>74             | 74             | 74 74                            |                |                                  | Г              | ifter   |  |   |   |   | l ifter   |  |  | New   | / lifte   | er thickne  | ess mm (in.)   |
| 0.531 - 0.550 (0.0209 - 0.0217) 40 -<br>0.551 - 0.570 (0.0217 - 0.0224) 42 -<br>0.571 - 0.590 (0.0225 - 0.0232) 44 -<br>0.591 - 0.610 (0.0233 - 0.0240) 46 -<br>0.611 - 0.630 (0.0231 - 0.0248) 48 -   | 42 44<br>44 46<br>46 48<br>48 50<br>50 52   | 46 48<br>48 50<br>50 52<br>52 54<br>54 56   | 3 50 52<br>0 52 54<br>2 54 56<br>4 56 58<br>5 58 60  | 2 54 56<br>4 56 58<br>5 58 60<br>3 60 62   | 6 56<br>8 58<br>0 60<br>2 62<br>4 64   | 58 58<br>60 60<br>62 62<br>64 64<br>66 66   | 60 6<br>62 6<br>64 6<br>66 6  | 0 62 6<br>2 64 6<br>4 66 6<br>6 68 6<br>8 70 7   | 2 64 6<br>4 66 6<br>6 68 6<br>8 70 7<br>0 72 7   | 4 66<br>6 68<br>8 70<br>0 72  | 66 68<br>68 70<br>70 72<br>72 74<br>74 74   | 68 70<br>70 72<br>72 74<br>74 74   | 0 70<br>2 72<br>4 74<br>4 74  | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74                                       | 74             | 74 74<br>74 74<br>74             | 74             | 74 74                            |                |                                  |                | _ifter  |  | Thick   | iness   |   | Lifter  |  | Thic   | New<br>knes   | / lifte   | thickne   | ess mm (in.)   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.510 (0.0233 - 0.0240)         46           0.611 - 0.630 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0266)         60  | <ul> <li>42</li> <li>44</li> <li>46</li> <li>48</li> <li>50</li> <li>52</li> <li>52</li> <li>54</li> </ul>  | 46 48<br>48 50<br>50 52<br>52 54<br>54 56<br>56 58  | 3         50         52           52         54         56           54         56         58           5         58         60           3         60         62  | 2         54         56           4         56         58           5         58         60           3         60         62           0         62         64  | 6 56<br>8 58<br>0 60<br>2 62<br>4 64<br>6 66   | 58 58<br>60 60<br>62 62<br>64 64<br>66 66<br>68 68  | 60 6<br>62 6<br>64 6<br>66 6<br>68 6<br>70 7  | 0 62 6<br>2 64 6<br>4 66 6<br>6 68 6<br>8 70 7<br>0 72 7   | 2 64 6<br>4 66 6<br>6 68 6<br>8 70 7<br>0 72 7<br>2 74 7   | i4     66       i6     68       i8     70       i0     72       i2     74       i4     74   | 66         68           68         70           70         72           72         74           74         74   | 68         70           70         72           72         74           74         74           74         74           74         74  | 70<br>72<br>72<br>74<br>74<br>74<br>74<br>74  | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74                                       | 74             | 74 74<br>74 74<br>74             | 74             | /4 /4                            |                |                                  |                | _ifter<br>No.   |  | Thick   | iness   |   | Lifter<br>No.   |  | Thic   | New<br>knes   | / lifte   | r thickne<br>Lifter<br>No.  | ess mm (in.)<br>Thickness  |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.580 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         46           0.611 - 0.630 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0266)         60           0.651 - 0.670 (0.0256 - 0.0264)         52   | <ul> <li>42</li> <li>44</li> <li>46</li> <li>48</li> <li>50</li> <li>52</li> <li>52</li> <li>54</li> <li>56</li> </ul>  | 46     48       48     50       50     52       52     52       54     56       58     60   | 3         50         52           52         54         56           54         56         58           5         58         60           3         60         62           5         62         64  | 2         54         56           4         56         58         60           5         58         60         62           0         62         64         66           2         64         66         68  | 6     56       8     58       0     60       2     62       4     64       6     66       8     68   | 58         58           60         60           62         62           64         64           66         66           68         68           70         70   | 60       6         62       6         64       6         66       6         68       6         70       7         72       7  | 0     62     6       12     64     6       4     66     6       6     68     6       8     70     7       10     72     7       12     74     7  | 2     64     6       4     66     6       6     68     6       8     70     7       0     72     7       2     74     7       4     74     7   | 4     66       6     68       8     70       70     72       72     74       74     74  | 66         68           68         70           70         72           72         74           74         74           74         74           74         74   | 68         70           70         72           72         74           74         74           74         74           74         74  | 70       72       72       74       74       74       74  | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74                                       | 74             | 74 74 74 74 74                   | 74             | /4 /4                            | _              |                                  |                | _ifter<br>No.<br>06   | 5.0  | Thick<br>060 ((   | ness<br>0.199   | 2)  | Lifter<br>No.<br>30   | 5.   | Thic<br>.300 (   | New<br>knes   | / lifte<br>ss<br>)87)   | r thickne<br>Lifter<br>No.<br>54  | ess mm (in.)<br>Thickness<br>5.540 (0.2181   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         46           0.611 - 0.630 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0256)         60           0.651 - 0.670 (0.0266 - 0.0264)         52           0.651 - 0.650 (0.0248 - 0.0272)         54  | 42     44       44     46       46     48       48     50       50     52       52     54       54     56       56     58   | 46         48           48         50           50         52           52         54           56         58           58         60           60         62   | 3         50         52           52         54         56           1         56         58           3         60         62           3         60         62           2         64         66   | 2         54         56           4         56         58           5         58         60           3         60         62           0         62         64           2         64         66           4         66         68  | 6     56       8     58       0     60       2     62       4     64       6     66       8     68       0     70  | 58         58           60         60           62         62           64         64           66         66           68         68           70         70           72         72   | 60         6           62         6           64         6           66         6           68         6           70         7           72         7           74         7   | 0     62     6       2     64     6       4     66     6       6     68     6       8     70     7       70     72     7       72     74     7       74     74     7   | 2     64     6       4     66     6       6     68     6       8     70     7       0     72     7       2     74     7       4     74     7   | i4         66           i6         68           8         70           '0         72           '2         74           '4         74           '4         74           '4         54  | 66         68           68         70           70         72           72         74           74         74           74         74           74         74   | 68         70           70         72           72         74           74         74           74         74  | 70       2     72       4     74       4     74   | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74 74<br>74 74<br>74 74                                       | 74             | 74 74 74 74 74                   | 74             | /4 /4                            | _              |                                  |                | _ifter<br>No.<br>06   | 5.0  | Thick<br>060 ((   | ness<br>).199   | 2)  | Lifter<br>No.<br>30   | 5.   | Thic<br>.300 (   | New<br>knes<br>(0.20  | v lifte<br>ss<br>(87)   | thickne<br>Lifter<br>No.<br>54  | ess mm (in.)<br>Thickness<br>5.540 (0.2181   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         46           0.611 - 0.630 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0256)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.651 - 0.670 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         56   | 42         44           44         46           46         48           48         50           50         52           52         54           56         58           58         60   | 46         48           48         50           50         52           52         54           54         56           58         60           60         62           62         64   | 3         50         52           51         52         54           54         56         58           5         58         60           3         60         62           0         62         64           64         66         68   | 2         54         56           4         56         58           5         58         60           3         60         62           4         56         64           6         64         66           5         68         70           3         70         72  | 6     56       8     58       0     60       2     62       4     64       6     66       8     68       0     70       2     72   | 58         58           60         60           62         62           64         64           66         66           68         68           70         70           72         72           74         74   | 60         6           62         6           64         6           66         6           70         7           72         7           74         7  | 0         62         6           2         64         6           4         66         6           6         68         6           8         70         7           10         72         7           4         74         7           4         74         7   | 2         64         6           4         66         6           6         68         6           8         70         7           0         72         7           2         74         7           4         74         7           4         74         7           4         74         7           4         74         7  | i4     66       i6     68       8     70       10     72       12     74       14     74       14     74  | 66         68           68         70           70         72           72         74           74         74           74         74   | 68         70           70         72           72         74           74         74           74         74           74         74  | 70       72       74       74       74       74   | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74                                       | 74             | 74 74 74 74 74                   | 74             | 74 74                            | _              |                                  |                | _ifter<br>No.<br>06<br>08   | 5.0  | Thick<br>060 ((   | ness<br>0.199   | 2)  | Lifter<br>No.<br>30<br>32   | 5.   | Thic<br>.300 (   | New<br>knes<br>(0.20  | / lifte<br>ss<br>(87)<br>(94)   | thickne<br>Lifter<br>No.<br>54<br>56  | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189  |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         46           0.611 - 0.630 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.690 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         66           0.631 - 0.730 (0.0280 - 0.0287)         86  | 42         44           44         46           46         48           50         52           52         54           56         58           58         60           60         62   | 46         48           48         50           50         52           52         54           56         58           50         60           60         62           64         66   | 3         50         52         54           0         52         54         56           1         56         58         60           3         60         62         64           0         62         64         66           4         66         68         70  | 2         54         56           4         56         58           5         58         60           3         60         62           2         64         66           4         66         68           5         68         70           3         70         72           7         74         74  | 6     56       8     58       0     60       2     62       4     64       6     66       8     68       0     70       2     72       4     74  | 58         58           60         60           62         62           64         64           66         66           68         68           70         70           72         72           74         74   | 60         6           62         6           64         6           66         6           70         7           72         7           74         7           74         7           74         7  | 0     62     64       2     64     6       4     66     6       6     68     6       8     70     7       70     72     74       72     74     7       4     74     7       4     74     7       4     74     7  | 2         64         6           4         66         6           6         68         6           8         70         7           0         72         7           2         74         7           4         74         7           4         74         7           4         74         7   | i4     66       i6     68       8     70       '0     72       '2     74       '4     74       '4     74  | 66         68           68         70           70         72           72         74           74         74           74         74           74         74   | 68         70           70         72           72         74           74         74           74         74           74         74  | ) 70<br>2 72<br>4 74<br>4 74<br>4 74  | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74                                       | 74             | 74 74 74 74 74                   | 74             | /4 /4                            | _              |                                  |                | Lifter<br>No.<br>06<br>08   | 5.0  | Thick<br>)60 ((<br>)80 ((   | ness<br>0.199<br>0.200  | 2)<br>0)  | Lifter<br>No.<br>30<br>32   | 5.   | Thic<br>.300 (<br>.320 (   | New<br>knes<br>(0.20<br>(0.21   | / lifte<br>ss<br>(87)<br>(94)   | Lifter<br>No.