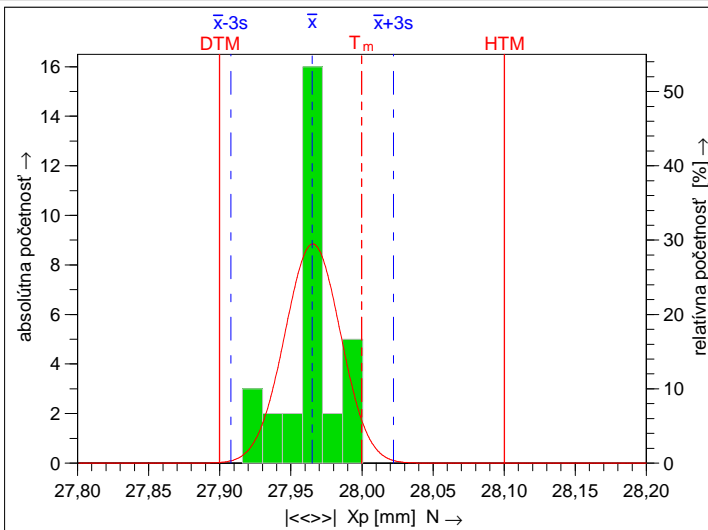
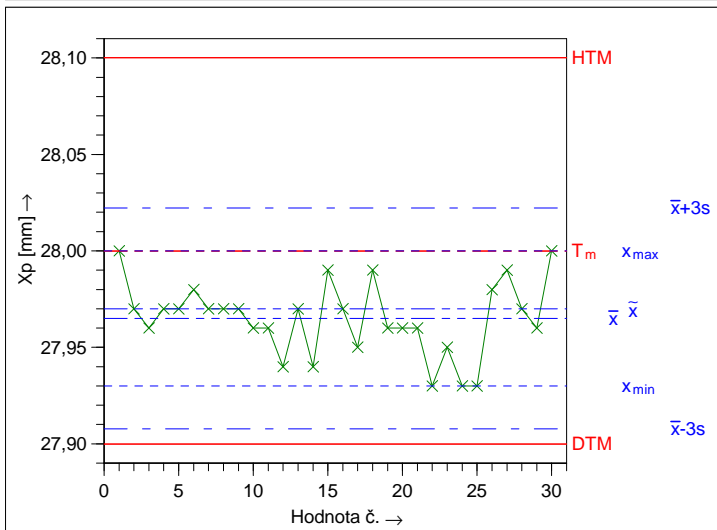




| | | | |
|--------------------------|---|--|--------------------------------|
| Diel čís. C | Jednotka mm | Druh-zadáv. MITUTOYO DMX 1 | Sk.pr.ozn. Mitutoyo CDN-30 |
| Diel ozn. ozubené koleso | Poč. desat. miest 3 | veličina mer. priemer \varnothing | Sk.pr.čís. 551-202-50 |
| Znak č. 1 | Men. hodnota 28,000 | Súčtová konštanta 10 | Skupina-sk.pr. posuvné meradlo |
| Znak ozn. Xp | Odchyl hore 0,100 | Násobková konštanta 1 | Rozlíšenie-sk.pr. 0,01 mm |
| Znak-tr. významný | Odchyl dolu -0,100 | Vyhodnotenie od 7. 10. 2009 7:56:26 do 7. 10. 2009 8:00:57 | |
| Znak-drh. spojité | Študent, študijný program, skupina benčík, PPSV, streda 7.30 | | |



