



Spring Clips

Material: Spring Steel - ASTM-A684

Standard Plating: Cadmium-Yellow Chromate AMS QQ-P-416 CLASS 2 TYPE II

Other Finishes Available: www.atlee.com/wp-content/uploads/docs/finishes.pdf

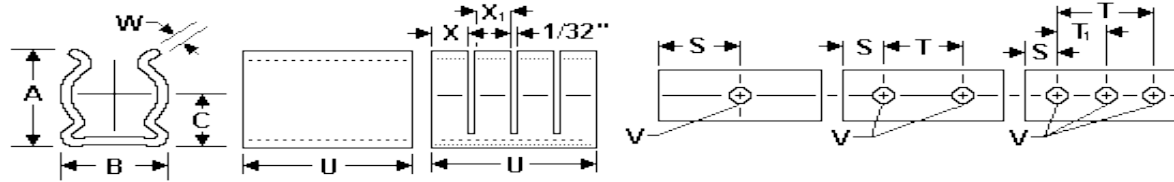


Figure 1. Figure 2.

.875 Diameter Spring Clips – Spring Steel

| Part # | Nom Dia | Min Dia | Max Dia | Holes | U +/- .010 | A +/- .020 | B +/- .010 | C +/- .020 | W +/- .003 | V +/- .003 | S +/- .010 | X +/- .020 | X +/- .020 | T +/- .005 | T1 +/- .005 | Slots | Figure |
|-----------------|---------|---------|---------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------|--------|
| 100-200-12A-000 | 0.875 | 0.815 | 0.935 | 4 | 4 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.5 | | | 3 | 1 | 0 | 1 |
| 100-200-12A-001 | 0.875 | 0.815 | 0.935 | 1 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.5 | | | | | 0 | 1 |
| 100-200-12A-002 | 0.875 | 0.815 | 0.935 | 2 | 2 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.5 | | | 1 | | 0 | 1 |
| 100-200-12A-003 | 0.875 | 0.815 | 0.935 | 3 | 3 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.5 | | | 2 | 1 | 0 | 1 |
| 100-200-12A-004 | 0.875 | 0.815 | 0.935 | 1 | 0.75 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.375 | | | | | 0 | 1 |
| 100-200-12A-005 | 0.875 | 0.815 | 0.935 | 2 | 2 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.5 | 0.48 | 0.48 | 1 | | 3 | 2 |
| 100-200-12A-006 | 0.875 | 0.815 | 0.935 | 2 | 1.5 | 1.09 | 0.91 | 0.61 | 0.016 | 0.144 | 0.25 | 0.22 | 0.22 | 1 | | 5 | 2 |
| 100-200-12A-007 | 0.875 | 0.815 | 0.935 | 1 | 0.375 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.188 | | | | | 0 | 1 |
| 100-200-12A-008 | 0.875 | 0.815 | 0.935 | 2 | 1.563 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.281 | | | 1 | | 0 | 1 |
| 100-200-12A-009 | 0.875 | 0.815 | 0.935 | 2 | 1.75 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.375 | 0.27 | 0.27 | 1 | | 5 | 2 |
| 100-200-12A-010 | 0.875 | 0.815 | 0.935 | 3 | 3 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.5 | 0.39 | 0.39 | 2 | 1 | 6 | 2 |
| 100-200-12A-011 | 0.875 | 0.815 | 0.935 | 2 | 0.375 | 1.1 | 0.93 | 0.62 | 0.028 | 0.071 | 0.094 | | | 0.188 | | 0 | 1 |
| 100-200-12A-012 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.125 | | | 1 | | 0 | 1 |
| 100-200-12A-013 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.187 | 0.25 | | | 0.5 | | 0 | 1 |
| 100-200-12A-014 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.219 | | | 0.813 | | 0 | 1 |
| 100-200-12A-015 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.1 | 0.93 | 0.62 | 0.028 | 0.128 | 0.25 | | | 0.75 | | 0 | 1 |
| 100-200-12A-016 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.313 | | | 0.375 | | 0 | 1 |
| 100-200-12A-017 | 0.875 | 0.815 | 0.935 | 3 | 3 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.5 | | | 2 | 1 | 0 | 1 |
| 100-200-12A-018 | 0.875 | 0.815 | 0.935 | 2 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.5 | | | 1 | | 0 | 1 |
| 100-200-12A-019 | 0.875 | 0.815 | 0.935 | 3 | 1.125 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.188 | | | 0.75 | 0.375 | 0 | 1 |
| 100-200-12A-020 | 0.875 | 0.815 | 0.935 | 2 | 0.75 | 1.1 | 0.93 | 0.62 | 0.028 | 0.128 | 0.188 | | | 0.375 | | 0 | 1 |
| 100-200-12A-021 | 0.875 | 0.815 | 0.935 | 3 | 1.125 | 1.08 | 0.9 | 0.6 | 0.012 | 0.144 | 0.188 | | | 0.75 | 0.375 | 0 | 1 |
| 100-200-12A-022 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.25 | | | 1.5 | 0.75 | 0 | 1 |
| 100-200-12A-023 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.09 | 0.92 | 0.61 | 0.022 | 0.129 | 0.188 | | | 0.625 | | 0 | 1 |
| 100-200-12A-024 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.92 | 0.61 | 0.022 | 0.129 | 0.25 | | | 1.5 | 0.75 | 0 | 1 |