<br>54<br>56   | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189  |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.690 (0.0264 - 0.0272)         54           0.681 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.731 - 0.750 (0.0286 - 0.0285)         60           0.731 - 0.750 (0.0286 - 0.0285)         60  | 42         44           44         46           46         48           48         50           50         52           54         56           58         60           60         62           62         64   | 46         48           48         50           50         52           52         54           56         58           58         60           62         64           66         68   | 3         50         52         54           52         54         56         56           54         56         58         60           5         58         60         62           6         62         64         66           6         68         70         72  | 2         54         56         58           4         56         58         60         52           3         60         62         64         66           4         66         68         70         72           5         74         74         74         74   | 6     56       8     58       0     60       2     62       4     64       6     66       8     68       0     70       2     72       4     74       4     74   | 58         58           60         60           62         62           64         64           66         66           68         68           70         70           72         72           74         74           74         74           74         74 | 60         6           62         6           64         6           66         6           70         7           72         7           74         7           74         7           74         7  | 0         62         64           2         64         6           4         66         6           6         68         6           8         70         7           70         72         74           72         74         7           4         74         7           4         74         7           4         74         7  | 2     64     6       4     66     6       6     68     6       8     70     7       0     72     7       2     74     7       4     74     7       4     74     7  | i4     66       i6     68       i8     70       i0     72       i2     74       i4     74       i4     74   | 66         68           68         70           70         72           72         74           74         74           74         74           74         74   | 68     70       70     72       72     74       74     74       74     74  | 0 70<br>2 72<br>4 74<br>4 74<br>4 74  | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74 74<br>74 74<br>74 74                                       | 74 74          | 74 74 74 74 74                   | 74             | 74 74                            | _              |                                  |                | Lifter<br>No.<br>06<br>08<br>10   | 5.0<br>5.1   | Thick<br>060 ((<br>080 ((<br>100 ((   | ness<br>).199<br>).200<br>).200   | 2)<br>0)<br>8)  | Lifter<br>No.<br>30<br>32<br>34   | 5.<br>5.<br>5.   | Thic<br>.300 (<br>.320 (<br>.340 (   | New<br>knes<br>(0.20<br>(0.20<br>(0.21  | / lifte<br>ss<br>)87)<br>)94)<br>02)  | thickne<br>Lifter<br>No.<br>54<br>56<br>58  | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0244 - 0.0246)         48           0.651 - 0.670 (0.0266 - 0.0264)         52           0.661 - 0.670 (0.0264 - 0.0272)         54           0.681 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.731 - 0.750 (0.0286 - 0.0285)         60           0.751 - 0.770 (0.0286 - 0.0333)         62           0.771 - 0.790 (0.0304 - 0.0313)         62   | 42         44           44         46           46         48           48         50           50         52           52         54           56         58           58         60           62         64           64         66   | 46         48           48         50           50         52           52         54           56         58           60         62           64         66           68         70           70         72   | 3         50         52         54           52         54         56         56           2         54         56         58           5         58         60         62           6         62         64         66           6         68         70         72           74         74         74         74   | 2         54         56           4         56         58           5         58         60           5         58         60           6         54         66           2         64         66           4         66         68           5         68         70           5         68         70           2         74         72           2         74         74           4         74         74  | 6     56       8     58       0     60       2     62       4     64       6     66       8     68       0     70       2     72       4     74       4     74       4     74  | 58         58           60         60           62         62           64         64           66         68           68         68           70         70           72         72           74         74           74         74           74         74 | 60         6           62         6           64         6           66         6           70         7           72         7           74         7           74         7   | 0         62         64           2         64         6           4         66         6           6         68         6           8         70         7           70         72         74           72         74         7           4         74         7           4         74         7           4         74         7  | 2         64         6           4         66         6           6         68         6           8         70         7           0         72         7           2         74         7           4         74         7           4         74         7  | i4     66       i6     68       i8     70       i0     72       i2     74       i4     74       i4     74   | 66         68           68         70           70         72           74         74           74         74           74         74   | 68     70       72     72       74     74       74     74       74     74  | 0 70<br>2 72<br>4 74<br>4 74<br>4 74  | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74 74<br>74 74<br>74 74                                       | 74             | 74 74 74 74 74                   | 74             | 74 74                            | 1              |                                  |                | _ifter<br>No.<br>06<br>08<br>10<br>12   | 5.0<br>5.1<br>5.1  | Thick<br>)60 ((<br>)80 ((<br>100 ((   | 0.199<br>0.200<br>0.200<br>0.201  | 2)<br>0)<br>8)<br>6)  | Lifter<br>No.<br>30<br>32<br>34<br>36   | 5.<br>5.<br>5.<br>5.   | Thic<br>.300 (<br>.320 (<br>.340 (<br>.360 (   | New<br>knes<br>(0.20<br>(0.21<br>(0.21  | v lifte<br>ss<br>(87)<br>(94)<br>(02)<br>(10)   | r thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60  | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205  |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0244 - 0.0234)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.690 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         65           0.631 - 0.770 (0.0280 - 0.0287)         58           0.711 - 0.730 (0.0280 - 0.0283)         60           0.751 - 0.770 (0.0296 - 0.0331)         64           0.771 - 0.790 (0.0304 - 0.0311)         64   | 42         44           44         46           46         48           50         52           51         54           52         54           56         58           58         60           62         64           64         66           68         68   | 46         48           48         50           50         52           52         54           56         58           58         60           60         62           64         66           68         70           72         74   | 3         50         52         54           52         54         56         58           5         58         60         62           5         58         60         62           64         66         68         70           63         70         72         72           74         74         74         74   | 2         54         56           4         56         58           5         58         60           3         60         62           2         64         66           4         66         68           5         68         70           3         70         72           0         72         74           4         74         74           4         74         74           4         74         74  | 6     56       8     58       0     60       2     62       4     64       6     66       8     68       0     70       2     72       4     74       4     74       4     74  | 58         58           60         60           62         62           64         64           66         68           70         70           72         72           74         74           74         74   | 60         6           62         6           64         6           66         6           68         6           70         7           72         7           74         7           74         7           74         7   | 0         62         64           2         64         6           4         66         68           6         68         70           7         72         74           7         74         74           4         74         7           4         74         7   | 2     64     6       4     66     6       6     68     6       8     70     7       0     72     7       2     74     7       4     74     7       4     74  | i4     66       i6     68       i8     70       i0     72       i2     74       i4     74       i4     74       i4     74   | 66         68           70         72           72         74           74         74           74         74           74         74   | 68 70<br>70 72<br>72 74<br>74 74<br>74 74<br>74  | 0 70<br>2 72<br>4 74<br>4 74<br>4 74  | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74 74<br>74 74<br>74 74                                       | 74             | 74 74 74 74 74                   | 74             | /4 /4                            | 1              |                                  |                | _ifter<br>No.<br>06<br>08<br>10<br>12   | 5.0<br>5.0<br>5.1  | Thick<br>060 ((<br>080 ((<br>100 ((<br>120 ((   | 0.199<br>0.200<br>0.200<br>0.201  | 2)<br>0)<br>8)<br>6)  | Lifter<br>No.<br>30<br>32<br>34<br>36   | 5.<br>5.<br>5.   | Thic<br>.300 (<br>.320 (<br>.340 (<br>.360 (   | New<br>knes<br>(0.20<br>(0.21<br>(0.21  | v lifte<br>ss<br>(987)<br>(994)<br>(02)<br>(10)   | r thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60  | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205  |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0322)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.661 - 0.710 (0.0264 - 0.0272)         54           0.631 - 0.750 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.751 - 0.770 (0.0286 - 0.0333)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.771 - 0.810 (0.0314 - 0.0331)         68  | 42         44           44         46           46         48           50         52           52         54           56         58           58         60           60         62           64         66           66         68           68         70           70         72   | 46         48           48         50           50         52           52         52           54         56           58         60           60         62           64         66           68         70           70         72           74         74                                     | 3         50         52         54           52         54         56         58           54         56         58         62           3         60         62         64           66         68         70         72           72         74         74         74  | 2         54         56           4         56         58           5         58         60           3         60         62           4         66         64           5         58         60           2         64         66           4         66         64           5         68         70           72         74         74           4         74         74           4         74         74   | 6       56         8       58         0       60         2       62         4       64         6       66         8       68         0       70         2       72         4       74         4       74   | 58         58           60         60           62         62           64         64           66         66           68         68           70         70           72         72           74         74           74         74           74         74 | 60       6         62       6         64       6         66       6         70       7         72       7         74       7         74       7         74       7  | 0         62         64           2         64         66           4         66         68           6         68         6           8         70         7           0         72         74           7         74         74           4         74         7           4         74         7  | 2         64         6           4         66         6           6         68         6           8         70         7           0         72         7           2         74         7           4         74         7           4         74         7           4         74         7   | i4     66       i6     68       i8     70       i0     72       i2     74       i4     74       i4     74       i4     74   | 66         68           70         72           74         74           74         74           74         74   | 68 70<br>70 72<br>72 74<br>74 72<br>74 72<br>74  | 0 70<br>2 72<br>4 74<br>4 74<br>4 74  | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74         74           74         74           74         74 | 74             | 74 74 74 74 74                   | 74             | 74 74                            | 1              |                                  |                | _ifter<br>No.<br>06<br>08<br>10<br>12<br>14   | 5.0<br>5.1<br>5.1  | Thick<br>060 ((<br>080 ((<br>100 ((<br>120 ((<br>140 ((   | ness<br>0.199<br>0.200<br>0.200<br>0.201<br>0.201   | 2)<br>0)<br>8)<br>6)<br>4)  | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38   | 5.<br>5.<br>5.<br>5.   | Thic<br>.300 (<br>.320 (<br>.340 (<br>.360 (<br>.380 (   | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21   | / lifte<br>ss<br>(87)<br>(94)<br>(02)<br>(10)<br>(18)   | r thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62                                      | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0322)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0244 - 0.0234)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.690 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.751 - 0.770 (0.0286 - 0.0295)         60           0.751 - 0.770 (0.0296 - 0.0331)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.791 - 0.810 (0.0314 - 0.0327)         68           0.811 - 0.830 (0.0319 - 0.0327)         68   | 42         44           44         46           46         48           50         52           54         56           55         58           56         58           60         62           62         64           64         66           68         70           70         72           74  | 46         448         502           48         502         522           52         54         562           56         582         562           58         602         642           64         666         666           68         702         722           74         742         742      | 3         50         52           52         54         56           54         56         58           5         58         60           3         60         62           4         66         68           5         68         70           72         74         74           4         74         74           4         74         74   | 2         54         56           4         56         58           5         58         60           6         52         64           2         64         66           4         66         68           7         74         74           1         74         74  | 6         56           58         58           0         60           2         62           4         64           6         66           8         68           0         70           2         72           4         74           4         74  | 58         58           60         60           62         62           64         64           66         66           68         68           70         70           72         72           74         74           74         74                         | 60         6           62         6           64         6           66         6           68         6           70         7           74         7           74         7   | 0     62     64       2     64     66       4     66     68       6     68     70       7     7     7       2     74     7       4     74     7       4     74     7   | 2     64     6       4     66     6       6     68     6       8     70     7       0     72     7       2     74     7       4     74     7       4     74     7  | i4     66       i6     68       8     70       0     72       '2     74       '4     74       '4     74   | 66         68           70         72           72         74           74         74           74         74   | 68 70<br>70 72<br>74 74<br>74 74<br>74 74<br>74  | 0         70           2         72           4         74           4         74                                 | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74         74           74         74           74         74 | 74             | 74 74 74 74                      | 74             | /4 //4                           | _              |                                  |                | _ifter<br>No.