



METALLIC FLEXIBLE CONDUIT

KEIFLEX®

ケイフレックス



ケイフレックス

1. Flexible conduit - suitable for Continuous flexing cycles
Type KPF, KCS, KPFB, KPBF
2. Flexible conduit - Oil resistant
Type KMS, KPF, KCS, KPFB, KPBF
3. Flexible conduit - UL / CSA
Type KUU (for UL standard), KCS (for CSA standard)
4. Flexible conduit - Braided shield - Solution for EMC
Type KMB, KIB, KPFB, KPBF
5. Flexible conduit - Designed for Nuclear power plant installation
Type KIH

CONTENTS

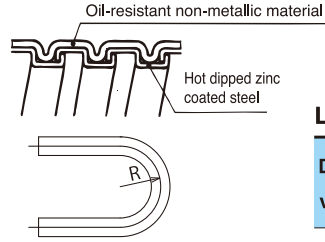
KEIFLEX

<p>KMS (For Machinery)</p> <p>MAS -20°C~60°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Machinery <input type="checkbox"/> Fixed installation <input type="checkbox"/> Oil-resistant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Wave type <p>Page 9</p>	<p>KIH (Heat resistant)</p> <p>MAS -20°C~105°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Nuclear power plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Heat-resistant/Flame retardant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Smooth finish <p>Page 12</p>
<p>KMV (For plant installation)</p> <p>MAS -20°C~60°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Weather-resistant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Wave type <p>Page 11</p>	<p>KMB (Metallic Braided shield / Squire lock structure)</p> <p>MAS -50°C~150°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Machinery/Plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Solution for Electrical noise <input type="checkbox"/> Spatter resistant <input type="checkbox"/> Non-water resistant <p>Page 13</p>
<p>KPF (For Machinery)</p> <p>MAS -5°C~60°C</p> <p>#10~#54 #70~#104</p> <ul style="list-style-type: none"> <input type="checkbox"/> Machinery <input type="checkbox"/> Continuous flexing cycles <input type="checkbox"/> Oil-resistant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Smooth finish <p>Page 9</p>	<p>KIB (Metallic Braided shield / Inter lock structure)</p> <p>MAS -50°C~150°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Machinery/Plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Solution for Electrical noise <input type="checkbox"/> Spatter-resistant <input type="checkbox"/> Tensile strength <input type="checkbox"/> Non-water-resistant <p>Page 13</p>
<p>KIV (For plant installation)</p> <p>MAS -30°C~90°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Weather-resistant / Heat resistant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Smooth finish <p>Page 11</p>	<p>KPFB (PVC inner cover / Outer Metallic Braided shield)</p> <p>MAS -5°C~60°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Machinery/Plant installation <input type="checkbox"/> Continuous flexing cycles <input type="checkbox"/> Solution for Electrical noise <input type="checkbox"/> Spatter-resistant <input type="checkbox"/> Oil-resistant <input type="checkbox"/> Water-resistant <p>Page 14</p>
<p>KUU (UL Listed)</p> <p>MAS -20°C~60°C</p> <p>#12~#36 #42~#104</p> <ul style="list-style-type: none"> <input type="checkbox"/> UL Listed <input type="checkbox"/> Fixed installation <input type="checkbox"/> Weather-resistant / Flame retardant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Smooth finish <p>Page 10</p>	<p>KPBF (PVC outer cover / Inner Copper Braided shield)</p> <p>MAS -5°C~60°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Machinery <input type="checkbox"/> Continuous flexing cycles <input type="checkbox"/> Solution for earth <input type="checkbox"/> Solution for Electrical noise <input type="checkbox"/> Oil-resistant <input type="checkbox"/> Smooth finish <p>Page 14</p>
<p>KCS (CSA)</p> <p>MAS -20°C~60°C</p> <p>#12~#36 #42~#104</p> <ul style="list-style-type: none"> <input type="checkbox"/> CSA <input type="checkbox"/> Continuous flexing cycles (KCS12 ~ KCS36 only) <input type="checkbox"/> Flame retardant <input type="checkbox"/> Oil-resistant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Smooth finish <p>Page 10</p>	<p>KM / KI (Non-outer cover type)</p> <p>MAS -50°C~150°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Non-outer cover type <input type="checkbox"/> Machinery/Plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Non-water-resistant <p>Page 15</p>
<p>KIC (Weather / Cold resistant)</p> <p>MAS -40°C~60°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Outdoor installation <input type="checkbox"/> Weather-resistant / cold-resistant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Smooth finish <p>Page 12</p>	<p>KMS (Smaller outside dia)</p> <p>MAS -20°C~60°C</p> <ul style="list-style-type: none"> <input type="checkbox"/> Smaller outside dia <input type="checkbox"/> Machinery/Plant installation <input type="checkbox"/> Fixed installation <input type="checkbox"/> Oil-resistant <input type="checkbox"/> Water-resistant <input type="checkbox"/> Wave type <p>Page 15</p>

KEIFLEX - OIL RESISTANT / FIXED INSTALLATION

COLOR	COLOR	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Black	Light gray	IP67	High Oil resistance	RoHS	Lowest -20 °C ~ Highest 60°C	Fixed installation

Type KMS



LONGER COIL LENGTH

Delivery	Item number		M per coil
	Black	Light gray	
○	KMS 10 50	50	
○	KMS 12 50	50	
○	KMS 16 50	50	
○	KMS 22 50	50	
○	KMS 28 50	50	
○	KMS 36 50	50	
5	KMS 42 50	50	
5	KMS 54 30	30	

NOTE: Suitable for fixed installation

- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated
- Designed for machine tools
- Must be used for cables
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES / K2 SERIES

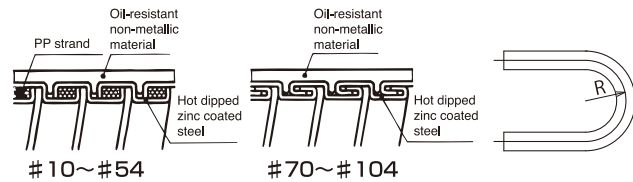
- For environments where oil resistance is NOT so important, KEIFLEX KMV (Suitable for fixed installation / good cost performance) is recommended
- For Continuous flexing cycles, choose KEIFLEX KPF
- Should the outside diameter(13mm or smaller) * is required, refer to the page for SMALLER OUTSIDE DIA KEIFLEX

Delivery		Item number		Inch	Min. inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Connectable thread				Weight (kg)		M per coil
Black	Light gray	Black	Light gray					G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
○	○	KMS 10	KMS 10 LG	1/4	10.0	15.2	20	—	M20	Pg9	—	0.21	6.2	30
○	○	KMS 12	KMS 12 LG	3/8	12.3	17.7	25	—	M20	Pg11	—	0.24	7.2	30
○	○	KMS 16	KMS 16 LG	1/2	15.8	21.1	35	G1/2 (CTG16)	M20	Pg16/Pg13.5	CTC19	0.29	8.6	30
○	○	KMS 22	KMS 22 LG	3/4	20.8	26.4	40	G3/4 (CTG22)	M25	Pg21	CTC25	0.42	8.5	20
○	○	KMS 28	KMS 28 LG	1	26.4	33.2	70	G1 (CTG28)	M32	Pg29	CTC31	0.58	11.7	20
○	○	KMS 36	KMS 36 LG	1-1/4	35.0	42.0	70	G1-1/4(CTG36)	M40	Pg36	CTC39	0.77	11.6	15
○	○	KMS 42	KMS 42 LG	1-1/2	40.0	47.7	100	G1-1/2(CTG42)	M50	Pg42	CTC51	1.14	17.1	15
○	○	KMS 54	KMS 54 LG	2	51.3	59.7	175	G2 (CTG54)	M63	Pg48	CTC63	1.25	12.5	10
○	○	KMS 70	KMS 70 LG	2-1/2	63.0	72.5	200	G2-1/2(CTG70)	—	—	CTC75	1.42	14.2	10
○	○	KMS 82	KMS 82 LG	3	78.0	88.4	225	G3 (CTG82)	—	—	—	1.80	18.0	10

KEIFLEX - OIL RESISTANT / CONTINUOUS FLEXING CYCLES

COLOR	COLOR	FEATURE	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Black	Light gray	IP67	High Oil resistance	Hold up to enormous repeated flexing	RoHS	Lowest -5 °C ~ Highest 60°C	Continuous flexing cycle

Type KPF



NOTE: Suitable for Continuous flexing cycles (KPF10 ~ KPF54 only)
NOTE: Suitable for fixed installation (KPF70~KPF104 only)

- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated
- Must be used for cables

- Cables must be reasonably slack so that they are loose and not firmly stretched or tightly in position inside KEIFLEX
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES / K2 SERIES
- Available on request : Brown (for the specification for the Japanese traffic lights. Contact us if it is required)
- For environments where oil resistance is NOT so important, KEIFLEX KIV (Suitable for fixed installation / good cost performance) is recommended

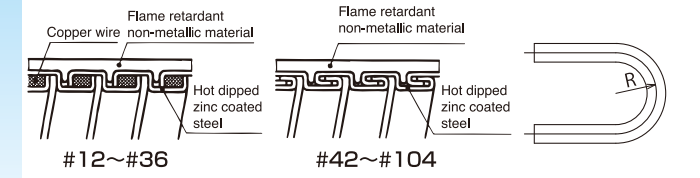
Delivery		Item number		Inch	Min. inside dia.	Outside dia.	Min Bend Radius R		Connectable thread				Weight (kg)		M per coil
Black	Light gray	Black	Light gray				For fixed installation	For flexing cycle	G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
○	○	KPF 10	KPF 10 LG	1/4	10.0	15.2	35	80	—	M20	Pg9	—	0.27	8.1	30
○	○	KPF 12	KPF 12 LG	3/8	12.3	17.7	45	90	—	M20	Pg11	—	0.32	9.5	30
○	○	KPF 16	KPF 16 LG	1/2	15.8	21.1	50	110	G1/2 (CTG16)	M20	Pg16/Pg13.5	CTC19	0.40	12.0	30
○	○	KPF 22	KPF 22 LG	3/4	20.8	26.4	60	140	G3/4 (CTG22)	M25	Pg21	CTC25	0.54	10.7	20
○	○	KPF 28	KPF 28 LG	1	26.4	33.2	75	170	G1 (CTG28)	M32	Pg29	CTC31	0.82	16.4	20
○	○	KPF 36	KPF 36 LG	1-1/4	35.0	42.0	110	210	G1-1/4 (CTG36)	M40	Pg36	CTC39	1.05	15.7	15
○	○	KPF 42	KPF 42 LG	1-1/2	40.0	47.7	150	250	G1-1/2 (CTG42)	M50	Pg42	CTC51	1.35	20.2	15
○	○	KPF 54	KPF 54 LG	2	51.3	59.7	250	450	G2 (CTG54)	M63	Pg48	CTC63	1.73	17.3	10
○	○	KPF 70	KPF 70 LG	2-1/2	63.0	72.5	300	600	G2-1/2 (CTG70)	—	—	CTC75	2.75	27.5	10
○	○	KPF 82	KPF 82 LG	3	78.0	88.4	350	700	G3 (CTG82)	—	—	—	3.94	39.4	10
○	確	KPF 92	KPF 92 LG	3-1/2	88.9	101.1	500	1,000	G3-1/2 (CTG92)	—	—	—	4.84	29.0	6
○	確	KPF 104	KPF104LG	4	101.6	113.8	600	1,200	G4 (CTG104)	—	—	—	5.50	33.0	6

Contact us for information of product availability and delivery

KEIFLEX - UL / FLAME RETARDANT / FIXED INSTALLATION

COLOR	COLOR	FEATURE	ENVIRONMENT	FLAMMABILITY	TEMPERATURE RANGE	USE
Black	Light gray	IP67	RoHS	Flame retardant	Lowest -20 °C ~ Highest 60°C	Fixed installation

Type KUU



NOTE: Suitable for fixed installation

- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated
- Copper wire is used in the structure which can be used as Earth (KUU12 ~ KUU36 only)

- UL Listed - UL360 「Liquid-Tight Flexible Steel Conduit」
- Must be used for UL standard required cables
- Connectable fitting: KM SERIES which complies with UL standard

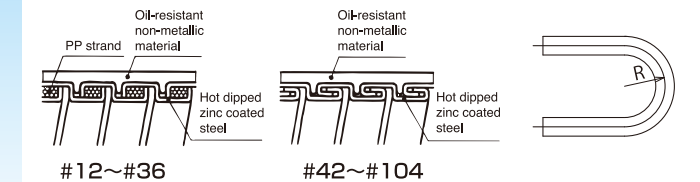


Delivery		Item number		Inch	Min. inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Connectable thread				Weight (kg)		M per coil
Black	Light gray	Black	Light gray					G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
○	○	KUU 12	KUU 12 LG	3/8	12.3	17.7	70	—	M20	—	—	0.49	14.7	30
○	○	KUU 16	KUU 16 LG	1/2	15.8	21.1	100	G1/2 (CTG16)	M20	NPT1/2	CTC19	0.59	17.7	30
○	○	KUU 22	KUU 22 LG	3/4	20.8	26.4	130	G3/4 (CTG22)	M25	NPT3/4	CTC25	0.74	14.8	20
○	○	KUU 28	KUU 28 LG	1	26.4	33.2	200	G1 (CTG28)	M32	NPT1	CTC31	1.27	25.4	20
○	○	KUU 36	KUU 36 LG	1-1/4	35.0	42.0	240	G1-1/4(CTG36)	M40	NPT1-1/4	CTC39	1.78	26.7	15
○	○	KUU 42	KUU 42 LG	1-1/2	40.0	47.7	270	G1-1/2(CTG42)	M50	NPT1-1/2	CTC51	1.5	22.5	15
○	○	KUU 54	KUU 54 LG	2	51.3	59.7	320	G2 (CTG54)	M63	NPT2	CTC63	2.0	20.0	10
○	確	KUU 70	KUU 70 LG	2-1/2	63.0	72.5	430	G2-1/2(CTG70)	—	NPT2-1/2	CTC75	3.13	31.3	10
確	確	KUU 82	KUU 82 LG	3	78.0	88.4	500	G3 (CTG82)	—	NPT3	—	4.48	44.8	10
確	確	KUU 92	KUU 92 LG	3-1/2	88.9	101.1	580	G3-1/2(CTG92)	—	NPT3-1/2	—	4.56	27.4	6
確	確	KUU 104	KUU 104 LG	4	101.6	113.8	700	G4 (CTG104)	—	NPT4	—	4.86	29.2	6

KEIFLEX - CSA / OIL RESISTANT / CONTINUOUS FLEXING CYCLES

COLOR	COLOR	FEATURE	ENVIRONMENT	FLAMMABILITY	TEMPERATURE RANGE	USE
Black	Light gray	IP67	RoHS	Flame retardant	Lowest -20 °C ~ Highest 60°C	Continuous flexing cycle

Type KCS



NOTE: Can be used for Continuous flexing cycles (KCS12 ~ KCS36 only)
NOTE: Suitable for fixed installation (KCS42 ~ KCS104 only)

- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated

- Comply with CSA C22.2No.56 「Flexible Metal Conduits and Liquid Tight Flexible Metal Conduit」
- PP strand is used in the structure (KCS12 ~ KCS36 only)
- Must be used for CSA standard required cables
- Connectable fitting: KM SERIES which complies with CSA standard



Delivery		Item number		Inch	Min. inside dia.	Outside dia.	Min Bend Radius R		Connectable thread				Weight (kg)		M per coil
Black	Light gray	Black	Light gray				For fixed installation	For flexing cycle	G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
○	○	KCS 12	KCS 12 LG	3/8	12.3	17.7	60	120	—	M20	—	—	0.38	11.4	30
○	○	KCS 16	KCS 16 LG	1/2	15.8	21.1	70	140	G1/2 (CTG16)	M20	NPT1/2	CTC19	0.51	15.4	30
○	○	KCS 22	KCS 22 LG	3/4	20.8	26.4	80	160	G3/4 (CTG22)	M25	NPT3/4	CTC25	0.65	13.0	20
○	○	KCS 28	KCS 28 LG	1	26.4	33.2	100	200	G1 (CTG28)	M32	NPT1	CTC31	0.99	19.8	20
○	○	KCS 36	KCS 36 LG	1-1/4	35.0	42.0	130	260	G1-1/4(CTG36)	M40	NPT1-1/4	CTC39	1.27	19.0	15
○	○	KCS 42	KCS 42 LG	1-1/2	40.0	47.7	200	400	G1-1/2(CTG42)	M50	NPT1-1/2	CTC51	1.52	22.8	15
○	○	KCS 54	KCS 54 LG	2	51.3	59.7	280	560	G2 (CTG54)	M63	NPT2	CTC63	2.00	20.0	10
○	確	KCS 70	KCS 70 LG	2-1/2	63.0	72.5	350	700	G2-1/2(CTG70)	—	NPT2-1/2	CTC75	2.75	27.5	10
確	確	KCS 82	KCS 82 LG	3	78.0	88.4	400	800	G3 (CTG82)	—	NPT3	—	3.25	32.5	10
確	確	KCS 92	KCS 92 LG	3-1/2	88.9	101.1	490	1,000	G3-1/2(CTG92)	—	NPT3-1/2	—	3.75	22.5	6
確	確	KCS 104	KCS 104 LG	4	101.6	113.8	560	1,200	G4 (CTG104)	—	NPT4	—	4.38	26.2	6

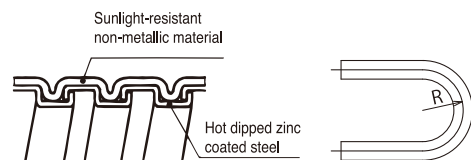
Contact us for information of product availability and delivery

KEIFLEX - WEATHER RESISTANT / PLANT INSTALLATION

COLOR	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Black	IP67	Limited water resistance	RoHS	Lowest -20 °C ~ Highest 60°C	Fixed installation

Type KMV

MAS



NOTE: Suitable for fixed installation

- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated
- Good cost performance
- Designed for machinery and plant installation
- Must be used for cables
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES / K2 SERIES
- When the tensile strength is important, choose KEIFLEX KIV
- For environments where oil resistance is important, KEIFLEX KMS is recommended

LONGER COIL LENGTH

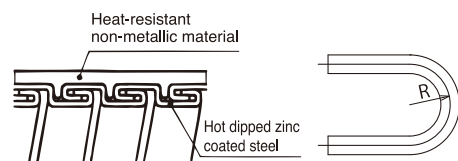
Delivery	Item number	Inch	Min. inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Connectable thread				Weight (kg)		M per coil
						G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
☐	KMV 10	1/4	10.0	15.2	20	—	M20	Pg9	—	0.21	6.2	30
○	KMV 12	3/8	12.3	17.7	25	—	M20	Pg11	—	0.24	7.2	30
○	KMV 16	1/2	15.8	21.1	35	G1/2 (CTG16)	M20	Pg16/13	CTC19	0.29	8.6	30
○	KMV 22	3/4	20.8	26.4	40	G3/4 (CTG22)	M25	Pg21	CTC25	0.42	8.5	20
○	KMV 28	1	26.4	33.2	70	G1 (CTG28)	M32	Pg29	CTC31	0.58	11.7	20
○	KMV 36	1-1/4	35.0	42.0	70	G1-1/4 (CTG36)	M40	Pg36	CTC39	0.77	11.6	15
○	KMV 42	1-1/2	40.0	47.7	100	G1-1/2 (CTG42)	M50	Pg42	CTC51	1.14	17.1	15
○	KMV 54	2	51.3	59.7	175	G2 (CTG54)	M63	Pg48	CTC63	1.25	12.5	10
○	KMV 70	2-1/2	63.0	72.5	200	G2-1/2 (CTG70)	—	—	CTC75	1.42	14.2	10
○	KMV 82	3	78.0	88.4	225	G3 (CTG82)	—	—	—	1.80	18.0	10

