

**Steckverbindungen
Connectors
Kontaktfiguration
Contactfiguration
Kabel
Cable
Konfektionierungsanleitung
Assembling Instructions**

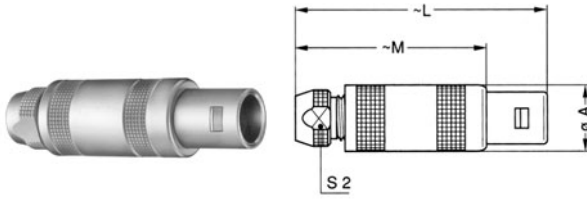


**GEMISCHT / MEHRPOLIG HOCHSTROM
HYBRID / MULTIPOLE HIGH CURRENT**

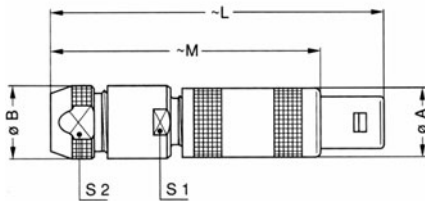
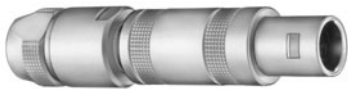
GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
BAUFORM S-SERIE | MODEL S-SERIES



FFA Straight plug, cable collet



Reference		Dimensions (mm)			
Model	Series	A	L	M	S2
FFA	2S	14.8	52	40	11
FFA	3S ✓	17.8	61	46	14
FFA	4S ✓	24.8	77	59	19
FFA	5S ✓	35.1	103	78	29

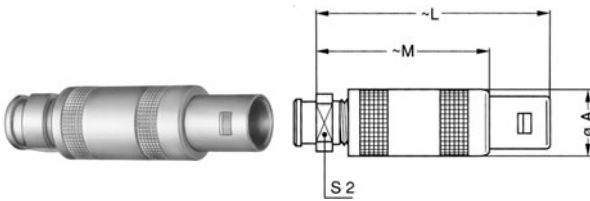


FFA Straight plug with oversize cable collet

Reference		Dimensions (mm)					
Model	Series	A	B	L	M	S1	S2
FFA	2S ✓	14.8	18.0	67	55	14.0	14
FFA	3S ✓	17.8	21.0	85	70	19.0	19
FFA	4S ✓	24.8	31.8	107	89	28.5	29
FFA	5S ✓	35.1	41.8	138	113	37.5	38

Note: the fitting of oversize collets onto this model allows them to be fitted to the cables that can be accommodated by the next housing size up

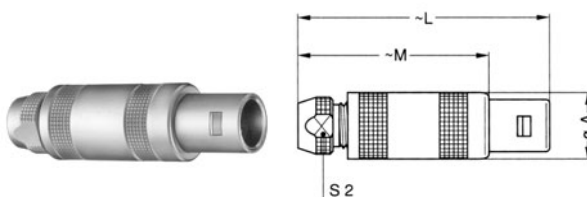
FFA Straight plug, cable collet and nut for fitting a bend relief



Reference		Dimensions (mm)			
Model	Series	A	L	M	S2
FFA	2S ✓	14.8	52	40	12
FFA	3S ✓	17.8	61	46	14
FFA	4S ✓	24.8	77	59	20

Note: the bend relief must be ordered separately (see page 80)

FFP Straight plug, cable collet and inner anti-rotating device



Reference		Dimensions (mm)			
Model	Series	A	L	M	S2
FFP	2S	14.8	52	40	11
FFP	3S ✓	17.8	61	46	14
FFP	4S ✓	24.8	77	59	19



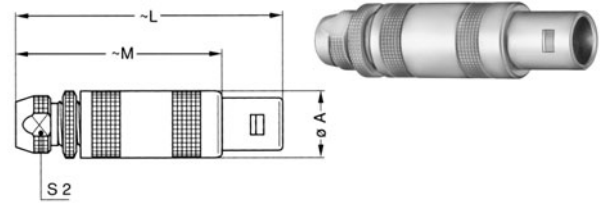
Part number example see page 3



GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT BAUFORM S-SERIE | MODEL S-SERIES

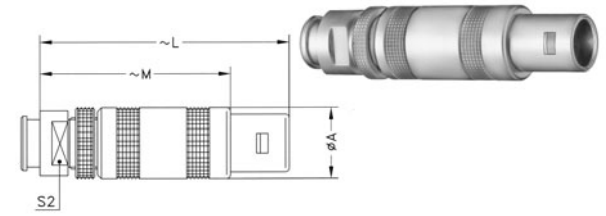
FFB Straight plug, cable collet and safety locking ring

Reference		Dimensions (mm)			
Model	Series	A	L	M	S2
FFB	2S ✓	14.8	55.5	43.5	11.0
FFB	3S ✓	17.8	65.0	50.0	14.0



FFB Straight plug, cable collet and safety locking ring and nut for fitting a bend relief

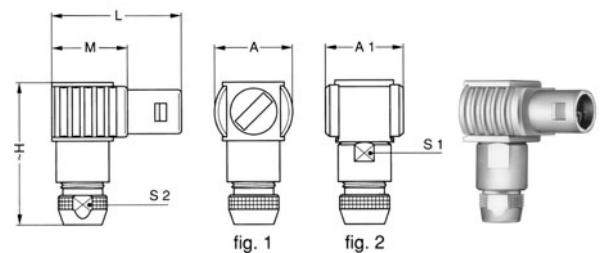
Reference		Dimensions (mm)			
Model	Series	A	L	M	S2
FFB	2S	14.8	55.5	43.5	12
FFB	3S	17.8	65.0	50.0	14



Note: series 2S and 3S are available on request
the bend relief must be ordered separately (see page 80)

FLA Elbow (90°) plug, cable collet

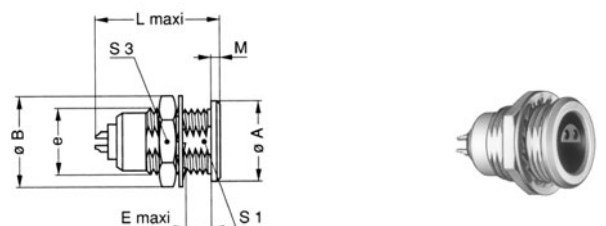
Reference		Dimensions (mm)						
Model	Series	A	A1	H	L	M	S1	S2
FLA	2S	20	20	37.0	31.0	19.0	13	11
FLA	3S	21	21	44.0	38.5	23.5	15	14
FLA	4S ✓	28	28	56.0	49.0	31.0	20	19
FLA	5S ✓	-	37	76.5	65.0	40.0	30	29