<br>06<br>08<br>10<br>12<br>14   | 5.0<br>5.0<br>5.1<br>5.1<br>5.1  | Thick<br>060 ((<br>080 ((<br>100 ((<br>120 ((<br>140 ((   | 2012<br>2012<br>2012<br>2012<br>2012<br>2012<br>2012<br>2012  | 2)<br>0)<br>8)<br>6)<br>4)  | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40                                     | 5.<br>5.<br>5.<br>5.   | Thic<br>.300 (<br>.320 (<br>.340 (<br>.360 (<br>.380 (   | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21   | / lifte<br>ss<br>(87)<br>(994)<br>(02)<br>(10)<br>(18)<br>(26)  | Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64   | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0332)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0244 - 0.0234)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.590 (0.0264 - 0.0272)         54           0.631 - 0.650 (0.0280 - 0.0283)         58           0.671 - 0.790 (0.0260 - 0.0283)         58           0.711 - 0.730 (0.0280 - 0.0283)         58           0.751 - 0.770 (0.0296 - 0.0333)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.791 - 0.810 (0.0314 - 0.0327)         68           0.831 - 0.850 (0.0327 - 0.0335)         70           0.831 - 0.870 (0.0335 - 0.0343)         72  | 42         44           44         46           48         50           50         52           54         56           58         60           62         64           64         68           68         70           72         74   | 46         48           48         50           52         54           54         56           56         56           58         60           60         62           64         66           68         70           72         74           74         74                                     | 3         50         52           52         54         56           54         56         58           63         58         60           62         64         66           58         60         52           64         56         58           62         64         66           5         68         70           63         70         72           74         74           74         74           4         74   | 2         54         56           4         56         58           5         58         60           2         54         62           4         66         64           5         58         77           3         70         72           2         74         74           4         74         74           4         74         74  | 6         56           58         58           0         60           2         62           4         64           6         66           6         68           0         70           2         72           4         74           4         74  | 58         58           60         60           62         62           64         64           66         68           70         70           72         72           74         74           74         74   | 60         6           62         6           64         6           66         6           68         6           70         7           74         7           74         7   | 0 62 6<br>2 64 6<br>4 66 6<br>6 68 6<br>8 70 7<br>0 72 7<br>2 74 7<br>4 74 7<br>4 74 7<br>4 74 7   | 2         64         6           4         66         6           6         68         70           7         72         7           2         74         74           4         74         7           4         74         7           4         74         7           4         74         7   | 44 66<br>66 68<br>870 72<br>274 74<br>74 74<br>44 74<br>4   | 66         68           68         70           72         74           74         74           74         74           74         74   | 68 7(7<br>70 72<br>72 74<br>74 72<br>74 72<br>74 74  | 2         70           2         72           4         74           5         74                                 | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74 74<br>74 74<br>74 74                                       | 74             | 74 74 74 74                      | 74             | /4 //4                           | _              |                                  |                | Lifter<br>No.<br>06<br>08<br>10<br>12<br>14<br>16                                     | 5.0<br>5.0<br>5.1<br>5.1<br>5.1  | Thick<br>060 ((<br>080 ((<br>20 ((<br>440 ((<br>160 ((  | 20.200<br>2.200<br>2.200<br>2.201<br>2.202<br>2.202<br>2.203  | 2)<br>0)<br>8)<br>6)<br>4)<br>1)  | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40                                     | 5.<br>5.<br>5.<br>5.<br>5.   | Thic<br>.300 (<br>.320 (<br>.340 (<br>.360 (<br>.380 (<br>.400 (   | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21)<br>(0.21)  | / lifte<br>ss<br>(987)<br>(994)<br>(02)<br>(10)<br>(18)<br>(26)   | Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64   | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213<br>5.640 (0.2220  |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0241 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.651 - 0.670 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.751 - 0.770 (0.0286 - 0.0295)         60           0.751 - 0.770 (0.0296 - 0.0331)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.791 - 0.810 (0.0311 - 0.0327)         68           0.831 - 0.850 (0.0327 - 0.0335)         70           0.851 - 0.870 (0.0335 - 0.0343)         72           0.851 - 0.870 (0.0335 - 0.0343)         72           0.851 - 0.870 (0.0335 - 0.0343)         72           0.851 - 0.870 (0.0345 - 0.0355)         70   | 42         44           44         46           45         48           50         52           52         54           54         56           55         58           56         58           57         54           58         60           60         62           64         66           68         70           72         74           74         74 | 46         48           48         50           52         54           54         56           58         60           60         62           64         66           68         70           72         74           74         74   | 3         50         52         54           1         52         54         56           2         54         56         58           4         56         58         60           5         58         60         52           0         62         64         66           5         68         70         72           0         72         74         74           4         74         74           4         74         74  | 2         54         56           4         56         58           5         58         60           3         60         62           4         66         64           6         58         70           7         72         74           7         74         74           4         74         74           4         74         74  | 6         56           6         58           58         58           0         60           2         62           4         64           6         66           6         68           0         70           2         72           4         74           4         74   | 58         58           60         60           62         62           64         64           66         66           68         68           70         72           74         74           74         74   | 60         6           62         6           64         6           66         6           68         6           70         7           74         7           74         7           74         7  | 0 62 6<br>2 64 6<br>4 66 6<br>6 68 6<br>8 70 7<br>0 72 7<br>2 74 7<br>4 74 7<br>4 74 7<br>4 74 7<br>4  | 2     64     6       4     66     6       6     68     6       8     70     7       0     72     7       2     74     7       4     74     7       4     74     7       4     74     7   | 4     66       6     68       70     72       2     74       4     74       4     74  | 66 68 70 72 72 74 74 74 74 74 74 74 74 74 74 74 74 74   | 68 7(7<br>70 72 72<br>74 74<br>74 74<br>74 74  | 0     70       2     72       4     74       5     74       6     74  | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74 74<br>74 74<br>74 74<br>74 74                              | 74             | 74 74 74 74                      | 74             | /4 //4                           | _              |                                  |                | Lifter<br>No.<br>06<br>08<br>10<br>12<br>14<br>16<br>18                               | 5.(<br>5.(<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1  | Thick<br>060 ((<br>080 ((<br>100 ((<br>120 ((<br>140 ((<br>140 ((<br>160 ((<br>180 ((   | ness<br>0.199<br>0.200<br>0.201<br>0.201<br>0.202<br>0.203  | 2)<br>0)<br>8)<br>6)<br>4)<br>1)  | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42                               | 5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.                                     | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>380 (<br>400 (<br>420 (  | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21)<br>(0.21  | / lifte<br>ss<br>(87)<br>(94)<br>(02)<br>(10)<br>(18)<br>(26)<br>(34)   | thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66                            | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2220<br>5.640 (0.2220<br>5.660 (0.2228   |
| 0.531 - 0.550 (0.029 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0248 - 0.0234)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.690 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.731 - 0.750 (0.0286 - 0.0295)         60           0.751 - 0.770 (0.0296 - 0.0331)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.791 - 0.810 (0.0311 - 0.0327)         68           0.831 - 0.850 (0.0327 - 0.0335)         70           0.851 - 0.870 (0.0335 - 0.0343)         72           0.861 - 0.870 (0.0335 - 0.0343)         72           0.871 - 0.890 (0.0343 - 0.0355)         74           0.871 - 0.890 (0.0343 - 0.0355)         74           0.871 - 0.890 (0.0354 - 0.0358)         74           0.891 - 0.910 (0.0354 - 0.0358)         74   | 42         44           46         48           45         50           50         52           54         56           55         58           60         62           62         64           64         66           66         68           67         72           72         74           74         74   | 46         48           50         52           54         56           55         56           56         58           60         62           64         66           68         77           702         74           74         74           74         74                                    | 3         50         52         5- </td <td>2         54         56         54         56           5         58         6         66         6         6           6         5         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         7         7         7         7         7         7         7         4         7         7         7         4         7         4         7         4         1         4         4         6         6         6         6         6         6         6         7         7         7         7         7         7         7         4         7         7         7         4         7         4         7         4         4         4         6         6         6         6         6         6         6         6         6         6         6         6         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7<!--</td--><td>6         56           6         58           8         58           0         60           2         62           4         64           6         66           6         66           0         70           2         72           4         74           4         74</td><td>58         58           60         60           62         62           64         64           66         66           67         70           72         72           74         74</td><td>60         6           62         6           64         6           66         6           68         6           70         7           74         7           74         7           74         7</td><td>0         62         6         64         6           2         64         6         6         6         6         6         6         6         6         6         6         6         0         7         7         7         7         7         7         4         74         7         4         7         4         7         4<td>2         64         6           4         66         6           6         68         6           8         70         7           7         7         7           2         74         7           4         74         7           4         74         7           4         74         7</td><td><ul> <li>4</li> <li>4</li> <li>6</li> <li>6</li> <li>8</li> <li>70</li> <li>72</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>4</li> <li>74</li> </ul></td><td>66 68<br/>70 72<br/>72 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74</td><td>68 7(7<br/>70 72 72<br/>74 72<br/>74 72<br/>74 74<br/>74</td><td>0     70       2     72       4     74       5     74       6     74</td><td>72 72<br/>74 74<br/>74 74<br/>74 74<br/>74<br/>74</td><td>74 74<br/>74 74<br/>74 74<br/>74 74</td><td>74</td><td>74 74 74</td><td>74</td><td>/4 //4</td><td>_</td><td></td><td></td><td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18</td><td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1</td><td>Thick<br/>060 ((<br/>080 ((<br/>100 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>180 ((<br/>180 ((</td><td>ness<br/>).199<br/>).200<br/>).200<br/>).201<br/>).202<br/>).203<br/>).203</td><td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)</td><td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42</td><td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td><td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>420 (</td><td>New<br/>knes<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)</td><td>/ lifte<br/>ss<br/>(987)<br/>(994)<br/>(02)<br/>(10)<br/>(18)<br/>(26)<br/>(34)</td><td>thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66</td><td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2228</td></td></td>  | 2         54         56         54         56           5         58         6         66         6         6           6         5         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         7         7         7         7         7         7         7         4         7         7         7         4         7         4         7         4         1         4         4         6         6         6         6         6         6         6         7         7         7         7         7         7         7         4         7         7         7         4         7         4         7         4         4         4         6         6         6         6         6         6         6         6         6         6         6         6         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7 </td <td>6         56           6         58           8         58           0         60           2         62           4         64           6         66           6         66           0         70           2         72           4         74           4         74</td> <td>58         58           60         60           62         62           64         64           66         66           67         70           72         72           74         74</td> <td>60         6           62         6           64         6           66         6           68         6           70         7           74         7           74         7           74         7</td> <td>0         62         6         64         6           2         64         6         6         6         6         6         6         6         