Delivery	Item number	M per coil
○	KMV 12 50	50
○	KMV 16 50	50
○	KMV 22 50	50
○	KMV 28 50	50
☐	KMV 36 50	50
☐	KMV 42 50	50
☐	KMV 54 30	30

KEIFLEX - WEATHER RESISTANT / PLANT INSTALLATION

COLOR	FEATURE	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Black	IP67	Heat resistance	Limited water resistance	RoHS	Lowest -30 °C ~ Highest 90°C	Fixed installation

Type KIV



NOTE: Suitable for fixed installation

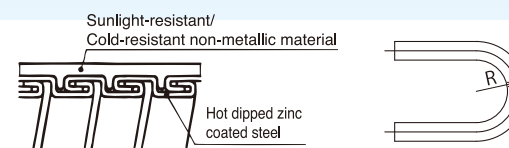
- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated
- Designed for machinery and plant installation
- Good performance in environments where the tensile strength is required
- Excellent performance when used in S / U shape
- Hold up to repeated shakes
- Must be used for cables
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES / K2 SERIES
- For environments where oil resistance is important, KEIFLEX KPF is recommended
- For environments where cold resistance is important, KEIFLEX KIC is recommended
- For environments where heat resistance is important, KEIFLEX KIH is recommended

Delivery	Item number	Inch	Min. inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Connectable thread				Weight (kg)		M per coil
						G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
○	KIV 12	3/8	12.3	17.7	70	—	M20	Pg11	—	0.32	9.5	30
○	KIV 16	1/2	15.8	21.1	80	G1/2 (CTG16)	M20	Pg16/Pg13.5	CTC19	0.40	12.0	30
○	KIV 22	3/4	20.8	26.4	100	G3/4 (CTG22)	M25	Pg21	CTC25	0.54	10.7	20
○	KIV 28	1	26.4	33.2	120	G1 (CTG28)	M32	Pg29	CTC31	0.82	16.4	20
○	KIV 36	1-1/4	35.0	42.0	160	G1-1/4 (CTG36)	M40	Pg36	CTC39	1.05	15.7	15
○	KIV 42	1-1/2	40.0	47.7	200	G1-1/2 (CTG42)	M50	Pg42	CTC51	1.35	20.2	15
○	KIV 54	2	51.3	59.7	280	G2 (CTG54)	M63	Pg48	CTC63	1.73	17.3	10
○	KIV 70	2-1/2	63.0	72.5	350	G2-1/2 (CTG70)	—	—	CTC75	—	—	10
○	KIV 82	3	78.0	88.4	400	G3 (CTG82)	—	—	—	—	—	10
☐	KIV 92	3-1/2	88.9	101.1	500	G3-1/2 (CTG92)	—	—	—	—	—	6
○	KIV 104	4	101.6	113.8	600	G4 (CTG104)	—	—	—	—	—	6

KEIFLEX - COLD RESISTANT / OUTDOOR INSTALLATION / FIXED INSTALLATION

COLOR	FEATURE	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Black	IP67	Cold resistance	Limited water resistance	RoHS	Lowest -40 °C ~ Highest 60°C	Fixed installation

Type KIC



NOTE: Suitable for fixed installation

- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated
- Resistant to sunlight and cold temperature
- Must be used for cables
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES / K2 SERIES

Delivery	Item number	Inch	Min. inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Connectable thread			Weight (kg)		M per coil
						G Thread	Metric Thread	CTC Thread	Per M	Per coil	
○	KIC 12	3/8	12.3	17.7	70	—	M20	—	0.37	11.0	30
○	KIC 16	1/2	15.8	21.1	80	G1/2 (CTG16)	M20	CTC19	0.51	15.2	30
○	KIC 22	3/4	20.8	26.4	100	G3/4 (CTG22)	M25	CTC25	0.67	13.4	20
○	KIC 28	1	26.4	33.2	120	G1 (CTG28)	M32	CTC31	0.90	18.0	20
○	KIC 36	1-1/4	35.0	42.0	160	G1-1/4 (CTG36)	M40	CTC39	1.15	17.2	15
○	KIC 42	1-1/2	40.0	47.7	200	G1-1/2 (CTG42)	M50	CTC51	1.53	22.9	15
○	KIC 54	2	51.3	59.7	280	G2 (CTG54)	M63	CTC63	1.95	19.5	10
○	KIC 70	2-1/2	63.0	72.5	350	G2-1/2 (CTG70)	—	CTC75	2.83	28.3	10
○	KIC 82	3	78.0	88.4	400	G3 (CTG82)	—	—	4.14	41.4	10
☐	KIC 92	3-1/2	88.9	101.1	500	G3-1/2 (CTG92)	—	—	4.12	24.7	6
○	KIC 104	4	101.6	113.8	600	G4 (CTG104)	—	—	5.53	33.2	6
☐	KIC 130	5	126.4	140.6	700	G5	—	—	6.15	36.9	6

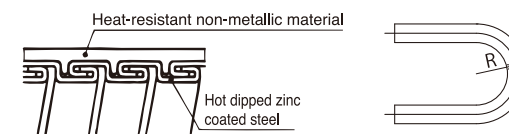
KEIFLEX - HEAT RESISTANT / FIXED INSTALLATION

COLOR	FEATURE	FEATURE	FEATURE	ENVIRONMENT	FLAMMABILITY	TEMPERATURE RANGE	USE
Black	IP67	Heat resistance	Radiation resistance	RoHS	High flame retardant	Lowest -20 °C ~ Highest 105°C	Fixed installation

Type KIH



Designed for nuclear power plant installation



NOTE: Suitable for fixed installation

- Flexible conduit
- Hot dipped zinc coated steel
- PVC coated
- Inter lock structure
- Designed for nuclear power plant installation, fossil fuel power plant installation, hydraulic power plant installation
- Must be used for cables
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES / K2 SERIES, K SERIES

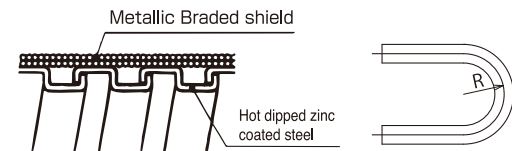
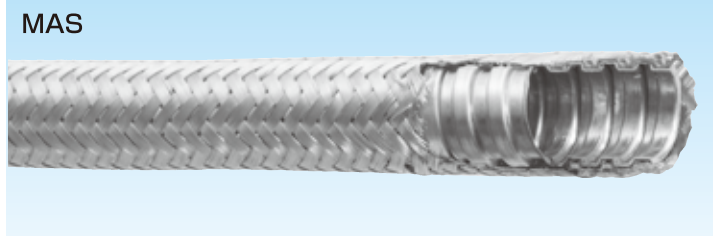
Delivery	Item number	Inch	Min. inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Connectable thread			Weight (kg)		M per coil
						G Thread	Metric Thread	CTC Thread	Per M	Per coil	
○	KIH 12	3/8	12.3	17.7	70	—	M20	—	0.42	12.6	30
○	KIH 16	1/2	15.8	21.1	80	G1/2 (CTG16)	M20	CTC19	0.51	15.4	30
○	KIH 22	3/4	20.8	26.4	100	G3/4 (CTG22)	M25	CTC25	0.67	13.4	20
○	KIH 28	1	26.4	33.2	120	G1 (CTG28)	M32	CTC31	0.89	17.8	20
○	KIH 36	1-1/4	35.0	42.0	160	G1-1/4 (CTG36)	M40	CTC39	1.14	17.1	15
○	KIH 42	1-1/2	40.0	47.7	200	G1-1/2 (CTG42)	M50	CTC51	1.61	24.1	15
○	KIH 54	2	51.3	59.7	280	G2 (CTG54)	M63	CTC63	2.05	20.5	10
○	KIH 70	2-1/2	63.0	72.5	350	G2-1/2 (CTG70)	—	CTC75	2.88	28.8	10
○	KIH 82	3	78.0	88.4	400	G3 (CTG82)	—	—	4.27	42.7	10
☐	KIH 92	3-1/2	88.9	101.1	500	G3-1/2 (CTG92)	—	—	5.50	33.0	6
○	KIH 104	4	101.6	113.8	600	G4 (CTG104)	—	—	4.77	28.6	6
☐	KIH 130	5	126.4	140.6	700	G5	—	—	6.15	36.9	6

Contact us for information of product availability and delivery

KEIFLEX - BRAIDED SHIELD / SOLUTION FOR ELECTRICAL NOISE / FIXED INSTALLATION

FEATURE	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Non-water resistance	EMI	Spatter resistance	RoHS	Lowest -50 °C ~ Highest 150°C	Fixed installation

Type KMB



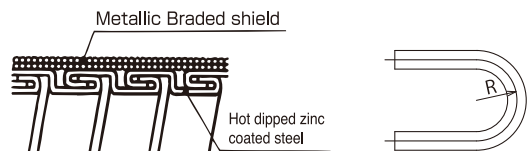
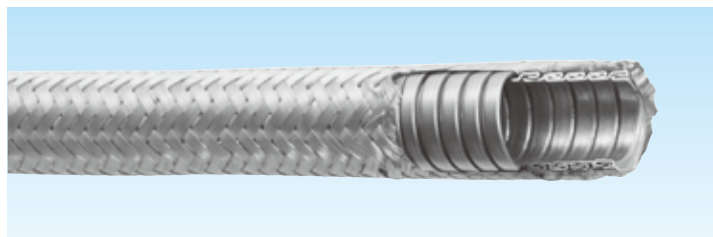
- NOTE: Suitable for fixed installation
- Flexible conduit
 - Hot dipped zinc coated steel
 - Metallic Braided shield
 - Suitable for high temperature environments / places where welding takes place
 - Solution for Electrical noise
 - Note: KEIFLEX KMB is UNSUITABLE for twisting movement.
 - Heat-resistant cables shall be inserted in high temperature environments
 - Must be used for cables
 - NOTE: IV wires must NOT be used
 - Connectable fitting: KM SERIES / K2 SERIES / KB SERIES
 - NOTE: Fitting KB SERIES must be chosen when heat resistance/higher tensile strength are required

Delivery	Item number	Inch	Min.inside dia.	Outside dia.	Min Bend Radius R		Connectable thread				Weight (kg)		M per coil
					For fixed installation	Super slow flexing cycle	G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
○	KMB 10	1/4	10.0	15.0	20	40	—	M20	Pg9	—	0.26	7.8	30
○	KMB 12	3/8	12.3	17.4	25	50	—	M20	Pg11	—	0.34	10.2	30
○	KMB 16	1/2	15.8	20.8	35	50	G1/2 (CTG16)	M20	Pg16/Pg13.5	CTC19	0.39	11.7	30
○	KMB 22	3/4	20.8	26.0	40	60	G3/4 (CTG22)	M25	Pg21	CTC25	0.55	11.0	20
○	KMB 28	1	26.4	32.7	70	90	G1 (CTG28)	M32	Pg29	CTC31	0.79	15.7	20
○	KMB 36	1-1/4	35.0	41.4	70	90	G1-1/4 (CTG36)	M40	Pg36	CTC39	1.02	15.3	15
○	KMB 42	1-1/2	40.0	47.3	100	120	G1-1/2 (CTG42)	M50	Pg42	CTC51	1.11	16.7	15
○	KMB 54	2	51.3	58.6	175	200	G2 (CTG54)	M63	Pg48	CTC63	1.53	15.3	10
○	KMB 70	2-1/2	63.0	71.7	200	250	G2-1/2 (CTG70)	—	—	CTC75	1.77	17.7	10
○	KMB 82	3	78.0	88.1	225	280	G3 (CTG82)	—	—	—	2.41	24.1	10

KEIFLEX - BRAIDED SHIELD / SOLUTION FOR ELECTRICAL NOISE / FIXED INSTALLATION

FEATURE	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Non-water resistance	EMI	Spatter resistance	RoHS	Lowest -50 °C ~ Highest 150°C	Fixed installation

Type KIB



- NOTE: Suitable for fixed installation
- Flexible conduit
 - Hot dipped zinc coated steel
 - Metallic Braided shield
 - Suitable for high temperature environments / places where welding takes place.
 - Good performance in environments where the tensile strength is required
 - Solution for Electrical noise
 - Heat-resistant cables shall be inserted in high temperature environments
 - Must be used for cables
 - NOTE: IV wires must NOT be used
 - Connectable fitting: KM SERIES / K2 SERIES / KB SERIES
 - NOTE: Fitting KB SERIES must be chosen when heat resistance/higher tensile strength are required

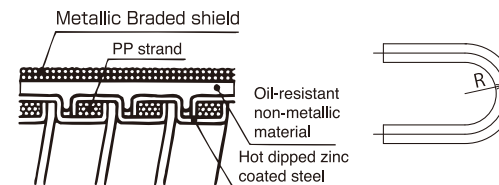
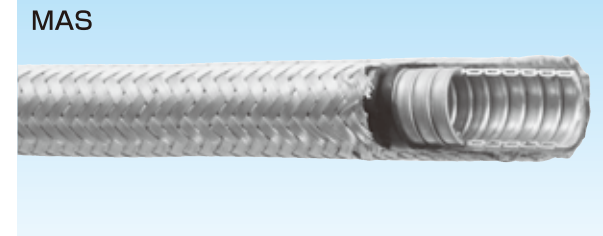
Delivery	Item number	Inch	Min.inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Connectable thread				Weight (kg)		M per coil
						G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
☑	KIB 10	1/4	10.0	14.7	60	—	M20	Pg9	—	0.40	12.0	30
○	KIB 12	3/8	12.3	17.1	60	—	M20	Pg11	—	0.42	12.6	30
○	KIB 16	1/2	15.8	20.5	100	G1/2 (CTG16)	M20	Pg16/Pg13.5	CTC19	0.50	15.1	30
○	KIB 22	3/4	20.8	25.7	120	G3/4 (CTG22)	M25	Pg21	CTC25	0.70	13.9	20
○	KIB 28	1	26.4	32.4	150	G1 (CTG28)	M32	Pg29	CTC31	0.93	18.5	20
○	KIB 36	1-1/4	35.0	41.1	180	G1-1/4 (CTG36)	M40	Pg36	CTC39	1.21	18.1	15
○	KIB 42	1-1/2	40.0	46.1	200	G1-1/2 (CTG42)	M50	Pg42	CTC51	1.47	22.0	15
○	KIB 54	2	51.3	57.4	250	G2 (CTG54)	M63	Pg48	CTC63	2.00	20.0	10
○	KIB 70	2-1/2	63.0	69.2	350	G2-1/2 (CTG70)	—	—	CTC75	2.71	27.1	10
○	KIB 82	3	78.0	85.6	400	G3 (CTG82)	—	—	—	3.99	39.9	10
○	KIB 104	4	101.6	109.6	700	G4 (CTG104)	—	—	—	5.20	31.2	6

Contact us for information of product availability and delivery

KEIFLEX - OUTER BRAIDED SHIELD / OIL RESISTANT / CONTINUOUS FLEXING CYCLES

FEATURE	FEATURE	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
IP67	Oil resistance	EMI	Spatter resistance	RoHS	Lowest -5 °C ~ Highest 60°C	Continuous flexing cycle

Type KPFB



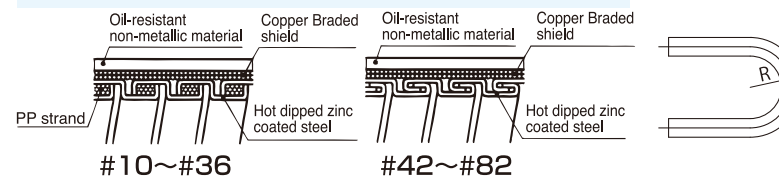
- NOTE: Suitable for Continuous flexing cycles
- Flexible conduit
 - Hot dipped zinc coated steel
 - PVC inner cover
 - Outer Metallic Braided shield
 - Suitable for places where welding takes place.
 - Good performance in environments where the tensile strength is required
 - Note: KEIFLEX KPFB is UNSUITABLE for twisting movement
 - Must be used for cables
 - NOTE: IV wires must NOT be used
 - Connectable fitting: KW SERIES

Delivery	Item number	Inch	Min.inside dia.	Outside dia.	Min Bend Radius R		Connectable thread				Weight (kg)		M per coil
					For fixed installation	For flexing cycle	G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil	
☑	KPFB 10	1/4	10.0	16.9	50	100	—	M20	Pg9	—	0.42	12.5	30
○	KPFB 12	3/8	12.3	19.4	60	120	—	M20	Pg11	—	0.50	15.0	30
○	KPFB 16	1/2	15.8	22.8	70	140	G1/2 (CTG16)	M20	Pg16/Pg13.5	CTC19	0.60	18.0	30
○	KPFB 22	3/4	20.8	28.1	80	160	G3/4 (CTG22)	M25	Pg21	CTC25	0.80	16.0	20
○	KPFB 28	1	26.4	34.9	100	200	G1 (CTG28)	M32	Pg29	CTC31	1.22	24.3	20
○	KPFB 36	1-1/4	35.0	43.7	130	260	G1-1/4 (CTG36)	M40	Pg36	CTC39	1.53	23.0	15
☑	KPFB 42	1-1/2	40.0	49.4	200	400	G1-1/2 (CTG42)	M50	Pg42	CTC51	2.00	30.0	15
☑	KPFB 54	2	51.3	61.4	280	560	G2 (CTG54)	M63	Pg48	CTC63	2.80	28.0	10

KEIFLEX - INNER BRAIDED SHIELD / OIL RESISTANT / SOLUTION FOR ELECTRICAL NOISE/ CONTINUOUS FLEXING CYCLES

COLOR	COLOR	FEATURE	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Black	Light gray	IP67	High Oil resistance	EMI	RoHS	Lowest -5 °C ~ Highest 60°C	Continuous flexing cycle

Type KPBF



- NOTE: Can be used for Continuous flexing cycles (KPBF10 ~ KPBF36 only)
NOTE: Suitable for fixed installation (KPBF42 ~ KPBF82 only)
- Flexible conduit
 - Hot dipped zinc coated steel
 - PVC outer cover
 - Inner copper Braided shield
 - Solution for Electrical noise
 - Available on request : Light gray
 - Must be used for cables
 - NOTE: IV wires must NOT be used
 - Connectable fitting: KM SERIES

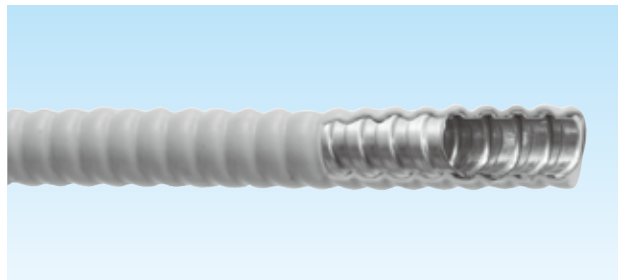
Delivery	Item number		Inch	Min. inside dia.	Outside dia.	Min Bend Radius R for fixed installation		Connectable thread				Weight (kg)		M per coil	
	Black	Light gray				For fixed installation	For flexing cycle	G Thread	Metric Thread	Pg Thread	CTC Thread	Per M	Per coil		
○	○	KPBF 10	KPBF 10 LG	1/4	10.0	15.2	45	90	—	M20	Pg9	—	0.31	9.2	30
○	○	KPBF 12	KPBF 12 LG	3/8	12.3	17.7	50	100	—	M20	Pg11	—	0.49	14.7	30
○	○	KPBF 16	KPBF 16 LG	1/2	15.8	21.1	60	120	G1/2 (CTG16)	M20	Pg16/Pg13.5	CTC19	0.59	17.7	30
○	○	KPBF 22	KPBF 22 LG	3/4	20.8	26.4	80	160	G3/4 (CTG22)	M25	Pg21	CTC25	0.74	14.8	20
○	○	KPBF 28	KPBF 28 LG	1	26.4	33.2	95	190	G1 (CTG28)	M32	Pg29	CTC31	1.27	25.4	20
○	○	KPBF 36	KPBF 36 LG	1-1/4	35.0	42.0	115	230	G1-1/4 (CTG36)	M40	Pg36	CTC39	1.62	24.3	15
○	○	KPBF 42	KPBF 42 LG	1-1/2	40.0	47.7	150	280	G1-1/2 (CTG42)	M50	Pg42	CTC51	1.74	26.1	15
○	○	KPBF 54	KPBF 54 LG	2	51.3	59.7	250	500	G2 (CTG54)	M63	Pg48	CTC63	2.36	23.6	10
○	—	KPBF 70	—	2-1/2	63.0	72.5	300	600	G2-1/2 (CTG70)	—	—	CTC75	3.00	30.0	10
☑	—	KPBF 82	—	3	78.0	88.4	350	700	G3 (CTG82)	—	—	—	4.10	41.0	10

