



Insulation products
Heat shrinkable tubing



www.mecatraccion.com

SICAME GROUP



CONTENTS

- GT55 Series 2/1 thin wall..... 5
- GT100 Series 2/1 thin wall..... 6
- GT300 Series 3/1 thin wall..... 7
- GTA100 Series 3/1 - 4/1 double wall..... 8
- GTM Series 3/1 medium wall..... 9
- GTE Series 3/1 thick wall..... 10



Selection guide

Series

Series	Shrink ratio	Type of wall
GT55	2/1	Thin wall
GT100	2/1	Thin wall
GT300	3/1	Thin wall
GTA100	3/1 - 4/1	Double wall
GTM	3/1	Medium wall
GTE	3/1	Thick wall

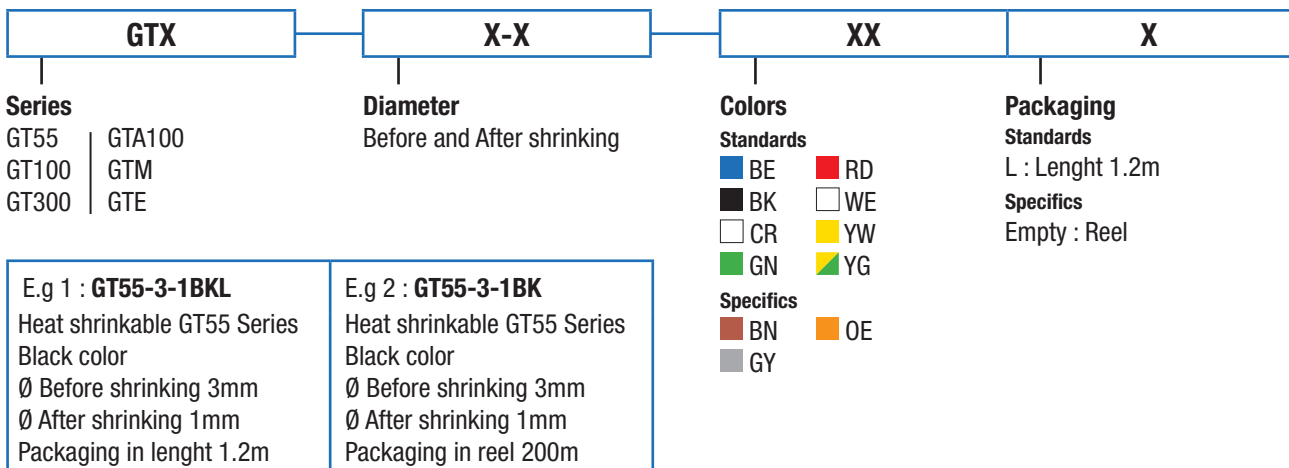
Features

Description	Operating temperature	Shrink ratio	Shrink temperature	Wall with adhesive	Applications
GT55	-55°C / +135°C	2/1	+100°C		General use
GT100	-55°C / +135°C	2/1	+100°C		Multi-use
GT300	-55°C / +135°C	3/1	+100°C		General use. Ground connections identification
GTA100	-45°C / +125°C	3/1 - 4/1	+125°C	X	Waterproof protection
GTM	-45°C / +110°C	3/1	+125°C	X	Protection and insulation of low voltage cables and connections
GTE	-45°C / +110°C	3/1	+125°C	X	Protection with better insulation and mechanical resistance of low voltage cables and connections

Colors

■ BE : Blue	■ BN : Brown	■ GN : Green	■ OE : Orange	□ WE : White	■ YW : Yellow
■ BK : Black	□ CR : Clear	■ GY : Grey	■ RD : Red	■ YG : Yellow Green	

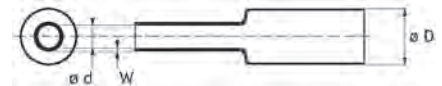
Part number build



GT55

Features

- Heat shrinkable thin wall tubing in polyolefin and flame retardant. GT55 Series is suitable for general use. Available in Reel on demand for a use adapted to your needs
- Shrink ratio : 2/1
- Shrink temperature : 100°C
- Operating temperature : -55°C / +135°C
- Standards : UL 224 125°C 600V VW1. RoHS
- Tensile strength : 14 Mpa
- Elongation : 400%
- Longitudinal change : ± 5%
- Dielectric strength : 20 kV/mm
- Elongation after ageing test : 350%
- Resistance after heat shock : 13 Mpa