Note: fig.1 is used for the unipole type; fig.2 is used for the multipole type

ERA Fixed socket, nut fixing

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L'	M	S1	S3
ERA	2S	18	19.5	M15x1.0	8.5	24.5	26.0	1.8	13.5	17
ERA	3S ✓	22	25.2	M18x1.0	11.5	29.0	30.0	2.0	16.5	22
ERA	4S ✓	28	32.0	M25x1.0	12.0	34.0	36.0	2.5	23.5	30
ERA	5S ✓	40	40.0	M35x1.0	15.5	45.0	78.5	3.0	33.5	-



Note: the 5S series is delivered with a tapered washer and a round nut
1 unipole model

✓ Bei Lemo vorhanden | available at Lemo

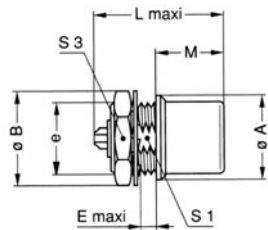
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BAUFORM S-SERIE | MODEL S-SERIES



ERN Fixed socket, nut fixing, with earthing tag

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L'	M	S1	S3
ERN	2S ✓	18	19.5	M15x1.0	8.5	26.3	26.3	1.8	13.5	17
ERN	3S	22	25.2	M18x1.0	11.5	29.8	30.0	2.0	16.5	22

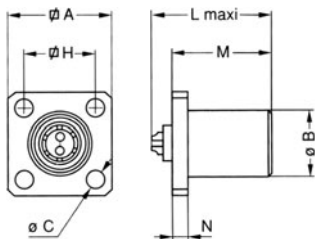
Note: ¹ unipole model



EHP Fixed socket, nut fixing, protruding shell

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L'	M	S1	S3
EHP	3S ✓	22	25.2	M18x1.0	4	29	30	18.7	-	22

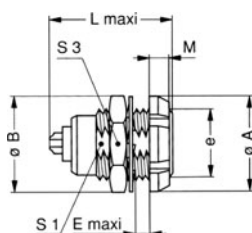
Note: ¹ unipole model



EBC Fixed socket with square flange, protruding shell and screw fixing

Reference		Dimensions (mm)								
Model	Series	A	B	C	H	L	L'	M	N	
EBC	2S	22	15	3.2	15.5	24.5	26.0	18.5	4.4	
EBC	3S	25	18	3.2	18.0	29.0	30.0	23.5	3.0	
EBC	5S ✓	45	40	4.3	36.8	45.0	53.5	15.0	4.0	

Note: ¹ unipole model



ERD Fixed socket with two nuts (back panel mounting)

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L'	M	S1	S3
ERD	2S	20	19.5	M15x1.0	6.5	24.5	26	3.5	13.5	17
ERD	3S ✓	24	25.2	M18x1.0	9.0	29.0	30	4.5	16.5	22
ERD	4S	30	32.0	M25x1.0	10.0	34.0	36	4.5	23.5	30

Note: the 3S and 4S series are delivered with a conical nut ¹ unipole model



Part number example see page 3

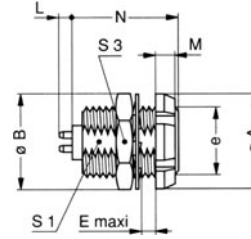


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ECP Fixed socket with two nuts, long threaded shell, with straight contact for printed circuit (back panel mounting)

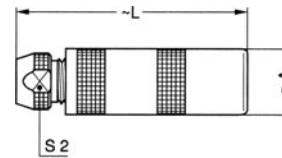
Reference		Dimensions (mm)							
Model	Series	A	B	e	E	M	N	S1	S3
ECP	2S ✓	20	19.5	M15x1.0	11	3.5	20	13.5	17
ECP	3S ✓	24	25.2	M18x1.0	14	4.5	24	16.5	22

Note: This contact type is available for all EXX socket models. Length 'L' depends on the number of contacts. The 3S-series is delivered with a conical nut.



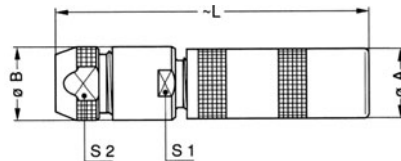
PCA Free socket, cable collet

Reference		Dimensions (mm)		
Model	Series	A	L	S2
PCA	2S	14.8	50	11
PCA	3S ✓	17.8	59	14
PCA	4S ✓	24.8	75	19
PCA	5S ✓	34.7	99	29



PCA Free socket with oversize cable collet

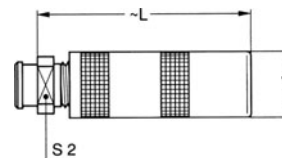
Reference		Dimensions (mm)				
Model	Series	A	B	L	S1	S2
PCA	2S ✓	14.8	18.0	65	14.0	14
PCA	3S ✓	17.8	21.0	83	19.0	19
PCA	4S ✓	24.8	31.8	105	28.5	29



Note: the fitting of oversize collets onto this model allows it to be fitted to the cables that can be accommodated by the next housing size up

PCA Free socket, cable collet and nut for fitting a bend relief

Reference		Dimensions (mm)		
Model	Series	A	L	S2
PCA	2S ✓	14.8	50	12
PCA	3S ✓	17.8	59	14
PCA	4S ✓	24.8	75	20

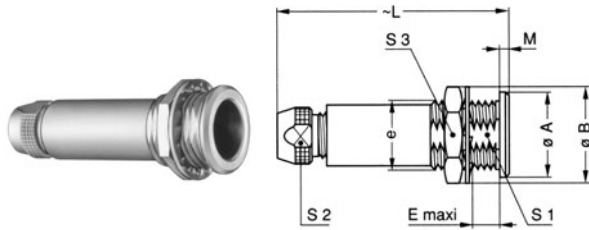


Note: the bend relief must be ordered separately (see page 80)

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BAUFORM S-SERIE | MODEL S-SERIES



PSA Fixed socket, nut fixing, cable collet



Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
PSA	2S	18	19.5	M15x1.0	8.5	50	1.8	13.5	11	17
PSA	3S ✓	22	25.2	M18x1.0	11.5	59	2.0	16.5	14	22
PSA	4S ✓	28	32.0	M25x1.0	12.0	75	2.5	23.5	19	30
PSA	5S ✓	40	40.0	M35x1.0	15.5	99	3.0	33.5	29	-