Contact us for information of product availability and delivery

SMALLER OUTSIDE DIA KEIFLEX

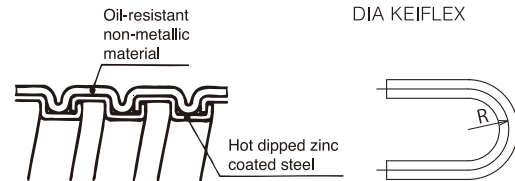
COLOR	COLOR	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE	USE
Black	Light gray	IP67	Oil resistance	RoHS	Lowest -20 °C ~Highest 60°C	Fixed installation

SMALLER OUTSIDE DIA KEIFLEX



NOTE: Suitable for fixed installation

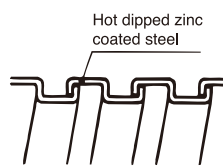
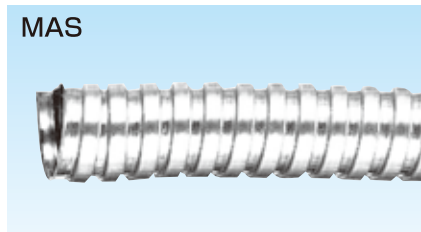
- Flexible conduit
- Smaller outside diameter
- Hot dipped zinc coated steel
- PVC coated
- Designed for machine tools / medical devices and equipment
- Connectable fitting: Refer to the page for FITTING for SMALLER OUTSIDE DIA KEIFLEX



Delivery		Item number		Min.inside dia.	Outside dia.	Min Bend Radius R for fixed installation	Weight (kg)		M per coil
Black	Light gray	Black	Light gray				Per M	Per coil	
☐	☐	KMS 5	KMS 5 LG	5.0	8.4	20	0.08	2.4	30
☐	☐	KMS 6	KMS 6 LG	6.0	9.4	20	0.09	2.7	30
○	○	KMS 7	KMS 7 LG	7.0	10.4	25	0.09	2.7	30
○	☐	KMS 8	KMS 8 LG	8.0	11.4	35	0.12	3.6	30
○	○	KMS 9	KMS 9 LG	9.0	12.4	40	0.14	4.2	30

KEIFLEX / NON-OUTER COVER TYPE

Type KM

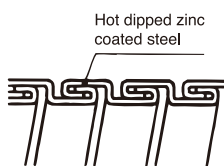
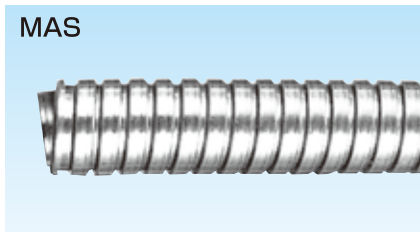


- Flexible conduit
- Non-outer cover type
- Hot dipped zinc coated steel
- Squire lock structure
- Must be used for cables
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES

NOTE: Fitting KC SERIES / KC2 SERIES must be chosen when used in high temperature environments

Deliv-ery	Item number	Min. inside dia.	Outside dia.	Weight (kg)		M per coil
				Per M	Per coil	
☐	KM 5	5.0	7.2	0.05	1.5	30
☐	KM 6	6.0	8.2	0.06	1.8	30
☐	KM 7	7.0	9.2	0.07	2.1	30
☐	KM 8	8.0	10.2	0.08	2.4	30
☐	KM 9	9.0	11.2	0.09	2.7	30
○	KM 10	10.0	13.4	0.10	3.0	30
○	KM 12	12.3	15.9	0.15	4.5	30
○	KM 16	15.8	19.3	0.17	5.1	30
○	KM 22	20.8	24.5	0.23	4.6	20
○	KM 28	26.4	31.2	0.40	8.0	20
○	KM 36	35.0	40.0	0.54	8.1	15
○	KM 42	40.0	45.7	0.57	8.6	15
☐	KM 54	51.3	57.0	0.72	7.2	10
☐	KM 70	63.0	70.6	1.02	10.2	10
☐	KM 82	78.0	86.5	1.41	14.1	10

Type KI



- Flexible conduit
- Non-outer cover type
- Hot dipped zinc coated steel
- Inter lock structure
- Must be used for cables
- NOTE: IV wires must NOT be used
- Connectable fitting: KM SERIES

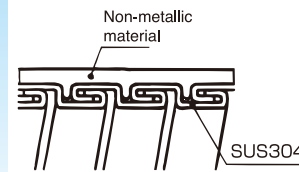
NOTE: Fitting KC SERIES / KC2 SERIES must be chosen when used in high temperature environments

Deliv-ery	Item number	Min. inside dia.	Outside dia.	Weight (kg)		M per coil
				Per M	Per coil	
☐	KI 6	6.0	8.4	0.11	3.3	30
○	KI 7	7.0	9.4	0.12	3.6	30
○	KI 10	10.0	13.0	0.24	7.2	30
○	KI 12	12.3	15.4	0.28	8.4	30
○	KI 16	15.8	18.8	0.37	11.1	30
○	KI 22	20.8	24.0	0.49	9.8	20
○	KI 28	26.4	30.7	0.58	11.6	20
○	KI 36	35.0	39.4	1.09	16.4	15
○	KI 42	40.0	44.4	1.22	18.3	15
○	KI 54	51.3	55.7	1.58	15.8	10
○	KI 70	63.0	67.5	1.86	18.6	10
○	KI 82	78.0	83.9	2.53	25.3	10
☐	KI 92	88.9	95.2	2.75	16.5	6
○	KI 104	101.6	107.8	3.39	20.3	6
☐	KI 130	126.4	132.7	3.77	22.6	6

Contact us for information of product availability and delivery

STAINLESS STEEL KEIFLEX

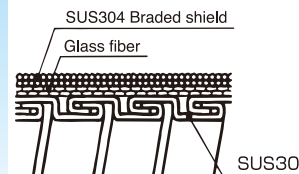
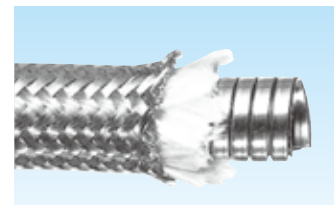
STAINLESS STEEL KEIFLEX - PVC COATED Type LIC/LIH



- Summary about KEIFLEX LIC
- SUS304
- PVC coated
- Cold resistant
- Can be used under the ground

- Summary about KEIFLEX LIH
- SUS304
- PVC coated
- Heat resistant
- Flame retardant

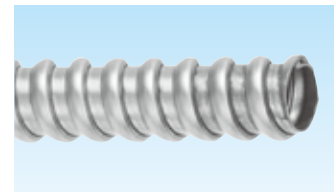
STAINLESS STEEL KEIFLEX - DOUBLE BRAIDED SHIELD Type LIGB



- Summary about KEIFLEX LIGB
- SUS304
- Outer SUS304 Braded shield
- Glass fiber inner cover

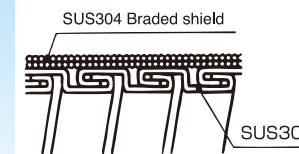
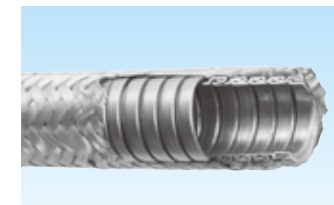
- Suitable for high temperature environments

STAINLESS STEEL KEIFLEX - DESIGNED FOR OPTICAL FIBER Type LL



- Summary about KEIFLEX LL
- Stainless steel
- Designed for optical fiber
- Look at a page for SANPIPE for more information

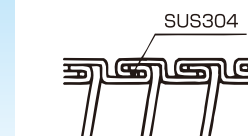
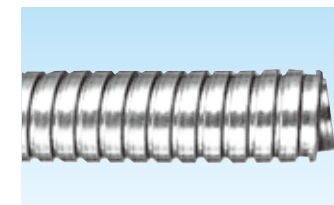
STAINLESS STEEL KEIFLEX - BRAIDED SHIELD Type LIB/LMB



- Summary about KEIFLEX LIB
- SUS304
- SUS304 Braded shield
- Inter lock structure
- Suitable for shipbuilding, chemical

- plant installation
- Summary about KEIFLEX LMB
- SUS304
- SUS304 Braded shield
- Squire lock structure

STAINLESS STEEL KEIFLEX - NON-OUTER COVER TYPE Type LI



- Summary about KEIFLEX LI
- Non-outer cover type
- SUS304

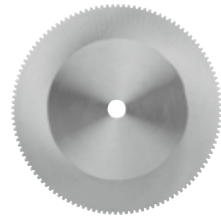
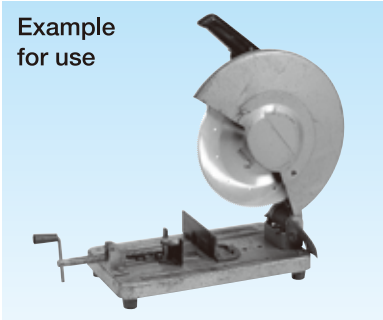
MORE INFORMATION ABOUT STAINLESS STEEL KEIFLEX

- Look at the page for SANPIPE for more information about STAINLESS STEEL KEIFLEX

INSTRUCTION

TO CUT KEIFLEX / METAL SAW

Example for use



KFTL202

- A metal saw (KFTL202) for Cutting machine is available
- Outer dia : 305mm
- Connect KFTL202 to your cutting machine in order to cut off KEIFLEX
- KEIFLEX is also cut off by using Hacksaw

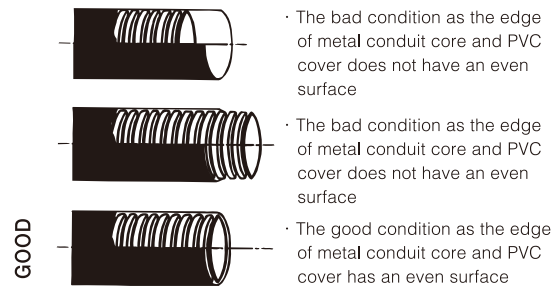
Delivery	Item number	Connectable cutting machine	Weight (g/pc)	Qty / Package
☉	KFTL 202	Contact us for information	1000	1

ACTION TO BE TAKEN AFTER CUTTING KEIFLEX

- Remove all metal burrs and PVC burrs from the cut end of KEIFLEX by using a pair of scissors



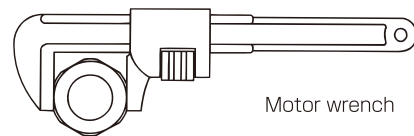
- After KEIFLEX is cut off, the edge of metal conduit core and PVC cover shall have an even surface in order to prevent the degree of the tensile Strength between a fitting and KEIFLEX from decreasing.



- The bad condition as the edge of metal conduit core and PVC cover does not have an even surface
- The bad condition as the edge of metal conduit core and PVC cover does not have an even surface
- The good condition as the edge of metal conduit core and PVC cover has an even surface

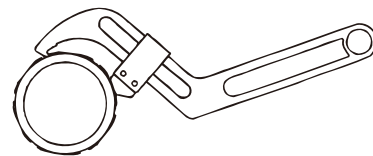
TO TIGHTEN BOX NUT

1. Motor wrench - Recommended tool to tighten up Hexagon box nut
For fitting nominal size 10 to 36: Super tool MF280
For fitting nominal size 10 to 42: Super tool MFT68A

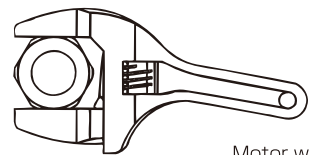
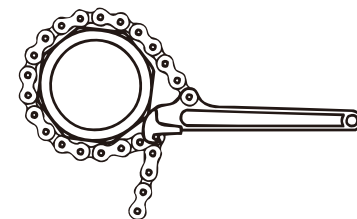


Motor wrench

2. Hook spanner - Recommended tool to tighten up Cog-shaped box nut Super tool HW165



3. Chain tongs - Recommended tool to tighten up Hexagon box nut For fitting nominal size 42, 54: Super tool ST1



Motor wrench

TO TIGHTEN LOCK NUT

- Tool to tighten Lock nut type RLGS16, 22 (thread G1/2, G3/4)
- Tool types: Spanner type SPTL255 / Drive socket type (SPTL256, SPTL257) for ratchet wrench
- Refer to the page for the category of SANPARTS for more information



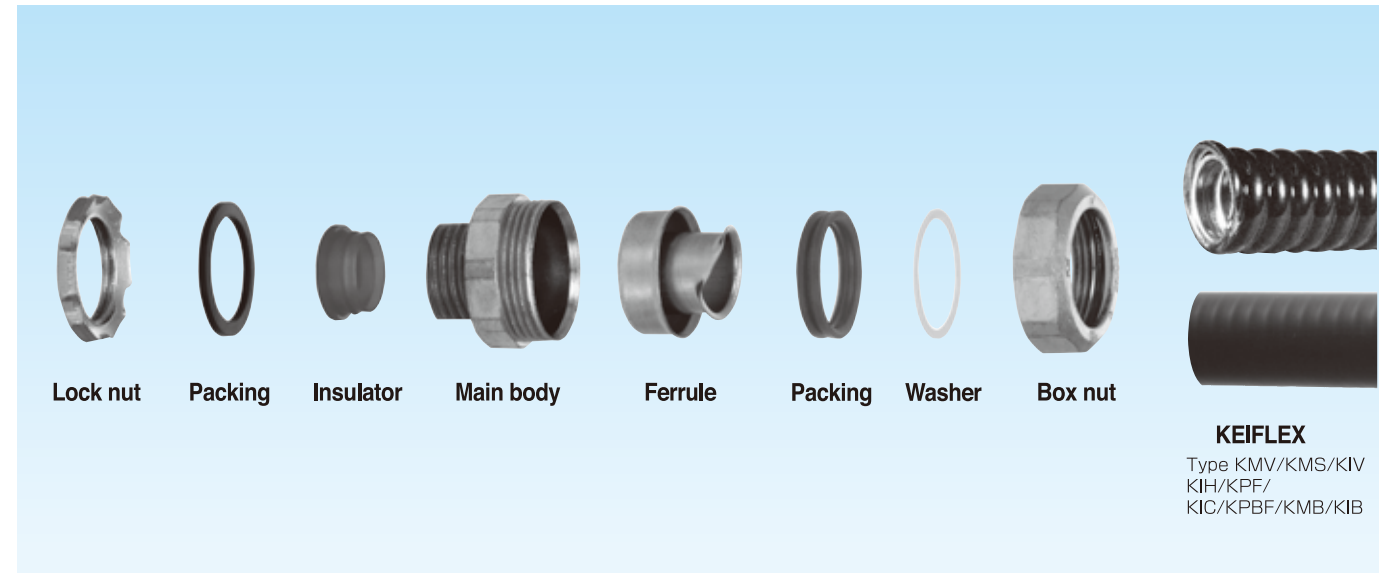
Spanner type SPTL255



Drive socket type (SPTL256, SPTL257) for ratchet wrench

K2 SERIES FITTING

CONSTRUCTION



Lock nut Packing Insulator Main body Ferrule Packing Washer Box nut

KEIFLEX
Type KMV/KMS/KIV
KIH/KPF/
KIC/KPBF/KMB/KIB

APPLICATION

- K2 series is Non-UL / CSA standard approved series
- Mainly suitable for plant installation

CONNECTABLE KEIFLEX

FITTING SERIES	CONNECTABLE KEIFLEX
K2	KMV,(KMS),KIV,KIH,(KPF),KIC,(KPBF),KMB,KIB

- NOTE: KM series is a more suitable choice for connectable KEIFLEX indicated in (),

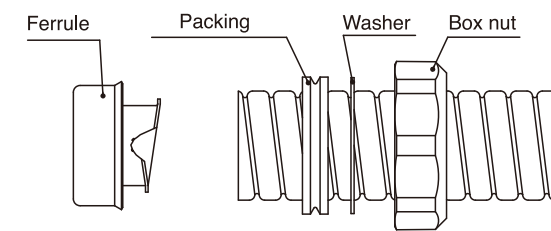
INSULATOR COLOR / THREAD

COLOR	THREAD
RED	G / CTG
YELLOW	CTC

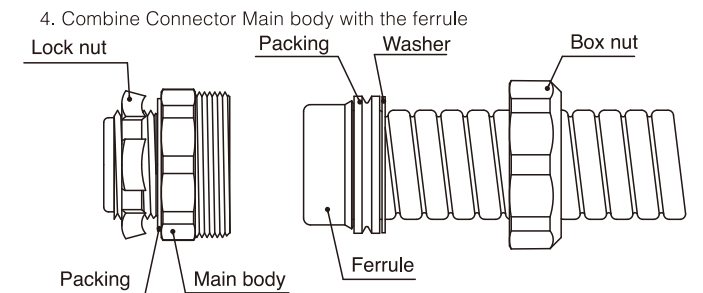
- NOTE: Connectors designed for knockout of Wiring box have Insulator. Therefore, Insulated Bushing is not required

ASSEMBLY INSTRUCTION

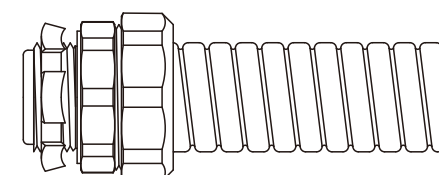
1. Pass KEIFLEX through Box nut, Washer, Packing as the drawing shows



2. Screw Ferrule onto KEIFLEX completely
3. Move the packing, the washer toward the ferrule until they touch each other



4. Combine Connector Main body with the ferrule
5. Connect the box nut to the Connector Main body
6. Tighten up the box nut completely



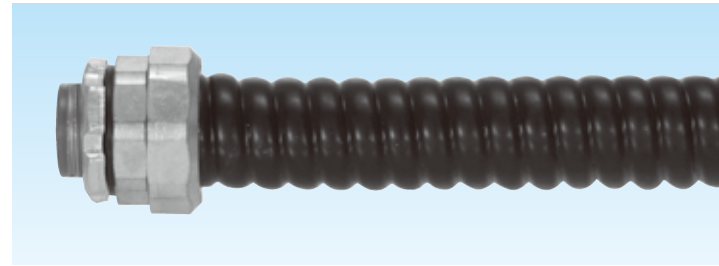
IP

Refer to PICTOGRAM on each page.
NOTE: When KEIFLEX KMB / KIB is chosen, the characteristic become non-water resistance in this condition.