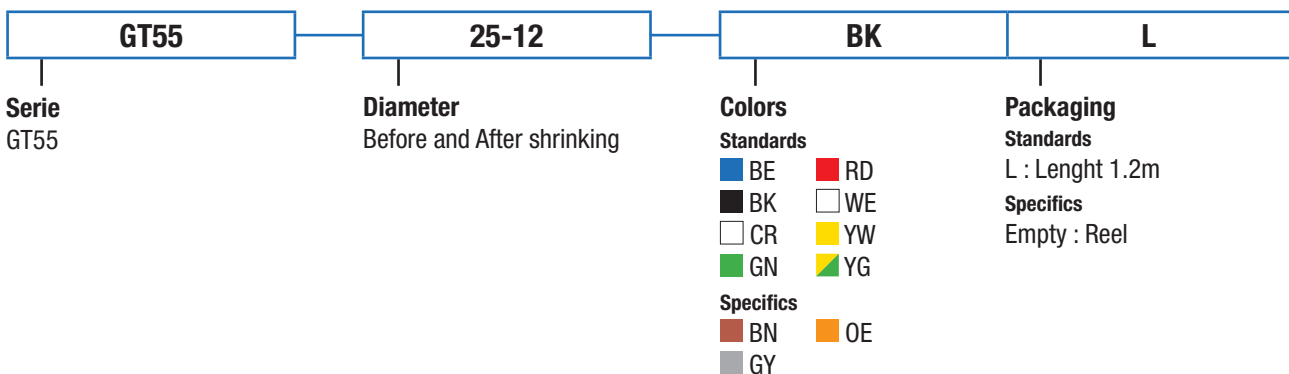


Specifications

Designation	Diameter Before Shrinking (D)		Diameter After Shrinking (d)		Wall thickness (W)	Packaging	
	mm	inch	mm	inch		Lenght 1.2m	Reel m
GT55-1.2-0.6XX	1.2	3/64"	0.6	1/32"	0.40	10 pcs	200 m
GT55-1.6-0.8XX	1.6	1/16"	0.8	1/32"	0.43	10 pcs	200 m
GT55-2-1XX	2.4	3/32"	1.2	3/64"	0.51	10 pcs	200 m
GT55-3-1XX	3.2	1/8"	1.6	1/16"	0.51	10 pcs	200 m
GT55-4-2XX	4.8	3/16"	2.4	3/32"	0.51	10 pcs	100 m
GT55-6-3XX	6.4	1/4"	3.2	1/8"	0.64	10 pcs	100 m
GT55-9-4XX	9.5	3/8"	4.8	3/16"	0.64	10 pcs	100 m
GT55-12-6XX	12.7	1/2"	6.4	1/4"	0.64	10 pcs	100 m
GT55-16-8XX	15.9	6 17/64"	8.0	5/16"	0.67	10 pcs	100 m
GT55-19-9XX	19.0	3/4"	9.5	3/8"	0.76	10 pcs	100 m
GT55-25-12XX	25.4	1"	12.7	1/2"	0.89	10 pcs	50 m
GT55-38-19XX	38.0	1 1/2"	19.0	3/4"	1.02	10 pcs	50 m
GT55-50-25XX	50.8	2"	25.4	1"	1.14	5 pcs	25 m

Replace "XX" by the color code and packaging.

Part number build



GT100

Features

- Heat shrinkable thin wall tubing in polyolefin and flame retardant. GT100 Series is suitable for multi-use (protection, identification and insulation). Available in Reel on demand for a use adapted to your needs.
- Shrink ratio : 2/1
- Shrink temperature : 100°C
- Operating temperature : -55°C / +135°C
- Standards : UL 224 125°C 600V VW1. RoHS
- Tensile strength : 14 Mpa
- Elongation : 400%
- Longitudinal change : ± 5%
- Dielectric strength : 20 kV/mm
- Elongation after ageing test : 350%
- Resistance after heat shock : 13 Mpa