Note: the 5S series is delivered with a tapered washer and a round nut

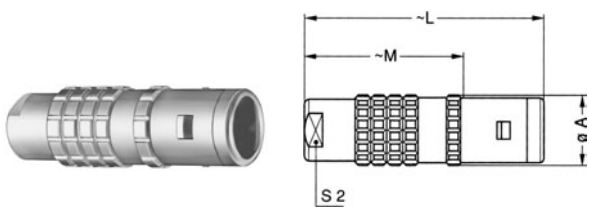
PSP Fixed socket, nut fixing, cable collet and inner anti-rotating device



Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
PSP	2S	18	19.5	M15x1.0	8.5	50	1.8	13.5	11	17
PSP	3S	22	25.2	M18x1.0	11.5	59	2.0	16.5	14	22
PSP	4S ✓	28	32.0	M25x1.0	12.0	75	2.5	23.5	19	30

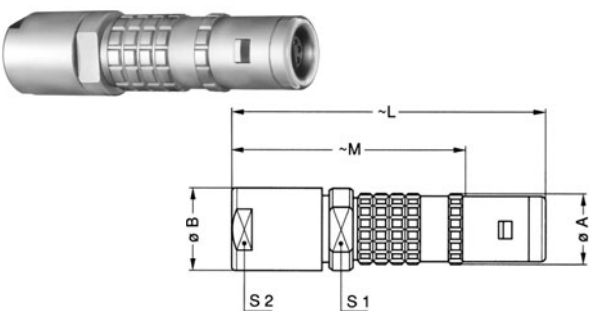
BAUFORM E-SERIE | MODEL E-SERIES

FFA Straight plug, cable collet – watertight



Reference		Dimensions (mm)			
Model	Series	A	L	M	S2
FFA	2E ✓	16	52	36.0	12
FFA	3E ✓	19	61	41.0	15
FFA	4E ✓	25	71	50.5	19
FFA	5E	38	92	67.0	32

FFA Straight plug with oversize cable collet – watertight



Reference		Dimensions (mm)					
Model	Series	A	B	L	M	S1	S2
FFA	2E ✓	16	17	65	49	15	15
FFA	3E ✓	19	22	80	60	19	19
FFA	4E ✓	25	36	105	84	30	32

Note: the fitting of oversize collets onto this model allows them to be fitted to the cables that can be accommodated by the next housing size up

✓ Bei Lemo vorhanden | available at Lemo



Part number example see page 3

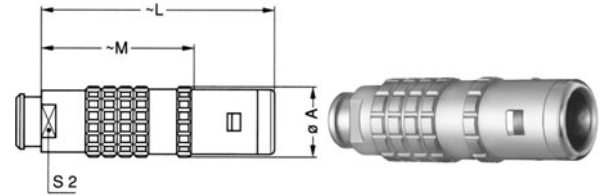


GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
BAUFORM E-SERIE | MODEL E-SERIES

FFA straight plug, cable collet and nut for fitting a bend relief – watertight

Reference		Dimensions (mm)			
Model	Series	A	L	M	S2
FFA	2E ✓	16	52	36.0	12
FFA	3E ✓	19	60	40.0	15
FFA	4E ✓	25	71	50.5	19

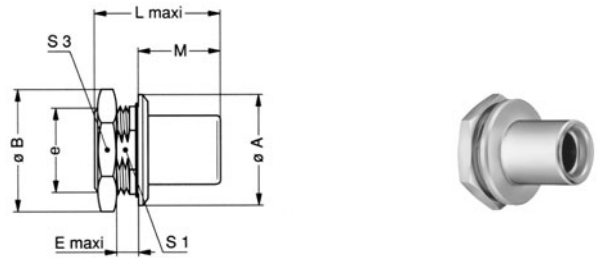
Note: the bend relief must be ordered separately (see page 80)



FAA Fixed plug non-latching, nut fixing – watertight

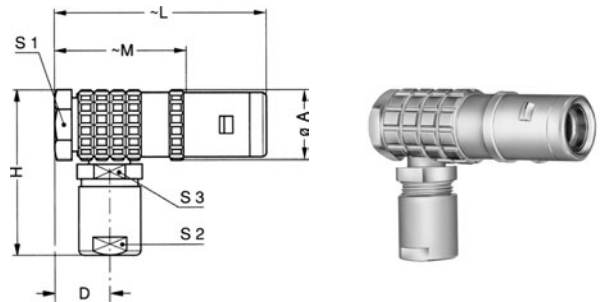
Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L'	M	S1	S3
FAA	2E	25	27.5	M20x1.0	4.0	27.0	27.0	18.0	18.5	24
FAA	3E ✓	31	34.5	M24x1.0	4.5	32.5	32.5	22.5	22.5	30

Note: ¹ unipole model



FLA Elbow (90°) plug, cable collet – watertight

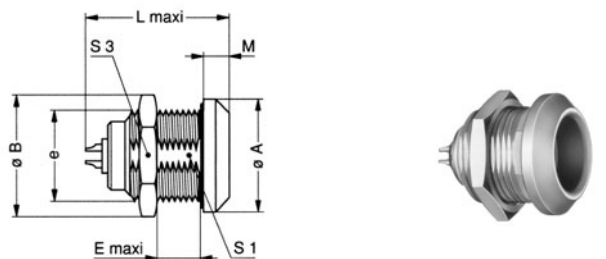
Reference		Dimensions (mm)							
Model	Series	A	D	H	L	M	S1	S2	S3
FLA	2E	17.5	10.5	40	51	35.0	15	12	13
FLA	3E ✓	21.0	11.5	47	60	40.0	18	15	15
FLA	4E	27.5	15.5	57	72	51.5	24	19	20



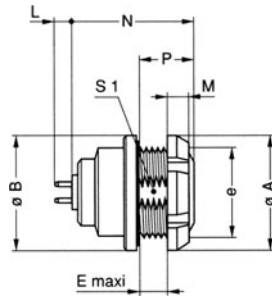
ERA Fixed socket, nut fixing – watertight

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L'	M	S1	S3
ERA	2E ✓	25	27.5	M20x1.0	9	28.5	30	5.0	18.5	24
ERA	3E ✓	31	34.5	M24x1.0	11	34.0	35	6.0	22.5	30
ERA	4E ✓	37	41.5	M30x1.0	9	36.0	38	6.5	28.5	36
ERA	5E	55	54.0	M45x1.5	10	44.5	78	9.0	42.5	-