6         6         6         6         0         7         7         7         7         7         7         4         74         7         4         7         4         7         4<td>2         64         6           4         66         6           6         68         6           8         70         7           7         7         7           2         74         7           4         74         7           4         74         7           4         74         7</td><td><ul> <li>4</li> <li>4</li> <li>6</li> <li>6</li> <li>8</li> <li>70</li> <li>72</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>4</li> <li>74</li> </ul></td><td>66 68<br/>70 72<br/>72 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74</td><td>68 7(7<br/>70 72 72<br/>74 72<br/>74 72<br/>74 74<br/>74</td><td>0     70       2     72       4     74       5     74       6     74</td><td>72 72<br/>74 74<br/>74 74<br/>74 74<br/>74<br/>74</td><td>74 74<br/>74 74<br/>74 74<br/>74 74</td><td>74</td><td>74 74 74</td><td>74</td><td>/4 //4</td><td>_</td><td></td><td></td><td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18</td><td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1</td><td>Thick<br/>060 ((<br/>080 ((<br/>100 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>180 ((<br/>180 ((</td><td>ness<br/>).199<br/>).200<br/>).200<br/>).201<br/>).202<br/>).203<br/>).203</td><td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)</td><td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42</td><td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td><td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>420 (</td><td>New<br/>knes<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)</td><td>/ lifte<br/>ss<br/>(987)<br/>(994)<br/>(02)<br/>(10)<br/>(18)<br/>(26)<br/>(34)</td><td>thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66</td><td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2228</td></td> | 6         56           6         58           8         58           0         60           2         62           4         64           6         66           6         66           0         70           2         72           4         74           4         74  | 58         58           60         60           62         62           64         64           66         66           67         70           72         72           74         74   | 60         6           62         6           64         6           66         6           68         6           70         7           74         7           74         7           74         7  | 0         62         6         64         6           2         64         6         6         6         6         6         6         6         6         6         6         6         0         7         7         7         7         7         7         4         74         7         4         7         4         7         4 <td>2         64         6           4         66         6           6         68         6           8         70         7           7         7         7           2         74         7           4         74         7           4         74         7           4         74         7</td> <td><ul> <li>4</li> <li>4</li> <li>6</li> <li>6</li> <li>8</li> <li>70</li> <li>72</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>4</li> <li>74</li> </ul></td> <td>66 68<br/>70 72<br/>72 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74</td> <td>68 7(7<br/>70 72 72<br/>74 72<br/>74 72<br/>74 74<br/>74</td> <td>0     70       2     72       4     74       5     74       6     74</td> <td>72 72<br/>74 74<br/>74 74<br/>74 74<br/>74<br/>74</td> <td>74 74<br/>74 74<br/>74 74<br/>74 74</td> <td>74</td> <td>74 74 74</td> <td>74</td> <td>/4 //4</td> <td>_</td> <td></td> <td></td> <td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18</td> <td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1</td> <td>Thick<br/>060 ((<br/>080 ((<br/>100 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>180 ((<br/>180 ((</td> <td>ness<br/>).199<br/>).200<br/>).200<br/>).201<br/>).202<br/>).203<br/>).203</td> <td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)</td> <td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42</td> <td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td> <td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>420 (</td> <td>New<br/>knes<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)</td> <td>/ lifte<br/>ss<br/>(987)<br/>(994)<br/>(02)<br/>(10)<br/>(18)<br/>(26)<br/>(34)</td> <td>thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66</td> <td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2228</td>   | 2         64         6           4         66         6           6         68         6           8         70         7           7         7         7           2         74         7           4         74         7           4         74         7           4         74         7  | <ul> <li>4</li> <li>4</li> <li>6</li> <li>6</li> <li>8</li> <li>70</li> <li>72</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>74</li> <li>4</li> <li>74</li> </ul>  | 66 68<br>70 72<br>72 74<br>74 74<br>74 74<br>74 74<br>74 74   | 68 7(7<br>70 72 72<br>74 72<br>74 72<br>74 74<br>74  | 0     70       2     72       4     74       5     74       6     74  | 72 72<br>74 74<br>74 74<br>74 74<br>74<br>74                         | 74 74<br>74 74<br>74 74<br>74 74                              | 74             | 74 74 74                         | 74             | /4 //4                           | _              |                                  |                | Lifter<br>No.<br>06<br>08<br>10<br>12<br>14<br>16<br>18                               | 5.0<br>5.0<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1  | Thick<br>060 ((<br>080 ((<br>100 ((<br>120 ((<br>120 ((<br>140 ((<br>180 ((<br>180 ((   | ness<br>).199<br>).200<br>).200<br>).201<br>).202<br>).203<br>).203                                     | 2)<br>0)<br>8)<br>6)<br>4)<br>1)<br>9)                                      | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42                               | 5.<br>5.<br>5.<br>5.<br>5.<br>5.   | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>380 (<br>400 (<br>420 (  | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21)   | / lifte<br>ss<br>(987)<br>(994)<br>(02)<br>(10)<br>(18)<br>(26)<br>(34)   | thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66                            | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213<br>5.640 (0.2220<br>5.660 (0.2228   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0322)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0248 - 0.0232)         44           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.651 - 0.670 (0.0264 - 0.0272)         54           0.631 - 0.650 (0.0248 - 0.0287)         58           0.651 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.751 - 0.770 (0.0286 - 0.0295)         60           0.751 - 0.770 (0.0296 - 0.0331)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.791 - 0.810 (0.0311 - 0.0319)         66           0.831 - 0.850 (0.0327 - 0.0335)         70           0.851 - 0.870 (0.0335 - 0.0343)         72           0.861 - 0.870 (0.0335 - 0.0343)         72           0.871 - 0.890 (0.034 - 0.0358)         74           0.871 - 0.890 (0.034 - 0.0358)         74           0.871 - 0.810 (0.0355 - 0.0348)         72           0.871 - 0.810 (0.0355 - 0.0348)         74           0.891 - 0.910 (0.0355 - 0.0366)         74           0   | 42         44           44         46           48         50           50         52           54         56           55         58           60         62           62         64           63         70           72         74           74         74           74         74   | 46         48           50         52           54         56           58         56           58         60           60         62           64         66           68         70           72         74           74         74   | 3         50         52         5-           0         52         5-         5-         5-           2         54         56         55         5-           4         56         52         5-         5-         6-           3         30         60         62         6-         6-         6-           2         64         66         64         66         6-         6-         6-         6-         7-   | 2         54         57           4         56         5         56           5         58         6         6         6           0         0         0         0         0         0           2         2         0         4         66         6           3         70         77         72         7         7           4         74         7         7         4         74   | 6         56           6         58           0         60           2         62           4         64           6         66           6         68           0         70           2         72           4         74           4         74   | 58 58<br>60 60<br>62 62<br>64 64<br>66 66<br>68 68<br>70 70<br>72 72<br>74 74<br>74 74<br>74<br>74  | 60         6           62         6           64         6           66         6           70         7           74         7           744         7   | 0         62         6         64         6           4         66         6         68         6         68         6           8         70         7         7         7         7         7         7         4           4 </td <td>2         64         6         6           4         66         6         8         70         7           0         72         7         7         7         7           2         74         74         7         4         74         7           4         74         74         7         4         4         4         4         4         4</td> <td>44     66       46     68       47     72       27     74       47     74       47     74</td> <td>66 68<br/>70 72<br/>72 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74</td> <td>68         7(7)           72         72           74         72           74         72           74         74</td> <td>0     70       2     72       4     74       4     74       5     74</td> <td>72 72<br/>74 74<br/>74 74<br/>74 74<br/>74 74</td> <td>74 74 74 74 74 74 74 74 74 74</td> <td>74 74</td> <td>74 74 74</td> <td>74</td> <td>/4 //4</td> <td>-</td> <td></td> <td></td> <td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20</td> <td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1</td> <td>Thick<br/>060 ((<br/>080 ((<br/>100 ((<br/>100 ((<br/>100 ((<br/>180 ((<br/>180 ((<br/>180 ((</td> <td>ness<br/>0.199<br/>0.200<br/>0.201<br/>0.202<br/>0.203<br/>0.203<br/>0.203</td> <td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)<br/>7)</td> <td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44</td> <td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td> <td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>440 (<br/>440 (</td> <td>New<br/>knes<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21</td> <td>v lifte<br/>ss<br/>(87)<br/>(994)<br/>(02)<br/>(10)<br/>(10)<br/>(18)<br/>(26)<br/>(34)<br/>(42)</td> <td>thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68</td> <td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2236</td> | 2         64         6         6           4         66         6         8         70         7           0         72         7         7         7         7           2         74         74         7         4         74         7           4         74         74         7         4         4         4         4         4         4   | 44     66       46     68       47     72       27     74       47     74       47     74   | 66 68<br>70 72<br>72 74<br>74 74<br>74 74<br>74 74<br>74 74<br>74 74  | 68         7(7)           72         72           74         72           74         72           74         74  | 0     70       2     72       4     74       4     74       5     74  | 72 72<br>74 74<br>74 74<br>74 74<br>74 74                            | 74 74 74 74 74 74 74 74 74 74                                 | 74 74          | 74 74 74                         | 74             | /4 //4                           | -              |                                  |                | Lifter<br>No.<br>06<br>08<br>10<br>12<br>14<br>16<br>18<br>20                         | 5.0<br>5.0<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1   | Thick<br>060 ((<br>080 ((<br>100 ((<br>100 ((<br>100 ((<br>180 ((<br>180 ((<br>180 ((   | ness<br>0.199<br>0.200<br>0.201<br>0.202<br>0.203<br>0.203<br>0.203                                     | 2)<br>0)<br>8)<br>6)<br>4)<br>1)<br>9)<br>7)                                | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42<br>44                         | 5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.                                     | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>380 (<br>400 (<br>440 (<br>440 (   | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21   | v lifte<br>ss<br>(87)<br>(994)<br>(02)<br>(10)<br>(10)<br>(18)<br>(26)<br>(34)<br>(42)  | thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66<br>68                      | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213<br>5.640 (0.2220<br>5.660 (0.2226<br>5.680 (0.2236  |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0248 - 0.0232)         44           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.651 - 0.670 (0.0264 - 0.0272)         54           0.631 - 0.650 (0.0248 - 0.0272)         54           0.651 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.731 - 0.750 (0.0286 - 0.0295)         60           0.751 - 0.770 (0.0296 - 0.0303)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.781 - 0.710 (0.0327 - 0.0335)         70           0.811 - 0.830 (0.0319 - 0.0327)         68           0.831 - 0.850 (0.0327 - 0.0335)         70           0.851 - 0.870 (0.0335 - 0.0343)         72           0.861 - 0.870 (0.0335 - 0.0343)         72           0.871 - 0.990 (0.0343 - 0.0350)         74           0.891 - 0.910 (0.0351 - 0.0358)         74           0.911 - 0.930 (0.0359 - 0.0366)         74  | 42         44           44         46           48         48           400         48           400         48           400         50           52         54           54         56           58         60           60         62           64         66           68         70           70         72           74         74                      | 46         48           50         52           54         56           55         56           56         56           60         62           64         66           68         70           72         72           74         74   | 3         50         52         5-           10         52         5-         5-         5-           2         54         56         55         5-         6-           3         80         62         5-         6-  | 2         54         57         57           4         56         58         67         58           5         58         67         67         72           2         24         68         77         77           2         74         76         77         72           2         74         74         74         74           4         74         74         74         74   | 6         56           6         58           0         60           2         62           4         64           6         66           8         88           0         70           2         72           4         74           4         74   | 58 58<br>60 60<br>62 62<br>64 64<br>66 66<br>68 68<br>70 70<br>72 72<br>74 74<br>74 74<br>74 74   | 60         6           62         6           64         6           66         6           68         6           70         7           74         7           74         7   | 0         62         6         64         6           4         66         6         68         6           6         68         70         7         7           7         7         7         7         7           4         74         7         7         7           4         4         4         5         5   | 2         64         6         6           4         66         6         6         6           8         70         7         7         7           2         2         74         7         7         7           4         74         7         4         4         4   | 4     66       6     88       70     72       2     74       4     74       4     74  | 66 68<br>70 72<br>72 74<br>74 74<br>74 74<br>74<br>74   | 68         7(7)           72         72           74         72           74         72           74         72  | b     70       2     72       4     74       4     74       4     74  | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74<br>74 74                              | 74 74          | 74 74 74                         | 74             | /4 //4                           |                |                                  |                | Lifter<br>No.<br>06<br>08<br>10<br>12<br>14<br>16<br>18<br>20<br>22                   | 5.0<br>5.0<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.2               | Thick<br>060 ((<br>080 ((<br>100 ((<br>120 ((<br>140 ((<br>140 ((<br>180 (()))))))))))))))))))))))))))))))))))  | ness<br>0.199<br>0.200<br>0.201<br>0.202<br>0.203<br>0.203<br>0.204                                     | 2)<br>0)<br>8)<br>6)<br>4)<br>1)<br>9)<br>7)<br>5)                          | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42<br>44<br>44                   | 5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.                         | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>380 (<br>400 (<br>440 (<br>440 (<br>440 (  | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21)<br>(0.21)<br>(0.21)   | <ul> <li>r lifte</li> <li>ss</li> <li>987)</li> <li>994)</li> <li>02)</li> <li>10)</li> <li>18)</li> <li>26)</li> <li>34)</li> <li>42)</li> <li>50)</li> </ul>  | r thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66<br>68<br>68<br>70        | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2220<br>5.640 (0.2220<br>5.660 (0.2226<br>5.680 (0.2226<br>5.680 (0.2226<br>5.680 (0.2226                  |
