



## TECHNICAL INFORMATION

**MATERIAL :** POLYAMIDE 12  
**THREAD STANDARD :** METRIC EN 60423 , PG DIN 40430  
**PROTECTION CLASS :** IP66  
**OPERATING TEMPERATURE :** -40C / +120C  
**FLAMMABILITY CLASS :** UL94 V2  
**COLOR :** GREY ( RAL 7031 ) , BLACK ( RAL9011 )  
**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)
TGR12-P07-S	TGR12-P07-G	PG-7	10,0	12,5	11,5	16,0	24,5	7,5	17,5	200
TGR12-P09-S	TGR12-P09-G	PG-9	13,0	15,2	11,5	18,0	25,5	10,0	20,0	100
TGR12-P11-S	TGR12-P11-G	PG-11	16,0	18,6	11,5	21,0	28,5	12,0	23,0	100
TGR12-P13-S	TGR12-P13-G	PG-13,5	18,0	20,4	13,0	24,0	29	14,0	27,0	50
TGR12-P16-S	TGR12-P16-G	PG-16	21,0	22,5	13,0	27,0	32	18,3	30,0	50
TGR12-P21-S	TGR12-P21-G	PG-21	28,0	28,3	13,5	34,0	33,5	20,6	37,8	50
TGR12-P29-S	TGR12-P29-G	PG-29	34,0	37,0	15,0	40,0	36	26,0	44,5	25
TGR12-P36-S	TGR12-P36-G	PG-36	42,0	47,0	16,5	50,0	45,5	40,5	55,5	20
TGR12-P48-S	TGR12-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)
TGR12-M12-S	TGR-M12-G	M12X1,5	10,0	12,0	11,5	16,0	24,5	7,5	17,5	200
TGR12-M16-S	TGR-M16-G	M16X1,5	13,0	16,0	11,5	18,0	25,5	10,0	20,0	100
TGR12-M16-1-S	TGR-M16-1-G	M16X1,5	16,0	16,0	11,5	21,0	28,5	12,0	23,0	100
TGR12-M20-S	TGR-M20-G	M20X1,5	18,0	20,0	13,0	24,0	29	14,0	27,0	50
TGR12-M20-1-S	TGR-M20-1-G	M20X1,5	21,0	20,0	13,0	27,0	32	14,0	30,0	50
TGR12-M2-S	TGR-M2-G	M25X1,5	28,0	25,0	13,5	34,0	33,5	20,5	37,8	50
TGR12-M32-S	TGR-M32-G	M32X1,5	34,0	32,0	15,0	40,0	36	26,8	44,5	25
TGR12-M40-S	TGR-M40-G	M40X1,5	42,0	40,0	16,5	50,0	45,5	33,0	55,5	20
TGR12-M50-S	TGR-M50-G	M50X1,5	54,0	50,0	16,5	62,0	47,5	43,5	68,0	12
TGR12-M63-S	TGR-M63-G	M63X1,5	54,0	63,0	16,5	62,0	47,5	55,0	68,0	20