Note: the 5E series is delivered with a round nut.
¹ unipole model



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BAUFORM E-SERIE | MODEL E-SERIES

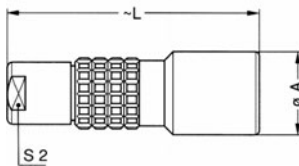
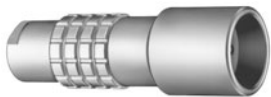


EEP Fixed socket, nut fixing, with straight contact for printed circuit (back panel mounting) – watertight

Reference		Dimensions (mm)							
Model	Series	A	B	e	E	M	N	P	S1
EEP	2E ✓	25	25	M20x1.0	5	3.5	25.5	10	18.5
EEP	3E ✓	30	31	M24x1.0	7	4.5	30.5	12	22.5

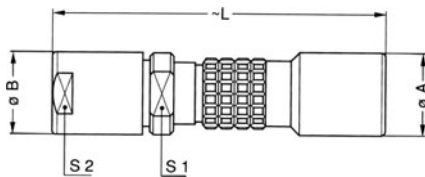
Note: length 'L' depends on the number of contacts

PCA Free socket, cable collet – watertight



Reference		Dimensions (mm)		
Model	Series	A	L	S2
PCA	2E ✓	19	54.0	12
PCA	3E ✓	23	65.0	15
PCA	4E ✓	29	75.5	19
PCA	5E	42	95.0	32

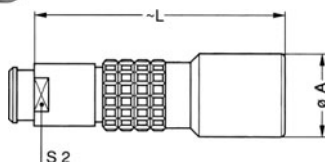
PCA Free socket with oversize cable collet – watertight



Reference		Dimensions (mm)				
Model	Series	A	B	L	S1	S2
PCA	2E ✓	19	17	67	15	15
PCA	3E ✓	23	22	84	19	19
PCA	4E ✓	29	36	109	30	32

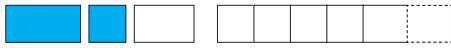
Note: the fitting of oversize collets onto this model allows them to be fitted to the cables that can be accommodated by the next housing size up

PCA Free socket, cable collet and nut for fitting a bend relief – watertight



Reference		Dimensions (mm)		
Model	Series	A	L	S2
PCA	2E ✓	19	54.0	12
PCA	3E ✓	23	64.0	15
PCA	4E ✓	29	75.5	19

Note: the bend relief must be ordered separately (see page 80)



Part number example see page 3

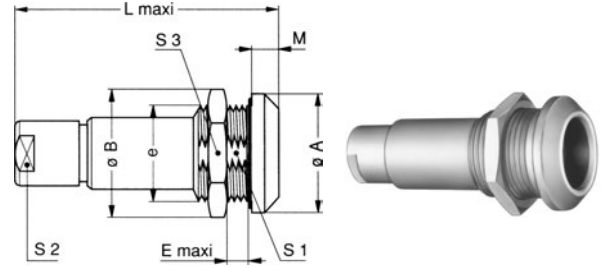


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PSA Fixed socket, nut fixing, cable collet – watertight

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
PSA	2E	25	27.5	M20x1.0	9	54.0	5.0	18.5	12	24
PSA	3E	31	34.5	M24x1.0	11	65.0	6.0	22.5	15	30
PSA	4E ✓	37	41.5	M30x1.5	9	75.5	6.5	28.5	19	36
PSA	5E	51	54.0	M45x1.5	10	95.0	9.0	-	32	54

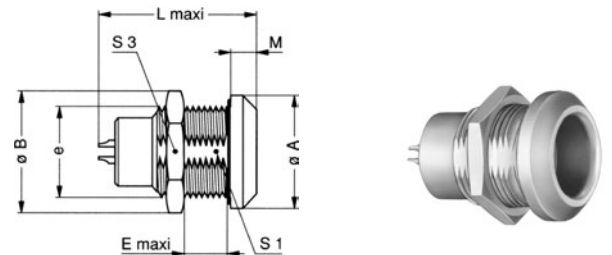
Note: the 5E series is delivered with a round nut



HGP Fixed socket, nut fixing, watertight and vacuumtight

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L'	M	S1	S3
HGP	2E ✓	25	27.5	M20x1.0	10.5	32.5	28.0	5.0	18.5	24
HGP	3E ✓	31	34.5	M24x1.0	15.5	39.5	38.5	6.0	22.5	30
HGP	4E	37	41.5	M30x1.0	17.5	43.0	44.0	6.5	28.5	36
HGP	5E	55	54.0	M45x1.5	20.0	52.0	76.0	9.0	42.5	-

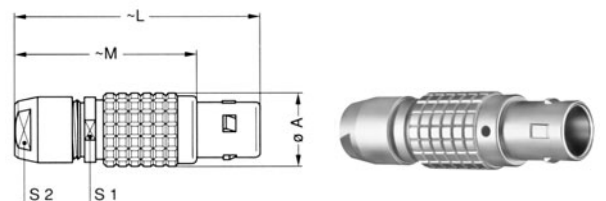
Note: the 5E series is delivered with a round nut
 1 unipole model



BAUFORM B-SERIE | MODEL B-SERIES

FGG Straight plug with key (G) or keys (code A to M and R)

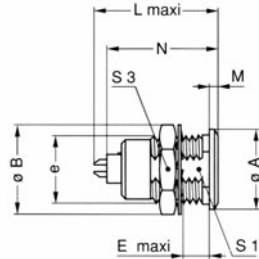
Reference		Dimensions (mm)				
Model	Series	A	L	M	S1	S2
FGG	1B ✓	12	43	32	10	9
FGG	2B ✓	15	49	37	13	12
FGG	3B ✓	18	58	43	15	14
FGG	4B ✓	25	75	57	21	20
FGG	5B ✓	35	103	78	31	30



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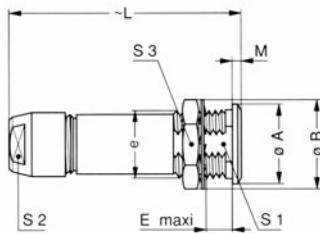


EGG Fixed socket with nut fixing and key (G) or keys (code A to M and R)



