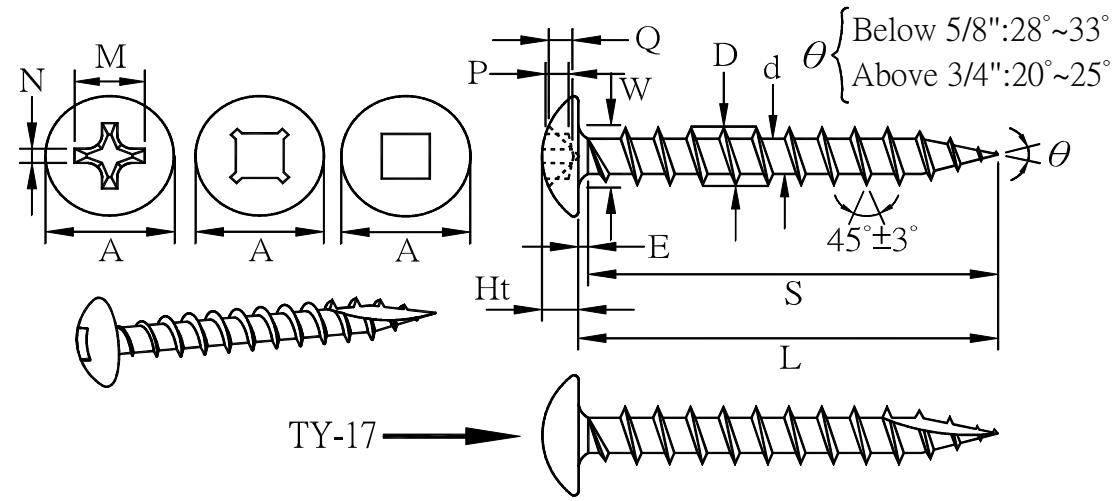
| DW# | A1-QS03o | | | PH/SQ/PQ - TRH - QS45/17QS | Revision Record | | | |
|---|---|---|---|---|---|---|---|---|
| Date | Dim. /Spec. | Old | New | | Date | Dim. /Spec. | Old | New |
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| Size /Thrds | A | Phillips M | Phillips N | Ht | Gage Phillips Recess | Gage Phillips Q | Gage Square／PH-SQ Combo Recess | Gage Square／PH-SQ Combo P | Gage Square／PH-SQ Combo Recess | Gage Square／PH-SQ Combo P | W、E | W、E | D | d | Wire | kgf.cm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| #5-14 | 6.91~7.34 | Min. 2.93 | Min. 0.49 | 1.68~1.98 | #1 | 1.53~1.98 | #1 | 1.02~1.39 | #2 | 1.45~1.65 | — | — | 3.10~3.25 | 1.83~1.98 | 2.30 | 18 |
| #6-13 | 7.70~8.15 | Min. 3.69 | Min. 0.69 | 1.88~2.18 | #2 | 1.45~1.85 | #1 | 1.02~1.39 | #2 | 1.45~1.65 | W:Max. 3.60 E:Max. 0.80 | W:Max. 4.80 E:Max. 1.00 | 3.45~3.58 | 2.00~2.21 | 2.50 | 21 |
| #7-12 | 8.46~8.94 | Min. 3.87 | Min. 0.72 | 2.06~2.38 | #2 | 1.40~2.03 | #1 | 1.45~1.65 | #2 | 1.45~1.65 | — | — | 3.76~3.91 | 2.22~2.43 | 2.80 | 25 |
| #8-11 | 9.25~9.75 | Min. 4.07 | Min. 0.74 | 2.24~2.59 | #2 | 1.61~2.23 | #1 | 1.45~1.65 | #2 | 1.53~1.90 | W:Max. 4.30 E:Max. 1.00 | W:Max. 5.00 E:Max. 1.20 | 4.07~4.26 | 2.38~2.61 | 2.95 | 37 |
| #9-10 | 9.25~9.75 | Min. 4.07 | Min. 0.74 | 2.24~2.59 | #2 | 1.61~2.23 | — | — | | — | — | — | 4.42~4.59 | 2.50~2.78 | 3.20 | 37 |
| #10-9 | 10.80~11.37 | Min. 4.45 | Min. 0.77 | 2.62~2.99 | #2 | 2.01~2.64 | — | — | #2 | 1.66~1.90 | W:Max. 5.00 E:Max. 1.20 | W:Max. 5.40 E:Max. 1.20 | 4.75~4.92 | 2.79~3.02 | 3.40 | 45 |
| #12-8 | 12.37~12.97 | Min. 5.97 | Min. 0.82 | 3.00~3.40 | #3 | 2.19~2.81 | — | — | #2 | 1.66~1.90 | — | W:Max. 5.50 E:Max. 1.30 | 5.00~5.50 | 3.00~3.30 | 3.80 | 60 |
| #14- | 13.87~14.55 | Min. 6.35 | Min. 0.84 | 3.38~3.81 | #3 | 2.57~3.20 | — | — | | — | — | — | — | — | 5.42 | — |

Unit: mm

Customer approve: w/date

Approved by : w/date

CAD by : w/date

Issued date : w/date

Specification:

| | |
|---|---|
| Material: | C1022(C1018) |
| Recess | Phillips／Square／PH-SQ Combo |
| Head: | Truss Head |
| Thread: | ☐ 45° Thread |
| | ☐ 45° Thread+TY-17 |
| Heat Treatment: | |
| Core hardness: | HV 320-450 |
| Surface hardness: | HV 450-800 |
| Bending Angle: | ＞15°Breaking |
| Thread Length: | Below 1-1/8": full thread |
| | 1-1/4"~1-3/8": 20-22mm |
| | Above 1-1/2": Max. 2/3 total length |
| Total Length: | Below 5/8": +0 / - 0.039" (-1.0mm) |
| | Above 3/4": +0 / - 0.05" (-1.2mm) |
| | Above 3-1/2"(incl.): +0 / - 0.08" (-2.0mm) |