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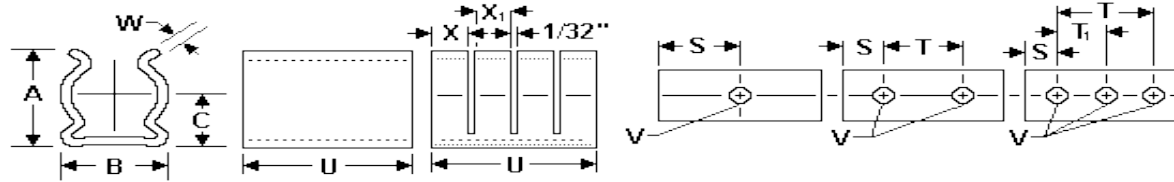


Figure 1. Figure 2.

| Part # | Nom Dia | Min Dia | Max Dia | Holes | U +/- .010 | A +/- .020 | B +/- .010 | C +/- .020 | W +/- .003 | V +/- .003 | S +/- .010 | X +/- .020 | X +/- .020 | T +/- .005 | T1 +/- .005 | Slots | Figure |
|-----------------|---------|---------|---------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------|--------|
| 100-200-12A-025 | 0.875 | 0.815 | 0.935 | 2 | 1.125 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.25 | | | 0.625 | | 0 | 1 |
| 100-200-12A-026 | 0.875 | 0.815 | 0.935 | 3 | 1.875 | 1.1 | 0.93 | 0.62 | 0.024 | 0.128 | 0.25 | 0.16 | 0.16 | 1.375 | 0.688 | 9 | 2 |
| 100-200-12A-027 | 0.875 | 0.815 | 0.935 | 2 | 0.625 | 1.1 | 0.93 | 0.62 | 0.024 | 0.128 | 0.156 | 0.19 | 0.19 | 0.312 | | 2 | 2 |
| 100-200-12A-028 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.1 | 0.93 | 0.62 | 0.024 | 0.128 | 0.266 | 0.18 | 0.18 | 0.468 | | 4 | 2 |
| 100-200-12A-029 | 0.875 | 0.815 | 0.935 | 3 | 3 | 1.09 | 0.91 | 0.61 | 0.02 | 0.103 | 0.5 | 0.39 | 0.39 | 2 | 1 | 6 | 2 |
| 100-200-12A-030 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.103 | 0.313 | 0.19 | 0.19 | 1.375 | 0.688 | 8 | 2 |
| 100-200-12A-031 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.125 | | | 0.75 | | 0 | 1 |
| 100-200-12A-032 | 0.875 | 0.815 | 0.935 | 2 | 0.625 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.156 | 0.14 | 0.13 | 0.312 | | 3 | 2 |
| 100-200-12A-033 | 0.875 | 0.815 | 0.935 | 3 | 2.5 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.25 | 0.39 | 0.39 | 2 | 1 | 5 | 2 |
| 100-200-12A-034 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.25 | | | 0.5 | | 0 | 1 |
| 100-200-12A-035 | 0.875 | 0.815 | 0.935 | 1 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.201 | 0.5 | | | | | 0 | 1 |
| 100-200-12A-036 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.313 | 0.18 | 0.18 | 1.375 | 0.688 | 8 | 2 |
| 100-200-12A-037 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.187 | 0.25 | | | 0.5 | | 0 | 1 |
| 100-200-12A-038 | 0.875 | 0.815 | 0.935 | 1 | 0.75 | 1.1 | 0.93 | 0.62 | 0.028 | 0.136 | 0.375 | | | | | 0 | 1 |
| 100-200-12A-039 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.09 | 0.91 | 0.61 | 0.02 | 0.103 | 0.281 | 0.23 | 0.23 | 0.438 | | 3 | 2 |
| 100-200-12A-040 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.103 | 0.25 | 0.19 | 0.19 | 1.5 | 0.75 | 8 | 2 |
| 100-200-12A-041 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.25 | 0.19 | 0.19 | 1.5 | 0.75 | 8 | 2 |
| 100-200-12A-042 | 0.875 | 0.815 | 0.935 | 3 | 1.875 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.25 | 0.16 | 0.16 | 1.375 | 0.688 | 9 | 2 |
| 100-200-12A-043 | 0.875 | 0.815 | 0.935 | 2 | 0.625 | 1.09 | 0.91 | 0.61 | 0.02 | 0.103 | 0.156 | 0.14 | 0.13 | 0.312 | | 3 | 2 |
| 100-200-12A-044 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.25 | 0.48 | 0.48 | 1.5 | 0.75 | 3 | 2 |
| 100-200-12A-045 | 0.875 | 0.815 | 0.935 | 3 | 2.188 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.344 | | | 1.5 | 0.75 | 0 | 1 |
| 100-200-12A-046 | 0.875 | 0.815 | 0.935 | 3 | 2.438 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.469 | | | 1.5 | 0.75 | 0 | 1 |
| 100-200-12A-047 | 0.875 | 0.815 | 0.935 | 2 | 0.563 | 1.1 | 0.93 | 0.62 | 0.028 | 0.07 | 0.125 | | | 0.312 | | 0 | 1 |
| 100-200-12A-048 | 0.875 | 0.815 | 0.935 | 3 | 3 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.656 | | | 1.686 | 0.846 | 0 | 1 |
| 100-200-12A-049 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.09 | 0.91 | 0.61 | 0.016 | 0.129 | 0.188 | | | 0.625 | | 0 | 1 |
| 100-200-12A-050 | 0.875 | 0.815 | 0.935 | 2 | 1.5 | 1.09 | 0.91 | 0.61 | 0.016 | 0.144 | 0.25 | | | 1 | | 0 | 1 |

