

Production and Sales of Machine tool Accessory on January - June,2019

(Value in Thousands of Yen)

| Items | | Production | | Comparison (%) to the year earlier | Sales | | Comparison (%) to the year earlier |
|-----------------------------|-------------------------------------|------------|-------------|------------------------------------|------------|-------------|------------------------------------|
| | | Quantity | Value | | Quantity | Value | |
| Elements | Clutches & Brakes | 19,915,767 | 10,063,941 | 82 | 19,987,401 | 10,504,672 | 86 |
| | Ball Screws | 628,456 | 17,830,744 | 90 | 645,583 | 19,110,346 | 89 |
| | Liner motion guides | 4,495,514 | 32,262,067 | 95 | 4,177,769 | 32,804,087 | 94 |
| | Spindles | 1,419 | 669,297 | 103 | 1,521 | 718,970 | 102 |
| | Coupling | 1,292,438 | 3,499,596 | 84 | 1,221,903 | 3,109,084 | 83 |
| | Other Elements | 8,759 | 71,154 | 137 | 8,791 | 71,411 | 136 |
| | Subtotal | 26,342,353 | 64,396,799 | 91 | 26,042,968 | 66,318,570 | 91 |
| Work Holding | Hand Operated Chucks | 6,249 | 756,564 | 102 | 6,816 | 784,817 | 100 |
| Devices | Power Operated Chucks | 60,379 | 7,133,093 | 147 | 59,962 | 4,981,050 | 106 |
| | Special Design Chucks | 926 | 241,638 | 99 | 948 | 463,967 | 100 |
| | Actuators for Power Operated Chucks | 15,850 | 1,917,220 | 97 | 14,627 | 1,576,734 | 103 |
| | Live Centers | 8,162 | 233,040 | 89 | 7,804 | 310,900 | 93 |
| | Other Work Holding Devices | 22,692 | 1,265,785 | 102 | 23,430 | 1,287,034 | 109 |
| | Subtotal | 114,258 | 11,547,340 | 124 | 113,587 | 9,404,502 | 104 |
| Tool Holders | General purpose Tool Holders | 113,348 | 657,499 | 94 | 126,414 | 664,359 | 95 |
| | Tool Holders for NC machine tools | 776,381 | 6,766,706 | 93 | 756,977 | 6,348,999 | 89 |
| | Tool Holders for lathers | 7,003 | 160,785 | 90 | 6,871 | 149,771 | 90 |
| | Tool Holders for special purpose | 8,403 | 93,635 | 91 | 10,305 | 106,941 | 88 |
| | Other Tool Holders | 51,194 | 744,710 | 94 | 53,603 | 757,988 | 99 |
| | Subtotal | 956,329 | 8,423,335 | 93 | 954,170 | 8,028,058 | 90 |
| Attachments and Accessories | Attachments for indexing | 8,987 | 10,114,087 | 92 | 8,861 | 9,525,299 | 93 |
| | Machine Vice | 7,502 | 956,596 | 106 | 5,523 | 916,655 | 89 |
| | Other Attached equipment | 183,189 | 1,661,224 | 95 | 183,673 | 1,709,833 | 95 |
| | Other Accessories | 365,178 | 6,103,807 | 87 | 310,185 | 7,196,978 | 90 |
| | Subtotal | 564,856 | 18,835,714 | 91 | 508,242 | 19,348,765 | 92 |
| T o t a l | | 27,977,796 | 103,203,188 | 94 | 27,618,967 | 103,099,895 | 92 |

Although considered as the factory-shipments price about the amount of production, and the amount of shipment, it will change into the amount of production, and the amount of sales from January, 2004, and both producer-selling prices or contract prices will estimate, and it will enter.