

## Price Variation Formula for S.S. Fastener

$$P = P_0 * \left\{ 0.10 + 0.70 * \left( \frac{SS_1}{SS_0} \right) + 0.20 * \left( \frac{W_1}{W_0} \right) \right\}$$

|                       |                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>P</b>              | Revised (Billing) Rate                                                                                                                                                                                                                                  |
| <b>P<sub>0</sub></b>  | Original rate as per Purchase Order                                                                                                                                                                                                                     |
| <b>SS<sub>1</sub></b> | The wholesale price Index (WPI) for " <b>Stainless Steel bars &amp; rods, including flats</b> " two months prior to date of dispatch.<br>Source: Office of the Economic Advisor ( <a href="https://eaindustry.nic.in/">https://eaindustry.nic.in/</a> ) |
| <b>SS<sub>0</sub></b> | The wholesale price Index (WPI) for " <b>Stainless Steel bars &amp; rods, including flats</b> " as on Sep'2019 i.e., 93.2<br>Source: Office of the Economic Advisor ( <a href="https://eaindustry.nic.in/">https://eaindustry.nic.in/</a> )             |
| <b>W<sub>1</sub></b>  | All India Average <b>Consumer Price Index Number for Industrial workers</b> published by Labour Bureau, Shimla two months prior to date of dispatch.<br>Source: <a href="http://labourbureau.gov.in/">http://labourbureau.gov.in/</a>                   |
| <b>W<sub>0</sub></b>  | All India Average <b>Consumer Price Index Number for Industrial workers</b> published by Labour Bureau, Shimla as on Sep'2019 i.e., 322<br>Source: <a href="http://labourbureau.gov.in/">http://labourbureau.gov.in/</a>                                |



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**OFFICE OF THE ECONOMIC ADVISER**  
DEPARTMENT FOR PROMOTION OF INDUSTRY AND  
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## Wholesale Price Index (WPI)

### Monthly Wholesale Price Index

**Name of Commodity :** Stainless Steel bars & rods, including flats

**Type :** Individual Commodity

**Weight :** 0.48307

**Base Year :** 2011-12 = 100

| Month/Year | Jan  | Feb | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct | Nov | Dec |
|------------|------|-----|------|------|------|------|------|------|------|-----|-----|-----|
| 2019       | 95.8 | 96  | 95.5 | 96.1 | 95.7 | 94.7 | 94.1 | 92.7 | 93.2 |     |     |     |

1. Figure 0 may be treated as index for particular item not-available.
2. Figures for the latest two months are provisional. Latest two months are to be reckoned with reference to the latest monthly press release issued.



## INDEX Numbers

### I. All-India Average Consumer Price Index Numbers for Industrial Workers (Base 2001=100)

| Item          | Jan 2019 | Feb 2019 | Mar 2019 | Apr 2019 | May 2019 | June 2019 | Jul 2019 | Aug 2019 | Sep 2019 | Oct 2019 | Nov 2019 | Dec 2019 | Average |
|---------------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|---------|
| General Index | 307      | 307      | 309      | 312      | 314      | 316       | 319      | 320      | 322      |          |          |          |         |

( Linking Factor between 1982 and 2001 Series for the All-India is 4.63 )