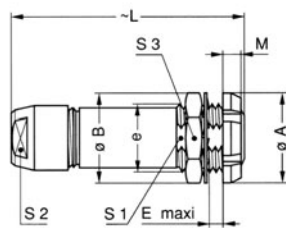
Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
EGG	1B ✓	14	16	M12x1.0	7.5	21.7	1.5	19.5	10.5	14
EGG	2B ✓	18	20	M15x1.0	8.5	25.0	1.8	21.5	13.5	17
EGG	3B ✓	22	25	M18x1.0	11.5	30.0	2.0	25.5	16.5	22
EGG	4B ✓	28	32	M25x1.0	12.0	34.5	2.5	30.5	23.5	30
EGG	5B ✓	40	40	M35x1.0	15.5	45.5	3.0	36.5	33.5	-

PKG Fixed socket with nut fixing and key (G) or keys (code A to M and R) and cable collet



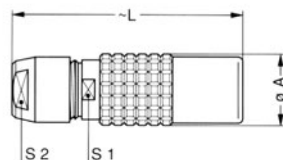
Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
PKG	1B ✓	14	16.0	M12x1.0	7.5	40.5	1.5	10.5	9	14
PKG	2B ✓	18	19.5	M15x1.0	8.5	47.0	1.8	13.5	12	17
PKG	3B ✓	22	25.0	M18x1.0	11.5	56.0	2.0	16.5	14	22
PKG	4B ✓	28	32.0	M25x1.0	12.5	73.0	2.5	23.5	20	30
PKG	5B ✓	40	40.0	M35x1.0	11.0	99.0	3.0	33.5	30	-

PFG Fixed socket with two nuts, key (G) or keys (code A to M and R) and cable collet



Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
PFG	1B ✓	16	16	M12x1.0	5.0	40.5	3.5	10.5	9	14
PFG	2B ✓	20	20	M15x1.0	6.5	47.0	3.5	13.5	12	17
PFG	3B ✓	24	25	M18x1.0	9.0	56.0	4.5	16.5	14	22
PFG	4B ✓	30	32	M25x1.0	11.0	73.0	4.5	23.5	20	30

PHG Free socket with key (G) or keys (code A to M and R) and cable collet



Reference		Dimensions (mm)			
Model	Series	A	L	S1	S2
PHG	1B ✓	12.5	40.5	10	9
PHG	2B ✓	16.5	47.0	13	12
PHG	3B ✓	19.0	56.0	15	14
PHG	4B ✓	24.4	73.0	21	20
PHG	5B ✓	34.2	99.0	31	30



Part number example see page 3



GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
BAUFORM K-SERIE | MODEL K-SERIES

FGG Straight plug with key (G) or keys (code A to F and L) and cable collet – watertight

Reference		Dimensions (mm)				
Model	Series	A	C	L	M	S2
FGG	1K ✓	13	7.1	42	28.0	8.9
FGG	2K ✓	16	9.2	52	36.0	11.9
FGG	3K ✓	19	10.5	61	41.0	14.9
FGG	4K ✓	25	14.0	71	50.5	18.9
FGG	5K ✓	38	23.5	92	67.0	31.9



FGG Straight plug with key (G) or keys (code A to F and L) and oversize collet – watertight

Reference		Dimensions (mm)						
Model	Series	A	B	C	L	M	S1	S2
FGG	1K ✓	13	14.5	9.2	55	41	11.9	11.9
FGG	2K ✓	16	17.0	10.5	65	49	14.9	14.9
FGG	3K ✓	19	22.0	15.3	80	60	18.9	18.9
FGG	4K ✓	25	36.0	23.5	105	84	30.0	31.9



FGG Straight plug with key (G) or keys (code A to F and L) and bend relief – watertight

Reference		Dimensions (mm)				
Model	Series	A	C	L	M	S2
FGG	1K ✓	13	7.1	45.0	31.0	9.0
FGG	2K ✓	16	8.7	49.0	33.0	11.9
FGG	3K ✓	19	10.8	62.0	42.0	15.0
FGG	4K ✓	25	15.3	78.5	50.5	18.9



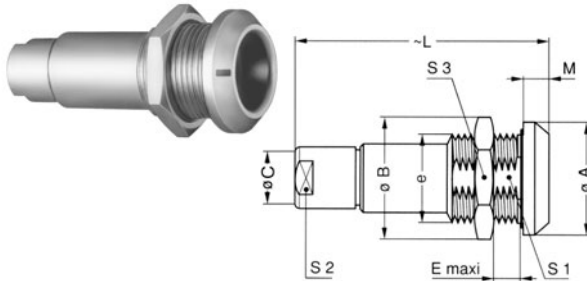
Note: the bend relief must be ordered separately (see page 82)

EGG Fixed socket with nut fixing and key (G) or keys (code A to F and L) – watertight

Reference		Dimensions (mm)							
Model	Series	A	B	e	E	L	M	S1	S3
EGG	1K ✓	20	21.5	M16x1.0	9	26.0	4.5	14.5	19
EGG	2K ✓	25	27.5	M20x1.0	9	29.0	5.0	18.5	24
EGG	3K ✓	31	34.5	M24x1.0	11	34.5	6.0	22.5	30
EGG	4K ✓	37	41.5	M30x1.0	9	35.0	6.5	28.5	36
EGG	5K ✓	54	54.0	M45x1.5	10	43.5	9.0	42.5	54

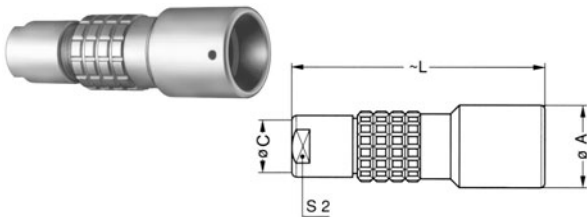


GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
BAUFORM K-SERIE | MODEL K-SERIES



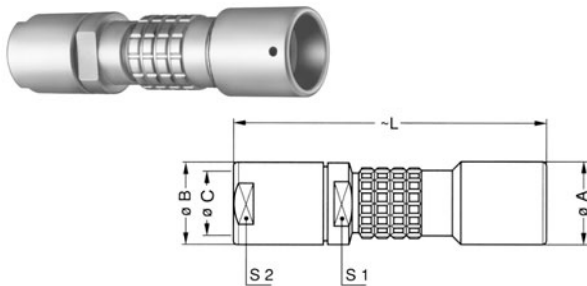
PKG Fixed socket, nut fixing, with key (G) or keys (code A to F and L) and cable collet – watertight

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
PKG	1K ✓	20	21.5	M16x1.0	9	45.0	4.5	14.5	9	19
PKG	2K ✓	25	27.5	M20x1.0	9	54.0	5.0	18.5	12	24
PKG	3K ✓	31	34.5	M24x1.0	11	65.0	6.0	22.5	15	30
PKG	4K ✓	37	41.5	M30x1.0	9	75.5	6.5	28.5	19	36
PKG	5K ✓	55	54.0	M45x1.0	15	95.0	9.0	42.5	32	-