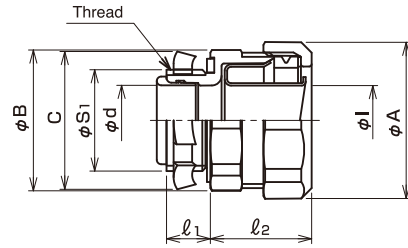
K2 SERIES FITTING FOR KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP55	RoHS	Lowest - 20 °C ~Highest 90°C

KEIFLEX + KNOCKOUT



- Straight connector
- Designed for knockout of Wiring box
- Tensile Strength Classification between Connectable KEIFLEX and Connector
Connector nominal size 10 : 500N (Medium by JIS)
Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
Connector nominal size 70 : 2500N (Very Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φI	l1	l2	Thread JIS B 0202 JIS C 8305		Weight (g/pc)	Qty / Package
									φS1	Nominal size		
○	K2BG10	10	8	26.4	29.0	8.5	12.0	20	20.9	G 1/2	46	20
○	K2BG12	12	10	28.6	29.0	10.8	12.0	21	20.9	G 1/2	49	20
○	K2BG16	16	13	32.2	29.0	14.1	12.0	21	20.9	G 1/2	53	20
○	K2BG22	22	18	39.3	36.0	19.3	12.0	23	26.4	G 3/4	73	20
○	K2BG28	28	24	47.1	44.0	24.6	14.0	25	33.2	G 1	112	10
○	K2BG36	※	36	57.4	53.1	33.0	16.0	29	41.9	G1-1/4	173	10
○	K2BG42	42	37	64.9	61.0	38.2	16.0	34	47.8	G1-1/2	242	10
○	K2BG54	54	48	77.8	74.0	49.3	16.0	33	59.6	G 2	306	5
☒	K2BG70	70	60	92.4	93.0	60.6	15.0	39	75.1	CTG70		2
☒	K2BG82	82	75	109.8	106.0	75.5	15.0	41	87.3	CTG82		2

[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φI	l1	l2	Thread JIS C 8305		Weight (g/pc)	Qty / Package
									φS1	Nominal size		
○	K2BC12	12	10	28.6	26.3	10.8	12.0	21	19.1	CTC19	43	20
○	K2BC16	16	12	32.2	28.9	13.1	12.0	21	19.1	CTC19	48	20
○	K2BC22	22	18	39.3	35.7	19.3	12.0	23	25.4	CTC25	69	20
○	K2BC28	28	24	47.1	43.1	24.6	14.0	25	31.8	CTC31	106	10
○	K2BC36	※	36	57.4	53.1	30.8	16.0	29	38.1	CTC39	164	10
○	K2BC42	42	37	64.9	65.0	38.2	16.0	34	50.8	CTC51	248	10
○	K2BC54	54	48	77.8	79.0	49.5	16.0	33	63.5	CTC63	315	5
☒	K2BC70	70	60	92.4	93.0	60.6	16.0	39	76.2	CTC75		2

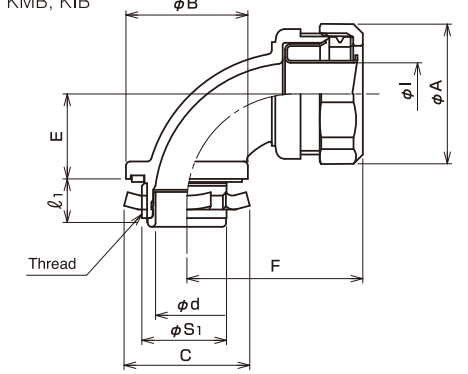
K2 SERIES FITTING FOR KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP55	RoHS	Lowest - 20 °C ~Highest 90°C

KEIFLEX + KNOCKOUT



- 90 degree angle-style connector
- Designed for knockout of Wiring box
- Tensile Strength Classification between Connectable KEIFLEX and Connector
Connector nominal size 10 : 500N (Medium by JIS)
Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
Connector nominal size 70 : 2500N (Very Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB



90 DEGREE ANGLE STYLE



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φI	E	F	l1	Thread JIS B 0202 JIS C 8305		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	K29BG10	10	8	26.4	29	8.5	16.2	33	10	20.9	G 1/2	60	20
○	K29BG12	12	10	28.6	29	10.8	18.6	36	10	20.9	G 1/2	69	20
○	K29BG16	16	13	32.2	29	14.1	19.5	34	10	20.9	G 1/2	76	10
○	K29BG22	22	18	39.3	36	19.3	22.2	40	12	26.4	G 3/4	113	10
○	K29BG28	28	23	47.1	44	24.6	25.8	46	14	33.2	G 1	186	10
○	K29BG36	※	36	57.4	53	33.0	31.1	55	14	41.9	G1-1/4	285	5
○	K29BG42	42	37	64.9	61	38.2	35.6	62	16	47.8	G1-1/2	397	5
○	K29BG54	54	48	77.8	74	49.3	43.0	68	16	59.6	G 2	560	2
☒	K29BG70	70	60	92.4	93	60.6	58.0	84	31	75.1	CTG70		2
☒	K29BG82	82	72	109.8	106	75.5	68.0	96	33	87.8	CTG82		2

[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φI	E	F	l1	Thread JIS C 8305		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	K29BC10	10	8	26.4	26.5	8.5	16.2	33	10	19.1	CTC19		20
○	K29BC12	12	10	28.6	27.5	10.8	18.6	36	10	19.1	CTC19	72	20
○	K29BC16	16	12	32.2	29.0	12.8	19.5	38	10	19.1	CTC19	88	10
○	K29BC22	22	18	39.3	35.5	19.3	24.5	43	12	25.4	CTC25	122	10
○	K29BC28	※	28	47.1	42.5	24.6	28.5	50	14	31.8	CTC31	183	10
○	K29BC36	36	30	57.4	50.0	30.8	31.1	58	14	38.1	CTC39		5
○	K29BC42	42	37	64.9	65.0	38.2	40.6	65	16	50.8	CTC51		5
○	K29BC54	54	48	77.8	79.0	49.5	48.0	73	16	63.5	CTC63		2
☒	K29BC70	70	59	92.4	93.0	60.6	58.0		31	76.2	CTC75		2

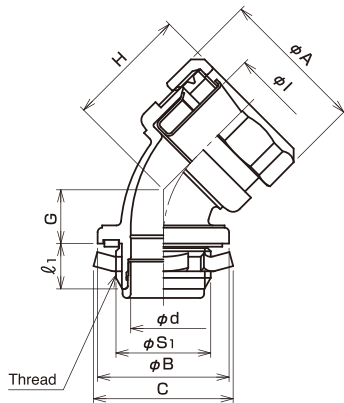
K2 SERIES FITTING FOR KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP55	RoHS	Lowest - 20 °C ~Highest 90°C

KEIFLEX + KNOCKOUT



- 45 degree angle-style connector
- Designed for knockout of Wiring box
- Tensile Strength Classification between Connectable KEIFLEX and Connector
Connector nominal size 10 : 500N (Medium by JIS)
Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
Connector nominal size 70 : 2500N (Very Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB



45 DEGREE ANGLE STYLE



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	ϕA	ϕB C	ϕd ϕI	G	H	l1	Thread JIS B 0202 JIS C 8305		Weight (g/pc)	Qty / Package
										ϕS1	Nominal size		
○	K24BG10	10	8	26.4	29	8.5	6.9	27	10	20.9	G 1/2	55	10
○	K24BG12	12	10	28.6	29	10.8	8.6	31	10	20.9	G 1/2	65	10
○	K24BG16	16	13	32.2	29	14.1	11.9	27	10	20.9	G 1/2	73	10
○	K24BG22	22	18	39.3	36	19.3	12.4	28	12	26.4	G 3/4	104	10
○	K24BG28	28	23	47.1	44	24.6	14.5	32	14	33.2	G 1	178	10
○	K24BG36	※ 36	32	57.4	53	33.0	18.6	40	14	41.9	G1-1/4	273	5
○	K24BG42	42	37	64.9	61	38.2	21.7	44	16	47.8	G1-1/2	372	5
○	K24BG54	54	48	77.8	74	49.3	25.0	49	16	59.6	G 2	528	2
確	K24BG70	70	60	92.4	93	60.6	23.1	61	31	75.1	CTG70		2
確	K24BG82	82	72	109.8	106	75.5	26.5	67	33	87.8	CTG82		2

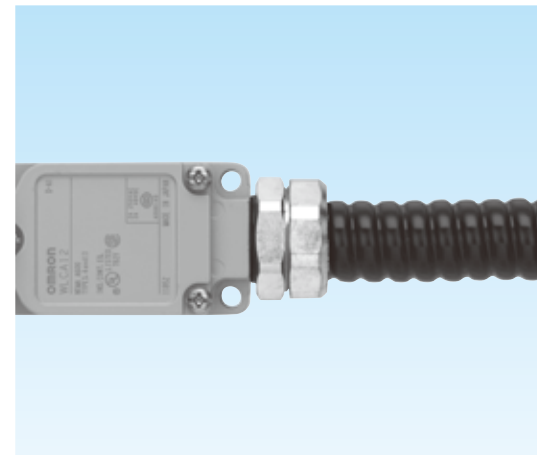
[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	ϕA	ϕB C	ϕd ϕI	G	H	l1	Thread JIS C 8305		Weight (g/pc)	Qty / Package
										ϕS1	Nominal size		
○	K24BC10	10	8	26.4	26.5	8.5	6.9	27	10	19.1	CTC19		10
○	K24BC12	12	10	28.6	27.5	10.8	8.6	31	10	19.1	CTC19		10
○	K24BC16	16	12	32.2	29.0	13.1	11.9	27	10	19.1	CTC19		10
○	K24BC22	22	18	39.3	35.5	19.3	12.4	28	12	25.4	CTC25		10
○	K24BC28	※ 28	23	47.1	42.5	24.6	14.5	32	14	31.8	CTC31		10
○	K24BC36	36	30	57.4	50.0	30.8	18.6	40	14	38.1	CTC39		5
○	K24BC42	42	37	64.9	65.0	38.2	21.7	44	16	50.8	CTC51		5
○	K24BC54	54	48	77.8	79.0	49.5	25.0	49	16	63.5	CTC63		2
確	K24BC70	70	59	92.4	93.0	60.6	23.1	61	31	76.2	CTC75		2

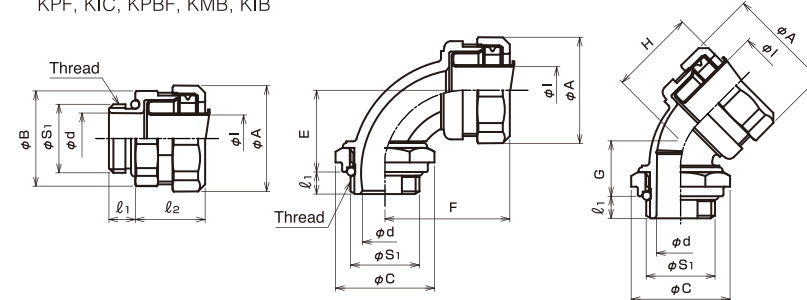
K2 SERIES FITTING FOR ELECTRIC DEVICES

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP55	RoHS	Lowest - 20 °C ~Highest 90°C

KEIFLEX + ELECTRIC DEVICES



- Connector
- Style : as indicated in this page
- Designed for electric devices such as Limit switch / Hood
- Tensile Strength Classification between Connectable KEIFLEX and Connector
Connector nominal size 10 : 500N (Medium by JIS)
Connector nominal size 12 to 16 : 1000N (Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

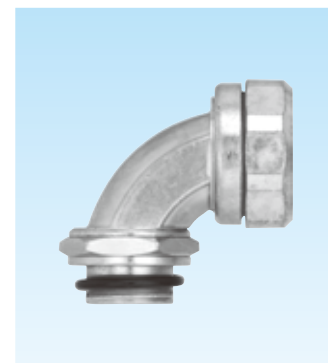
Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	ϕA	ϕB	ϕd ϕI	l1	l2	Thread JIS B 0202		Weight (g/pc)	Qty / Package
									ϕS1	Nominal size		
○	K20G 10	10	8	26.4	28.7	8.5	8	20	20.9	G 1/2		10
○	K20G 12	※ 12	10	28.6	29.2	10.8	8	21	20.9	G 1/2		10
○	K20G 16	16	13	32.2	32.0	14.3	8	22	20.9	G 1/2		10



[METRIC THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	ϕA	ϕB	ϕd ϕI	l1	l2	Thread JIS C 8463		Weight (g/pc)	Qty / Package
									ϕS1	Nominal size		
○	K20M 12	※ 12	10	28.6	30.4	10.8	8	22	15.9	M20X1.5		10
○	K20M 16	16	13	32.2	32.0	14.3	8	22	15.9	M20X1.5		10

90 DEGREE ANGLE STYLE



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	ϕA	ϕC	ϕd ϕI	E	F	l1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
										ϕS1	Nominal size		
○	K29OG 10	10	8	26.4	30.0	8.5	21	33	8	20.9	G 1/2		10
○	K29OG 12	※ 12	10	28.6	30.0	10.8	23	36	8	20.9	G 1/2		10
○	K29OG 16	16	12	32.2	30.0	12.8	24	38	8	20.9	G 1/2		10

45 DEGREE ANGLE STYLE



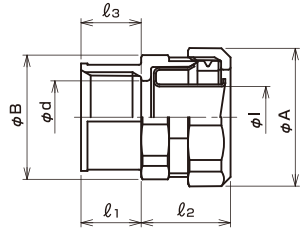
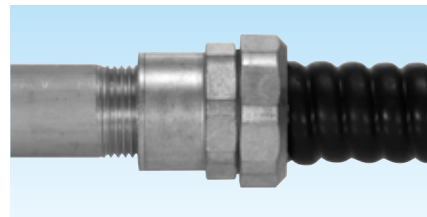
[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	ϕA	ϕC	ϕd ϕI	G	H	l1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
										ϕS1	Nominal size		
○	K24OG 10	10	8	26.4	30.0	8.5	10.9	27	8	20.9	G 1/2		10
○	K24OG 12	※ 12	10	28.6	30.0	10.8	12.6	31	8	20.9	G 1/2		10
○	K24OG 16	16	12	32.2	30.0	14.3	15.9	27	8	20.9	G 1/2		10

K2 SERIES COUPLING FOR RIGID STEEL CONDUIT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	Water resistance b/w Keiflex & Fitting P55	RoHS	Lowest - 20 °C ~Highest 90°C

KEIFLEX + RIGID STEEL CONDUIT WITH THREAD



- Straight combination coupling
- Designed to connect KEIFLEX to Rigid steel conduit with thread
- Tensile Strength Classification between connectable KEIFLEX and Combination coupling
- Combination coupling nominal size 10 : 500N (Medium by JIS)
- Combination coupling nominal size 12 to 54 : 1000N (Heavy by JIS)
- Combination coupling nominal size 70 : 2500N (Very Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB

[RIGID STEEL CONDUIT WITH THREAD]



Delivery	Item number	Connectable conduit		Cable max outside diameter to be inserted	φ A	φ B	φ d φ l	l1	l2	l3	Weight (g/pc)	Qty / Package
		KEIFLEX	RIGID STEEL CONDUIT WITH THREAD									
○	K2KG10	10	G16	8	26.4	25.6	8.5	16.5	20	14.0		20
○	K2KG12	12	G16	10	28.6	28.6	10.8	14.0	21	14.0	45	20
○	K2KG16	16	G16	13	32.2	28.9	14.3	14.0	21	14.0	50	20
○	K2KG1622	16	G22	13	32.2	31.4	14.3	16.5	21	14.0		20
○	K2KG22	22	G22	18	39.3	35.7	19.3	14.0	23	14.0	75	20
○	K2KG22228	22	G28	18	39.3	38.7	19.3	18.5	23	16.0		10
○	K2KG28	※	G28	24	47.1	43.1	24.9	16.0	25	16.0	110	10
○	K2KG2836	28	G36	24	47.1	47.8	24.9	20.5	25	18.0		10
○	K2KG36	36	G36	33	57.4	53.1	34.5	18.0	29	18.0	169	10
○	K2KG42	42	G42	37	64.9	60.2	38.2	18.0	34	18.0	231	10
○	K2KG54	54	G54	48	77.8	72.9	49.5	20.0	33	20.0	298	5
確	K2KG70	70	G70	60	92.4	88.0	60.6	21.0	39	21.0		2
確	K2KG82	82	G82	75	109.8	103.9	75.5	21.0	41	21.0		2

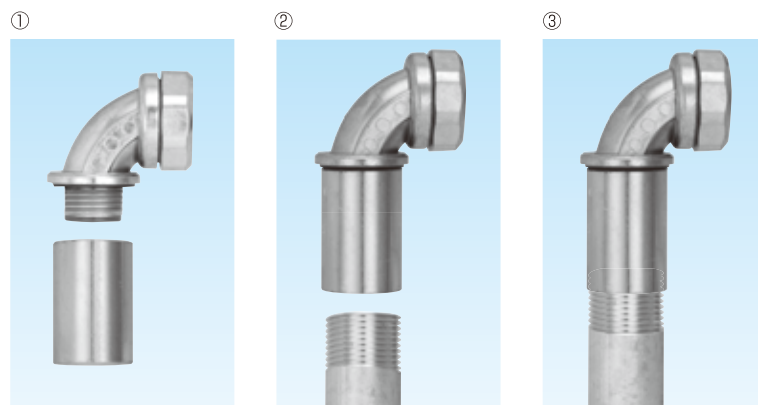
For the Item number in [shaded], more carefully look at the chart to see the information about "Connectable KEIFLEX and RIGID STEEL CONDUIT"

[RIGID STEEL CONDUIT WITH THREAD]

Delivery	Item number	Connectable conduit		Cable max outside diameter to be inserted	φ A	φ B	φ d φ l	l1	l2	l3	Weight (g/pc)	Qty / Package
		KEIFLEX	RIGID STEEL CONDUIT WITH THREAD									
○	K2KC10	10	C19	8	26.4	28.7	8.5	14.0	20	14.0		20
○	K2KC12	12	C19	10	28.6	26.0	10.8	14.0	21	14.0		20
○	K2KC16	16	C19	13	32.2	28.9	14.3	14.0	21	14.0	49	20
○	K2KC1625	16	C25	13	32.2	29.8	14.3	16.5	21	14.0		20
○	K2KC22	22	C25	18	39.3	35.7	19.3	14.0	23	14.0	73	20
○	K2KC2231	22	C31	18	39.3	36.7	19.3	18.5	23	16.0		20
○	K2KC28	※	C31	24	47.1	43.1	24.9	16.0	25	16.0	106	10
○	K2KC2839	28	C39	24	47.1	44.2	24.9	20.5	25	18.0		10
○	K2KC36	36	C39	33	57.4	53.1	34.5	18.0	29	18.0		10
○	K2KC42	42	C51	37	64.9	61.7	38.2	18.0	32	18.0		10
○	K2KC54	54	C63	48	77.8	74.7	49.5	20.0	33	20.0		5
確	K2KC70	70	C75	60	92.4	88.0	60.6	21.0		21.0		2

For the Item number in [shaded], more carefully look at the chart to see the information about "Connectable KEIFLEX and RIGID STEEL CONDUIT"

INSTRUCION to use KEIFLEX at 45 or 90 degree angle to Rigid steel conduit with thread



- 1) Take off Rock nut from (B) Connect (D) to (C) Done
- 2) Tighten (C) as tighten as it reaches to Main body flange of (B)

Possible to use KEIFLEX at 45 or 90 degree angle to Rigid steel conduit with thread by using (B) and (C).
Note: (C) is not available in our product line.