### II. Monthly All India Consumer Price Index (General) for Industrial Workers

| ALL INDIA CONSUMER PRICE INDEX FOR INDUSTRIAL WORKERS (BASE:1960=100) |     |     |     |     |     |     |     |     |      |     |     |     |
|-----------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| <-----MONTH----->                                                     |     |     |     |     |     |     |     |     |      |     |     |     |
| YEAR                                                                  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec |
| 1968                                                                  | -   | -   | -   | -   | -   | -   | -   | 178 | 179  | 180 | 176 | 171 |
| 1969                                                                  | 170 | 169 | 170 | 171 | 173 | 178 | 179 | 179 | 179  | 178 | 177 | 177 |
| 1970                                                                  | 177 | 177 | 179 | 181 | 183 | 185 | 186 | 187 | 188  | 189 | 189 | 186 |
| 1971                                                                  | 184 | 184 | 184 | 184 | 184 | 187 | 190 | 194 | 196  | 196 | 197 | 195 |
| 1972                                                                  | 194 | 193 | 194 | 195 | 196 | 201 | 205 | 207 | 208  | 209 | 210 | 210 |
| 1973                                                                  | 210 | 213 | 216 | 221 | 228 | 233 | 243 | 247 | 248  | 254 | 259 | 260 |
| 1974                                                                  | 264 | 267 | 275 | 283 | 294 | 301 | 311 | 321 | 334  | 335 | 331 | 326 |
| 1975                                                                  | 326 | 325 | 321 | 323 | 327 | 328 | 324 | 321 | 319  | 316 | 315 | 306 |
| 1976                                                                  | 298 | 290 | 286 | 289 | 290 | 291 | 297 | 298 | 302  | 304 | 306 | 306 |
| 1977                                                                  | 307 | 310 | 312 | 313 | 318 | 320 | 325 | 327 | 331  | 330 | 330 | 330 |
| 1978                                                                  | 325 | 320 | 321 | 322 | 323 | 327 | 330 | 331 | 336  | 340 | 340 | 335 |
| 1979                                                                  | 332 | 329 | 332 | 337 | 339 | 345 | 353 | 360 | 363  | 365 | 368 | 374 |
| 1980                                                                  | 371 | 369 | 373 | 375 | 382 | 386 | 394 | 397 | 402  | 406 | 411 | 408 |
| 1981                                                                  | 411 | 418 | 420 | 427 | 433 | 439 | 447 | 454 | 456  | 460 | 462 | 460 |
| 1982                                                                  | 459 | 458 | 457 | 459 | 462 | 470 | 478 | 488 | 489  | 491 | 496 | 497 |
| 1983                                                                  | 495 | 500 | 502 | 508 | 521 | 533 | 541 | 549 | 554  | 558 | 561 | 559 |
| 1984                                                                  | 563 | 561 | 558 | 559 | 562 | 574 | 585 | 586 | 589  | 592 | 595 | 588 |
| 1985                                                                  | 588 | 585 | 586 | 594 | 600 | 606 | 615 | 618 | 619  | 625 | 630 | 630 |
| 1986                                                                  | 629 | 633 | 638 | 643 | 651 | 658 | 668 | 672 | 676  | 685 | 692 | 688 |
| 1987                                                                  | 688 | 686 | 686 | 691 | 703 | 715 | 724 | 736 | 745  | 750 | 755 | 752 |
| 1988                                                                  | 753 | 749 | 753 | 763 | 771 | 782 | 795 | 800 | 806  |     |     |     |



BASE 1982=100

| Year | Jan | Feb | March | April | May | June | July | August | Sept | Oct | Nov | Dec | Average |
|------|-----|-----|-------|-------|-----|------|------|--------|------|-----|-----|-----|---------|
| 1988 |     |     |       |       |     |      |      |        |      | 167 | 168 | 166 |         |
| 1989 | 165 | 165 | 166   | 167   | 169 | 170  | 172  | 174    | 176  | 176 | 176 | 175 | 171     |
| 1990 | 174 | 175 | 177   | 180   | 182 | 185  | 189  | 190    | 191  | 195 | 198 | 199 | 186     |
| 1991 | 202 | 202 | 201   | 202   | 204 | 209  | 214  | 217    | 221  | 223 | 225 | 225 | 212     |
| 1992 | 228 | 229 | 229   | 231   | 234 | 236  | 242  | 242    | 243  | 244 | 244 | 243 | 237     |
| 1993 | 241 | 241 | 243   | 245   | 246 | 250  | 253  | 256    | 259  | 262 | 265 | 264 | 252     |
| 1994 | 263 | 265 | 267   | 269   | 272 | 277  | 281  | 284    | 288  | 289 | 291 | 289 | 278     |
| 1995 | 289 | 291 | 293   | 295   | 300 | 306  | 313  | 315    | 317  | 319 | 321 | 317 | 306     |
| 1996 | 315 | 316 | 319   | 324   | 328 | 333  | 339  | 343    | 344  | 346 | 349 | 350 | 334     |
| 1997 | 350 | 350 | 351   | 354   | 352 | 355  | 358  | 359    | 361  | 365 | 366 | 372 | 358     |
| 1998 | 384 | 382 | 380   | 383   | 389 | 399  | 411  | 413    | 420  | 433 | 438 | 429 | 405     |

*dm*

|      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1999 | 420 | 415 | 414 | 415 | 419 | 420 | 424 | 426 | 429 | 437 | 438 | 431 | 424 |
| 2000 | 431 | 430 | 434 | 438 | 440 | 442 | 445 | 443 | 444 | 449 | 450 | 446 | 441 |
| 2001 | 445 | 443 | 445 | 448 | 451 | 457 | 463 | 466 | 465 | 468 | 472 | 469 | 458 |
| 2002 | 467 | 466 | 468 | 469 | 472 | 476 | 481 | 484 | 485 | 487 | 489 | 484 | 477 |
| 2003 | 483 | 484 | 487 | 493 | 494 | 497 | 501 | 499 | 499 | 503 | 504 | 502 | 496 |
| 2004 | 504 | 504 | 504 | 504 | 508 | 512 | 517 | 522 | 523 | 526 | 525 | 521 | 514 |
| 2005 | 526 | 525 | 525 | 529 | 527 | 529 | 538 | 540 | 542 | 548 | 553 | 550 | 536 |