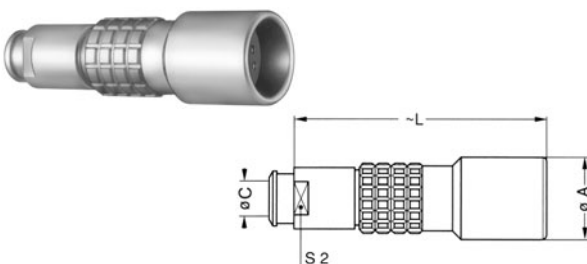
PHG Free socket, nut fixing, with key (G) or keys (code A to F and L) and cable collet – watertight

Reference		Dimensions (mm)			
Model	Series	A	C	L	S2
PHG	1K ✓	15	7.1	45.0	8.9
PHG	2K ✓	19	9.2	54.0	11.9
PHG	3K ✓	23	10.5	65.0	14.9
PHG	4K ✓	29	14.0	75.5	18.9
PHG	5K ✓	42	23.5	95.0	31.9



PHG Free socket, nut fixing, with key (G) or keys (code A to F and L) and oversize collet – watertight

Reference		Dimensions (mm)					
Model	Series	A	B	C	L	S1	S2
PHG	1K ✓	15	14.5	9.2	58.0	11.9	11.9
PHG	2K ✓	19	17.0	10.5	67.0	14.9	14.9
PHG	3K ✓	23	22.0	14.0	86.0	18.9	18.9
PHG	4K ✓	29	36.0	14.0	123.5	30.0	31.9



PHG Free socket, nut fixing, with key (G) or keys (code A to F and L) and nut for fitting a bend relief – watertight

Reference		Dimensions (mm)			
Model	Series	A	C	L	S2
PHG	1K ✓	15	7.1	48.0	9.0
PHG	2K ✓	19	9.2	57.0	11.9
PHG	3K ✓	23	10.5	66.0	15.0
PHG	4K ✓	29	14.0	75.5	18.9

Note: the bend relief must be ordered separately (see page 80)



Part number example see page 3



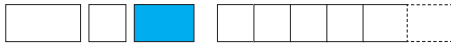
GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
KONTAKTFIGURATION SERIE S+E | CONTACTFIGURATION SERIES S+E

Soldersided seen		Order-No.	Size	Impedance	Contact- ϕ	Max. conductor- ϕ	Valid current	Supply voltage		Test voltage		Cable-order-no.	Type of insulation	Delivery time
Male contact	Female contact							U_s (KV dc)	K-M	K-K	K-M			
Ω	mm	mm	A	K-K	K-M	K-K	K-M							
		702	2	-	1.3 3.0	1.0 2.7	15 -	0.6 3.5	0.8 5.0	1.8 -	2.4 -	020 140 106 330	mixed	●
		702	3	-	1.3 2.0 2.0	1.0 1.8 1.8	10 18	3.0 0.35	3.0 0.5	4.5 1.0	4.5 1.5	317 440	mixed	●○
		703	3	-	1.3 1.3	1.0 1.0	3 14	3.0 0.7	3.0 1.0	4.5 2.1	4.5 3.0	317 440	mixed	●○
		704	3	-	1.3 1.3	1.0 1.0	3 10	3.0 0.35	3.0 0.5	4.5 1.0	4.5 1.5	317 440	mixed	●
		705	3	-	1.3 1.3	1.0 1.0	3 9	3.0 0.35	3.0 0.5	4.5 1.0	4.5 1.5	317 480	mixed	●
		706	3	-	1.3 1.3	1.0 1.0	3 8	3.0 0.35	3.0 0.5	4.5 1.0	4.5 1.5	317 480	mixed	●
		707	3	-	1.3 1.3	1.0 1.0	3 8	3.0 0.35	3.0 0.5	4.5 1.0	4.5 1.5	317 480	mixed	●
		708	3	-	1.3 0.9	1.0 0.8	8 6	3.0 0.25	3.0 0.4	4.5 0.8	4.5 1.2	317 480	mixed	●
		732	3	-	1.3 1.3	1.0 1.0	10 14	3.0 0.7	3.0 1.0	4.5 2.1	4.5 3.0	321 740	mixed	●
		734	3	-	1.3 1.3	1.0 1.0	3 10	3.0 0.7	3.0 1.0	4.5 2.1	4.5 3.0	321 740	mixed	●
		702	4	-	2.0 3.0	1.8 2.7	6 22	3.0 0.7	3.0 1.0	4.5 2.1	4.5 3.0	RG-cable	mixed	●
		703	4	-	2.0 2.0	1.8 1.8	6 16	3.0 0.7	3.0 1.0	4.5 2.1	4.5 3.0	on request	mixed	●
		704	4	-	2.0 1.3	1.8 1.0	6 13	3.0 0.9	3.0 1.3	4.5 2.7	4.5 3.9	on request	mixed	●

GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
KONTAKTFIGURATION SERIE S+E | CONTACTFIGURATION SERIES S+E



Soldersided seen		Order-No.	Size	Impedance	Contact- ϕ	Max. conductor- ϕ	Valid current	Supply voltage U_s (kV dc)		Test voltage U_e (kV dc)		Cable-order-no.	Type of insulation	Delivery time
Male contact	Female contact							K-K	K-M	K-K	K-M			
		705	4	-	2.0	1.8	6	3.0	3.0	4.5	4.5	on request	mixed	●
				-	1.3	1.0	11	0.7	1.0	8.0	8.0			
		706	4	-	2.0	1.8	6	3.0	3.0	4.5	4.5	on request	mixed	●
				-	1.3	1.0	9	0.7	1.0	8.0	8.0			
		707	4	-	2.0	1.8	6	3.0	3.0	4.5	4.5	on request	mixed	●
				-	1.3	1.0	9	0.7	1.0	8.0	8.0			
		708	4	-	2.0	1.8	6	3.0	3.0	4.5	4.5	on request	mixed	●
				-	1.3	1.0	9	0.7	1.0	8.0	8.0			
		709	4	-	2.0	1.8	6	3.0	3.0	4.5	4.5	on request	mixed	●
				-	0.9	0.7	7	0.7	1.0	2.1	3.0			
		712	4	-	2.0	1.8	6	3.0	3.0	4.5	4.5	on request	mixed	●
				-	0.9	0.8	7	0.7	1.0	2.1	3.0			
		734	4	-	2.0	1.8	14	3.0	3.0	4.5	4.5	on request	mixed	●
				-	1.3	1.0	13	0.7	1.0	2.1	3.1			
		714	4	-	2.0	1.8	14	3.0	3.0	4.5	4.5	on request	mixed	●
				-	0.9	0.8	7	0.7	1.0	2.1	3.0			
		735	4	-	2.0	1.8	14	3.0	3.0	4.5	4.5	on request	mixed	●
				-	1.3	1.0	11	0.7	1.0	2.1	3.0			
		737	4	-	2.0	1.8	14	3.0	3.0	4.5	4.5	on request	mixed	●
				-	1.3	1.0	9	0.7	1.0	2.1	3.0			
		742	4	-	2.0	1.8	15	3.0	3.0	4.5	4.5	on request	mixed	●
				-	0.9	1.0	7	0.7	1.0	2.1	3.0			
		706	5	-	2.0	1.8	10	5.0	5.0	7.5	7.5	on request	mixed	○
				-	2.0	1.8	10	0.8	1.0	14.0	14.0			