- (A): KEIFLEX
- (B): 45 or 90 degree angle-style connector for KEIFLEX
- (C): Coupling, which is generally used between Rigid steel conduits with thread
- (D): Rigid steel conduit with thread

- eg:
- (A): KEIFLEX - nominal size 22
 - (B): K29BG22
 - (C): Coupling - nominal size G22
 - (D): Rigid steel conduit with thread - nominal size G22

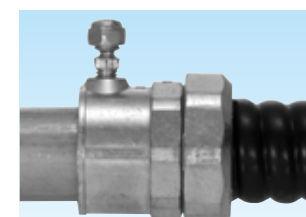
- (A): KEIFLEX - nominal size 22
- (B): K24BC22
- (C): Coupling - nominal size C25
- (D): Rigid steel conduit with thread - nominal size C25

Contact us for information of product availability and delivery

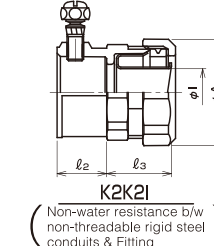
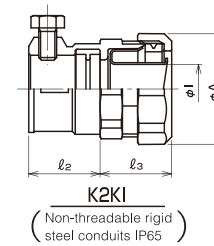
K2 SERIES COUPLING FOR RIGID STEEL CONDUIT

MAIN MATERIAL	SURFACE FINISH	FEATURE	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP55	Water resistance b/w Keiflex & Fitting P55	RoHS	Lowest - 20 °C ~Highest 90°C

KEIFLEX + NON-THREAD RIGID STEEL CONDUIT



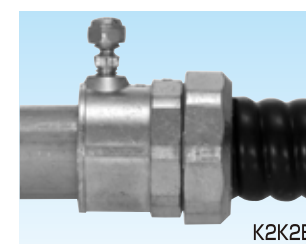
- Straight combination coupling
- Designed to connect KEIFLEX to Non-thread rigid steel conduit
- Note: Rigid steel conduit with thread shall NOT be used
- Note: K2KI : Hexagon head bolt shall get as fully tightened as the head of the bolt reaches the main body of K2KI
- Note: K2K2I : Screw shall get as fully tightened as the head of the screw gets taken off
- Note: Suitable for Insulated cables
- Note: WATER RESISTANT, NON-WATER RESISTANT indicated in the chart shows the resistance between Combination coupling and Non-thread rigid steel conduit is WATER RESISTANT or NON-WATER RESISTANT
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB



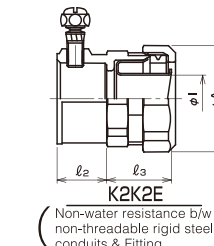
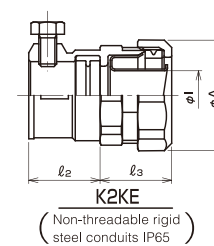
- Tensile Strength Classification between connectable KEIFLEX and Combination coupling
- Combination coupling nominal size 10 : 500N (Medium by JIS)
- Combination coupling nominal size 12 to 54 : 1000N (Heavy by JIS)
- Combination coupling nominal size 70 : 2500N (Very Heavy by JIS)
- Tensile Strength Classification between connectable Non-thread rigid steel conduit and Combination coupling
- Combination coupling nominal size 10 to 28 : 500N (Medium by JIS)
- Combination coupling nominal size 36 or bigger size : 1000N (Heavy by JIS)

Delivery	Item number	Connectable conduit		Min. inside dia.	φ A	φ l	l2		l3	Weight (g/pc)		Qty / Package
		KEIFLEX	NON-THREAD RIGID STEEL CONDUIT				K2KI	K2K2I		K2KI	K2K2I	
○	—	K2KI 10	—	10	G16	8.5	26.4	8.5	20.7	—	20	20
○	—	K2KI 12	—	12	G16	10.8	28.6	10.8	20.7	—	21	20
○	○	K2KI 16	K2K2I 16	16	G16	14.3	32.2	14.3	20.7	15	21	60 58 20
○	○	K2KI 22	K2K2I 22	22	G22	19.3	39.3	19.3	21.2	16	23	85 82 20
○	○	K2KI 28	K2K2I 28	28	G28	24.9	47.1	24.9	23.5	18	25	119 117 10
○	○	K2KI 36	K2K2I 36	※	G36	34.5	57.4	34.5	25.5	20	29	188 10
○	○	K2KI 42	K2K2I 42		G42	38.2	64.9	38.2	26.8	22	34	260 10
○	○	K2KI 54	K2K2I 54		G54	49.5	77.8	49.5	27.8	23	33	324 5
確	—	K2KI 70	—	70	G70	60.6	92.4	60.6	30.0	—	39	— 2
確	—	K2KI 82	—	82	G82	75.5	109.8	75.5	31.0	—	41	— 2
○	—	KMKI 92	—	92	G92	86.4	123.8	86.4	33.0	—	45	1075 — 1
○	—	KMKI 104	—	104	G104	99.1	137.5	99.1	33.0	—	48	1322 — 1

KEIFLEX + NON-THREAD RIGID STEEL CONDUIT/NON-THREADABLE RIGID STEEL CONDUIT



- Straight combination coupling
- Designed to connect KEIFLEX to Non-thread rigid steel conduit / Non-threadable rigid steel conduit
- Note: Rigid steel conduit with thread shall NOT be used
- Note: K2KE : Hexagon head bolt shall get as fully tightened as the head of the bolt reaches the main body of K2KE
- Note: K2K2E : Screw shall get as fully tightened as the head of the screw gets taken off
- Note: Suitable for Insulated cables
- Note: WATER RESISTANT, NON-WATER RESISTANT indicated in the chart shows the resistance between Combination coupling and Non-thread rigid steel conduit / Non-threadable rigid steel conduit is WATER RESISTANT or NON-WATER RESISTANT
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB



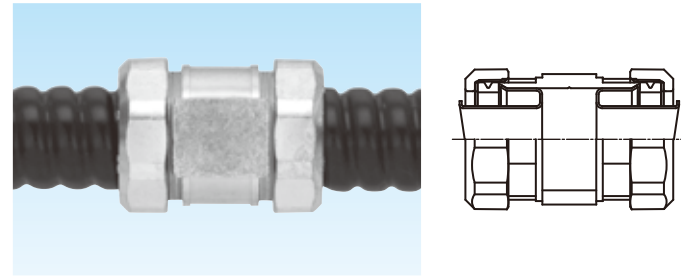
- Tensile Strength Classification between connectable KEIFLEX and Combination coupling
- Combination coupling nominal size 10 : 500N (Medium by JIS)
- Combination coupling nominal size 12 to 54 : 1000N (Heavy by JIS)
- Combination coupling nominal size 70 : 2500N (Very Heavy by JIS)
- Tensile Strength Classification between connectable Non-thread rigid steel conduit / Non-threadable rigid steel conduit and Combination coupling
- Combination coupling nominal size 10 to 28 : 500N (Medium by JIS)
- Combination coupling nominal size 36 or bigger size : 1000N (Heavy by JIS)

Delivery	Item number	Connectable conduit		Min. inside dia.	φ A	φ l	l2		l3	Weight (g/pc)		Qty / Package
		KEIFLEX	NON-THREADABLE RIGID STEEL CONDUIT/NON-THREAD RIGID STEEL CONDUIT				K2KE	K2K2E		K2KE	K2K2E	
○	○	K2KE 10	K2K2E 10	10	E19/C19	8.5	26.4	8.5	20.7	15	20	20
○	○	K2KE 12	K2K2E 12	12	E19/C19	10.8	28.6	10.8	20.7	15	21	20
○	○	K2KE 16	K2K2E 16	16	E19/C19	14.3	32.2	14.3	20.7	15	21	61 59 20
○	○	K2KE 22	K2K2E 22	22	E25/C25	19.3	39.3	19.3	21.2	16	23	90 85 20
○	○	K2KE 28	K2K2E 28	※	E31/C31	24.9	47.1	24.9	23.5	18	25	123 118 10
○	○	K2KE 36	K2K2E 36		E39/C39	34.5	57.4	34.5	25.5	20	29	195 185 10
○	○	K2KE 42	K2K2E 42		E51/C51	38.2	64.9	38.2	26.8	22	34	253 10
○	○	K2KE 54	K2K2E 54		E63/C63	49.5	77.8	49.5	27.8	23	33	309 5
確	確	K2KE 70	K2K2E 70	70	E75/C75	60.6	92.4	60.6	30.0	25	39	— 2

Contact us for information of product availability and delivery

K2 SERIES COUPLING

KEIFLEX + KEIFLEX



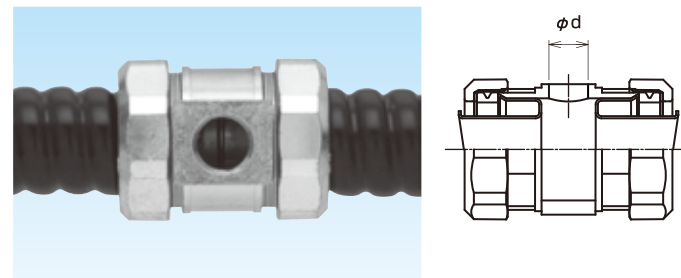
- Straight coupling
- Designed to connect KEIFLEX to KEIFLEX
- Tensile Strength Classification between Connectable KEIFLEX and Coupling 1000N (Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB

		MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
		ZDC2	Electroplated zinc	IP55	RoHS	Lowest - 20 °C ~Highest 90 °C

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	Weight (g/pc)	Qty / Package
○	K2SC 12	12	10		20
○	K2SC 16	16	13		20
○	K2SC 22	22	18		20
○	K2SC 28	※	24		10
○	K2SC 36	36	34		10
○	K2SC 42	42	37		5
○	K2SC 54	54	49		5

K2 SERIES LIQUID DRAINING-STYLE COUPLING

KEIFLEX + KEIFLEX



- Straight coupling
- liquid draining design
- Designed to connect KEIFLEX to KEIFLEX
- Tensile Strength Classification between Connectable KEIFLEX and Coupling
Coupling nominal size 10 : 500N (Medium by JIS)
Coupling nominal size 12 to 54 : 1000N (Heavy by JIS)
Coupling nominal size 70 or bigger: 2500N (Very Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB

		MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
		ZDC2	Electroplated zinc	Non-water resistance	RoHS	Lowest - 20 °C ~Highest 90 °C

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	Liquid draining design × φd	Weight (g/pc)	Qty / Package
⑦	K2DC 10	10	8	1× φ10		1
③	K2DC 12	12	10	1× φ10		20
○	K2DC 16	16	13	1× φ10		20
○	K2DC 22	22	18	1× φ12		20
○	K2DC 28	28	24	1× φ13		10
○	K2DC 36	※	34	1× φ13		10
○	K2DC 42	42	37	1× φ15		5
○	K2DC 54	54	49	1× φ15		5
㊦	K2DC 70	70	60	1× φ20		2
㊦	K2DC 82	82	75	1× φ20		2
○	KMDC 92	92	85	1× φ20	1,512	1
○	KMDC 104	104	98	1× φ20	1,850	1

COUPLING FOR UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT

COUPLING / FOR UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT

Nominal thread G / CTG

Unplasticized polyvinyl chloride (PVC-U) conduit VE

Fitting of Unplasticized polyvinyl chloride (PVC-U) conduit (2K)

Fitting for SANPIPE

Fitting for KEIFLEX

Fitting for PLICA TUBE

Use example:

Example 1. UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT VE28 + KEIFLEX LIC28 : * Fitting of UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT (2K) for VE28* , and * Fitting KMBGL 28 for LIC28* are required

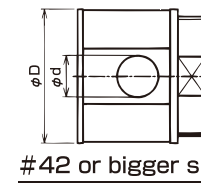
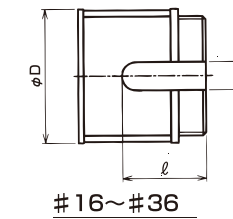
Example 2. UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT VE16 + KEIFLEX LIC16 : * Fitting of UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT (2K) for VE16* , and * Irregular thread type fitting KMBGL 1622 for LIC16* are required

Example 3. UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT VE16 + PLICA TUBE PSC17 : * Fitting of UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) CONDUIT (2K) for VE16* , and * Irregular thread type fitting WBGL1722 FOR PSC17* are required

Contact us for more information.

K2 SERIES LIQUID DRAINING-STYLE ADAPTOR

Type KMDH



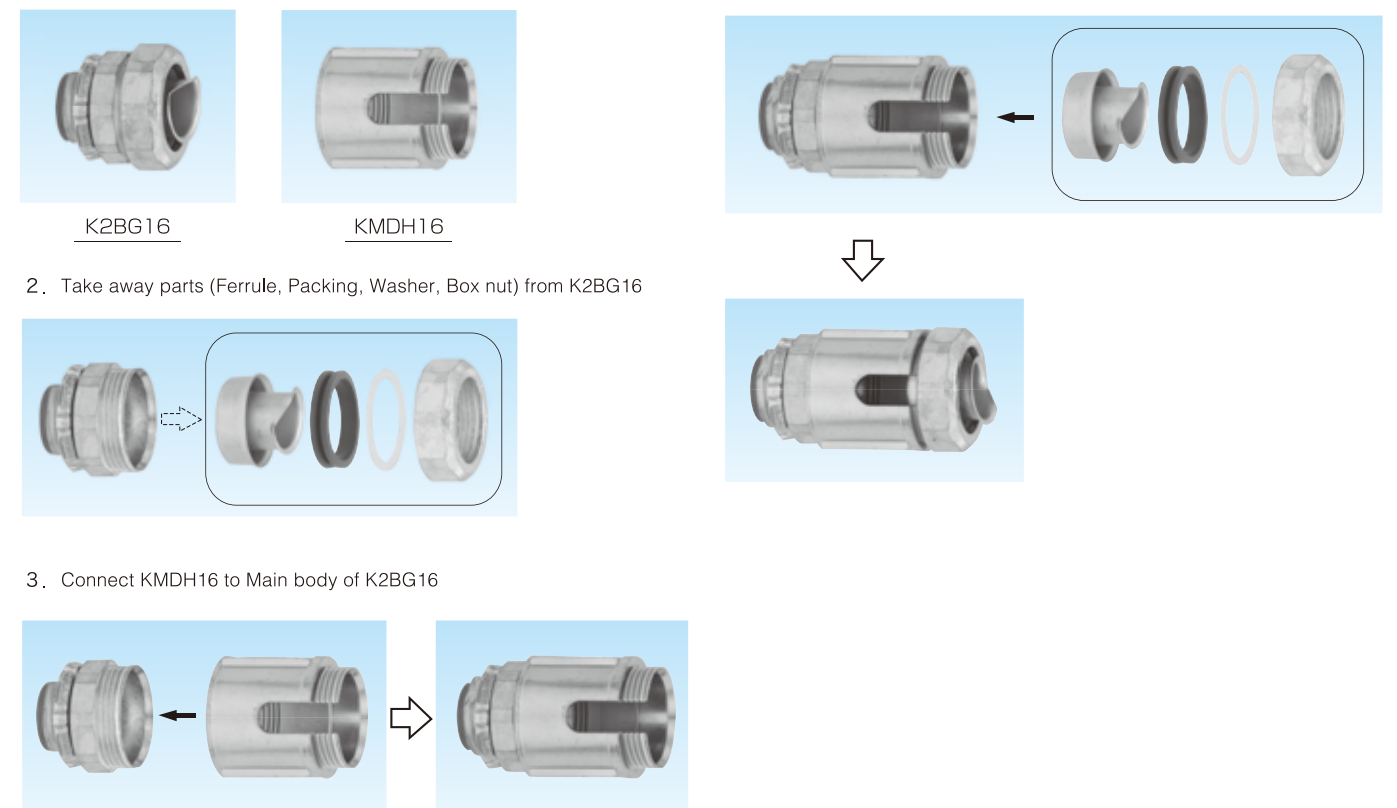
- liquid draining-style adaptor
- Designed for KM SERIES / K2 SERIES (Refer to the connectable fitting in the chart)
- Liquid draining hole shape : refer to the photos
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB

Deliv-ery	Item number	Connectable fitting	Connectable KEIFLEX × φd	φD	e	φd	l	Weight (g/pc)	Qty / Package	
○	KMDH 16	K2BG K2BC K2KG K2KC K2KE K2KI KM型	16	16	31.6	8	22	42	20	
○	KMDH 22		22	22	38.4	8	24	65	20	
○	KMDH 28		28	28	45.9	14	27.5	85	10	
○	KMDH 36		36	36	55.8	14	29	120	10	
○	KMDH 42		42	※	42	63.0	15	—	170	5
○	KMDH 54		54	54	75.4	15	—	220	5	
○	KMDH 70		70	70	90.2	20	—	328	2	
○	KMDH 82		82	82	107.0	20	—	436	2	
○	KMDH 92		92	92	120.6	20	—	534	1	
○	KMDH 104		104	104	133.9	20	—	640	1	

USE OF LIQUID DRAINING-STYLE ADAPTOR

INSTRUCTION TO convert K2BG16 to liquid draining-style

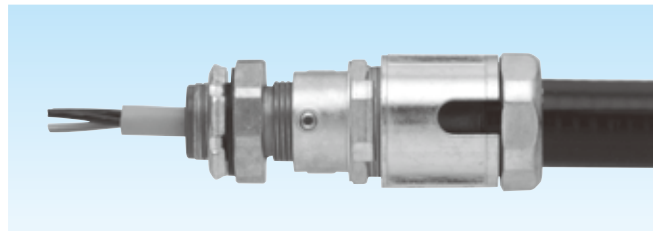
- The following instruction is the way of converting K2BG16 to liquid draining-style by using KMDH16
- Take away parts (Ferrule, Packing, Washer, Box nut) from K2BG16
- Connect KMDH16 to Main body of K2BG16
- Assemble the parts (Ferrule, Packing, Washer, Box nut) of K2BG16



K2 SERIES LIQUID DRAINING & CABLE GLAND-STYLE FITTING FOR KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	Non-water resistance	RoHS	Lowest - 20 °C ~Highest 90 °C

KEIFLEX + KNOCKOUT



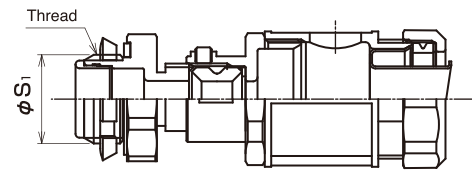
- Cable gland-style connector for KEIFLEX
- Liquid draining design
- Designed for knockout of Wiring box
- Tensile Strength Classification between Connectable KEIFLEX and Connector 1000N (Heavy by JIS)
- Liquid draining hole shape : refer to the photos of KMDH
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB

[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable outside diameter to be inserted		Thread JIS B 0202		Weight (g/pc)	Qty / Package
			Max.	Min.	φ S1	Nominal size		
③	K2DHBG 16 08	16	8	4	20.9	G1/2	150	10
③	K2DHBG 16 12		12	8			150	10
③	K2DHBG 16 14		14	12			160	10
③	K2DHBG 22 12	22	12	8	26.4	G3/4	220	10
③	K2DHBG 22 16		16	12			230	10
③	K2DHBG 22 19	※	19	16	33.2	G1	240	10
③	K2DHBG 28 16		16	12			330	5
③	K2DHBG 28 20		20	16			330	5
③	K2DHBG 28 24	28	24	20	41.9	G1-1/4	340	5
③	K2DHBG 36 20		20	16			420	5
③	K2DHBG 36 24		24	20			430	5
③	K2DHBG 36 28	28	24	490	5			

[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

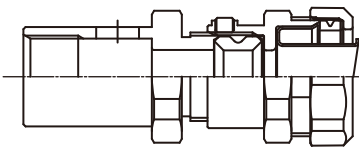
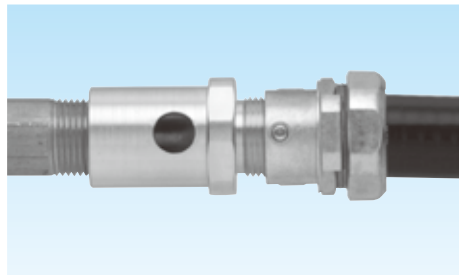
Delivery	Item number	Connectable KEIFLEX	Cable outside diameter to be inserted		Thread JIS C 8305		Weight (g/pc)	Qty / Package
			Max.	Min.	φ S1	Nominal size		
⑤	K2DHBC 16 08	16	8	4	19.1	CTC19	150	10
⑤	K2DHBC 16 12		12	8			150	10
⑤	K2DHBC 22 16	※	16	12	25.4	CTC25	230	10
⑤	K2DHBC 22 19		19	16			240	10