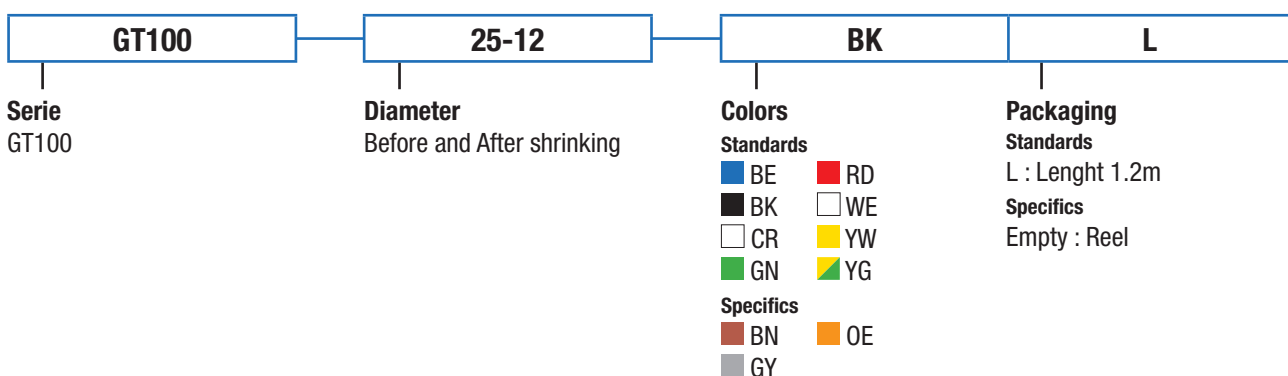


Specifications

Designation	Diameter Before Shrinking (D)		Diameter After Shrinking (d)		Wall thickness (W)	Packaging	
	mm	inch	mm	inch		Lenght 1.2m	Reel m
GT100-1.2-0.6XX	1.2	3/64"	0.6	1/32"	0.40	10 pcs	200 m
GT100-1.6-0.8XX	1.6	1/16"	0.8	1/32"	0.43	10 pcs	200 m
GT100-2-1XX	2.4	3/32"	1.2	3/64"	0.51	10 pcs	200 m
GT100-3-1XX	3.2	1/8"	1.6	1/16"	0.51	10 pcs	200 m
GT100-4-2XX	4.8	3/16"	2.4	3/32"	0.51	10 pcs	100 m
GT100-6-3XX	6.4	1/4"	3.2	1/8"	0.64	10 pcs	100 m
GT100-9-4XX	9.5	3/8"	4.8	3/16"	0.64	10 pcs	100 m
GT100-12-6XX	12.7	1/2"	6.4	1/4"	0.64	10 pcs	100 m
GT100-16-8XX	15.9	6 17/64"	8.0	5/16"	0.67	10 pcs	100 m
GT100-19-9XX	19.0	3/4"	9.5	3/8"	0.76	10 pcs	100 m
GT100-25-12XX	25.4	1"	12.7	1/2"	0.89	10 pcs	50 m
GT100-32-16XX	32.0	1 17/64"	16.0	5/8"	1.02	10 pcs	50 m
GT100-38-19XX	38.0	1 1/2"	19.0	3/4"	1.02	10 pcs	50 m
GT100-51-25XX	50.8	2"	25.4	1"	1.14	5 pcs	25 m
GT100-76-38XX	76.20	3"	38.1	1 1/2"	1.27	5 pcs	25 m
GT100-101-50XX	101.6	4"	50.8	2"	1.40	5 pcs	25 m

Replace "XX" by the color code and packaging.

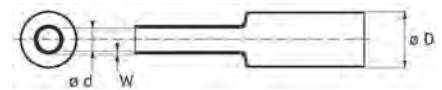
Part number build



GT300

Features

- Heat shrinkable thin wall tubing in polyolefin and flame retardant. GT300 Series is suitable for general use and ground connection identification. Available in Reel on demand for a use adapted to your needs.
- Shrink ratio : 3/1
- Shrink temperature : 100°C
- Operating temperature : -55°C / +135°C
- Standards : UL 224 125°C 600V VW1. RoHS
- Tensile strength : 14 Mpa
- Elongation : 800%
- Longitudinal change : ± 5%
- Dielectric strength : 20 kV/mm
- Elongation after ageing test : 350%
- Resistance after heat shock : 14 Mpa