| 0.531 - 0.550 (0.029 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0248 - 0.0234)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.690 (0.0264 - 0.0272)         54           0.691 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.731 - 0.750 (0.0286 - 0.0235)         60           0.751 - 0.770 (0.0296 - 0.0303)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.781 - 0.710 (0.0311 - 0.0319)         66           0.811 - 0.830 (0.0319 - 0.0327)         68           0.831 - 0.850 (0.0327 - 0.0335)         70           0.851 - 0.870 (0.0335 - 0.0343)         72           0.871 - 0.890 (0.034 - 0.0358)         74           0.891 - 0.910 (0.0355 - 0.0343)         74           0.891 - 0.910 (0.0355 - 0.0368)         74           0.891 - 0.910 (0.0355 - 0.0366)         74  | 42         44           44         46           48         450           50         52         54           52         54         56           55         58         60           60         62         64           666         68         60           670         72         74           74         74         74   | 46         48           50         52           54         56           58         60           60         62           64         66           68         70           72         74           74         74           74         74   | i         50         52         54         50         52         54         54         55         54         54         56 </td <td>2         54         57         57           4         56         55         54         57           3         60         62         64         66         62           2         2         64         66         64         66         62           3         70         77         77         7</td> <td>6     56       8     58       0     60       2     62       4     6       6     6       8     6       0     70       2     72       4     74       4     74</td> <td>58 58<br/>60 60<br/>62 62<br/>64 64<br/>66 66<br/>68 68<br/>77 70<br/>72 72<br/>74 74<br/>74 74<br/>74 74</td> <td>60 6<br/>62 6<br/>64 6<br/>66 6<br/>68 6<br/>70 7<br/>72 7<br/>74 7<br/>74 7<br/>74 7<br/>74 7</td> <td>0 62 64 64 66 66 66 66 66 66 66 66 66 66 66</td> <td>2 64 6<br/>6 66 6<br/>8 70 7<br/>2 74 7<br/>2 74 7<br/>4 74 7<br/>4 74 7<br/>4 74 7</td> <td>4     66       6     6       6     6       8     70       0     72       2     74       4     74       4     74       4     74       4     74</td> <td>66 68<br/>68 70<br/>72 72 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74</td> <td>68 7(7<br/>70 72 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72</td> <td>b     70       2     72       4     74       4     74       4     74</td> <td>72 72<br/>74 74<br/>74 74<br/>74 74</td> <td>74 74<br/>74 74<br/>74 74</td> <td>74 74</td> <td>74 74 74</td> <td>74</td> <td>/4 //4</td> <td></td> <td></td> <td></td> <td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20<br/>22</td> <td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.2<br/>5.2</td> <td>Thick<br/>060 ((<br/>080 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>180 ((<br/>180 ((<br/>180 ((<br/>1220 ((<br/>180 (()))))))))))))))))))))))))))))))))))</td> <td>ness<br/>0.199<br/>0.200<br/>0.201<br/>0.202<br/>0.203<br/>0.203<br/>0.204<br/>0.204</td> <td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)<br/>7)<br/>5)</td> <td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44<br/>46</td> <td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td> <td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>440 (<br/>440 (<br/>440 (</td> <td>New<br/>knes<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)<br/>(0.21)</td> <td><ul> <li>r lifte</li> <li>ss</li> <li>a87)</li> <li>a94)</li> <li>a94)</li> <li>a02)</li> <li>a10)</li> <li>a10)</li> <li>a34)</li> <li>a42)</li> <li>a50)</li> </ul></td> <td>r thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68<br/>70</td> <td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2226<br/>5.680 (0.2226</td>   | 2         54         57         57           4         56         55         54         57           3         60         62         64         66         62           2         2         64         66         64         66         62           3         70         77         77            | 6     56       8     58       0     60       2     62       4     6       6     6       8     6       0     70       2     72       4     74       4     74  | 58 58<br>60 60<br>62 62<br>64 64<br>66 66<br>68 68<br>77 70<br>72 72<br>74 74<br>74 74<br>74 74   | 60 6<br>62 6<br>64 6<br>66 6<br>68 6<br>70 7<br>72 7<br>74 7<br>74 7<br>74 7<br>74 7  | 0 62 64 64 66 66 66 66 66 66 66 66 66 66 66  | 2 64 6<br>6 66 6<br>8 70 7<br>2 74 7<br>2 74 7<br>4 74 7<br>4 74 7<br>4 74 7   | 4     66       6     6       6     6       8     70       0     72       2     74       4     74       4     74       4     74       4     74   | 66 68<br>68 70<br>72 72 74<br>74 74<br>74 74<br>74 74<br>74 74  | 68 7(7<br>70 72 72<br>74 72<br>74 72<br>74 72<br>74 72<br>74 72  | b     70       2     72       4     74       4     74       4     74  | 72 72<br>74 74<br>74 74<br>74 74                                     | 74 74<br>74 74<br>74 74                                       | 74 74          | 74 74 74                         | 74             | /4 //4                           |                |                                  |                | Lifter<br>No.<br>06<br>08<br>10<br>12<br>14<br>16<br>18<br>20<br>22                   | 5.0<br>5.0<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.2<br>5.2                             | Thick<br>060 ((<br>080 ((<br>120 ((<br>120 ((<br>140 ((<br>180 ((<br>180 ((<br>180 ((<br>1220 ((<br>180 (())))))))))))))))))))))))))))))))))) | ness<br>0.199<br>0.200<br>0.201<br>0.202<br>0.203<br>0.203<br>0.204<br>0.204                            | 2)<br>0)<br>8)<br>6)<br>4)<br>1)<br>9)<br>7)<br>5)                          | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42<br>44<br>46                   | 5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.                         | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>380 (<br>400 (<br>440 (<br>440 (<br>440 (  | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21)<br>(0.21)  | <ul> <li>r lifte</li> <li>ss</li> <li>a87)</li> <li>a94)</li> <li>a94)</li> <li>a02)</li> <li>a10)</li> <li>a10)</li> <li>a34)</li> <li>a42)</li> <li>a50)</li> </ul>   | r thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66<br>68<br>70              | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213<br>5.640 (0.2220<br>5.660 (0.2226<br>5.680 (0.2226<br>5.680 (0.2226                                   |
| 0.531 - 0.550 (0.0209 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0248 - 0.0234)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0266 - 0.0264)         52           0.671 - 0.690 (0.0264 - 0.0272)         54           0.631 - 0.710 (0.0272 - 0.0280)         65           0.711 - 0.730 (0.0280 - 0.0287)         58           0.731 - 0.750 (0.0286 - 0.0235)         60           0.751 - 0.770 (0.0296 - 0.0303)         62           0.771 - 0.790 (0.0304 - 0.0311)         64           0.781 - 0.710 (0.0327 - 0.0335)         70           0.811 - 0.830 (0.0319 - 0.0327)         68           0.831 - 0.850 (0.0327 - 0.0335)         70           0.851 - 0.870 (0.0335 - 0.0343)         72           0.871 - 0.890 (0.034 - 0.0358)         74           0.891 - 0.910 (0.0355 - 0.0343)         74           0.891 - 0.910 (0.0355 - 0.0368)         74           0.891 - 0.910 (0.0355 - 0.0366)         74   | 42         44           44         46           43         46           44         46           50         52           52         54           54         56           56         58           60         62           64         66           68         70           72         74           74         74           74         74                         | 46         48           50         52           52         54           56         55           60         62           62         64           66         68           70         72           74         74   | i         50         52         54         54         55         54         54         56 </td <td>2         54         57           4         56         54           5         58         60           62         64         66           2         64         66           3         70         77           2         74         74           4         74         74</td> <td>6         66         66           8         58         0         60           2         62         4         64           6         6         6         6           8         68         0         70         2           2         72         2         72         4         74           4         74         74         4         74           4         74         74         5         5</td> <td>58 58<br/>60 60<br/>62 62<br/>64 64<br/>66 66<br/>68 68<br/>70 70<br/>72 72<br/>74 74<br/>74 74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74</td> <td>60 6<br/>62 6<br/>64 6<br/>66 6<br/>68 6<br/>67 7<br/>72 7<br/>74 7<br/>74 7<br/>74 7<br/>74 7<br/>74 7<br/>74 7<br/>8<br/>8<br/>9</td> <td>Clea</td> <td>2 64 6<br/>6 66 6<br/>8 70 7<br/>2 74 7<br/>2 74 7<br/>4 74 7<br/>4 74 7<br/>4 74 7<br/>7<br/>0 (0.1</td> <td>44     66       6     6       6     6       8     70       0     72       2     74       4     74       4     74       4     4</td> <td>66 68<br/>68 70<br/>72 72 74<br/>74 74 74<br/>74 74 74<br/>74 74 74 74<br/>74 74 74<br/>74 74 74 74<br/>74 74 74 74 74<br/>74 74 74 74 74 74 74 74 74 74 74 74 74 7</td> <td>68 7(7<br/>70 72 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72<br/>74 72</td> <td>2 70<br/>2 72<br/>4 74<br/>4 74<br/>5 74<br/>5 74<br/>74<br/>5 74</td> <td>72 72<br/>74 74<br/>74 74<br/>74 74<br/>74</td> <td>74 74<br/>74 74<br/>74 74</td> <td>74 74</td> <td>74 74 74 74</td> <td>74</td> <td>/4 //4</td> <td></td> <td></td> <td></td> <td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20<br/>22<br/>24</td> <td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.2<br/>5.2<br/>5.2<br/>5.2</td> <td>Thick<br/>060 ((<br/>080 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>160 ((<br/>180 ((<br/>180 ((<br/>200 ((<br/>220 ((<br/>220 ((</td> <td>ness<br/>0.199<br/>0.200<br/>0.201<br/>0.202<br/>0.203<br/>0.203<br/>0.204<br/>0.205<br/>0.206</td> <td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)<br/>7)<br/>5)<br/>3)</td> <td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44<br/>46<br/>48</td> <td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td> <td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>400 (<br/>440 (<br/>44)</td> <td>New<br/>knes<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)<br/>(0.21)</td> <td><ul> <li>/ lifte</li> <li>ss</li> <li>// 100</li> <li>100</li> <li>100</li></ul></td> <td>r thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68<br/>70<br/>72</td> <td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2226<br/>5.680 (0.2226<br/>5.700 (0.2244<br/>5.720 (0.2252</td>   | 2         54         57           4         56         54           5         58         60           62         64         66           2         64         66           3         70         77           2         74         74           4         74         74   | 6         66         66           8         58         0         60           2         62         4         64           6         6         6         6           8         68         0         70         2           2         72         2         72         4         74           4         74         74         4         74           4         74         74         5         5  | 58 58<br>60 60<br>62 62<br>64 64<br>66 66<br>68 68<br>70 70<br>72 72<br>74 74<br>74 74<br>74<br>74<br>74<br>74<br>74<br>74<br>74<br>74  | 60 6<br>62 6<br>64 6<br>66 6<br>68 6<br>67 7<br>72 7<br>74 7<br>74 7<br>74 7<br>74 7<br>74 7<br>74 7<br>8<br>8<br>9   | Clea   | 2 64 6<br>6 66 6<br>8 70 7<br>2 74 7<br>2 74 7<br>4 74 7<br>4 74 7<br>4 74 7<br>7<br>0 (0.1  | 44     66       6     6       6     6       8     70       0     72       2     74       4     74       4     74       4     4  | 66 68<br>68 70<br>72 72 74<br>74 74 74<br>74 74 74<br>74 74 74 74<br>74 74 74<br>74 74 74 74<br>74 74 74 74 74<br>74 74 74 74 74 74 74 74 74 74 74 74 74 7 | 68 7(7<br>70 72 72<br>74 72<br>74 72<br>74 72<br>74 72<br>74 72<br>74 72<br>74 72<br>74 72<br>74 72  | 2 70<br>2 72<br>4 74<br>4 74<br>5 74<br>5 74<br>74<br>5 74  | 72 72<br>74 74<br>74 74<br>74 74<br>74                               | 74 74<br>74 74<br>74 74                                       | 74 74          | 74 74 74 74                      | 74             | /4 //4                           |                |                                  |                | Lifter<br>No.<br>06<br>08<br>10<br>12<br>14<br>16<br>18<br>20<br>22<br>24             | 5.0<br>5.0<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.2<br>5.2<br>5.2<br>5.2               | Thick<br>060 ((<br>080 ((<br>120 ((<br>120 ((<br>140 ((<br>160 ((<br>180 ((<br>180 ((<br>200 ((<br>220 ((<br>220 ((   | ness<br>0.199<br>0.200<br>0.201<br>0.202<br>0.203<br>0.203<br>0.204<br>0.205<br>0.206                   | 2)<br>0)<br>8)<br>6)<br>4)<br>1)<br>9)<br>7)<br>5)<br>3)                    | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42<br>44<br>46<br>48             | 5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.       | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>400 (<br>440 (<br>44)   | New<br>knes<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21)<br>(0.21)                                       | <ul> <li>/ lifte</li> <li>ss</li> <li>// 100</li> <li>100</li> <li>100</li></ul>  | r thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66<br>68<br>70<br>72        | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213<br>5.640 (0.2220<br>5.660 (0.2226<br>5.680 (0.2226<br>5.680 (0.2226<br>5.700 (0.2244<br>5.720 (0.2252 |