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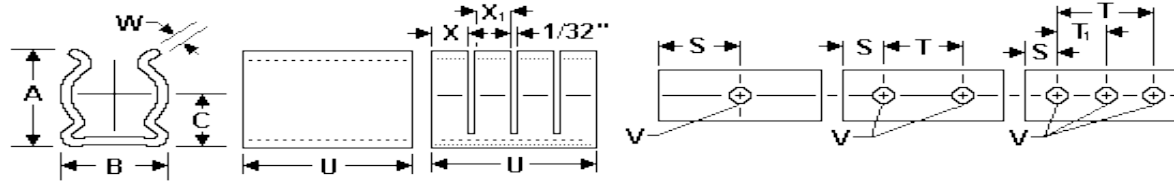


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|-----------------|---------|---------|---------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------|--------|
| 100-200-12A-051 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.219 | 0.4 | 0.39 | 0.813 | | 2 | 2 |
| 100-200-12A-052 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.25 | 0.64 | 0.64 | 1.5 | 0.75 | 2 | 2 |
| 100-200-12A-053 | 0.875 | 0.815 | 0.935 | 1 | 0.75 | 1.1 | 0.93 | 0.62 | 0.014 | 0.098 | 0.375 | | | | | 0 | 1 |
| 100-200-12A-054 | 0.875 | 0.815 | 0.935 | 1 | 0.75 | 1.1 | 0.93 | 0.62 | 0.028 | 0.093 | 0.375 | | | | | 0 | 1 |
| 100-200-12A-055 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.09 | 0.91 | 0.61 | 0.016 | 0.128 | 0.25 | | | 0.75 | | 0 | 1 |
| 100-200-12A-056 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.125 | 0.4 | 0.39 | 1 | | 2 | 2 |
| 100-200-12A-057 | 0.875 | 0.815 | 0.935 | 2 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.136 | 0.25 | 0.47 | 0.48 | 1.5 | | 3 | 2 |
| 100-200-12A-058 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.91 | 0.61 | 0.016 | 0.144 | 0.25 | 0.19 | 0.19 | 1.5 | 0.75 | 8 | 2 |
| 100-200-12A-059 | 0.875 | 0.815 | 0.935 | 1 | 0.438 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.219 | | | | | 0 | 1 |
| 100-200-12A-061 | 0.875 | 0.815 | 0.935 | 2 | 2 | 1.1 | 0.93 | 0.62 | 0.028 | 0.136 | 0.5 | | | 1 | | 0 | 1 |
| 100-200-12A-062 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.158 | 0.25 | | | 0.5 | | 0 | 1 |
| 100-200-12A-063 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.218 | | | 0.813 | | 0 | 1 |
| 100-200-12A-064 | 0.875 | 0.815 | 0.935 | 1 | 0.75 | 1.1 | 0.93 | 0.62 | 0.028 | 0.131 | 0.375 | | | | | 0 | 1 |
| 100-200-12A-065 | 0.875 | 0.815 | 0.935 | 2 | 1.5 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.25 | 0.475 | 0.475 | 1 | | 2 | 2 |
| 100-200-12A-066 | 0.875 | 0.815 | 0.935 | 2 | 0.5 | 1.09 | 0.91 | 0.61 | 0.02 | 0.093 | 0.125 | | | 0.25 | | 0 | 1 |
| 100-200-12A-081 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.125 | | | 1 | | 0 | 1 |
| 100-200-12A-082 | 0.875 | 0.815 | 0.935 | 1 | 1 | 1.1 | 0.93 | 0.62 | 0.028 | 0.25 | 0.5 | | | | | 0 | 1 |
| 100-200-12A-083 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.25 | | | 0.75 | | 0 | 1 |
| 100-200-12A-084 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.27 | 0.17 | 0.17 | 0.468 | | 4 | 2 |
| 100-200-12A-085 | 0.875 | 0.815 | 0.935 | 1 | 0.625 | 1.09 | 0.91 | 0.61 | 0.02 | 0.14 | 0.313 | | | | | 0 | 1 |
| 100-200-12A-086 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.218 | 0.4 | 0.39 | 0.813 | | 2 | 2 |
| 100-200-12A-087 | 0.875 | 0.815 | 0.935 | 1 | 1 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.5 | | | | | 0 | 1 |
| 100-200-12A-088 | 0.875 | 0.815 | 0.935 | 3 | 3 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.657 | | | 1.686 | 0.843 | 0 | 1 |
| 100-200-12A-089 | 0.875 | 0.815 | 0.935 | 2 | 1.125 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.25 | 0.34 | 0.38 | 0.625 | | 2 | 2 |
| 100-200-12A-090 | 0.875 | 0.815 | 0.935 | 2 | 0.75 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.188 | 0.22 | 0.22 | 0.375 | | 2 | 2 |
| 100-200-12A-091 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.1 | 0.93 | 0.62 | 0.024 | 0.128 | 0.266 | 0.31 | 0.31 | 0.468 | | 2 | 2 |

