



| Size /Thrds | A | U | Phillips | | Gage | | | | | | H | W | D | d | Wire | Torque kgf.cm | UNIT: mm Customer approve: w/date Approved by : w/date CAD by : Steven Huang w/date Issued date : 2014.10.20 w/date year-month-day | |
|-------------|------------|--------------|-----------|-----------|----------|-----------|--------------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|---|--|
| | | | M | N | Phillips | | Square/PH-SQ | | Square/PH-SQ | | | | | | | | | |
| | | | | | Recess | Q | Recess | P | Recess | P | | | | | | | | |
| #5-14 | 5.59~6.40 | 0.2~0.5 | Min. 3.59 | Min. 0.69 | #2 | 1.33~1.90 | #1 | 1.45~1.65 | — | — | 0.40~0.70 | 0.50~0.80 | 3.10~3.25 | 1.83~1.98 | 2.30 | 18 | | |
| #6-13 | 6.30~6.60特 | 0.2~0.5 | Min. 4.09 | Min. 0.74 | #2 | 1.83~2.41 | #1 | 1.45~1.65 | #2 | 1.10~1.35 | 0.40~0.70 | 0.50~0.80 | 3.45~3.58 | 2.00~2.21 | 2.50 | 21 | | |
| #6-13 | 6.74~6.98 | 0.2~0.5 | Min. 4.09 | Min. 0.74 | #2 | 1.83~2.41 | #1 | 1.45~1.65 | #2 | 1.10~1.35 | 0.40~0.70 | 0.50~0.80 | 3.45~3.58 | 2.00~2.21 | 2.50 | 21 | | |
| #6-13 | 6.61~7.05 | 0.2~0.5 | Min. 4.09 | Min. 0.74 | #2 | 1.83~2.41 | #1 | 1.45~1.65 | #2 | 1.10~1.35 | 0.40~0.70 | 0.50~0.80 | 3.45~3.58 | 2.00~2.21 | 2.50 | 21 | | |
| #6-11 | 6.61~6.98 | 0.57~0.88(G) | Min. 4.09 | Min. 0.74 | #2 | 1.83~2.41 | #1 | 1.45~1.65 | #2 | 1.10~1.35 | 0.40~0.70 | 0.50~0.80 | 3.69~3.93 | 2.16~2.41 | 2.65 | 21 | | |
| #7-12 | 6.81~7.74 | 0.2~0.5 | Min. 4.30 | Min. 0.76 | #2 | 2.04~2.61 | #1 | 1.45~1.65 | #2 | 1.66~1.90 | 0.50~0.90 | 0.60~1.00 | 3.76~3.91 | 2.22~2.43 | 2.80 | 25 | | |
| #8-11 | 7.42~8.43 | 0.2~0.5 | Min. 4.48 | Min. 0.76 | #2 | 2.21~2.79 | #2 | 1.66~1.90 | — | — | 0.50~0.90 | 0.60~1.00 | 4.07~4.26 | 2.38~2.61 | 2.95~3.05 | 32 | | |
| #9-10 | 7.42~8.43 | 0.2~0.5 | Min. 4.48 | Min. 0.76 | #2 | 2.21~2.79 | #2 | 1.66~1.90 | — | — | 0.50~0.90 | 0.60~1.00 | 4.42~4.59 | 2.50~2.78 | 3.20 | 37 | | |
| #9-10 | 8.03~9.09 | 0.2~0.5 | Min. 4.48 | Min. 0.76 | #2 | 2.21~2.79 | #2 | 1.66~1.90 | — | — | 0.50~0.90 | 0.60~1.00 | 4.42~4.59 | 2.50~2.78 | 3.20 | 37 | | |
| 9769 #9-10 | 8.13~8.50 | 0.2~0.5 | Min. 4.48 | Min. 0.76 | #2 | 2.21~2.79 | #2 | 1.66~1.90 | — | — | 0.50~0.90 | 0.60~1.00 | 4.42~4.59 | 2.50~2.78 | 3.20 | 37 | | |
| #10-9(#9頭) | 8.03~9.09 | 0.2~0.5 | Min. 4.48 | Min. 0.76 | #2 | 2.21~2.79 | #2 | 1.66~1.90 | — | — | 0.50~0.90 | 0.60~1.00 | 4.75~4.92 | 2.79~3.02 | 3.40~3.47 | 45 | | |
| #10-9 | 8.64~9.77 | 0.2~0.5 | Min. 4.86 | Min. 0.81 | #2 | 2.60~3.17 | #2 | 1.66~1.90 | — | — | 0.50~0.90 | 0.60~1.00 | 4.75~4.92 | 2.79~3.02 | 3.40~3.47 | 45 | | |
| #12-8 | 9.89~11.13 | 0.5~0.8 | Min. 6.48 | Min. 0.89 | #3 | 2.95~3.53 | #3 | 2.16~2.41 | — | — | 0.50~1.00 | 0.80~1.20 | 5.00~5.50 | 3.20~3.50 | 3.80 | 60 | | |

Specification:

Material: C1022(C1018)

Recess: Phillips/Square/PH-SQ Combo

Head: Flat Head w/4Ribs

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)