| 0.531 - 0.550 (0.029 - 0.0217)         40           0.551 - 0.570 (0.0217 - 0.0224)         42           0.571 - 0.590 (0.0225 - 0.0232)         44           0.591 - 0.610 (0.0233 - 0.0240)         45           0.631 - 0.650 (0.0248 - 0.0232)         44           0.631 - 0.650 (0.0248 - 0.0248)         48           0.631 - 0.650 (0.0248 - 0.0266)         50           0.651 - 0.670 (0.0264 - 0.0272)         54           0.631 - 0.650 (0.0280 - 0.0280)         56           0.651 - 0.710 (0.0272 - 0.0280)         56           0.711 - 0.730 (0.0280 - 0.0287)         58           0.731 - 0.750 (0.0280 - 0.0287)         56           0.771 - 0.790 (0.0304 - 0.0311)         64           0.791 - 0.710 (0.0296 - 0.0303)         52           0.811 - 0.830 (0.0319 - 0.0327)         68           0.831 - 0.850 (0.0327 - 0.0335)         70           0.851 - 0.870 (0.0335 - 0.0343)         72           0.871 - 0.890 (0.0343 - 0.0350)         74           0.891 - 0.910 (0.0351 - 0.0358)         74           0.911 - 0.930 (0.0359 - 0.0366)         74   | 42         44           44         46           43         46           44         46           45         56           52         54           54         56           56         58           60         62           64         66           68         70           72         74           74         74           74         74                         | 46         48         50           52         52         54           56         56         56           58         60         62           64         66         66           68         70         72           72         74         74           74         74         74                     | 3         50         52         54         54         55         54         54         56 </td <td>2         54         57           4         56         54         57           5         58         60         62           6         64         66         64           6         66         64         66           5         68         77         77           7         7         7         7           7         7         7         7           7         7         7         7           7         7         7         7           7         7         7         7           7         7         7         7           7         7         7         7           7         7         7         7           8         7         8         7</td> <td>6       56         8       58         0       60         2       62         4       64         6       66         6       66         0       70         2       72         4       74         4       74         4       74         4       74         5       72         4       74         5       74         4       74         74       74</td> <td>58 58<br/>60 60<br/>62 62<br/>64 64<br/>68 68<br/>68 68<br/>70 70<br/>72 72<br/>74 74<br/>74 74<br/>74 74<br/>74<br/>74 74<br/>74<br/>74 74</td> <td>60       6         62       6         64       6         68       6         70       7         74       7         74       7         74       7         74       7         72       7         74       7         74       7         72       7         74       <td< td=""><td>0         62         6         6           2         64         6         6         6           6         6         8         70         7         7           0         72         7         7         7         7         7           2         74         7         4         74         7           4         74         7         4         4         4</td><td>ranco<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10.05<br/>10</td><td>4 66<br/>6 68<br/>8 70<br/>0 72<br/>2 74<br/>4 74<br/>4 74<br/>4 74<br/>4 74<br/>0<br/>0 0<br/>0 0<br/>0 0<br/>0 0<br/>0 0<br/>0 0<br/>0 0<br/>0 0<br/>0 0</td><td>66 68<br/>68 70<br/>70 72<br/>72 74<br/>74 74<br/>74 74<br/>74<br/>74<br/>74<br/>70<br/>0.<br/>mm (10</td><td>688 70<br/>70 72 74<br/>74 72<br/>74 72<br/>74<br/>74<br/>74<br/>72<br/>74<br/>74<br/>72<br/>74<br/>74<br/>72<br/>74<br/>74<br/>72<br/>74<br/>74<br/>72<br/>74<br/>74<br/>72<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74</td><td>) 70<br/>2 72<br/>4 74<br/>4 74<br/>5 74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>7</td><td>72 72<br/>74 74<br/>74 74<br/>74 74</td><td>74 74<br/>74 74<br/>74 74</td><td>74<br/>74</td><td>inst</td><td></td><td>ed. 2</td><td>and</td><td>Ŀ</td><td></td><td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20<br/>22<br/>24</td><td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.2<br/>5.2<br/>5.2</td><td>Thick<br/>060 ((<br/>080 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>160 ((<br/>160 ((<br/>180 ((<br/>200 ((<br/>220 ((<br/>220 ((<br/>220 ((<br/>220 ((</td><td>ness<br/>0.199<br/>0.200<br/>0.201<br/>0.203<br/>0.203<br/>0.203<br/>0.203<br/>0.204<br/>0.205<br/>0.206</td><td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)<br/>7)<br/>5)<br/>3)</td><td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44<br/>46<br/>48</td><td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td><td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>360 (<br/>400 (<br/>420 (<br/>440 (<br/>460 (<br/>480 (<br/>20 (<br/>480 (<br/>19 ( 19 (<br/>19 (<br/>19</td><td>New<br/>knes<br/>(0.20<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)<br/>(0.21)<br/>(0.21</td><td><ul> <li>/ lifte</li> <li>ss</li> <li>(87)</li> <li>(94)</li> <li>(02)</li> <li>(10)</li> <li>(10)<!--</td--><td>r thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68<br/>70<br/>72</td><td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2226<br/>5.680 (0.2224<br/>5.700 (0.2244<br/>5.720 (0.2252</td></li></ul></td></td<></td>  | 2         54         57           4         56         54         57           5         58         60         62           6         64         66         64           6         66         64         66           5         68         77         77           7         7         7         7           7         7         7         7           7         7         7         7           7      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2</td><td>and</td><td>Ŀ</td><td></td><td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20<br/>22<br/>24</td><td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.2<br/>5.2<br/>5.2</td><td>Thick<br/>060 ((<br/>080 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>160 ((<br/>160 ((<br/>180 ((<br/>200 ((<br/>220 ((<br/>220 ((<br/>220 ((<br/>220 ((</td><td>ness<br/>0.199<br/>0.200<br/>0.201<br/>0.203<br/>0.203<br/>0.203<br/>0.203<br/>0.204<br/>0.205<br/>0.206</td><td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)<br/>7)<br/>5)<br/>3)</td><td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44<br/>46<br/>48</td><td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td><td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>360 (<br/>400 (<br/>420 (<br/>440 (<br/>460 (<br/>480 (<br/>20 (<br/>480 (<br/>19 ( 19 (<br/>19 (<br/>19</td><td>New<br/>knes<br/>(0.20<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)<br/>(0.21)<br/>(0.21</td><td><ul> <li>/ lifte</li> <li>ss</li> <li>(87)</li> <li>(94)</li> <li>(02)</li> <li>(10)</li> <li>(10)<!--</td--><td>r thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68<br/>70<br/>72</td><td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2226<br/>5.680 (0.2224<br/>5.700 (0.2244<br/>5.720 (0.2252</td></li></ul></td></td<> | 0         62         6         6           2         64         6         6         6           6         6         8         70         7         7           0         72         7         7         7         7         7           2         74         7         4         74         7           4         74         7         4         4         4   | 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5.0<br>5.0<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.1<br>5.2<br>5.2<br>5.2                      | Thick<br>060 ((<br>080 ((<br>120 ((<br>120 ((<br>140 ((<br>160 ((<br>160 ((<br>180 ((<br>200 ((<br>220 ((<br>220 ((<br>220 ((<br>220 ((   | ness<br>0.199<br>0.200<br>0.201<br>0.203<br>0.203<br>0.203<br>0.203<br>0.204<br>0.205<br>0.206          | 2)<br>0)<br>8)<br>6)<br>4)<br>1)<br>9)<br>7)<br>5)<br>3)                    | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42<br>44<br>46<br>48             | 5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.                         | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>360 (<br>400 (<br>420 (<br>440 (<br>460 (<br>480 (<br>20 (<br>480 (<br>19 ( 19 (<br>19 (<br>19 | New<br>knes<br>(0.20<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21)<br>(0.21)<br>(0.21                              | <ul> <li>/ lifte</li> <li>ss</li> <li>(87)</li> <li>(94)</li> <li>(02)</li> <li>(10)</li> <li>(10)<!--</td--><td>r thickne<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68<br/>70<br/>72</td><td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2226<br/>5.680 (0.2224<br/>5.700 (0.2244<br/>5.720 (0.2252</td></li></ul> | r thickne<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66<br>68<br>70<br>72        | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213<br>5.640 (0.2220<br>5.660 (0.2226<br>5.680 (0.2226<br>5.680 (0.2224<br>5.700 (0.2244<br>5.720 (0.2252 |
| <ul> <li>0.531 - 0.550 (0.0299 - 0.0217)</li> <li>40 -</li> <li>0.551 - 0.570 (0.0217 - 0.0224)</li> <li>42 -</li> <li>0.571 - 0.590 (0.0225 - 0.0232)</li> <li>44 -</li> <li>0.591 - 0.610 (0.0233 - 0.0240)</li> <li>45 -</li> <li>0.631 - 0.630 (0.0241 - 0.0248)</li> <li>48 -</li> <li>0.631 - 0.650 (0.0248 - 0.0266)</li> <li>50 -</li> <li>52 -</li> <li>0.651 - 0.670 (0.0265 - 0.0264)</li> <li>52 -</li> <li>0.651 - 0.670 (0.0264 - 0.0272)</li> <li>54 -</li> <li>0.631 - 0.710 (0.0272 - 0.0280)</li> <li>65 -</li> <li>0.711 - 0.730 (0.0280 - 0.0287)</li> <li>58 -</li> <li>0.731 - 0.750 (0.0286 - 0.0287)</li> <li>58 -</li> <li>0.771 - 0.790 (0.0304 - 0.0311)</li> <li>64 -</li> <li>0.791 - 0.810 (0.0311 - 0.0319)</li> <li>0.811 - 0.830 (0.0319 - 0.0327)</li> <li>0.851 - 0.870 (0.0355 - 0.0343)</li> <li>72 -</li> <li>0.851 - 0.870 (0.0355 - 0.0343)</li> <li>74 -</li> <li>0.891 - 0.910 (0.0355 - 0.0368)</li> <li>74 -</li> <li>0.911 - 0.930 (0.0359 - 0.0366)</li> <li>74</li> </ul>   | 42         44           44         46           43         46           44         46           45         50           52         54           54         56           56         58           60         62           64         66           68         70           72         74           74         74           74         74                         | 46         48         50           52         52         54           56         58         60         52           60         52         64         66           62         64         66         66           68         70         72         74           74         74         74         74 | 3         50         52         54         54         55         54         54         56         52         54         54         56 </td <td>2 54 57<br/>4 55 55<br/>5 60 67<br/>6 60 67<br/>6 60 67<br/>6 60 67<br/>6 60 67<br/>7 77 77<br/>7 7<br/>7 77<br/>7 77<br/>7</td> <td>6 56<br/>8 58<br/>0 60<br/>2 62<br/>4 64<br/>4 64<br/>6 6 66<br/>8 68<br/>0 70<br/>2 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a</td><td>and</td><td>ł</td><td></td><td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20<br/>22<br/>24<br/>24</td><td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.2<br/>5.2<br/>5.2<br/>5.2<br/>5.2</td><td>Thick<br/>D60 ((<br/>D80 ((<br/>100 ((<br/>120 ((<br/>120 ((<br/>140 ((<br/>180 ((<br/>220 ((<br/>220 ((<br/>240 (()))))))))))))))))))))))))))))))))))</td><td>ness<br/>0.199<br/>0.200<br/>0.201<br/>0.203<br/>0.203<br/>0.203<br/>0.203<br/>0.204<br/>0.205<br/>0.205<br/>0.206</td><td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>(4)<br/>(4)<br/>(7)<br/>(5)<br/>(5)<br/>(3)<br/>(1)</td><td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44<br/>46<br/>48<br/>50</td><td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td><td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>440 (<br/>440 (<br/>440 (<br/>440 (<br/>480 (<br/>500 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<td>clea<br/>mm<br/>Clea<br/>clea<br/>clea<br/>clea<br/>clea<br/>clea</td> <td>ranco<br/>1 (0.1)<br/>5.250</td> <td>iii 66 68 870 072 74 74 474 474 474 474 474 474 474 60 <p6< td=""><td>66 68<br/>68 70<br/>70 72<br/>72 74<br/>74 74<br/>74 74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>7</td><td>688 70<br/>70 72 74<br/>72 74 72<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74 74<br/>74 74 74<br/>74 74 74<br/>74 74 74<br/>74 74 74 74<br/>74 74 74 74<br/>74 74 74 74 74 74 74 74 74 74 74 74 74 7</td><td>) 70<br/>2 72<br/>4 74<br/>4 74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>7</td><td>72 72<br/>74 74<br/>74 74<br/>74 74<br/>75<br/>76<br/>76<br/>76<br/>76<br/>76</td><td>14 74 74<br/>74 74<br/>74 74<br/>74 74</td><td>74<br/>74<br/>74</td><td>inst</td><td>alle</td><td>ed, a</td><td></td><td>ł</td><td></td><td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20<br/>22<br/>24<br/>26<br/>28</td><td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.2<br/>5.2<br/>5.2<br/>5.2<br/>5.2<br/>5.2</td><td>Thick<br/>p60 ((<br/>p80 ((<br/>100 ((<br/>120 ((<br/>140 ((<br/>180 ((<br/>220 ((<br/>220 ((<br/>220 ((<br/>240 ((<br/>240 ((<br/>280 ((<br/>180 ((<br/>180 ((<br/>190 (()))))))))))))))))))))))))))))))))))</td><td>ness<br/>).199<br/>).200<br/>).200<br/>).201<br/>).202<br/>).203<br/>).203<br/>).203<br/>).205<br/>).206<br/>).206</td><td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)<br/>7)<br/>5)<br/>3)<br/>1)<br/>9)</td><td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44<br/>46<br/>48<br/>50<br/>52</td><td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td><td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>420 (<br/>440 (<br/>440 (<br/>440 (<br/>480 (<br/>500 (<br/>520 (</td><td>New<br/>knes<br/>(0.20<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)<br/>(0.21)<br/>(0.21)<br/>(0.21)</td><td><ul> <li>/ lifte</li> <li>ss</li> <li>987)</li> <li>994)</li> <li>02)</li> <li>10)</li> <li>18)</li> <li>26)</li> <li>34)</li> <li>42)</li> <li>50)</li> <li>57)</li> <li>65)</li> <li>73)</li> </ul></td><td>r thickner<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68<br/>70<br/>72<br/>74</td><td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2226<br/>5.700 (0.2244<br/>5.720 (0.2252<br/>5.740 (0.2260</td></p6<></td>  | 2         54         57           4         56         54         57           5         58         60         62           2         24         64         66           2         24         66         64           4         56         57         77           2         74         77         77           3         70         72         74           4         74         74         74           3         70         72         74           4         744         74         74           4         74         74         74           4         74         74         74           4         74         74         74           4         74         74         74           4         74         74         74  | 6 56<br>8 58<br>0 60<br>4 64<br>6 66<br>8 68<br>0 70<br>2 72<br>4 74<br>4 74<br>4 74<br>4 74<br>5 6<br>6 70<br>2 72<br>4 74<br>4 74<br>5 72<br>4 74<br>7 74<br>4 74<br>7 | 58 58<br>60 60<br>62 62<br>64 64<br>68 68<br>70 70<br>72 72<br>74 74<br>74 74<br>74 74<br>74 74<br>74 74<br>74 74<br>74 74<br>74 74<br>74 74  | 60       6       6       6       6       6       6       6       6       6       6       6       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       4       7       7       7       4       7       7       4       7       7       4       7       7       4       7       2       3  | clea<br>mm<br>Clea<br>clea<br>clea<br>clea<br>clea<br>clea   | ranco<br>1 (0.1)<br>5.250  | iii 66 68 870 072 74 74 474 474 474 474 474 474 474 60 <p6< td=""><td>66 68<br/>68 70<br/>70 72<br/>72 74<br/>74 74<br/>74 74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>7</td><td>688 70<br/>70 72 74<br/>72 74 72<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74<br/>74 74 74<br/>74 74 74<br/>74 74 74<br/>74 74 74<br/>74 74 74 74<br/>74 74 74 74<br/>74 74 74 74 74 74 74 74 74 74 74 74 74 7</td><td>) 70<br/>2 72<br/>4 74<br/>4 74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>74<br/>7</td><td>72 72<br/>74 74<br/>74 74<br/>74 74<br/>75<br/>76<br/>76<br/>76<br/>76<br/>76</td><td>14 74 74<br/>74 74<br/>74 74<br/>74 74</td><td>74<br/>74<br/>74</td><td>inst</td><td>alle</td><td>ed, a</td><td></td><td>ł</td><td></td><td>Lifter<br/>No.