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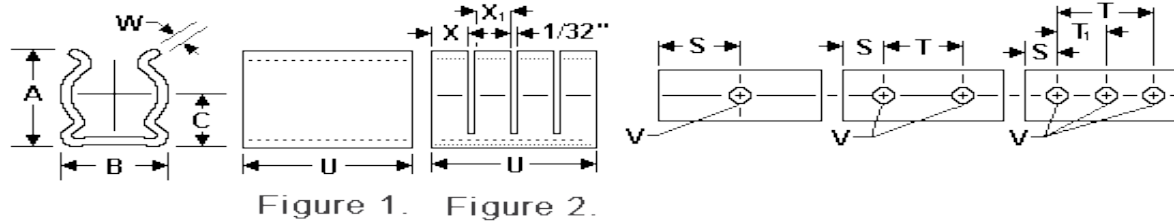


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| Part # | Nom Dia | Min Dia | Max Dia | Holes | U +/- .010 | A +/- .020 | B +/- .010 | C +/- .020 | W +/- .003 | V +/- .003 | S +/- .010 | X +/- .020 | X +/- .020 | T +/- .005 | T1 +/- .005 | Slots | Figure |
|-----------------|---------|---------|---------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------|--------|
| 100-200-12A-092 | 0.875 | 0.815 | 0.935 | 3 | 1.125 | 1.09 | 0.91 | 0.61 | 0.02 | 0.144 | 0.188 | | | 0.75 | 0.375 | 0 | 1 |
| 100-200-12A-093 | 0.875 | 0.815 | 0.935 | 2 | 0.5 | 1.09 | 0.91 | 0.61 | 0.016 | 0.128 | 0.125 | | | 0.25 | | 0 | 1 |
| 100-200-12A-094 | 0.875 | 0.815 | 0.935 | 3 | 1.875 | 1.09 | 0.91 | 0.61 | 0.02 | 0.103 | 0.25 | 0.16 | 0.16 | 1.375 | 0.688 | 9 | 2 |
| 100-200-12A-095 | 0.875 | 0.815 | 0.935 | 2 | 1.25 | 1.1 | 0.93 | 0.62 | 0.031 | 0.131 | 0.25 | | | 0.75 | | 0 | 1 |
| 100-200-12A-096 | 0.875 | 0.815 | 0.935 | 3 | 2.25 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.375 | | | 1.5 | 0.75 | 0 | 1 |
| 100-200-12A-097 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.09 | 0.91 | 0.61 | 0.02 | 0.129 | 0.25 | | | 1.5 | 0.75 | 0 | 1 |
| 100-200-12A-098 | 0.875 | 0.815 | 0.935 | 2 | 1 | 1.09 | 0.91 | 0.61 | 0.02 | 0.128 | 0.266 | | | 0.468 | | 0 | 1 |
| 100-200-12A-099 | 0.875 | 0.815 | 0.935 | 3 | 2 | 1.1 | 0.93 | 0.62 | 0.028 | 0.144 | 0.25 | 0.48 | 0.48 | 1.5 | 0.75 | 3 | 2 |

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