K2 SERIES LIQUID DRAINING & CABLE GLAND-STYLE COUPLING FOR RIGID STEEL CONDUIT WITH THREAD

MAIN MATERIAL	SURFACE FINISH	FEATURE	TEMPERATURE RANGE
ZDC2	Electroplated zinc	Water resistance b/w Keiflex & Fitting IP55	Lowest - 20 °C ~Highest 90 °C

KEIFLEX + RIGID STEEL CONDUIT WITH THREAD



- Cable gland-style Straight combination coupling
- Designed to connect KEIFLEX to Rigid steel conduit with thread
- liquid draining design
- Material: ZDC 2, or Copper alloy rods and bars
- Tensile Strength Classification between connectable KEIFLEX and Combination coupling 1000N (Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMV, KMS, KIV, KIH, KPF, KIC, KPBF, KMB, KIB

[RIGID STEEL CONDUIT WITH THREAD]

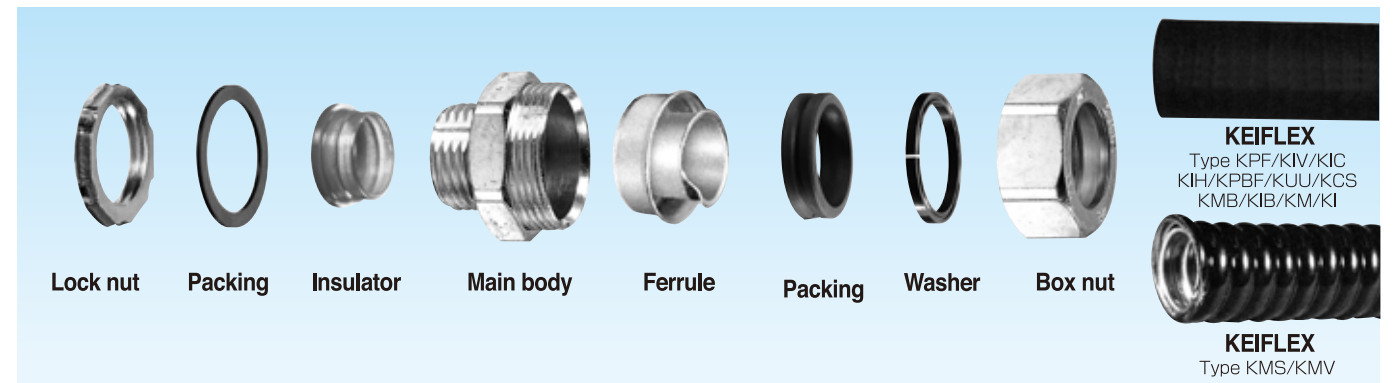
Delivery	Item number	Connectable conduit KEIFLEX	RIGID STEEL CONDUIT WITH THREAD		Cable outside diameter to be inserted		Weight (g/pc)	Qty / Package
			Size	Nominal size	Max.	Min.		
⑦	K2DHKG 16 08	16	G16	G1/2	8	4	160	5
⑦	K2DHKG 16 12		G16	G1/2	12	8	160	5
⑦	K2DHKG 22 16	22	G22	G3/4	16	12	220	5
⑦	K2DHKG 22 19		G22	G3/4	19	16	235	5

[RIGID STEEL CONDUIT WITH THREAD]

Delivery	Item number	Connectable conduit KEIFLEX	RIGID STEEL CONDUIT WITH THREAD		Cable outside diameter to be inserted		Weight (g/pc)	Qty / Package
			Size	Nominal size	Max.	Min.		
⑦	K2DHKC 16 08	16	C19	CTC19	8	4	5	5
⑦	K2DHKC 16 12		C19	CTC19	12	8	129	5
⑦	K2DHKC 22 16	22	C25	CTC25	16	12	5	5
⑦	K2DHKC 22 19		C25	CTC25	19	16	160	5

KM SERIES FITTING

CONSTRUCTION



APPLICATION

- Mainly suitable for machinery

CONNECTABLE KEIFLEX

CONNECTABLE KEIFLEX	
KMS / KPF	See NOTE a
KMV / KIV / KIC	See NOTE b
KPBF	See NOTE c
KIH	See NOTE d
KUU / KCS	See NOTE e
KMB / KIB	See NOTE f
KM/KI	See NOTE g

- NOTE a: K SERIES can be used, but the characteristic become non-water resistance in this condition.
- NOTE b: K2 SERIES can be connected
- NOTE c: -
- NOTE d: K SERIES should be chosen
- NOTE e: UL/CSA approved products are recommended
- NOTE f: Choose KB SERIES when heat resistance/higher tensile strength are required
- NOTE g: Choose KC SERIES when heat resistance/higher tensile strength are required

INSULATOR COLOR / THREAD

COLOR	THREAD
RED	G / CTG
YELLOW	CTC
BROWN	NPT
BLUE	M

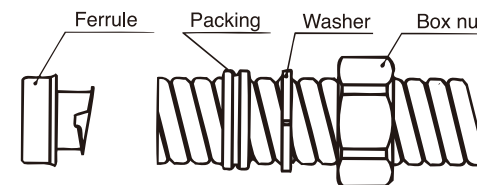
- NOTE: Connectors designed for knockout of Wiring box have Insulator.

UL/CSA

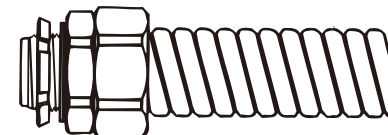
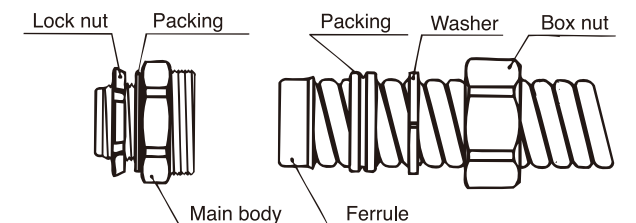
- UL File No.E90119 (UL514B)
- CSA File No.LR69357 (CSA C22.2 NO.18)
- NOTE: There may be some products which are not UL / CSA standard

ASSEMBLY INSTRUCTION

1. Pass KEIFLEX through Box nut, Washer, Packing as the drawing shows



2. Screw Ferrule onto KEIFLEX completely
3. Move the packing, the washer toward the ferrule until they touch each other
4. Combine Connector Main body with the ferrule



approved due to their nominal sizes or any technical reasons even though the PICTOGRAM shows that the product groups are supposed to be UL / CSA standard approved types. Therefore, please contact us to get the most recent information about our UL / CSA approved products before placing purchase orders if UL / CSA standard approved types are required.

MATERIALS

Material information is as below unless otherwise specified

PART NAME	MATERIAL	FINISH
MAIN STRAIGHT	ZDC	ELECTROPLATED ZINC
BODY 90/45 DEGREE ANGLE	ZDC	ELECTROPLATED ZINC
INSULATOR	PA	-
BOX NUT	ZDC	ELECTROPLATED ZINC
FERRULE	SPCE	ELECTROPLATED ZINC
PACKING	NBR	-
WASHER	PA	-
PACKING	NBR	-
LOCK NUT	SPHC	ELECTROPLATED ZINC

BRASS / NON-METALLIC FITTING

Available on request:

TYPE	MATERIAL
BRASS	C 3604
	CAC 202
NON-METALLIC	PA

- NOTE: Basically the material used for this SERIES is ZDC.
- NOTE: Contact us if brass or Non-metallic type is required.

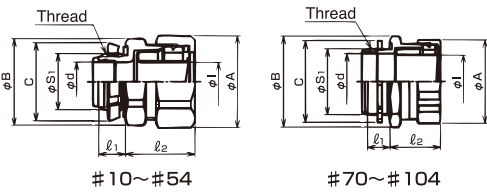
STAINLESS STEEL

- SUS304 FITTING KM※L SERIES is also available
- Look at a page for SANPIPE for more information of it

KM SERIES FITTING FOR KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP67	RoHS	Lowest -20 °C ~Highest 90°C

KEIFLEX + KNOCKOUT



- Straight connector
- Designed for Knockout of Wiring box
- Tensile Strength Classification between Connectable KEIFLEX and Connector
- Connector nominal size 10 : 500N (Medium by JIS)
- Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
- Connector nominal size 70 or bigger: 2500N (Very Heavy by JIS)
- * (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB, KM, KI



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	l ₁	l ₂	Thread JIS B 0202 JIS C 8305		Weight (g/pc)	Qty / Package
									φS ₁	Nominal size		
○	KMBG 10 12	10	8	27.5	28.7	8.5	10	20	16.6	G 3/8	47	20
○	KMBG 10	10	8	27.5	29.0	8.5	10	20	20.9	G 1/2	55	20
○	KMBG 12 12	12	10	30.4	30.4	10.4	10	22	16.6	G 3/8	55	20
○	KMBG 12	12	10	30.4	30.4	10.8	10	22	20.9	G 1/2	60	20
○	KMBG 16	16	13	34.2	30.8	14.1	10	21	20.9	G 1/2	70	20
○	KMBG 16 22	16	13	34.2	37.2	14.3	12	21	26.4	G 3/4	75	20
○	KMBG 16 28	16	13	34.2	48.6	14.3	14	22	33.2	G 1	140	10
○	KMBG 22 16	22	13	41.5	37.7	14.1	10	24	20.9	G 1/2	100	20
○	KMBG 22	22	18	41.5	38.3	19.3	12	24	26.4	G 3/4	100	20
○	KMBG 22 36	22	18	41.5	56.5	19.3	14	24	41.9	G1-1/4	178	10
○	KMBG 28 16	28	13	48.3	47.0	14.1	10	27	20.9	G 1/2	140	10
○	KMBG 28 22	28	19	48.3	47.0	20.0	12	27	26.4	G 3/4	140	10
○	KMBG 28	28	24	48.3	47.0	24.6	14	27	33.2	G 1	160	10
○	KMBG 36	36	32	58.8	56.5	33.0	14	29	41.9	G1-1/4	230	10
○	KMBG 42	42	37	66.8	65.3	38.2	16	32	47.8	G1-1/2	320	10
○	KMBG 54	54	48	80.0	80.0	49.3	16	34	59.6	G 2	440	5
○	KMBG 70	70	60	92.4	93.0	60.6	29	38	75.1	CTG70	604	2
○	KMBG 82	82	75	109.8	106.0	75.5	31	41	87.8	CTG82	799	2
○	KMBG 92	92	85	123.8	121.0	86.4	32	45	100.3	CTG92	1172	1
○	KMBG 104	104	98	137.5	135.0	99.1	32	48	113.0	CTG104	1280	1

Available on request: Longer main body type KMBG 10~KMBG28 with 17mm long main body, KMBG36 and KMBG42 with 18mm long main body, KMBG54 with 20mm long main body
For the Item number in , more carefully look at the chart to see the information about "Connectable KEIFLEX" and The nominal size of thread"

[METRIC THREAD - EXTERNAL THREAD]

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	l ₁	l ₂	Thread JIS C 8463		Weight (g/pc)	Qty / Package
									φS ₁	Nominal size		
-	KMBM 10 10	10										
○	KMBM 10	10	8	27.5	29.0	8.5	10	20	19.9	M20X1.5	53	20
-	KMBM 12 12	12										
○	KMBM 12	12	10	30.4	30.4	10.8	10	22	19.9	M20X1.5	63	20
○	KMBM 16 16	16	10	34.2	30.8	10.6	10	22	15.9	M16X1.5	62	20
○	KMBM 16	16	13	34.2	32.0	14.1	10	22	19.9	M20X1.5	71	20
○	KMBM 22 20	22	13	41.5	38.3	14.1	10	24	19.9	M20X1.5	100	20
○	KMBM 22	22	18	41.5	39.8	18.9	10	24	24.9	M25X1.5	112	20
○	KMBM 28 25	28	18	48.3	46.8	18.9	10	26	24.9	M25X1.5	143	10
○	KMBM 28	28	24	48.3	47.0	24.6	12	27	31.9	M32X1.5	162	10
○	KMBM 36	36	32	58.8	56.5	33.0	12	30	39.9	M40X1.5	228	10
○	KMBM 42	42	37	66.8	65.3	38.2	14	32	49.9	M50X1.5	325	10
○	KMBM 54	54	49	80.0	80.0	49.5	14	34	62.9	M63X1.5	446	5

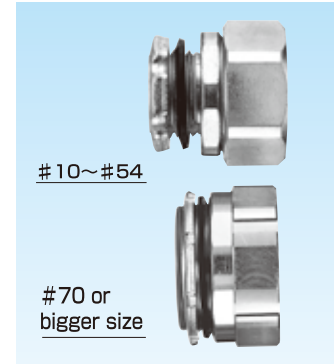
For the Item number in , more carefully look at the chart to see the information about "Connectable KEIFLEX" and The nominal size of thread"

KM SERIES FITTING FOR KNOCKOUT

FEATURE	TEMPERATURE RANGE
IP67	Lowest -20 °C ~Highest 90°C

KEIFLEX + KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	ENVIRONMENT
ZDC2	Electroplated zinc	RoHS



MAIN MATERIAL	SURFACE FINISH	ENVIRONMENT
ZDC2	Electroplated zinc	RoHS



[NPT THREAD - EXTERNAL THREAD]

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	l ₁	l ₂	Thread ANSI B 1.20.1		Weight (g/pc)	Qty / Package
									φS ₁	Nominal size		
○	KMBT 12	12	10	30.4	29.2	10.8	10	21	21.2	NPT 1/2	60	20
○	KMBT 16	16	13	34.2	30.8	14.1	10	21	21.2	NPT 1/2	70	20
○	KMBT 22	22	18	41.5	37.7	19.0	12	24	26.5	NPT 3/4	100	20
○	KMBT 28	28	23	48.3	46.8	24.6	14	26	33.2	NPT 1	160	10
○	KMBT 36	36	32	58.8	56.3	33.0	16	29	41.9	NPT 1-1/4	230	10
○	KMBT 42	42	37	66.8	64.8	38.2	16	31	48.0	NPT 1-1/2	320	10
○	KMBT 54	54	48	80.0	79.6	49.3	18	33	60.1	NPT 2	440	5
○	KMBT 70	70	58	92.4	93.0	58.8	20	38	72.8	NPT 2-1/2	644	2
○	KMBT 82	82	75	109.8	106.0	75.5	22	41	88.7	NPT 3	844	2
○	KMBT 92	92	85	123.8	121.0	86.4	24	45	101.4	NPT 3-1/2	1100	1
○	KMBT 104	104	98	137.5	135.0	99.1	24	48	114.1	NPT 4	1352	1

[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	l ₁	l ₂	Thread JIS C 8305		Weight (g/pc)	Qty / Package
									φS ₁	Nominal size		
○	KMBC 10	10	8	27.5	28.7	8.5	10	20	19.1	CTC19	50	20
○	KMBC 12	12	10	30.4	30.4	10.8	10	22	19.1	CTC19	60	20
○	KMBC 16	16	12	34.2	32.0	13.1	10	22	19.1	CTC19	65	20
○	KMBC 22	22	18	41.5	39.8	19.3	12	24	25.4	CTC25	100	20
○	KMBC 28	28	24	48.3	47.0	24.6	14	27	31.8	CTC31	150	10
○	KMBC 36	36	30	58.8	56.5	30.8	14	30	38.1	CTC39	210	10
○	KMBC 42	42	37	66.8	65.3	38.2	16	32	50.8	CTC51	310	10
○	KMBC 54	54	49	80.0	80.0	49.5	16	34	63.5	CTC63	430	5
○	KMBC 70	70	60	92.4	93.0	60.6	16	38	76.2	CTC75	620	2

NON-METALLIC / BLACK

MAIN MATERIAL	FEATURE	ENVIRONMENT	FLAMMABILITY
PA6	Oil resistance	RoHS	UL94V0

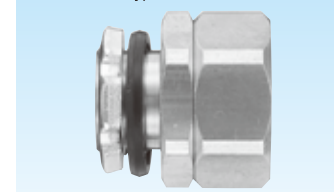
With metallic Lock nut and Metallic Ferrule



BRASS

MAIN MATERIAL
Brass

With metallic Lock nut and Metallic Ferrule Non-Insulator type



[PARALLEL PIPE THREAD - EXTERNAL THREAD] [SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	l ₁	l ₂	Thread JIS B 0202		Weight (g/pc)	Qty / Package
									φS ₁	Nominal size		
○	KMBGP 10	10	8	20.9	G 1/2	24	20					
○	KMBGP 12	12	10	20.9	G 1/2	28	20					
○	KMBGP 16	16	13	20.9	G 1/2	33	20					
○	KMBGP 22	22	18	26.4	G 3/4	47	20					
○	KMBGP 28	28	24	33.2	G 1	75	10					
○	KMBGP 36	36	32	41.9	G1-1/4	110	10					
○	KMBGP 42	42	37	47.8	G1-1/2	130	5					
○	KMBGP 54	54	48	59.6	G 2	190	5					
○	KMBGP 70	70	60	75.1	G2-1/2	334	2					

[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Deliv-ery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	l ₁	l ₂	Thread JIS B 0202		Weight (g/pc)	Qty / Package
									φS ₁	Nominal size		
○	KMBGC 16	16	13	33.0	33.0	14.0	12	21	20.9	G 1/2	68	10
○	KMBGC 22	22	18	40.7	39.6	19.0	12	22	26.4	G 3/4	117	10
○	KMBGC 28	28	24	47.3	46.3	24.4	14	24	33.2	G 1	162	10
○	KMBGC 36	36	32	58.8	57.0	33.0	14	32	41.9	G1-1/4	230	10
○	KMBGC 42	42	37	67.2	65.2	38.1	16	35	47.8	G1-1/2	320	5
○	KMBGC 54	54	48	80.8	79.3	49.4	16	39	59.6	G 2	450	5

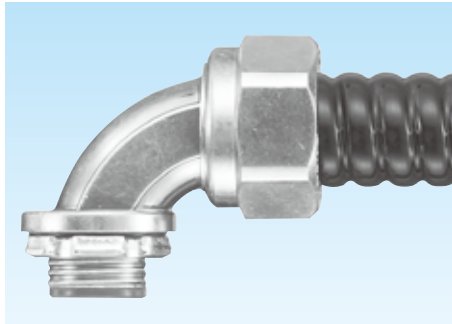
STAINLESS STEEL

· Look at the page for SANPIPE for information of STAINLESS STEEL FITTING FOR STAINLESS STEEL KEIFLEX

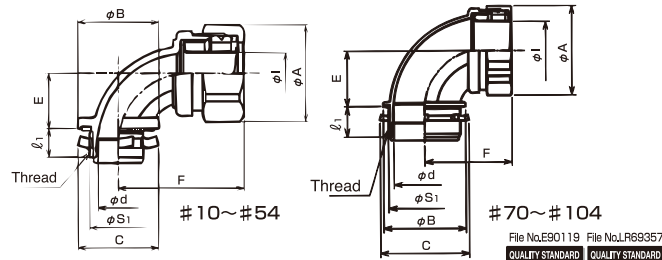
KM SERIES 90 DEGREE ANGLE STYLE FITTING FOR KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP67	RoHS	Lowest: -20 °C ~Highest: 90°C

KEIFLEX + KNOCKOUT



- 90 degree angle-style connector
- Designed for Knockout of Wiring box
- Tensile Strength Classification between Connectable KEIFLEX and Connector
- Connector nominal size 10 : 500N (Medium by JIS)
- Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
- Connector nominal size 70 or bigger: 2500N (Very Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB, KM, KI