<br/>06<br/>08<br/>10<br/>12<br/>14<br/>16<br/>18<br/>20<br/>22<br/>24<br/>26<br/>28</td><td>5.0<br/>5.0<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.1<br/>5.2<br/>5.2<br/>5.2<br/>5.2<br/>5.2<br/>5.2</td><td>Thick<br/>p60 ((<br/>p80 ((<br/>100 ((<br/>120 ((<br/>140 ((<br/>180 ((<br/>220 ((<br/>220 ((<br/>220 ((<br/>240 ((<br/>240 ((<br/>280 ((<br/>180 ((<br/>180 ((<br/>190 (()))))))))))))))))))))))))))))))))))</td><td>ness<br/>).199<br/>).200<br/>).200<br/>).201<br/>).202<br/>).203<br/>).203<br/>).203<br/>).205<br/>).206<br/>).206</td><td>2)<br/>0)<br/>8)<br/>6)<br/>4)<br/>1)<br/>9)<br/>7)<br/>5)<br/>3)<br/>1)<br/>9)</td><td>Lifter<br/>No.<br/>30<br/>32<br/>34<br/>36<br/>38<br/>40<br/>42<br/>44<br/>46<br/>48<br/>50<br/>52</td><td>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.<br/>5.</td><td>Thic<br/>300 (<br/>320 (<br/>340 (<br/>360 (<br/>380 (<br/>400 (<br/>420 (<br/>440 (<br/>440 (<br/>440 (<br/>480 (<br/>500 (<br/>520 (</td><td>New<br/>knes<br/>(0.20<br/>(0.20<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21<br/>(0.21)<br/>(0.21)<br/>(0.21)<br/>(0.21)</td><td><ul> <li>/ lifte</li> <li>ss</li> <li>987)</li> <li>994)</li> <li>02)</li> <li>10)</li> <li>18)</li> <li>26)</li> <li>34)</li> <li>42)</li> <li>50)</li> <li>57)</li> <li>65)</li> <li>73)</li> </ul></td><td>r thickner<br/>Lifter<br/>No.<br/>54<br/>56<br/>58<br/>60<br/>62<br/>64<br/>66<br/>68<br/>70<br/>72<br/>74</td><td>ess mm (in.)<br/>Thickness<br/>5.540 (0.2181<br/>5.560 (0.2189<br/>5.580 (0.2197<br/>5.600 (0.2205<br/>5.620 (0.2213<br/>5.640 (0.2220<br/>5.660 (0.2226<br/>5.680 (0.2226<br/>5.700 (0.2244<br/>5.720 (0.2252<br/>5.740 (0.2260</td></p6<>   | 66 68<br>68 70<br>70 72<br>72 74<br>74 74<br>74 74<br>74<br>74<br>74<br>74<br>74<br>74<br>74<br>74<br>74<br>74<br>74<br>74<br>7   | 688 70<br>70 72 74<br>72 74 72<br>74 74<br>74 74<br>74 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ness<br>).199<br>).200<br>).200<br>).201<br>).202<br>).203<br>).203<br>).203<br>).205<br>).206<br>).206 | 2)<br>0)<br>8)<br>6)<br>4)<br>1)<br>9)<br>7)<br>5)<br>3)<br>1)<br>9)        | Lifter<br>No.<br>30<br>32<br>34<br>36<br>38<br>40<br>42<br>44<br>46<br>48<br>50<br>52 | 5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5. | Thic<br>300 (<br>320 (<br>340 (<br>360 (<br>380 (<br>400 (<br>420 (<br>440 (<br>440 (<br>440 (<br>480 (<br>500 (<br>520 (  | New<br>knes<br>(0.20<br>(0.20<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21<br>(0.21)<br>(0.21)<br>(0.21)<br>(0.21) | <ul> <li>/ lifte</li> <li>ss</li> <li>987)</li> <li>994)</li> <li>02)</li> <li>10)</li> <li>18)</li> <li>26)</li> <li>34)</li> <li>42)</li> <li>50)</li> <li>57)</li> <li>65)</li> <li>73)</li> </ul>   | r thickner<br>Lifter<br>No.<br>54<br>56<br>58<br>60<br>62<br>64<br>66<br>68<br>70<br>72<br>74 | ess mm (in.)<br>Thickness<br>5.540 (0.2181<br>5.560 (0.2189<br>5.580 (0.2197<br>5.600 (0.2205<br>5.620 (0.2213<br>5.640 (0.2220<br>5.660 (0.2226<br>5.680 (0.2226<br>5.700 (0.2244<br>5.720 (0.2252<br>5.740 (0.2260 |

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Author :

| 2002           |  |          |              |  |                    |         |                |              |                |          |              |                    | V        | alv          | e L     | .ifte        | er S         | Sele          | ect         | ion     |                | har           | t (E    | Exh              | nau        | ıst)    | )       |          |          |  |                               |   |           |                |
|----------------|--|----------|--------------|--|--------------------|---------|----------------|--------------|----------------|----------|--------------|--------------------|----------|--------------|---------|--------------|--------------|---------------|-------------|---------|----------------|---------------|---------|------------------|------------|---------|---------|----------|----------|--|-------------------------------|---|-----------|----------------|
| 2 ECHO         | Installed lifter thickness mm (in.)                                | 0.1992)  | (0.2000)     | 0.2008)                                  | 0.2024)            | 0.2039) | 0.2047)        | 0.2055)      | 0.2059)        | 0.2067)  | 0.2075)      | 0.2079)            | 0.2087)  | 0.2094)      | 0.2098) | 0.2102)      | 0.2110)      | 0.2114)       | 0.2122)     | 0.2126) | 0.2130)        | 0.2138)       | 0.2142) | 0.2150)          | 0.2154)    | 0.2157) | 0.2165) | 0.2169)  | 0.2177)  | 0.2181)<br>0.2185)<br>0.2189)<br>0.2193)<br>0.2197)            | 0.2205)<br>0.2213)<br>0.2220) | 0.2228)<br>0.2236)<br>0.2244)<br>0.2252)<br>0.2260) |           |                |
| ( <sub>Ŗ</sub> | Measured clearance<br>mm (in.)                                     | 5.060 (  | 5.080 (      | 5.120 (                                  | 5.140 (<br>5.160 ( | 5.180 ( | 5.200 (        | 5.220 (      | 5.230 (        | 5.250 (  | 5.270 (      | 5.280 (<br>5.290 ( | 5.300 (  | 5.320 (      | 5.330 ( | 5.340 (      | 5.360 (      | 5.370 (       | 5.390 (     | 5.400 ( | 5.410 (        | 5.430 (       | 5.440 ( | 5.460 (          | 5.470 (    | 5.480 ( | 5.500 ( | 5.520 (  | 5.530 (  | 5.540 (<br>5.550 (<br>5.560 (<br>5.580 (<br>5.580 (<br>5.590 ( | 5.620 (<br>5.620 (<br>5.640 ( | 5.660 (<br>5.680 (<br>5.700 (<br>5.720 (<br>5.740 ( |           |                |
|                | 0.000 - 0.030 (0.0000 - 0.0012)                                    |          |              |  | -                  |         |                |              |                |          |              |                    | 0        | 6 06         | 06 (    | 06 08        | 3 08         | 10 1          | 0 12        | 12 .    | 14 14          | 4 16          | 16 1    | 8 18             | 20         | 20 22   | 2 22    | 24 24    | 4 26     | 26 28 28 30 30 32  | 32 34 36                      | 38 40 42 44 46                                      |           |                |
| 4              | 0.031 - 0.050 (0.0012 - 0.0020)                                    |          |              |  |                    |         |                |              |                |          |              | 06 06              | 06 0     | 6 06         | 08      | 08 10        | 0 10         | 12 1          | 2 14        | 14      | 16 16          | 5 18          | 18 2    | 0 20             | 22         | 22 24   | 4 24    | 26 26    | 5 28     | 28 30 30 32 32 34  | 34 36 38                      | 40 42 44 46 48                                      |           |                |
| S              | 0.051 - 0.070 (0.0020 - 0.0028)                                    |          |              |  |                    |         |                |              |                | 0        | 6 06         | 06 06              | 06 0     | 8 08         | 10      | 10 12        | 2 12         | 14 1          | 4 16        | 16      | 18 18          | 3 20          | 20 2    | 2 22             | 24         | 24 26   | 5 26    | 28 28    | 3 30     | 30 32 32 34 34 36  | 36 38 40                      | 42 44 46 48 50                                      |           |                |
| ľ              | 0.071 - 0.090 (0.0028 - 0.0035)                                    |          |              |  |                    |         |                |              | 06             | 06 0     | 6 06         | 06 08              | 08 1     | 0 10         | 12      | 12 14        | 4 14         | 16 1          | 6 18        | 18 2    | 20 20          | ) 22          | 22 2    | 4 24             | 26         | 26 28   | 3 28    | 30 30    | 32       | 32 34 34 36 36 38  | 38 40 42                      | 44 46 48 50 52                                      |           |                |
| [              | 0.091 - 0.110 (0.0036 - 0.0043)                                    |          |              |  |                    |         |                |              | 06 06          | 06 0     | 6 08         | 08 10              | 10 1     | 2 12         | 14      | 14 16        | 5 16         | 18 1          | 8 20        | 20 2    | 22 22          | 2 24          | 24 2    | 6 26             | 28         | 28 30   | 30      | 32 32    | 2 34     | 34 36 36 38 38 40  | 40 42 44                      | 46 48 50 52 54                                      |           |                |
|                | 0.111 - 0.130 (0.0044 - 0.0051)                                    |          |              |  |                    |         | 06             | 6 06         | 06 06          | 08 0     | 3 10         | 10 12              | 12 1     | 4 14         | 16      | 16 18        | 3 18         | 20 2          | 0 22        | 22 3    | 24 24          | 4 26          | 26 2    | 8 28             | 30         | 30 32   | 2 32    | 34 34    | 4 36     | 36 38 38 40 40 42  | 42 44 46                      | 48 50 52 54 56                                      |           |                |
|                | 0.131 - 0.150 (0.0052 - 0.0059)                                    |          |              |  | _                  |         | 06 06          | 6 06         | 08 08          | 10 1     | 0 12         | 12 14              | 14 1     | 5 16         | 18      | 18 20        | 20           | 22 2          | 2 24        | 24 2    | 26 26          | 5 28          | 28 3    | 0 30             | 32 :       | 32 34   | 4 34    | 36 36    | 38       | 38 40 40 42 42 44  | 44 46 48                      | 50 52 54 56 58                                      |           |                |
| -              | 0.151 - 0.170 (0.0059 - 0.0067)                                    |          |              |  | 06                 | 06 (    | 06 08          | 8 08         | 10 10          | 12 1     | 2 14         | 14 16              | 16 1     | 8 18         | 20 2    | 20 22        | 2 22         | 24 2          | 4 26        | 26 2    | 28 28          | 8 30          | 30 3    | 2 32             | 34         | 34 36   | 5 36    | 38 38    | 3 40     | 40 42 42 44 44 46  | 46 48 50                      | 52 54 56 58 60                                      |           |                |
| ŀ              | 0.171 - 0.190 (0.0067 - 0.0075)                                    |          |              | -  | 06 06              | 06 0    | 08 10          | 0 10         | 12 12          | 14 1     | 4 16         | 16 18              | 18 2     | 20           | 22 2    | 22 24        | 4 24         | 26 2          | 6 28        | 28 3    | 30 30          | 32            | 32 3    | 4 34             | 36         | 36 38   | 3 38    | 40 40    | ) 42     | 42 44 44 46 46 48  | 48 50 52                      | 54 56 58 60 62                                      |           |                |
| ŀ              | 0.191 - 0.210 (0.0075 - 0.0083)                                    |          |              | 06                                       | 06 06              | 10      | 10 12          | 2 12         | 14 14          | 16 1     | 5 18         | 18 20              | 20 2     | 2 22         | 24      | 24 26        | 5 26         | 28 2          | 8 30        | 30 0    | 32 32          | 2 34          | 34 3    | 6 36             | 38         | 38 40   | 40      | 42 42    | 2 44     | 44 46 46 48 48 50  | 50 52 54                      | 56 58 60 62 64                                      |           |                |
| ŀ              | 0.231 - 0.249 (0.0083 - 0.0091)                                    |          | 06 1         |  | 08 10              | 12      | 14 16          | 6 16         | 18 18          | 20 2     | 1 22         | 20 22              | 24 2     | 6 26         | 28      | 28 30        | 3 20         | 32 3          | 2 34        | 34 3    | 36 36          | + 30<br>S 38  | 38 4    | 0 40             | 40         | 40 42   | 1 44    | 44 44    | 140      | 48 50 50 52 52 54  | 54 56 58                      | 60 62 64 66 68                                      |           |                |
| ŀ              | 0.250 - 0.350 (0.0098 - 0.0138)                                    |          |              |  |                    | 12      | 14 16          | 0 10         |                | 20 2     |              |                    |          | 0 20         | 20      |              | 00           | 02 0          | 2 04        |         |                |               |         | 0 40             | -16        |         |         |          |          | 40 00 00 02 02 04  | 04 00 00                      | 00 02 04 00 00                                      |           |                |
| ŀ              | 0.351 - 0.370 (0.0138 - 0.0146)                                    | 12       | 14           | 16 18 2                                  | 20 22              | 24 2    | 26 28          | 8 28         | 30 30          | 32 3     | 2 34         | 34 36              | 36 3     | 8 38         | 40 4    | 40 42        | 2 42         | 44 4          | 4 46        | 46 4    | 48 48          | 3 50          | 50 5    | 2 52             | 54         | 54 56   | 5 56    | 58 58    | 3 60     | 60 62 62 64 64 66  | 66 68 70                      | 72 74 74 74   |           |                |
| ŀ              | 0.371 - 0.390 (0.0146 - 0.0154)                                    | 14       | 16           | 18 20 2                                  | 22 24              | 26 2    | 28 30          | 0 30         | 32 32          | 34 3     | 4 36         | 36 38              | 38 4     | 0 40         | 42      | 42 4         | 4 44         | 46 4          | 6 48        | 48 (    | 50 50          | 0 52          | 52 5    | 4 54             | 56         | 56 58   | 3 58    | 60 60    | 62       | 62 64 64 66 66 68  | 68 70 72                      | 74 74 74  |           |                |
| Ī              | 0.391 - 0.410 (0.0154 - 0.0161)                                    | 16       | 18 2         | 20 22                                    | 24 26              | 28 ;    | 30 32          | 2 32         | 34 34          | 36 3     | 6 38         | 38 40              | 40 4     | 2 42         | 44      | 44 4         | 6 46         | 48 4          | 8 50        | 50      | 52 52          | 2 54          | 54 5    | 6 56             | 58         | 58 60   | 60      | 62 62    | 2 64     | 64 66 66 68 68 70  | 70 72 74                      | 74 74   |           |                |
|                | 0.411 - 0.430 (0.0162 - 0.0169)                                    | 18       | 20 2         | 22 24                                    | 26 28              | 30 :    | 32 34          | 4 34         | 36 36          | 38 3     | 8 40         | 40 42              | 42 4     | 4 44         | 46      | 46 4         | 8 48         | 50 5          | 50 52       | 52      | 54 54          | 4 56          | 56 5    | 8 58             | 60         | 60 62   | 2 62    | 64 64    | 1 66     | 66 68 68 70 70 72  | 72 74 74                      | 74  |           |                |
|                | 0.431 - 0.450 (0.0170 - 0.0177)                                    | 20       | 22           | 24 26 :                                  | 28 30              | 32 :    | 34 36          | 6 36         | 38 38          | 40 4     | 9 42         | 42 44              | 44 4     | 6 46         | 48      | 48 50        | 0 50         | 52 5          | 2 54        | 54 5    | 56 56          | 5 58          | 58 6    | 0 60             | 62         | 62 64   | 4 64    | 66 68    | 8 68     | 70 70 72 72 74 74  | 74 74 74                      |   |           |                |
|                | 0.451 - 0.470 (0.0178 - 0.0185)                                    | 22       | 24 :         | 26 28                                    | 30 32              | 34      | 36 38          | 8 38         | 40 40          | 42 4     | 2 44         | 44 46              | 46 4     | 8 48         | 50      | 50 52        | 2 52         | 54 5          | 4 56        | 56 5    | 58 58          | 3 60          | 60 63   | 2 62             | 64         | 64 66   | 66      | 68 68    | 3 70     | 70 72 72 74 74 74  | 74 74                         |   |           |                |
| -              | 0.471 - 0.490 (0.0185 - 0.0193)                                    | 24       | 26 2         | 28 30 :                                  | 32 34              | 36 3    | 38 40          | 0 40         | 42 42          | 44 4     | 4 46         | 46 48              | 48 5     | 50           | 52 5    | 52 54        | 4 54         | 56 5          | 6 58        | 58 6    | 60 60          | 0 62          | 62 6    | 4 64             | 66         | 66 68   | 3 68    | 70 70    | 72       | 72 74 74 74 74 74  | 74                            |   |           |                |
