



## TECHNICAL INFORMATION

**MATERIAL :** POLYAMIDE 6

**THREAD STANDARD :** METRIC EN 60423 , PG DIN 40430

**PROTECTION CLASS :** IP66

**OPERATING TEMPERATURE :** -40C / +120C

**FLAMMABILITY CLASS :** UL94 V2

**COLOR :** GREY ( RAL 7031 ) , BLACK ( RAL 9011 )

**CERTIFICATE :** CE, ROHS

**WASHER :** TPE

### FEATURES

BEST GRADE MATERIAL | HALOGEN FREE | SULPHUR FREE  
CADMIUM FREE | ABRASION RESISTANT | BENZINE,  
SOLVENT AND ACID RESISTANT | SELF-EXTINGUISHING |  
PUSH-IN ADAPTATION | EASY INSTALLATION | UV RESISTANT  
(BLACK COLOUR)

### APPLICATIONS

MACHINE INDUSTRY | AUTOMATION SYSTEMS  
AUTOMOTIVE | SOLAR SYSTEMS | CONSTRUCTION |  
ROBOT APPLICATIONS | SHIP INDUSTRY

| BLACK CODE | GREY CODE | THREAD SIZE (MM) | CONDUIT NOM. SIZE (MM) | TD (MM) | TL (MM) | SW (MM) | H (MM) | A (MM) | B (MM) | QUANTITY (PCS/PACK) |
|------------|-----------|------------------|------------------------|---------|---------|---------|--------|--------|--------|---------------------|
| TGR-P07-S  | TGR-P07-G | PG-7             | 10,0                   | 12,5    | 11,5    | 16,0    | 24,5   | 7,5    | 17,5   | 200                 |
| TGR-P09-S  | TGR-P09-G | PG-9             | 13,0                   | 15,2    | 11,5    | 18,0    | 25,5   | 10,0   | 20,0   | 100                 |
| TGR-P11-S  | TGR-P11-G | PG-11            | 16,0                   | 18,6    | 11,5    | 21,0    | 28,5   | 12,0   | 23,0   | 100                 |
| TGR-P13-S  | TGR-P13-G | PG-13,5          | 18,0                   | 20,4    | 13,0    | 24,0    | 29     | 14,0   | 27,0   | 50                  |
| TGR-P16-S  | TGR-P16-G | PG-16            | 21,0                   | 22,5    | 13,0    | 27,0    | 32     | 18,3   | 30,0   | 50                  |
| TGR-P21-S  | TGR-P21-G | PG-21            | 28,0                   | 28,3    | 13,5    | 34,0    | 33,5   | 20,6   | 37,8   | 50                  |
| TGR-P29-S  | TGR-P29-G | PG-29            | 34,0                   | 37,0    | 15,0    | 40,0    | 36     | 26,0   | 44,5   | 25                  |
| TGR-P36-S  | TGR-P36-G | PG-36            | 42,0                   | 47,0    | 16,5    | 50,0    | 45,5   | 40,5   | 55,5   | 20                  |
| TGR-P48-S  | TGR-P48-G | PG-48            | 54,0                   | 59,3    | 16,5    | 62,0    | 47,5   | 51,0   | 68,0   | 12                  |

| BLACK CODE  | GREY CODE   | THREAD SIZE (MM) | CONDUIT NOM. SIZE (MM) | TD (MM) | TL (MM) | SW (MM) | H (MM) | A (MM) | B (MM) | QUANTITY (PCS/PACK) |
|-------------|-------------|------------------|------------------------|---------|---------|---------|--------|--------|--------|---------------------|
| TGR-M12-S   | TGR-M12-G   | M12X1,5          | 10,0                   | 12,0    | 11,5    | 16,0    | 24,5   | 7,5    | 17,5   | 200                 |
| TGR-M16-S   | TGR-M16-G   | M16X1,5          | 13,0                   | 16,0    | 11,5    | 18,0    | 25,5   | 10,0   | 20,0   | 100                 |
| TGR-M16-1-S | TGR-M16-1-G | M16X1,5          | 16,0                   | 16,0    | 11,5    | 21,0    | 28,5   | 12,0   | 23,0   | 100                 |
| TGR-M20-S   | TGR-M20-G   | M20X1,5          | 18,0                   | 20,0    | 13,0    | 24,0    | 29     | 14,0   | 27,0   | 50                  |
| TGR-M20-1-S | TGR-M20-1-G | M20X1,5          | 21,0                   | 20,0    | 13,0    | 27,0    | 32     | 14,0   | 30,0   | 50                  |
| TGR-M2-S    | TGR-M2-G    | M25X1,5          | 28,0                   | 25,0    | 13,5    | 34,0    | 33,5   | 20,5   | 37,8   | 50                  |
| TGR-M32-S   | TGR-M32-G   | M32X1,5          | 34,0                   | 32,0    | 15,0    | 40,0    | 36     | 26,8   | 44,5   | 25                  |
| TGR-M40-S   | TGR-M40-G   | M40X1,5          | 42,0                   | 40,0    | 16,5    | 50,0    | 45,5   | 33,0   | 55,5   | 20                  |
| TGR-M50-S   | TGR-M50-G   | M50X1,5          | 54,0                   | 50,0    | 16,5    | 62,0    | 47,5   | 43,5   | 68,0   | 12                  |
| TGR-M63-S   | TGR-M63-G   | M63X1,5          | 54,0                   | 63,0    | 16,5    | 62,0    | 47,5   | 55,0   | 68,0   | 20                  |