



| | Assembly Product X=8: WHITE X=0: BLACK | 10 SPRING DATA | | | | | | | Remark |
|----|--|----------------|--|----------------------------------|--|-------------|---------------------------------|-----------------|-------------------------------|
| | | SPRING P/N | A $\pm_{-0.1}^{0.7}$ (mm) [Ref.] | $\varnothing B \pm 0.05$ (mm) | $\varnothing C \pm_{-0.2}^{0.2}$ (mm) | Total Coils | Force Rate (gf/mm) [Ref.] | Material | |
| 10 | 82FT19-07-9909-X | 52FT07 | 8.3 | 0.50 | 3.0 | 6.00 | 280 | SUS304 | |
| 10 | 82FT19-19-9909-X | 52FT19 | 8.2 | 0.50 | 3.1 | 5.00 | 280 | SUS304 | |
| | 82FT19-39-9909-X | 52FT39 | 12.6 | 0.55 | 3.5 | 6.00 | 250 | SUS304 | |
| 10 | 82FT19-40-9909-X | 52FT40 | 13.3 | 0.65 | 3.5 | 6.25 | 470 | SWC80 NICKEL | |
| | 82FT19-45-9909-X | 52FT45 | 9.5 | 0.55 | 3.5 | 5.25 | 312 | SUS304 | |
| | 82FT19-50-9909-X | 52FT50 | 12.0 | 0.60 | 3.1 | 7.75 | 407 | SWC80 NICKEL | |
| | 82FT19-51-9909-X | 52FT51 | 10.5 | 0.55 | 3.1 | 8.00 | 262 | SUS304 | |
| | 82FT19-52-9909-X | 52FT52 | 12.0 | 0.25 | 3.1 | 9.50 | 11.9 | SUS304 | |
| 9 | 82FT19-53-9909-X | 52FT53 | 10.0 | 0.50 | 3.8 | 5.00 | 230 | SUS304 | Come off the push pin easily. |

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| MATERIL : SEE NOTE | UNLESS OTHERWISE SPECIFIED WEIGHT DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1993 DIMENSIONS ARE IN MM TOLERANCES: |
| Project No#: FT0904 | <div> $\times \pm 0.5$ $\times \pm 0.25$ $\times \pm 0.125$ </div> Angles $\pm 1.0^\circ$ |
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| NAME : | 82FT19-XX SERIES SNP | Rev 10 |
| PART NO# : | 82FT19-XX-9909-X | Sheet 1/1 |

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