Base 2001=100

| Year | Jan | Feb | March | April | May | June | July | August | Sept | Oct | Nov | Dec | Average |
|------|-----|-----|-------|-------|-----|------|------|--------|------|-----|-----|-----|---------|
| 2006 | 119 | 119 | 119   | 120   | 121 | 123  | 124  | 124    | 125  | 127 | 127 | 127 | 123     |
| 2007 | 127 | 128 | 127   | 128   | 129 | 130  | 132  | 133    | 133  | 134 | 134 | 134 | 131     |
| 2008 | 134 | 135 | 137   | 138   | 139 | 140  | 143  | 145    | 146  | 148 | 148 | 147 | 141.66  |
| 2009 | 148 | 148 | 148   | 150   | 151 | 153  | 160  | 162    | 163  | 165 | 168 | 169 | 157     |
| 2010 | 172 | 170 | 170   | 170   | 172 | 174  | 178  | 178    | 179  | 181 | 182 | 185 | 175.9   |
| 2011 | 188 | 185 | 185   | 186   | 187 | 189  | 193  | 194    | 197  | 198 | 199 | 197 | 191.5   |
| 2012 | 198 | 199 | 201   | 205   | 206 | 208  | 212  | 214    | 215  | 217 | 218 | 219 | 209.33  |
| 2013 | 221 | 223 | 224   | 226   | 228 | 231  | 235  | 237    | 238  | 241 | 243 | 239 | 232.16  |
| 2014 | 237 | 238 | 239   | 242   | 244 | 246  | 252  | 253    | 253  | 253 | 253 | 253 | 246.9   |
| 2015 | 254 | 253 | 254   | 256   | 258 | 261  | 263  | 264    | 266  | 269 | 270 | 269 | 261.4   |
| 2016 | 269 | 267 | 268   | 271   | 275 | 277  | 280  | 278    | 277  | 278 | 277 | 275 |         |
| 2017 | 274 | 274 | 275   | 277   | 278 | 280  | 285  | 285    | 285  | 287 | 288 | 286 |         |
| 2018 | 288 | 287 | 287   | 288   | 289 | 291  | 301  | 301    | 301  | 302 | 302 | 301 |         |
| 2019 | 307 | 307 | 309   | 312   | 314 | 316  | 319  | 320    | 322  |     |     |     |         |

### III. POINT TO POINT RATE OF INFLATION IN CONSUMER PRICE

INDEX NUMBERS FOR INDUSTRIAL WORKERS (Base 1982=100)

| RATE OF INFLATION |             |              |       |       |      |      |      |            |               |             |              |              |
|-------------------|-------------|--------------|-------|-------|------|------|------|------------|---------------|-------------|--------------|--------------|
| Year              | Janu<br>ary | Febr<br>uary | March | April | May  | June | July | Aug<br>ust | Sept<br>ember | Octo<br>ber | Nove<br>mber | Dece<br>mber |
| 1993              | 5.7         | 5.7          | 6.1   | 6.1   | 5.1  | 5.9  | 4.5  | 5.8        | 6.6           | 7.4         | 8.6          | 8.6          |
| 1994              | 9.1         | 9.5          | 9.9   | 9.8   | 10.6 | 10.8 | 11.1 | 10.9       | 11.2          | 10.3        | 9.8          | 9.5          |
| 1995              | 9.9         | 9.8          | 9.7   | 9.7   | 10.3 | 10.5 | 11.4 | 10.9       | 10.1          | 10.4        | 10.3         | 9.7          |
| 1996              | 9.0         | 8.6          | 8.9   | 9.8   | 9.3  | 8.8  | 8.3  | 8.9        | 8.5           | 8.5         | 8.7          | 10.4         |
| 1997              | 11.1        | 10.8         | 10.0  | 9.3   | 7.3  | 6.6  | 5.6  | 4.7        | 4.9           | 5.5         | 4.9          | 6.3          |
| 1998              | 9.7         | 9.1          | 8.3   | 8.2   | 10.5 | 12.4 | 14.8 | 15.0       | 16.3          | 18.6        | 19.7         | 15.3         |
| 1999              | 9.38        | 8.64         | 8.95  | 8.36  | 7.71 | 5.26 | 3.16 | 3.15       | 2.14          | 0.92        | 0.0          | 0.47         |
| 2000              | 2.62        | 3.61         | 4.83  | 5.54  | 5.01 | 5.24 | 4.95 | 3.99       | 3.50          | 2.75        | 2.74         | 3.48         |
| 2001              | 3.25        | 3.02         | 2.53  | 2.28  | 2.50 | 3.39 | 4.04 | 5.19       | 4.73          | 4.23        | 4.89         | 5.16         |