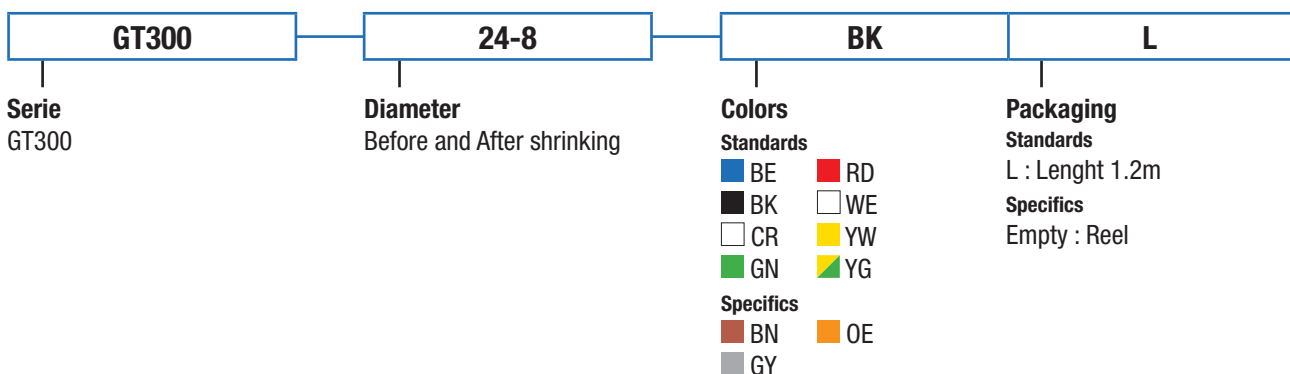


Specifications

Designation	Diameter Before Shrinking (D)		Diameter After Shrinking (d)		Wall thickness (W)	Packaging	
	mm	inch	mm	inch		Lenght 1.2m	Reel m
GT300-1.5-0.5XX	1.5	1/16"	0.5	1/64"	0.45	10 pcs	200 m
GT300-3-1XX	3.0	1/8"	1.0	3/64"	0.55	10 pcs	200 m
GT300-4-1XX	4.8	1 57/64"	1.6	5/8"	0.60	10 pcs	200 m
GT300-6-2XX	6.0	15/64"	2.0	5/64"	0.6	10 pcs	100 m
GT300-9-3XX	9.0	23/64"	3.0	1/8"	0.75	10 pcs	100 m
GT300-12-4XX	12.0	15/32"	4.0	5/32"	0.8	10 pcs	100 m
GT300-18-6XX	18.0	45/64"	6.0	15/64"	0.9	10 pcs	100 m
GT300-24-8XX	24.0	15/16"	8.0	5/16"	1.2	10 pcs	50 m
GT300-39-13XX	39.0	1 17/32"	13.0	33/64"	1.25	10 pcs	50 m

Replace "XX" by the color code and packaging.

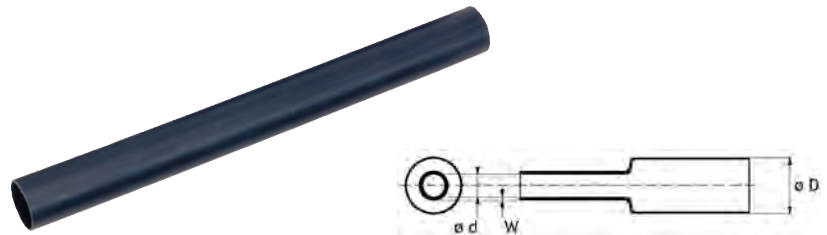
Part number build



GTA100

Features

- Heat shrinkable dual wall tubing in polyolefin. with adhesive. GTA100 Series is suitable for application that require waterproof protection. Available in Reel on demand for a use adapted to your needs.
- Shrink ratio : 3/1 - 4/1
- Shrink temperature : 125°C
- Operating temperature : -45°C / +125°C
- Standards : UL 224 125°C 600V VW1. RoHS
- Tensile strength : ≥ 10.4 Mpa
- Elongation : $\geq 200\%$
- Longitudinal change : $\pm 8\%$
- Dielectric strength : ≥ 15 kV/mm
- Elongation after ageing test : $\geq 100\%$
- Resistance after heat shock : ≥ 7.3 Mpa