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φd	φI	E	F	ℓ1	Thread JIS B 0202 JIS C 8305		Weight (g/pc)	Qty / Package
												φS1	Nominal size		
○	KM90BG 10	10	8	27.5	29.0	8.5	16.2	34	10	20.9	G 1/2	70	20		
○	KM90BG 12	12	10	30.4	29.0	10.8	18.6	36	10	20.9	G 1/2	79	20		
○	KM90BG 16	16	13	34.2	29.0	14.1	19.5	35	10	20.9	G 1/2	97	20		
○	KM90BG 16 22	16	13	34.2	36.0	14.3	19.5	35	12	26.4	G 3/4	102	20		
○	KM90BG 22 16	22	13	41.5	32.6	14.1	22.8	52	10	20.9	G 1/2	184	10		
○	KM90BG 22	22	18	41.5	36.0	19.3	22.2	41	12	26.4	G 3/4	150	10		
③	KM90BG 22 28	22	18	41.5	44.0	19.3	22.2	41	14	33.2	G 1	165	10		
③	KM90BG 22 36	22	18	41.5	53.0	19.3	28.2	52	14	41.9	G 1-1/4	206	10		
○	KM90BG 28	28	24	48.3	44.0	24.6	25.8	47	14	33.2	G 1	225	10		
○	KM90BG 28 36	28	24	48.3	53.0	24.8	25.8	47	14	41.9	G 1-1/4	235	10		
○	KM90BG 36	36	32	58.8	53.0	33.0	31.1	54	14	41.9	G 1-1/4	329	5		
③	KM90BG 36 42	36	32	58.8	61.0	33.2	31.1	54	16	47.8	G 1-1/2	340	5		
○	KM90BG 42	42	37	66.8	61.0	38.2	35.6	61	16	47.8	G 1-1/2	600	5		
③	KM90BG 42 54	42	37	66.8	74.0	38.2	35.6	61	16	59.6	G 2	460	5		
○	KM90BG 54	54	48	80.0	74.0	49.3	43.0	68	16	59.6	G 2	880	5		
○	KM90BG 70	70	60	92.4	93.0	60.6	58.0	83	31	75.1	CTG 70	1,129	2		
○	KM90BG 82	82	72	109.8	106.0	75.5	68.0	95	33	87.8	CTG 82	1,551	1		
③	KM90BG 92	92	84	123.8	121.0	86.4	76.0	105	34	100.3	CTG 92	2,065	1		
③	KM90BG 104	104	96	137.5	135.0	99.1	83.0	114	34	113.0	CTG 104	2,590	1		

For the Item number in , more carefully look at the chart to see the information about "Connectable KEIFLEX" and The nominal size of thread"

[METRIC THREAD - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φd	φI	E	F	ℓ1	Thread JIS B 0463		Weight (g/pc)	Qty / Package
												φS1	Nominal size		
③	KM90BM 10	10	8	27.5	29.0	8.5	16.2	34	10	19.9	M20X1.5	70	20		
○	KM90BM 12	12	10	30.4	29.0	10.8	18.6	36	10	19.9	M20X1.5	79	10		
○	KM90BM 16	16	13	34.2	29.0	13.8	19.5	39	10	19.9	M20X1.5	98	10		
○	KM90BM 22	22	17	41.5	36.0	18.4	24.5	44	12	24.9	M25X1.5	146	10		
○	KM90BM 28	28	24	48.3	44.0	24.6	28.5	50	14	31.9	M32X1.5	215	10		
③	KM90BM 36	36	30	58.8	53.0	31.0	31.1	58	14	39.9	M40X1.5	337	5		
③	KM90BM 42	42	37	66.8	65.0	38.2	40.6	64	16	49.9	M50X1.5	610	5		
③	KM90BM 54	54	49	80.0	79.0	49.5	48.0	73	16	62.9	M63X1.5	890	5		

[NPT THREAD - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φd	φI	E	F	ℓ1	Thread ANSI B 1.20.1		Weight (g/pc)	Qty / Package
												φS1	Nominal size		
○	KM90BT 12	12	10	30.4	29.0	10.8	18.6	36	10	21.2	NPT 1/2	78	10		
○	KM90BT 16	16	13	34.2	29.0	13.8	19.5	39	10	21.2	NPT 1/2	92	10		
○	KM90BT 22	22	18	41.5	36.0	19.0	24.5	44	12	26.5	NPT 3/4	144	10		
○	KM90BT 28	28	23	48.3	44.0	24.6	28.5	50	14	33.2	NPT 1	219	10		
○	KM90BT 36	36	32	58.8	53.0	33.0	31.1	58	14	41.9	NPT 1-1/4	332	5		
○	KM90BT 42	42	37	66.8	62.0	38.2	40.6	64	16	48.0	NPT 1-1/2	600	5		
○	KM90BT 54	54	48	80.0	74.0	49.3	48.0	73	16	60.1	NPT 2	880	5		
○	KM90BT 70	70	58	92.4	93.0	59.1	58.0	83	31	72.8	NPT 2-1/2	1800	2		
○	KM90BT 82	82	74	109.8	106.0	75.5	68.0	95	33	88.7	NPT 3	2650	1		
○	KM90BT 92	92	84	123.8	121.0	86.4	76.0	105	34	101.4	NPT 3-1/2	3390	1		
○	KM90BT 104	104	96	137.5	135.0	99.1	83.0	114	34	114.1	NPT 4	4410	1		



KM SERIES 90 DEGREE ANGLE STYLE FITTING FOR KNOCKOUT

FEATURE	TEMPERATURE RANGE
IP67	Lowest: -20 °C ~Highest: 90°C

KEIFLEX + KNOCKOUT



[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φd	φI	E	F	ℓ1	Thread JIS C 8305		Weight (g/pc)	Qty / Package
												φS1	Nominal size		
○	KM90BC 10	10	8	27.5	26.5	8.5	16.2	34	10	19.1	CTC 19	70	10		
○	KM90BC 12	12	10	30.4	27.5	10.8	18.6	36	10	19.1	CTC 19	76	10		
○	KM90BC 16	16	12	34.2	29.0	12.8	19.5	39	10	19.1	CTC 19	98	10		
○	KM90BC 22	22	18	41.5	35.5	19.3	24.5	44	12	25.4	CTC 25	146	10		
○	KM90BC 28	28	24	48.3	42.5	24.6	28.5	50	14	31.8	CTC 31	215	10		
○	KM90BC 36	36	30	58.8	50.0	30.8	31.1	58	14	38.1	CTC 39	351	5		
○	KM90BC 42	42	37	66.8	65.0	38.2	40.6	64	16	50.8	CTC 51	610	5		
○	KM90BC 54	54	49	80.0	79.0	49.5	48.0	73	16	63.5	CTC 63	890	2		
○	KM90BC 70	70	59	92.4	93.0	60.6	58.0	83	31	76.2	CTC 75	1800	2		

NON-METALLIC / BLACK

MAIN MATERIAL	FEATURE	ENVIRONMENT	FLAMMABILITY
PA6	Oil resistance	RoHS	UL94V0



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φd	φI	E	F	ℓ1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
												φS1	Nominal size		
○	KM90BGP 10	10	8	31.1	29.0	8.5	21	39	13	20.9	G 1/2	30	10		
○	KM90BGP 12	12	10	33.2	29.0	10.8	23	42	13	20.9	G 1/2	30	10		
○	KM90BGP 16	16	13	37.5	29.0	14.8	25	45	13	20.9	G 1/2	39	10		
○	KM90BGP 22	22	18	44.0	37.0	19.3	27	50	14	26.4	G 3/4	55	10		
○	KM90BGP 28	28	24	53.6	45.5	24.9	31	55	15	33.2	G 1	80	10		
○	KM90BGP 36	36	32	64.4	56.0	34.0	36	63	16	41.9	G 1-1/4	120	5		
○	KM90BGP 42	42	37	72.0	64.0	38.2	42	72	16	47.8	G 1-1/2	170	2		
○	KM90BGP 54	54	48	86.0	77.6	49.5	49	85	18	59.6	G 2	240	2		

MAIN MATERIAL	FEATURE	ENVIRONMENT	FLAMMABILITY
PA6	Oil resistance	RoHS	UL94V0

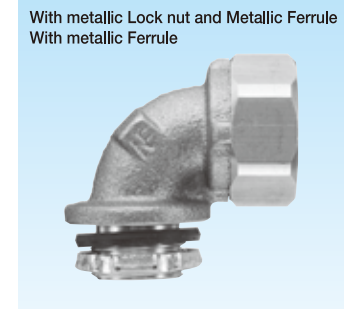


[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φd	φI	E	F	ℓ1	Thread JIS C 8305		Weight (g/pc)	Qty / Package
												φS1	Nominal size		
○	KM90BCP 10	10	8	31.1	28.8	8.5	21	39	13	19.1	CTC 19	30	10		
○	KM90BCP 12	12	10	33.2	28.8	10.8	23	42	13	19.1	CTC 19	30	10		
○	KM90BCP 16	16	12	37.5	28.8	13.7	25	45	13	19.1	CTC 19	39	10		
○	KM90BCP 22	22	18	44.0	37.0	19.3	27	50	14	25.4	CTC 25	55	10		
○	KM90BCP 28	28	24	53.6	45.5	24.9	31	55	15	31.8	CTC 31	80	5		
○	KM90BCP 36	36	32	64.4	56.0	32.3	36	63	16	38.1	CTC 39	120	5		
○	KM90BCP 42	42	37	72.0	65.0	38.2	42	72	16	50.8	CTC 51	170	2		
○	KM90BCP 54	54	49	86.0	79.0	49.5	49	85	18	63.5	CTC 63	240	2		

BRASS

MAIN MATERIAL
Brass



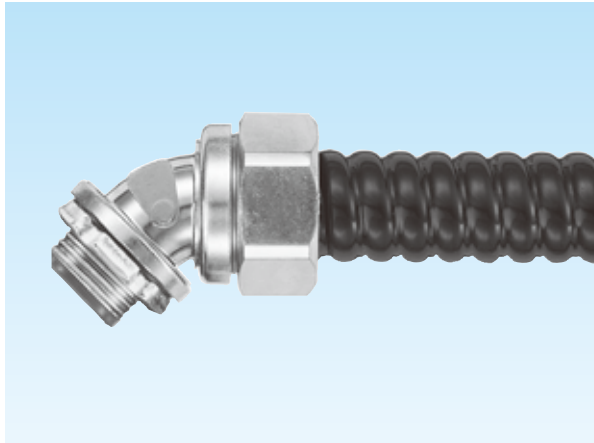
[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φd	φI	E	F	ℓ1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
												φS1	Nominal size		
○	KM90BGC 16	16	13	33.0	31.5	14.0	22	33	12	20.9	G 1/2	116	10		
○	KM90BGC 22	22	18	40.7	38.5	19.0	26	39	12	26.4	G 3/4	183	10		
○	KM90BGC 28	28	24	47.3	47.0	24.6	27	46	14	33.2	G 1	291	5		
○	KM90BGC 36	36	32	58.8	56.0	33.0	33	57	14	41.9	G 1-1/4	478	5		
○	KM90BGC 42	42	37	67.2	64.0	38.1	38	61	16	47.8	G 1-1/2	637	2		
○	KM90BGC 54	54	48	80.8	76.0	49.4	46								

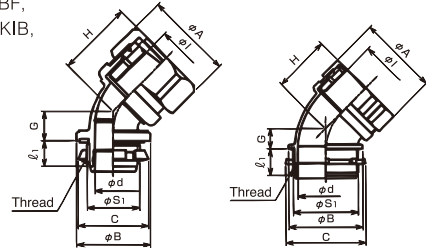
KM SERIES 45 DEGREE ANGLE STYLE FITTING FOR KNOCKOUT

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP67	RoHS	Lowest -20 °C ~Highest 90°C

KEIFLEX + KNOCKOUT



- 45 degree angle-style connector
- Designed for Knockout of Wiring box
- Tensile Strength Classification between Connectable KEIFLEX and Connector
 - Connector nominal size 10 : 500N (Medium by JIS)
 - Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
 - Connector nominal size 70 or bigger : 2500N (Very Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB, KM, KI



#10~#54 #70~#104



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Deliver	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	G	H	ℓ1	Thread JIS B 0202 JIS C 8305		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	KM45BG 10	10	8	27.5	29.0	8.5	6.9	27	10.0	20.9	G 1/2	75	20
○	KM45BG 12	12	10	30.4	29.0	10.8	8.6	31	10.0	20.9	G 1/2	85	20
○	KM45BG 16	16	13	34.2	29.0	14.1	11.9	27	10.0	20.9	G 1/2	100	20
○	KM45BG 22	22	17	41.5	36.0	19.3	12.4	29	12.0	26.4	G 3/4	140	10
○	KM45BG 28	28	23	48.3	44.0	24.6	14.5	33	14.0	33.2	G 1	260	10
○	KM45BG 36	※	36	58.8	53.0	33.0	18.6	39	14.0	41.9	G 1-1/4	360	5
○	KM45BG 42	42	37	66.8	61.0	38.2	21.7	43	16.0	47.8	G 1-1/2	510	5
○	KM45BG 54	54	48	80.0	74.0	49.3	25.0	49	16.0	59.6	G 2	700	5
○	KM45BG 70	70	60	92.4	93.0	60.6	23.1	60	31.0	75.1	CTG 70	958	2
○	KM45BG 82	82	72	109.8	106.0	75.5	26.5	67	33.0	87.8	CTG 82	1304	2
○	KM45BG 92	92	85	123.8	121.0	86.4	29.8	75	34.0	100.3	CTG 92	1720	1
○	KM45BG 104	104	98	137.5	135.0	99.1	33.1	79	34.0	113.0	CTG 104	2120	1



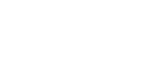
[METRIC THREAD - EXTERNAL THREAD]

Deliver	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	G	H	ℓ1	Thread JIS C 8463		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
③	KM45BM 10	10	8	27.5	29.0	8.5	6.9	27	10	19.9	M20×1.5	70	20
③	KM45BM 12	12	10	30.4	29.0	10.8	8.6	31	10	19.9	M20×1.5	72	10
○	KM45BM 16	16	12	34.2	29.0	14.1	11.9	27	10	19.9	M20×1.5	81	10
○	KM45BM 22	22	17	41.5	36.0	18.9	12.4	29	12	24.9	M25×1.5	125	10
③	KM45BM 28	※	28	48.3	44.0	24.6	14.5	33	14	31.9	M32×1.5	198	10
③	KM45BM 36	36	30	58.8	53.0	33.0	18.6	39	14	39.9	M40×1.5	360	5
③	KM45BM 42	42	37	66.8	65.0	38.2	21.7	43	16	49.9	M50×1.5	405	5
③	KM45BM 54	54	49	80.0	79.0	49.5	25.0	49	16	62.9	M63×1.5	720	5



[NPT THREAD - EXTERNAL THREAD]

Deliver	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	G	H	ℓ1	Thread ANSI B 1.20.1		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	KM45BT 12	12	10	30.4	29.0	10.8	8.6	31	10	21.2	NPT 1/2	85	10
○	KM45BT 16	16	12	34.2	29.0	14.1	11.9	27	10	21.2	NPT 1/2	100	10
○	KM45BT 22	22	17	41.5	36.0	19.0	12.4	29	12	26.5	NPT 3/4	140	10
○	KM45BT 28	28	23	48.3	44.0	24.6	14.5	33	14	33.2	NPT 1	260	10
○	KM45BT 36	36	32	58.8	53.0	33.0	18.6	39	14	41.9	NPT 1-1/4	360	5
○	KM45BT 42	※	42	66.8	62.0	38.2	21.7	43	16	48.0	NPT 1-1/2	510	5
○	KM45BT 54	54	48	80.0	74.0	49.3	25.0	49	16	60.1	NPT 2	700	5
○	KM45BT 70	70	58	92.4	93.0	59.1	23.1	60	31	72.8	NPT 2-1/2	1500	2
○	KM45BT 82	82	74	109.8	106.0	75.5	26.5	67	33	88.7	NPT 3	2030	1
○	KM45BT 92	92	84	123.8	121.0	86.4	29.8	75	34	101.4	NPT 3-1/2	2580	1
○	KM45BT 104	104	97	137.5	135.0	99.1	33.1	79	34	114.1	NPT 4	3150	1



#10~#54

#70 or bigger size



#10~#54

#70 or bigger size

KM SERIES 45 DEGREE ANGLE STYLE FITTING FOR KNOCKOUT

FEATURE	TEMPERATURE RANGE
IP67	Lowest -20 °C ~Highest 90°C

KEIFLEX + KNOCKOUT



#10~#54

#70

NON-METALLIC / BLACK

MAIN MATERIAL	FEATURE	ENVIRONMENT	FLAMMABILITY
PA6	Oil resistance	RoHS	UL94V0

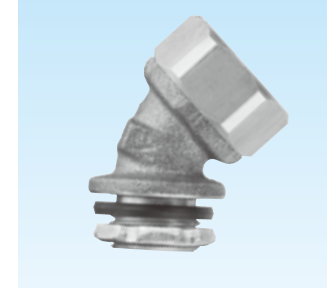
With metallic Lock nut and Metallic Ferrule
With metallic Ferrule



BRASS

MAIN MATERIAL
Brass

With metallic Lock nut and Metallic Ferrule
With metallic Ferrule



STAINLESS STEEL

· Look at the page for SANPIPE for information of 45 DEGREE ANGLE-STYLE STAINLESS STEEL FITTING FOR STAINLESS STEEL KEIFLEX

[SCREW THREAD FOR RIGID METAL CONDUIT AND FITTING - EXTERNAL THREAD]

Deliver	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	G	H	ℓ1	Thread JIS C 8305		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	KM45BC 10	10	8	27.5	26.5	8.5	6.9	27	10	19.1	CTC 19	70	20
○	KM45BC 12	12	10	30.4	27.5	10.8	8.6	31	10	19.1	CTC 19	80	20
○	KM45BC 16	16	12	34.2	29.0	13.1	11.9	27	10	19.1	CTC 19	95	20
○	KM45BC 22	22	17	41.5	35.5	19.3	12.4	29	12	25.4	CTC 25	140	10
○	KM45BC 28	※	28	48.3	42.5	24.6	14.5	33	14	31.8	CTC 31	250	10
○	KM45BC 36	36	30	58.8	50.0	30.8	18.6	39	14	38.1	CTC 39	340	5
○	KM45BC 42	42	37	66.8	65.0	38.2	21.7	43	16	50.8	CTC 51	500	5
○	KM45BC 54	54	49	80.0	79.0	49.5	25.0	49	16	63.5	CTC 63	680	2
○	KM45BC 70	70	59	92.4	93.0	60.6	23.1	60	31	76.2	CTC 75	1580	2

[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Deliver	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	G	H	ℓ1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	KM45BGP 10	10	8	31.1	29.0	8.5	12	30	13	20.9	G 1/2	30	10
○	KM45BGP 12	12	10	33.2	29.0	10.8	13	32	13	20.9	G 1/2	30	10
○	KM45BGP 16	16	13	37.5	29.0	14.3	13	33	13	20.9	G 1/2	35	10
○	KM45BGP 22	22	17	44.0	37.0	19.3	15	38	14	26.4	G 3/4	50	10
○	KM45BGP 28	※	28	53.6	45.5	24.9	16	41	15	33.2	G 1	80	10
○	KM45BGP 36	36	32	64.4	56.0	34.0	19	46	16	41.9	G 1-1/4	115	5
○	KM45BGP 42	42	37	72.0	64.0	38.2	21	51	16	47.8	G 1-1/2	158	5
○	KM45BGP 54	54	49	86.0	77.6	49.5	24	60	18	59.6	G 2	221	2

[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Deliver	Item number	Connctable KEIFLEX	Cable max outside diameter to be inserted	φA	φB C	φd φl	G	H	ℓ1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	KM45BGC 16	16	13	33.0	31.6	14.0	12.2	29	12	20.9	G 1/2	103	10
○	KM45BGC 22	22	17	40.7	38.4	19.0	13.7	32	12	26.4	G 3/4	160	10
○	KM45BGC 28	※	28	47.3	47.6	24.4	16.4	35	14	33.2	G 1	240	5
○	KM45BGC 36	36	32	58.8	57.5	33.0	19.5	38	14	41.9	G 1-1/4	396	5
○	KM45BGC 42	42	37	67.2	65.0	38.1	21.5	44	16	47.8	G 1-1/2	556	2
○	KM45BGC 54	54	49	80.8	76.0	49.4	23.5	48	16	59.6	G 2	845	2