| Diel čís. C | | | Diel ozn. ozubené koleso | | |
|-------------|--------|---------------------|--------------------------|--------|---------------------|
| Znak č. 1 | | | Znak ozn. Xp | | |
| i | x_i | Dátum/čas | i | x_i | Dátum/čas |
| 1 | 28,000 | 7. 10. 2009 7:56:26 | 6 | 27,980 | 7. 10. 2009 7:57:40 |
| 2 | 27,970 | 7. 10. 2009 7:57:12 | 7 | 27,970 | 7. 10. 2009 7:57:46 |
| 3 | 27,960 | 7. 10. 2009 7:57:15 | 8 | 27,970 | 7. 10. 2009 7:57:48 |
| 4 | 27,970 | 7. 10. 2009 7:57:24 | 9 | 27,970 | 7. 10. 2009 7:57:55 |
| 5 | 27,970 | 7. 10. 2009 7:57:36 | 10 | 27,960 | 7. 10. 2009 7:57:59 |
| 6 | 27,970 | 7. 10. 2009 7:58:45 | 11 | 27,960 | 7. 10. 2009 7:59:20 |
| 7 | 27,950 | 7. 10. 2009 7:58:52 | 12 | 27,940 | 7. 10. 2009 7:58:13 |
| 8 | 27,990 | 7. 10. 2009 7:58:57 | 13 | 27,970 | 7. 10. 2009 7:58:24 |
| 9 | 27,960 | 7. 10. 2009 7:59:01 | 14 | 27,940 | 7. 10. 2009 7:58:31 |
| 10 | 27,960 | 7. 10. 2009 7:59:12 | 15 | 27,990 | 7. 10. 2009 7:58:39 |
| 11 | 27,970 | 7. 10. 2009 7:58:45 | 16 | 27,980 | 7. 10. 2009 8:00:39 |
| 12 | 27,950 | 7. 10. 2009 7:58:52 | 17 | 27,930 | 7. 10. 2009 7:59:26 |
| 13 | 27,990 | 7. 10. 2009 7:58:57 | 18 | 27,950 | 7. 10. 2009 8:00:22 |
| 14 | 27,960 | 7. 10. 2009 7:59:01 | 19 | 27,930 | 7. 10. 2009 8:00:28 |
| 15 | 27,960 | 7. 10. 2009 7:59:12 | 20 | 27,930 | 7. 10. 2009 8:00:33 |
| 16 | 27,970 | 7. 10. 2009 7:58:45 | 21 | 27,960 | 7. 10. 2009 7:59:20 |
| 17 | 27,950 | 7. 10. 2009 7:58:52 | 22 | 27,930 | 7. 10. 2009 8:00:28 |
| 18 | 27,990 | 7. 10. 2009 7:58:57 | 23 | 27,950 | 7. 10. 2009 8:00:22 |
| 19 | 27,960 | 7. 10. 2009 7:59:01 | 24 | 27,930 | 7. 10. 2009 8:00:28 |
| 20 | 27,960 | 7. 10. 2009 7:59:12 | 25 | 27,930 | 7. 10. 2009 8:00:33 |
| 21 | 27,970 | 7. 10. 2009 7:58:52 | 26 | 27,980 | 7. 10. 2009 8:00:39 |
| 22 | 27,950 | 7. 10. 2009 7:58:57 | 27 | 27,990 | 7. 10. 2009 8:00:44 |
| 23 | 27,960 | 7. 10. 2009 7:59:01 | 28 | 27,970 | 7. 10. 2009 8:00:48 |
| 24 | 27,960 | 7. 10. 2009 7:59:12 | 29 | 27,960 | 7. 10. 2009 8:00:52 |
| 25 | 27,970 | 7. 10. 2009 7:58:45 | 30 | 28,000 | 7. 10. 2009 8:00:57 |

| Diel čís. C | | | Diel ozn. ozubené koleso | | | | | | | |
|-------------------------|-------|---------------------------|-----------------------------|-----------------|-----------------------|------------------------------|---------------------|----------------------------------|---|----------|
| Znak č. 1 | | | Znak ozn. Xp | | | | | | | |
| Údaje z výkresu | | | Namerané hodnoty | | | Štatistické hodnoty | | | | |
| Dolná tolerančná medza | DTM | 27,900 | minimum | x_{min} | 27,930 | priemer | \bar{x} | $\bar{x} = \frac{1}{n} \sum x_i$ | 27,96500 | |
| Horná tolerančná medza | HTM | 28,100 | maximum | x_{max} | 28,000 | medián | \bar{x} | | 27,9700 | |
| Tolerancia | T | T = HTM-DTM | rozptätie | R | R = $x_{max}-x_{min}$ | 0,070 | smerodajná odchýlka | s | $s = \sqrt{\frac{1}{n-1} \sum (x_i - \bar{x})^2}$ | 0,019073 |
| Stred tolerančného poľa | T_m | $T_m = \frac{HTM+DTM}{2}$ | Počet v medziach tolerancie | $n_{<T>}$ | 30 | +3s Kvantil | $\bar{x}+3s$ | | 28,02222 | |
| | | | Počet hodnôt > HTM | $n_{>HTM}$ | 0 | -3s Kvantil | $\bar{x}-3s$ | | 27,90778 | |
| | | | Počet hodnôt < DTM | $n_{<DTM}$ | 0 | 3s Medzikvantilové rozptätie | 6s | | 0,11444 | |
| | | | Vyhodnotený počet hodnôt | $n(ceb)_{eff}$ | 30 | | | | | |
| | | | Celkový počet hodnôt | $n(ceb)_{celk}$ | 30 | | | | | |
| Modelové rozdelenie | | | | | Normálne rozdelenie | | | | | |
| Výpočtová metóda | | | | | Q-DAS 1 - Part | | | | | |