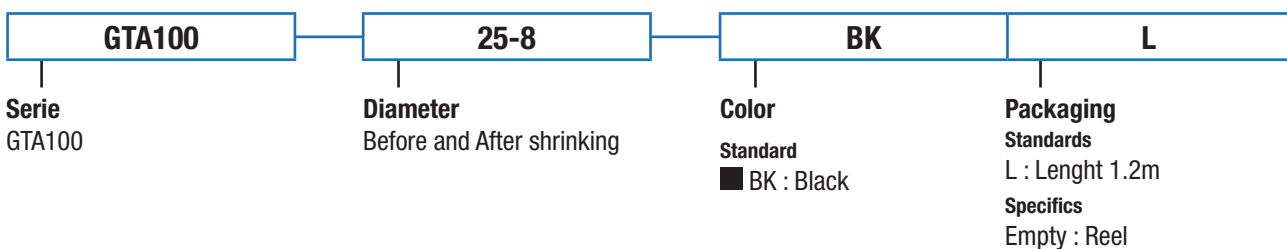


Specifications

Designation	Diameter Before Shrinking (D)		Diameter After Shrinking (d)		Wall thickness (W)	Packaging	
	mm	inch	mm	inch		Lenght 1.2m	Reel m
Shrink ratio 3/1							
GTA100-3-1XX	3.2	1/8"	1.0	3/64"	0.90	10 pcs	200 m
GTA100-4-1.6XX	4.8	3/16"	1.6	1/16"	1.05	10 pcs	100 m
GTA100-6-2XX	6.4	1/4"	2.2	3/32"	1.25	10 pcs	100 m
GTA100-9-3XX	9.5	3/8"	3.2	1/8"	1.45	10 pcs	50 m
GTA100-12-4XX	12.7	1/2"	4.2	11/64"	1.65	10 pcs	25 m
GTA100-19-6XX	19.1	3/4"	6.3	1/4"	1.95	10 pcs	25 m
GTA100-25-8XX	25.4	1"	8.5	21/64"	2.00	10 pcs	25 m
GTA100-39-13XX	39.0	1 17/32"	13.5	17/32"	2.45	10 pcs	25 m
Shrink ratio 4/1							
GTA100-4-1XX	4.0	5/32"	1.0	3/64"	1.05	10 pcs	200 m
GTA100-8-2XX	8.0	5/16"	2.0	5/64"	1.55	10 pcs	100 m
GTA100-12-3XX	12.0	15/32"	3.0	1/8"	1.75	10 pcs	25 m
GTA100-16-4XX	16.0	5/8"	4.0	5/32"	2.00	10 pcs	25 m
GTA100-24-6XX	24.0	15/16"	6.0	15/64"	2.60	10 pcs	25 m
GTA100-32-8XX	32.0	1 17/64"	8.0	5/16"	3.00	10 pcs	25 m
GTA100-52-13XX	52.0	2 3/64"	13.0	33/64"	3.35	10 pcs	25 m

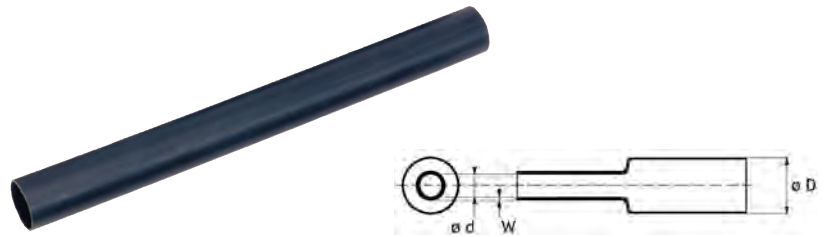
Replace "XX" by the color code and packaging.

Part number build



Features

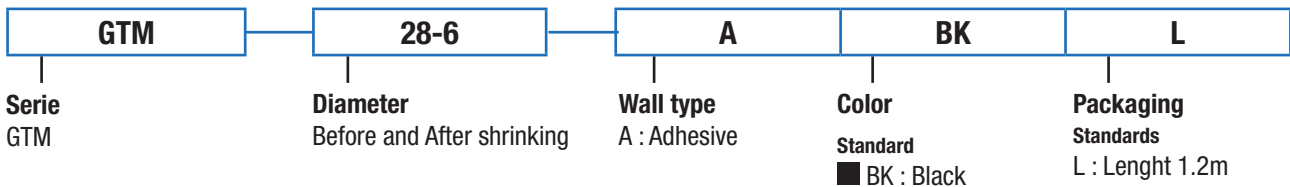
- Heat shrinkable medium wall tubing in polyolefin, with adhesive. GTM Series is suitable for protection and insulation of low voltage cables and connections. Only available in Length of 1.2m for a use adapted to your needs.
- Shrink ratio : 3/1
- Shrink temperature : 125°C
- Operating temperature : -45°C / +110°C
- Standards : UL 224 125°C 600V VW1. RoHS
- Tensile strength : ≥ 12 Mpa
- Elongation : $\geq 300\%$
- Longitudinal change : $\pm 10\%$
- Dielectric strength : ≥ 20 kV/mm
- Elongation after ageing test : $\geq 200\%$
- Resistance after heat shock : ≥ 8.4 Mpa