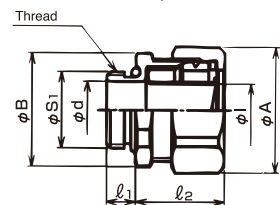
KM SERIES FITTING FOR ELECTRIC DEVICES

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP67	RoHS	Lowest -20 °C ~Highest 90°C

KEIFLEX + ELECTRIC DEVICES



- Straight connector
- Designed for electric devices such as Limit switch / Hood
- Tensile Strength Classification between Connectable KEIFLEX and Connector
Connector nominal size 10 : 500N (Medium by JIS)
Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB, KM, KI



File No. E90119 File No. LR69357
QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

[METRIC THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φd	φI	l1	l2	Thread JIS C 8463		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
—	KMOM 10 16	10	8	27.5						15.9	M16X1.5		10
○	KMOM 10	10	8	27.5	28.7	8.5	8	20	19.9	M20X1.5		44	20
○	KMOM 12 16	12	10	30.4	26.0	10.8	8	21	15.9	M16X1.5		45	10
○	KMOM 12	12	10	30.4	30.4	10.8	8	22	19.9	M20X1.5		53	20
○	KMOM 16	※	16	13	34.2	32.0	14.3	8	22	19.9	M20X1.5	60	20
○	KMOM 22		22	18	41.5	39.8	19.3	8	24	24.9	M25X1.5	95	20
○	KMOM 28		28	24	48.3	47.0	24.9	8	27	31.9	M32X1.5	125	5
○	KMOM 36		36	33	58.8	56.5	34.3	8	30	39.9	M40X1.5	185	5
○	KMOM 36 32		36	25	58.8	56.5	26.7	8	30	31.9	M32X1.5	196	5

For the Item number in , more carefully look at the chart to see the information about "Connectable KEIFLEX" and The nominal size of thread"

File No. E90119 File No. LR69357
QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φd	φI	l1	l2	Thread JIS B 0202		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	KMOG 10	10	8	27.5	28.7	8.5	8	20	20.9	G 1/2		42	20
○	KMOG 12	12	10	30.4	29.2	10.8	8	21	20.9	G 1/2		49	20
○	KMOG 16	※	16	13	34.2	32.0	14.3	8	22	20.9	G 1/2	55	20
○	KMOG 22		22	18	41.5	38.3	19.3	8	24	26.4	G 3/4	85	20
○	KMOG 28		28	23	48.3	47.0	24.8	10	27	33.2	G 1	134	10

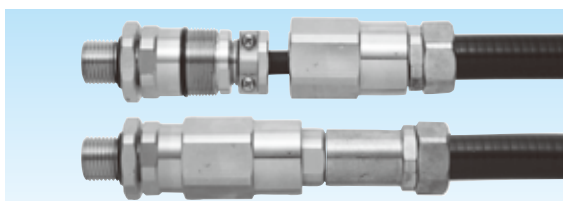
File No. E90119 File No. LR69357
QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

[Pg THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φd	φI	l1	l2	Thread DIN 40 430		Weight (g/pc)	Qty / Package
										φS1	Nominal size		
○	KMOPg 10 09	10	8	27.5	23.3	8.5	6	20	15.2	Pg9	36	20	
○	KMOPg 10 11				27.6					Pg11			41
○	KMOPg 12 09	12	10	30.4	26.0	10.8	6	21	18.6	Pg9	44	20	
○	KMOPg 12 11				26.0					Pg11			43
○	KMOPg 12 13	12	10	30.4	30.8	10.8	8	21	20.4	Pg13.5	49	20	
○	KMOPg 16 13				30.8					Pg13.5			55
○	KMOPg 16 16	16	13	34.2	30.8	14.3	8	21	22.5	Pg16	55	20	
○	KMOPg 16 21				37.2					Pg21			65
○	KMOPg 22 16	22	17	41.5	36.7	17.8	8	24	22.5	Pg16	85	20	
○	KMOPg 22 21				38.3					Pg21			90
○	KMOPg 28 21	28	24	48.3	44.2	23.0	8	26	28.3	Pg21	120	10	
○	KMOPg 28 29				46.8					Pg29			120
○	KMOPg 36 29	36	31	58.8	54.5	31.6	9	29	37.0	Pg29	170	10	
○	KMOPg 36 36				56.3					Pg36			177
○	KMOPg 42 42	42	37	66.8	64.8	38.2	12	31	54.0	Pg42	260	5	

File No. E90119 File No. LR69357
QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

KEIFLEX + EXPLOSION-PROOF TYPE CONNECTOR



Delivery	Item number	Weight (g/pc)	Qty / Package
○	KMO2G16	114	5

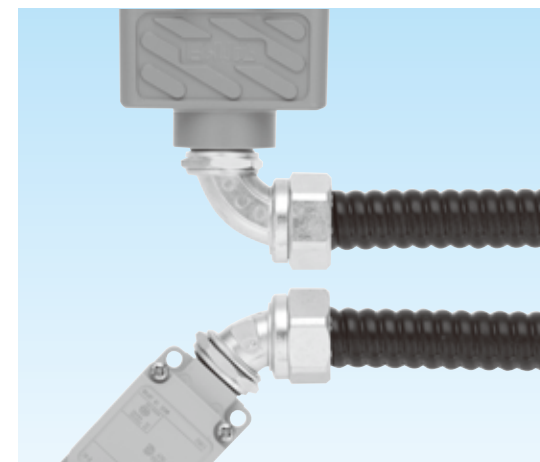
- Straight connector
- Designed to connect KEIFLEX to Explosion-proof type connector of SHIMADA ELECTRIC CO.,LTD./ ITO DENKI CO.,LTD.
- Longer main body of KMO2G is conveniently used during maintenance work.

Contact us for information of product availability and delivery

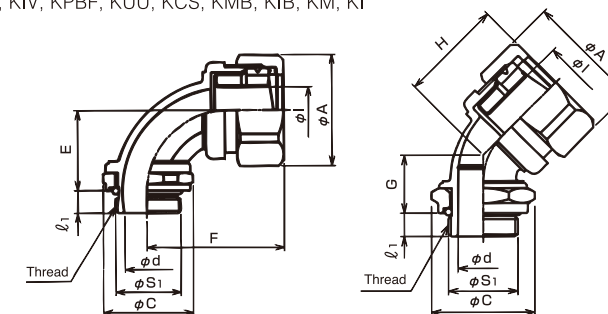
KM SERIES FITTING FOR ELECTRIC DEVICES

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP67	RoHS	Lowest -20 °C ~Highest 90°C

KEIFLEX + ELECTRIC DEVICES



- 45 degree / 90 degree angle-style connector
- Designed for electric devices such as Limit switch / Hood
- Tensile Strength Classification between Connectable KEIFLEX and Connector
Connector nominal size 10 : 500N (Medium by JIS)
Connector nominal size 12 to 54 : 1000N (Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB, KM, KI



File No. E90119 File No. LR69357
QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

90 DEGREE ANGLE STYLE



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φC	φd	φI	E	F	l1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
											φS1	Nominal size		
○	KM90OG 10	10	8	27.5	30.0	8.5	21	34	8	20.9	G 1/2		80	20
○	KM90OG 12	12	10	30.4	30.0	10.8	23	36	8	20.9	G 1/2		90	20
○	KM90OG 16	※	16	12	34.2	30.0	12.8	24	39	8	20.9	G 1/2	110	20
○	KM90OG 22		22	17	41.5	37.0	19.3	30	44	8	26.4	G 3/4	200	10
○	KM90OG 28		28	23	48.3	40.4	24.6	35	50	10	33.2	G 1	214	5

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QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

[METRIC THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φC	φd	φI	E	F	l1	Thread JIS C 8463		Weight (g/pc)	Qty / Package
											φS1	Nominal size		
○	KM90OM 10	10	8	27.5	27.6	8.5	22	34	7	19.9	M20X1.5		71	20
○	KM90OM 12	12	10	30.4	27.6	10.8	24	36	7	19.9	M20X1.5		86	20
○	KM90OM 16	※	16	12	34.2	27.6	13.8	25	39	7	19.9	M20X1.5	96	20
○	KM90OM 22		22	17	41.5	34.0	18.4	30	44	7	24.9	M25X1.5	144	10
○	KM90OM 28		28	23	48.3	40.4	24.6	34	50	7	31.9	M32X1.5	220	5

File No. E90119 File No. LR69357
QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

45 DEGREE ANGLE STYLE



[PARALLEL PIPE THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φC	φd	φI	G	H	l1	Thread JIS B 0202		Weight (g/pc)	Qty / Package
											φS1	Nominal size		
○	KM45OG 10	10	8	27.5	30.0	8.5	10.9	27	8	20.9	G 1/2		75	20
○	KM45OG 12	12	10	30.4	30.0	10.8	12.6	31	8	20.9	G 1/2		85	20
○	KM45OG 16	※	16	12	34.2	30.0	14.3	15.9	27	8	20.9	G 1/2	100	20
○	KM45OG 22		22	17	41.5	37.0	19.3	17.4	29	8	26.4	G 3/4	160	10

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QUALITY STANDARD QUALITY STANDARD
UL LISTED SP

[METRIC THREAD - EXTERNAL THREAD]

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φC	φd	φI	G	H	l1	Thread JIS C 8463		Weight (g/pc)	Qty / Package
											φS1	Nominal size		
○	KM45OM 10	10	8	27.5	27.6	8.5	11.9	27	7	19.9	M20X1.5		75	10
○	KM45OM 12	12	10	30.4	27.6	10.8	13.6	31	7	19.9	M20X1.5		82	10
○	KM45OM 16	※	16	12	34.2	27.6	14.3	16.9	27	7	19.9	M20X1.5	83	10
○	KM45OM 22		22	17	41.5	34.0	19.3	17.4	29	7	24.9	M25X1.5	150	10

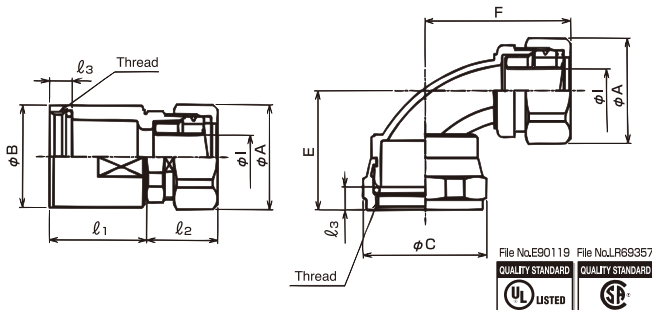
KM SERIES COUPLING FOR MS CONNECTOR

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP67	RoHS	Lowest -20 °C ~Highest 90°C

KEIFLEX + MS CONNECTOR (No backshell type)



- Combination coupling
- Designed for MS connector (No backshell type)
- Style Availability: Straight / 90 degree angle-style
- Shall be fully tightened on MS connector with a tool (Recommended tool: SUPERTOOL MFT68A)
- Tensile Strength Classification between Connectable KEIFLEX and Combination coupling
Combination coupling nominal size 10 : 500N (Medium by JIS)
Combination coupling nominal size 12 to 54 : 1000N (Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB, KM, KI



Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φC	φI	E	F	l1	l2	l3	Connectable MS connector		Weight (kg)			
													Shell size	Thread ASME B1.1	KMKD	KM90KD		
○	10 10	10	8	27.5	19.6	20.2	8.5	32	35	25.0	20	5.0	10SL	9/16- 24UNEF-2B	65	60		
○	10 12												12S	11/16-24UNEF-2B	65	100		
□	10 14				14S	3/4- 20UNEF-2B		73					70					
□	10 16				16/16S	7/8- 20UNEF-2B		78					100					
□	10 18				18	1- 20UNEF-2B		96					100					
○	10 20				20	1-1/8-18UNEF-2B		100					110					
○	12 10			12	10	30.4	19.6	21.3	10.1	33	39	25.0	21	7.0	10SL	9/16- 24UNEF-2B	70	78
○	12 12														12S	11/16-24UNEF-2B	70	100
○	12 14						14S	3/4- 20UNEF-2B		80					84			
○	12 16						16/16S	7/8- 20UNEF-2B		85					91			
○	12 18						18	1- 20UNEF-2B		95					98			
○	12 20						20	1-1/8-18UNEF-2B		100					110			
○	16 10	16	13			34.2	19.6	21.3	10.8	35	44	28.5	21	7.5	10SL	9/16- 24UNEF-2B	70	78
○	16 12														12S	11/16-24UNEF-2B	70	100
○	16 14						14S	3/4- 20UNEF-2B		80					84			
○	16 16						16/16S	7/8- 20UNEF-2B		85					91			
○	16 18						18	1- 20UNEF-2B		95					98			
○	16 20						20	1-1/8-18UNEF-2B		100					110			
○	16 22			22	18	41.5	23.4	23.4	14.3	37	52	31.5	24	10.0	14S	3/4- 20UNEF-2B	85	106
○	16 24														16/16S	7/8- 20UNEF-2B	90	111
○	16 26						18	1- 20UNEF-2B		110					115			
○	16 28						20	1-1/8-18UNEF-2B		120					126			
○	16 30						22	1-1/4-18UNEF-2B		130					138			
○	16 32						24	1-3/8-18UNEF-2B		130					158			
○	16 34	34	24	48.3	23.4	26.6	19.3	39	60	41.5	26	11.0	28	1-5/8-18UNEF-2B	167	186		
○	16 36												16/16S	7/8- 20UNEF-2B	215	215		
○	16 38				18	1- 20UNEF-2B		140					167					
○	16 40				20	1-1/8-18UNEF-2B		147					172					
○	16 42				22	1-1/4-18UNEF-2B		150					182					
○	16 44				24	1-3/8-18UNEF-2B		160					200					
○	16 46	46	28	58.8	23.4	26.6	20.6	46	64	41.5	29	11.0	28	1-5/8-18UNEF-2B	198	230		
○	16 48												32	1-7/8-16UN-2B	242	266		
○	16 50				36	2-1/8-16UN-2B		275					294					
○	16 52				18	1- 20UNEF-2B		168					337					
○	16 54				20	1-1/8-18UNEF-2B		180					226					
○	16 56				22	1-1/4-18UNEF-2B		180					230					
○	16 58	58	32	58.8	23.4	26.6	23.6	47	64	41.5	31	11.0	24	1-3/8-18UNEF-2B	180	250		
○	16 60												28	1-5/8-18UNEF-2B	210	271		
○	16 62				32	1-7/8-16UN-2B		263					310					
○	16 64				36	2-1/8-16UN-2B		300					336					
○	16 66				24	1-3/8-18UNEF-2B		250					348					
○	16 68				28	1-5/8-18UNEF-2B		260					362					
○	16 70	70	36	66.8	23.4	26.6	24.9	54	64	41.5	33	11.0	32	1-7/8-16UN-2B	300	388		
○	16 72												36	2-1/8-16UN-2B	340	427		
○	16 74				18	1- 20UNEF-2B		168					337					
○	16 76				20	1-1/8-18UNEF-2B		180					226					
○	16 78				22	1-1/4-18UNEF-2B		180					230					
○	16 80				24	1-3/8-18UNEF-2B		180					250					
○	16 82	82	44	58.8	23.4	26.6	29.6	57	64	41.5	33	11.0	28	1-5/8-18UNEF-2B	210	271		
○	16 84												32	1-7/8-16UN-2B	263	310		
○	16 86				36	2-1/8-16UN-2B		300					336					
○	16 88				24	1-3/8-18UNEF-2B		250					348					
○	16 90				28	1-5/8-18UNEF-2B		260					362					
○	16 92				32	1-7/8-16UN-2B		300					388					
○	16 94	94	49	80.0	23.4	26.6	33.4	65	64	41.5	31	11.0	36	2-1/8-16UN-2B	340	427		
○	16 96												36	2-1/8-16UN-2B	388	500		
○	16 98				18	1- 20UNEF-2B		168					337					
○	16 100				20	1-1/8-18UNEF-2B		180					226					
○	16 102				22	1-1/4-18UNEF-2B		180					230					
○	16 104				24	1-3/8-18UNEF-2B		180					250					

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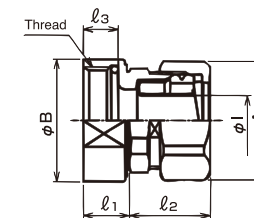
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KM SERIES COUPLING FOR MS CONNECTOR

MAIN MATERIAL	SURFACE FINISH	FEATURE	ENVIRONMENT	TEMPERATURE RANGE
ZDC2	Electroplated zinc	IP67	RoHS	Lowest -20 °C ~Highest 90°C

KEIFLEX + MS CONNECTOR (Backshell assembled type)



- Straight combination coupling
- Designed for MS connector (Backshell assembled type).
- Must be fully tightened on MS connector with a tool (Recommended tool: SUPERTOOL MFT68A)
- Tensile Strength Classification between Connectable KEIFLEX and Combination coupling
Combination coupling nominal size 10 : 500N (Medium by JIS)
Combination coupling nominal size 12 to 54 : 1000N (Heavy by JIS)
- ※ (in the column of "Connectable KEIFLEX" in the chart) denotes KMS, KMV, KPF, KIC, KIH, KIV, KPBF, KUU, KCS, KMB, KIB, KM, KI

Delivery	Item number	Connectable KEIFLEX	Cable max outside diameter to be inserted	φA	φB	φI	l1	l2	l3	Connectable MS connector		Weight (g/pc)		
										Shell size	Thread ASME B1.1			
○	10 10	10	8	27.5	19.7	8.5	12.8	20	10.3	10SL/12S	5/8- 24UNEF-2B	44		
○	10 12									14S	3/4- 20UNEF-2B	47		
□	10 14				16/16S					7/8- 20UNEF-2B	50			
□	10 16				18					1- 20UNEF-2B	55			
○	10 18				20					1-1/8-18UNEF-2B	60			
○	10 20				22					1-1/4-18UNEF-2B	65			
○	12 10			12	10	30.4	19.7	10.8	12.8	21	10.3	10SL/12S	5/8- 24UNEF-2B	50
○	12 12											14S	3/4- 20UNEF-2B	55
○	12 14						16/16S					7/8- 20UNEF-2B	55	
○	12 16						18					1- 20UNEF-2B	60	
○	12 18						20/22					1-3/16-18UNEF-2B	70	
○	12 20						24/28					1-7/16-18UNEF-2B	72	
○	16 10	16	13			34.2	19.7	14.3	12.8	21	10.3	14S	3/4- 20UNEF-2B	65
○	16 12											16/16S	7/8- 20UNEF-2B	65
○	16 14						18					1- 20UNEF-2B	70	
○	16 16						20/22					1-3/16-18UNEF-2B	65	
○	16 18						24/28					1-7/16-18UNEF-2B	85	
○	16 20						16/16S					7/8- 20UNEF-2B	94	
○	16 22			22	18	41.5	19.3	12.8	24	10.3	11.0	18	1- 20UNEF-2B	100
○	16 24											20/22	1-3/16-18UNEF-2B	100
○	16 26											24/28	1-7/16-18UNEF-2B	110
○	16 28											32	1-3/4- 18UNS-2B	130
○	16 30											36	2- 18UNS-2B	140
○	16 32											18	1- 20UNEF-2B	132
○	16 34	34	24	48.3	24.9	12.8	26	10.3	11.0	20/22	1-3/16-18UNEF-2B	130		
○	16 36									24/28	1-7/16-18UNEF-2B	130		
○	16 38									32	1-3/4- 18UNS-2B	150		
○	16 40									36	2- 18UNS-2B	170		
○	16 42									18	1- 20UNEF-2B	132		
○	16 44									20/22	1-3/16-18UNEF-2B	130		
○	16 46	46	28	58.8	30.9	14.4	29	10.3	11.0	24/28	1-7/16-18UNEF-2B	190		
○	16 48													