Part number example see page 3



GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
KONTAKTFIGURATION SERIE S+E | CONTACTFIGURATION SERIES S+E

Soldersided seen		Order-No.	Size	Impedance	Contact- ϕ	Max. conductor- ϕ	Valid current	Supply voltage U_s (kV dc)		Test voltage U_e (kV dc)		Cable-order-no.	Type of insulation	Delivery time
Male contact	Female contact							K-K	K-M	K-K	K-M			
		708	5	-	2	1.8	10	5.0	5.0	7.5	7.5	on request	mixed	○
		710	5	-	2	1.8	20	5.0	5.0	7.5	7.5	on request	mixed	○
		724	5	-	2	1.8	10	5.0	5.0	7.5	7.5	on request	mixed	○
		730	5	-	3	2.7	12	10	10	15	15	on request	mixed	○
		733	5	-	2	1.8	6	5.0	5.0	7.5	7.5	see catalogue	mixed	○
		736	5	-	2	1.8	15	5.0	5.0	7.5	7.5	see catalogue	mixed	○
		738	5	-	2	1.8	6	5.0	5.0	7.5	7.5	see catalogue	mixed	○
		740	5	-	2	1.8	20	5.0	5.0	7.5	7.5	see catalogue	mixed	○
		754	5	-	2	1.8	6	5.0	5.0	7.5	7.5	catalogue	mixed	○
		746	5S	-	1.3	1.0	6	0.4	0.6	1.6	2.2	316 250	mixed	●
		760	5S	-	2.0	1.8	-	3.5	5.0	-	-	106 330	mixed	●
		760	5S	-	1.3	1.0	6	0.4	0.6	1.2	1.8	430 250	mixed	●
		760	5S	-	2.0	1.8	-	3.5	5.0	-	-	106 330	mixed	●

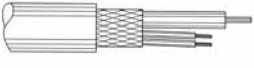

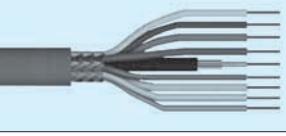
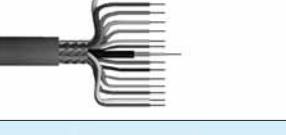
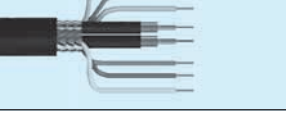
GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
KONTAKTFIGURATION SERIE B+K | CONTACTFIGURATION SERIES B+K



Soldersided seen		Order-No.	Standart Group	Watertight Group	High Voltage (HV)					Low Voltage (LV)								
Male contact	Female contact				Nb of contacts	ø Dielectric	AWG max	Us (kV r.m.s.)	Us (kV dc)	Nb of contacts	ø A	Contact Type		Us (kV r.m.s.)	Us (kV dc)	Test Voltage (kV r.m.s.)	Test Voltage (kV dc)	Rated Current
					mm		kV	kV		mm	To solder	To crimp	kV	kV	kV	kV	A	
		702	1B	1K	1	2.0	26	2.1	3.0	2	1.3	●	○	0.40	0.60	1.2	1.8	12.0
		731	1B	1K	2	0.7	-	-	-	1	1.3	●	○	0.40	0.60	1.2	1.8	12.0
		704	2B	2K	1	2.0	20	2.1	3.0	4	0.7	●	○	0.40	0.60	1.2	1.8	5.0
		718	3B	-	1	2.0	22	3.0	-	18	0.7	●	●	-	0.60	-	2.0	5.5
		740	3B	-	2	2.0	22	3.0	-	10	0.7	●	●	-	0.60	-	2.0	5.5
		745	4B	4K	2	2.0	22	5.6	8.0	16	0.9	●	●	0.63	0.90	1.9	2.7	7.0
		752	5B	5K	2	3.8	14	1.5	2.2	20	1.3	●	●	0.53	0.70	1.6	2.3	10.0
										2	1.6	●	○	0.90	1.30	2.9	4.1	10.0
		759	5B	5K	2	2.0	22	5.6	8.0	54	0.9	●	●	0.53	0.70	1.6	2.3	3.0



GEMISCHT/MEHRPOLIG HOCHSTROM | HYBRIDE/MULTIPOLE HIGH CURRENT
PVC-ISOLIERTE KOMBINATIONSKABEL | PVC-INSULATED COMBINATION CABLES

	Lead Time		Price	Order-No.	Amount of Order	Wave impedance	Constructed of	Twisting	Tape	Screen		Outer Sheath	
	Stk.	Req.	€/m							Mat.	Mat.	Ø	
					m	$\Omega (\pm 2)$							mm
	x	-	3.38	317 440	20/100	50	1 coax cable type RG 174 A/U as well as 4 control wires 14x0.15 mm cross section 0.25 mm ²	RG 174+ control wires	PETP-Folie	CuSn	PVC gr	7.2	
	x	-	4.97	317 480	20/100	50	1 coax cable type RG 174 A/U as well as 8 control wires 14x0.15 mm cross section 0.25 mm ²	RG 174+ control wires	PETP-Folie	CuSn	PVC gr	7.3	
	x	-	6.03	417 410	20/100	50	1 coax cable type RG 174 A/U as well as 14 control wires 14x0.15 mm cross section 0.25 mm ²	RG 174+ control wires	PETP-Folie	CuSn	PVC gr	10.0	
	x	-	5.58	321 740	20/100	50	1 coax cable type RG 174 A/U as well as 6 control wires 18x0.10 mm cross section 0.14 mm ²	RG 174+ control wires	PETP-Folie	CuSn	PVC bk	8.0	



Due to different cables,
 please ask for the stripping length





Housings (Y-series)



Reference	Material
C	Brass

Detailed characteristics of these materials are presented on table.