Specifications

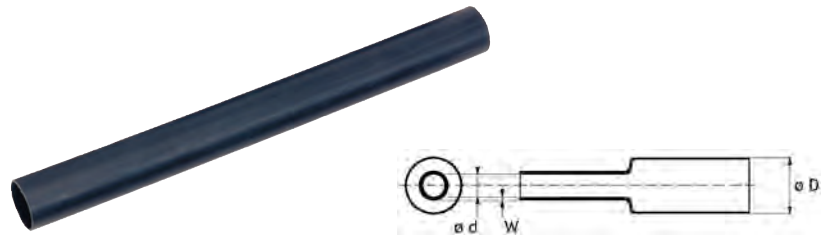
Designation	Diameter Before Shrinking (D)		Diameter After Shrinking (d)		Wall thickness (W)	Packaging Lenght 1.2m
	mm	inch	mm	inch	mm	
GTM-10-3ABKL	10.2	13/32"	3.0	1/8"	1.40	5 pcs
GTM-19-5ABKL	19.1	3/4"	5.6	7/32"	1.80	5 pcs
GTM-28-6ABKL	28.0	1 7/64"	6.0	15/64"	2.40	5 pcs
GTM-33-8ABKL	33.0	1 19/64"	8.0	5/16"	2.40	5 pcs
GTM-38-12ABKL	38.1	1 1/2"	12.0	15/32"	2.40	5 pcs
GTM-43-12ABKL	43.2	1 45/64"	12.7	1/2"	2.40	5 pcs
GTM-56-16ABKL	56.0	2 13/64"	16.0	5/8"	2.40	5 pcs
GTM-75-22ABKL	75.0	2 61/64"	22.0	55/64"	2.90	5 pcs

Part number build



Features

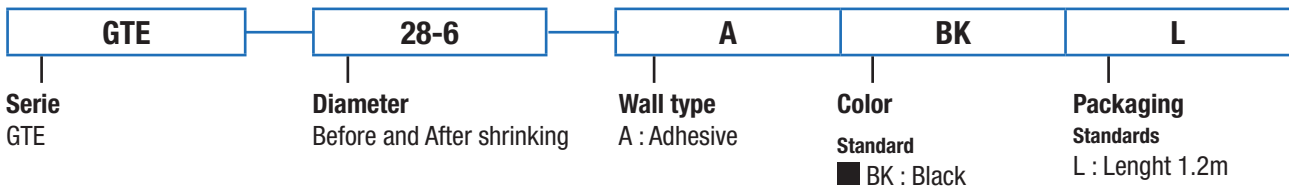
- Heat shrinkable thick wall tubing in polyolefin cross-linked. with adhesive. GTE Series is suitable for protection with better insulation and mechanical resistance of low voltage cables and connections. Only available in Length of 1.2m for a use adapted yo your needs.
- Shrink ratio : 3/1
- Shrink temperature : 125°C
- Operating temperature : -45°C / +110°C
- Standards : UL 224 125°C 600V VW1. RoHS
- Tensile strength : 15 Mpa
- Elongation : 450%
- Longitudinal change : ± 10%
- Dielectric strength : 20 kV/mm
- Elongation after ageing test : 350%
- Resistance after heat shock : 12.5 Mpa



Specifications

Designation	Diameter Before Shrinking (D)		Diameter After Shrinking (d)		Wall thickness (W)	Packaging Lenght 1.2m
	mm	inch	mm	inch	mm	
GTE-9-3ABKL	9.0	23/64"	3.0	1/8"	2.00	5 pcs
GTE-13-4ABKL	13.0	33/64	4.0	5/32"	2.30	5 pcs
GTE-22-6ABKL	22.0	55/64"	6.0	15/64	2.50	5 pcs
GTE-28-6ABKL	28.0	1 7/64"	6.0	15/64"	2.70	5 pcs
GTE-38-12ABKL	38.1	1 1/2"	12.0	15/32"	2.80	5 pcs
GTE-55-16ABKL	55.0	2 11/64"	16.0	5/8"	3.10	5 pcs
GTE-75-22ABKL	75.0	2 61/64"	22.0	55/64"	3.60	5 pcs
GTE-95-30ABKL	95.0	3 47/64"	30.0	1 3/16"	3.60	5 pcs
GTE-120-40ABKL	120.0	4 23/32"	40.0	1 37/64"	3.80	5 pcs

Part number build







Connecting Solutions



MECATRACTION
ZA Les Hauts de Chignac – 19230 POMPADOUR – France
Phone : +33(0)5 55 73 89 89 - Fax- : +33(0)5 55 73 32 21
E-mail : info@mecatraction.com
www.mecatraction.com