| ŀ              | 0.491 - 0.510 (0.0193 - 0.0201)                                    | 26       | 28 3         | 30 32 :                                  | 34 36              | 38 4    | 40 42          | 2 42         | 44 44          | 46 4     | 5 48         | 48 50              | 50 5     | 2 52         | 54 :    | 54 56        | 5 56         | 58 5          | 8 60        | 60 6    | 62 62          | 2 64          | 64 6    | 6 66             | 68         | 68 70   | 0 70    | 72 72    | 2 74     | 74 74 74 74 74   |                               |   |           |                |
| ł              | 0.511 - 0.530 (0.0201 - 0.0209)                                    | 28       | 30 3         | 32 34                                    | 36 38              | 40 .    | 42 44          | 4 44<br>6 46 | 46 46          | 48 4     | 3 50         | 50 52              | 52 5     | 4 54         | 56      | 56 56        | 8 58         | 60 6          | 0 62        | 62 0    | 64 64<br>66 64 | 4 66          | 66 6    | 8 68             | 70         | 70 72   | 2 72    | 74 74    | 4 74     | 74 74 74   |                               |   |           |                |
| ŀ              | 0.551 - 0.570 (0.0209 - 0.0217)                                    | 32       | 34           | 36 38                                    | 40 42              | 44      | 46 48          | 8 48         | 50 50          | 52 5     | 2 54         | 54 56              | 56 5     | 8 58         | 60      | 60 6'        | 2 62         | 64 6          | 4 66        | 66      | 68 68          | 8 70          | 70 7    | 2 72             | 74         | 74 74   | 4 74    | 74 74    | 4        | 74   |                               | New lift  | er thickn | ess mm (in )   |
| ŀ              | 0.571 - 0.590 (0.0225 - 0.0232)                                    | 34       | 36           | 38 40                                    | 42 44              | 46      | 48 50          | 0 50         | 52 52          | 54 5     | 4 56         | 56 58              | 58 6     | 0 60         | 62      | 52 64        | 4 64         | 66 6          | 6 68        | 68      | 70 70          | 0 72          | 72 7    | 4 74             | 74         | 74 74   | 4 74    |          | <u> </u> | 1  | 1                             |   |           |                |
| ŀ              | 0.591 - 0.610 (0.0233 - 0.0240)                                    | 36       | 38           | 40 42                                    | 44 46              | 48      | 50 52          | 2 52         | 54 54          | 56 5     | 6 58         | 58 60              | 60 6     | 2 62         | 64      | 54 66        | 6 66         | 68 6          | 8 70        | 70      | 72 72          | 2 74          | 74 7    | 4 74             | 74         | 74      |         | Lift     | er       | Thickness  | Lifter                        | Thickness   | Lifter    | Thicknoss      |
| ľ              | 0.611 - 0.630 (0.0241 - 0.0248)                                    | 38       | 40 ·         | 42 44                                    | 46 48              | 50      | 52 54          | 4 54         | 56 56          | 58 5     | 8 60         | 60 62              | 62 6     | 4 64         | 66      | 56 68        | 8 68         | 70 7          | 0 72        | 72      | 74 74          | 4 74          | 74 7    | 4 74             |            |         |         | No       |          | Thickness  | No.                           | Thickness   | No.       | THICKIESS      |
|                | 0.631 - 0.650 (0.0248 - 0.0256)                                    | 40       | 42 -         | 44 46                                    | 48 50              | 52      | 54 56          | 6 56         | 58 58          | 60 6     | 0 62         | 62 64              | 64 6     | 6 66         | 68      | 58 7         | 0 70         | 72 7          | 2 74        | 74      | 74 74          | 4 74          | 74 7    | 4                |            |         |         |          |          |  | -                             |   |           |                |
| -              | 0.651 - 0.670 (0.0256 - 0.0264)                                    | 42       | 44           | 46 48                                    | 50 52              | 54      | 56 58          | 8 58         | 60 60          | 62 6     | 2 64         | 64 66              | 66 6     | 8 68         | 70      | 70 72        | 2 72         | 74 7          | 4 74        | 74      | 74 74          | 4             |         |                  |            |         |         | 06       | 6        | 5.060 (0.1992)   | 30                            | 5.300 (0.2087)                                      | 54        | 5.540 (0.2181) |
| ŀ              | 0.691 - 0.710 (0.0272 - 0.0280)                                    | 44       | 48 4         | 48 50 s<br>50 52                         | 52 54<br>54 56     | 58      | 60 62          | 2 62         | 64 64          | 66 6     | 4 66<br>5 68 | 68 70              | 70 7     | 2 72         | 72      | 74 74        | 4 74         | 74 7          | 4 74        | 74      |                |               |         |                  |            |         |         | 08       | 8        | 5.080 (0.2000)   | 32                            | 5.320 (0.2094)                                      | 56        | 5.560 (0.2189) |
| -              | 0.711 - 0.730 (0.0280 - 0.0287)                                    | 48       | 50 5         | 52 54                                    | 56 58              | 60      | 62 64          | 4 64         | 66 66          | 68 6     | 3 70         | 70 72              | 72 7     | 4 74         | 74      | 74 74        | 4 74         |               |             |         |                |               |         |                  |            |         |         | 1(       | 0        | 5,100 (0,2008)   | 34                            | 5 340 (0 2102)                                      | 58        | 5.580 (0.2197) |
| ł              | 0.731 - 0.750 (0.0288 - 0.0295)<br>0.751 - 0.770 (0.0296 - 0.0303) | 50       | 52           | 56 58                                    | 58 60<br>60 62     | 62 64   | 64 68<br>66 68 | 6 66<br>8 68 | 68 68<br>70 70 | 70 7     | 2 74         | 72 74              | 74 7     | 4 74<br>4 74 | 74      | /4           |              |               |             |         |                |               |         |                  |            |         |         |          | 0        |  |                               | 0.010 (0.2102)                                      | - 50      |                |
| t              | 0.771 - 0.790 (0.0304 - 0.0311)                                    | 54       | 56           | 58 60                                    | 62 64              | 66 (    | 68 70          | 0 70         | 72 72          | 74 7     | 4 74         | 74 74              | 74       |              |         |              |              |               |             |         |                |               |         |                  |            |         |         | 12       | 2        | 5.120 (0.2016)   | 36                            | 5.360 (0.2110)                                      | 60        | 5.600 (0.2205) |
|                | 0.791 - 0.810 (0.0311 - 0.0319)                                    | 56       | 58           | 60 62                                    | 64 66              | 68      | 70 72          | 2 72         | 74 74          | 74 7     | 4 74         | 74                 |          |              |         |              |              |               |             |         |                |               |         |                  |            |         | i       |          | 4        | 5 140 (0 2024)   | 20                            | E 200 (0 2110)                                      |           | 5 620 (0 2212) |
|                | 0.811 - 0.830 (0.0319 - 0.0327)                                    | 58       | 60           | 62 64                                    | 66 68              | 70      | 72 74          | 4 74         | 74 74          | 74 7     | 4            |                    |          |              |         |              |              |               |             |         |                |               |         |                  |            |         |         | 14       | 4        | 5.140 (0.2024)   | 30                            | 5.360 (0.2116)                                      | 62        | 5.020 (0.2213) |
|                | 0.831 - 0.850 (0.0327 - 0.0335)                                    | 60       | 62           | 64 66                                    | 68 70              | 72      | 74 74          | 4 74         | 74 74          |          |              |                    |          |              |         |              |              |               |             |         |                |               |         |                  |            |         |         | 10       | 6        | 5.160 (0.2031)   | 40                            | 5,400 (0,2126)                                      | 64        | 5.640 (0.2220) |
| ŀ              | 0.851 - 0.870 (0.0335 - 0.0343)                                    | 62       | 64 (         | 66 68                                    | 70 72              | 74      | 74 74          | 4 74         |                |          |              |                    |          |              |         |              |              |               |             |         |                |               |         |                  |            |         |         |          |          | ( ,  | -                             | 000 (0.2.120)                                       |           |                |
| ł              | 0.871 - 0.890 (0.0343 - 0.0350)<br>0.891 - 0.910 (0.0351 - 0.0358) | 64<br>66 | 66 (<br>68 ) | 68 70 <sup>-</sup><br>70 72 <sup>-</sup> | 72 74<br>74 74     | 74      | 74             |              |                |          |              |                    |          |              |         |              |              |               |             |         |                |               |         |                  |            |         |         | 18       | 8        | 5.180 (0.2039)   | 42                            | 5.420 (0.2134)                                      | 66        | 5.660 (0.2228) |
| ļ              | 0.911 - 0.930 (0.0359 - 0.0366)                                    | 68       | 70           | 72 74                                    | 74 74              |         |                |              |                |          |              |                    |          |              |         |              |              |               |             |         |                |               |         |                  |            |         |         | 20       | 0        | 5,200 (0,2047)   | 44                            | 5 440 (0 2142)                                      | 68        | 5 680 (0 2236) |
|                | 0.931 - 0.950 (0.0367 - 0.0374)                                    | 70       | 72           | 74 74                                    | 74                 |         |                |              |                |          |              |                    |          |              |         |              |              |               |             |         |                |               |         |                  |            |         |         |          | 0        |  |                               | 0.440 (0.2142)                                      |           | 0.000 (0.2200) |
| ŀ              | 0.951 - 0.970 (0.0374 - 0.0382)<br>0.971 - 0.990 (0.0382 - 0.0390) | 72       | 74<br>74     | 74 74                                    |                    |         | Fy             | hai          | iet v          | ah       |              | دما                | ran      | -01          | Co      | JA           | ۱.           |               |             |         |                |               |         |                  |            |         |         | 22       | 2        | 5.220 (0.2055)   | 46                            | 5.460 (0.2150)                                      | 70        | 5.700 (0.2244) |
| t              | 0.991 - 1.010 (0.0390 - 0.0398)                                    | 74       | 74           |  |                    |         | -^             | 0.24         | 5 - 0          | 35       | im           | m l                | 0.01     | 10.          | . 0     | .01          | /∙<br>4.ir   | ۱.)           |             |         |                |               |         |                  |            |         |         | 24       | 4        | 5.240 (0.2063)   | 48                            | 5 480 (0 2157)                                      | 72        | 5,720 (0,2252) |
|                | 1.011 - 1.030 (0.0398 - 0.0406)                                    | 74       |              |  |                    |         | FX             | (AM          |                |          | The          | - 5                | 340      | mn           | n ((    | 12           | 102          | <b>,</b>      | ) li        | fter    | · is           | inst          | tall    | ed               | an         | nd      |         | <u> </u> | -        |  |                               | 0.400 (0.2107)                                      | +         | 0.120 (0.2202) |
| 1              | >  |          |              |  |                    |         | the            | 2 m          |                | <br>Irec |              | ars                | ince     | ie           | 0 /     | . <u>~</u>   | m            | n (i          | ., "<br>n n | 179     | , in           |               | an      | <b>Ju</b> ,      |            |         |         | 20       | 6        | 5.260 (0.2071)   | 50                            | 5.500 (0.2165)                                      | 74        | 5.740 (0.2260) |
|                |  |          |              |  |                    |         | Re             | nla          | ra th          |          | 5 2/         | 10 m               | $m \ell$ | 0 2          | 10      | 7 ir         | יייי<br>אווי | יו (י<br>ift≏ | 0.0<br>r w  | ith     | ווו כ<br>ח ב   | 1.).<br>1014/ | Nc      | <u>م</u>         | <u>р</u> і | ftor    | -       | 28       | 8        | 5.280 (0.2079)   | 52                            | 5.520 (0.2173)                                      |           |                |
| 2              | ň  |          |              |  |                    |         | 110            | pia          | 00 11          |          |              |                    | (        | 0.2          | 10      | <u>۱</u> ۱ ک | ,            | inte          | 1 11        | iu i    | an             | 10.00         | INC     | , <del>,</del> , | U II       | iter    | •       | 1        | -        | · · · · · ·  |                               |   |           |                |

ENGINE MECHANICAL -

VALVE CLEARANCE

EM-9

623

Matchmarks

Ν

- (p) Reinstall the valve lifters (See page EM-42).
- (q) Align the crankshaft pulley groove with the timing mark "0" of the timing chain cover.
- (r) Hold the timing chain, and place the exhaust camshaft and timing sprocket assembly.
- (s) Align the matchmarks on the timing chain and camshaft timing sprocket.
- (t) Reinstall the intake camshaft, valve timing controller assembly and camshaft bearing caps (See page EM-44).
- (u) Remove the bar from the timing chain tensioner.

(v) Check that both timing marks on the camshaft timing sprocket and valve timing controller assembly are facing right upas shown in the illustration.

- (w) Check that the matchmarks on the timing chain and camshaft timing sprockets.
- (x) Install a new plug to the timing chain cover.Torque: 15 N-m (150 kgf-cm, 11 ft-lbf)
- (y) Recheck the valve clearance (See procedure in step 3).
- (z) Check the valve timing (See page EM-18).
- 5. REINSTALL CYLINDER HEAD COVER (See page EM-20)



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A11252