Insulators (Y-series)



Reference	Material or form	Note
L	PEEK	●
T	PTFE	●

Detailed characteristics of these materials are presented on table.

Contacts (Y-series)



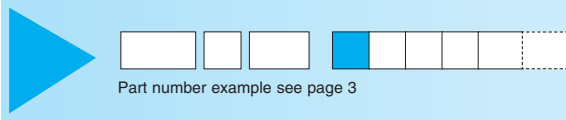
Contacts for plugs, free or fixed sockets

Reference	Contact type
A	Male solder
L	Female solder

Material and treatment

Component (see picture page 16)	Material (Standard)	Surface treatment (µm)			
		Cu	Ni	Cr	Au
Outer shell and collet nut	Brass (ASTM C 385)	0.5	3	0.3	
Earthing crown	Cu-Be (FS-QQ-C-530)	0.5	3		1.5
Latch sleeve	Special brass	0.5	3	0.3	
Locking ring	Brass (ASTM C 385)	0.5	3		
Inner sleeve	Brass (ASTM C 385)	0.5	3		
Other metallic parts	Brass (ASTM C 385)	0.5	3		
O-ring	Silicone rubber (ASTM D 200)				
Insulator	PTFE (ASTM D 1457-83)				
	PEEK (MIL-P-46183)				
Male contact	Brass (ASTM C 385)	0.5	3		1.5
Female contact	Cu-Be (FS-QQ-C-530)	0.5	3		2.0

The surface treatment standards are as follows:
 - Nickel FS-QQ-N-290A
 - Chrome FS-QQ-C-320B
 - Gold MIL-G-45204C type I, class 1.

Part number example see page 3

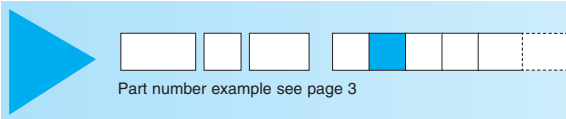
Housings (B + K series)

Ref.	Material	Surface treatment		Note
		Outer shell and collet nut	Latch sleeve and earthing crown	
C	Brass	chrome	nickel	●
N	Brass	nickel	nickel	○
K	Brass	black chrome	nickel	○
S	Stainless steel	without treatment	nickel-plated brass	○
T	Stainless steel	without treatment	stainless steel	○
U	Stainless steel ¹⁾	without treatment	stainless steel	○
L	Aluminium alloy ²⁾	anodized	nickel-plated brass	○
G	PEEK ³⁾	without treatment	nickel-plated brass	○
P	PSU ⁴⁾	without treatment	nickel-plated brass	○
R	PPSU ⁵⁾	without treatment	nickel-plated brass	○
X	Avional ⁶⁾	nickel	nickel-plated brass	○

Note:
detailed characteristics of these materials and treatments are presented on Unipole/Multipole catalogue.

¹⁾ the other metallic parts are in stainless steel.
²⁾ the „variant“ position of the reference is used to specify the anodized colour.
³⁾ only available for FGG and ENG models of the B series.
⁴⁾ only available for ENY and FGY models of the B series. For the colour, see the „variant“ position.
⁵⁾ only available for ENY and FGY models of the B series.
⁶⁾ anthracite colour.

● First choice alternative
 ○ Special order alternative

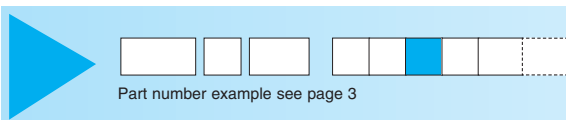


Part number example see page 3

Insulators (B + K series)

Reference	Material
L	PEEK

Detailed characteristics of these materials are presented on Unipole/Multipole catalogue.



Part number example see page 3

Contacts (B + K series)

Contacts for plugs, free or fixed sockets

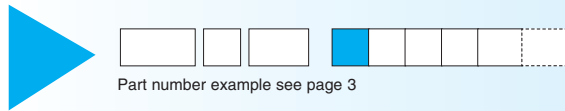
Reference	Contact type
A	Male solder
C	Male crimp (fig.1) ¹⁾
B	Male crimp (fig.2) ¹⁾
G	Male crimp (fig.2) ¹⁾

Reference	Contact type
L	Female solder
M	Female crimp (fig.1) ¹⁾
P	Female crimp (fig.2) ¹⁾
U	Female crimp (fig.2) ¹⁾

Note:
¹⁾ there are two forms of crimp barrels. Please consult adjacent table for contact selection and see Unipole/Multipole catalogue.



MATERIALIEN | MATERIALS
SERIE S+E | SERIES S+E



Housings (S + E series)

Ref.	Material	Surface treatment		Note
		Outer shell and collet nut	Latch sleeve and earthing crown	
C	Brass ¹⁾	chrome	nickel	●
D	Brass	gold-plated	nickel	○
N	Brass	nickel	nickel	○
K	Brass	black chrome	nickel	○
S	Stainless steel	without treatment	nickel-plated brass	○
T	Stainless steel	without treatment	stainless steel	○
U	Stainless steel ²⁾	without treatment	stainless steel	○
L	Aluminium alloy ³⁾	anodized	nickel-plated brass	○
B	POM black ⁴⁾	without treatment	nickel-plated brass	○
G	PEEK ⁴⁾	without treatment	nickel-plated brass	○
P	PSU ⁵⁾	without treatment	nickel-plated brass	○
R	PPSU ⁶⁾	without treatment	nickel-plated brass	○

Note:
detailed characteristics of these materials are presented on Unipole/Multipole catalogue.

¹⁾ in the E series the latch sleeve is chrome-plated.

²⁾ the other metallic components are in stainless steel.

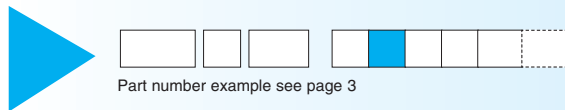
³⁾ the „variant“ position of the reference is used to specify the anodized colour.

⁴⁾ only available for FFP, ERN and PCP models of the S series.

⁵⁾ available only for the FFL model of the S series.

⁶⁾ available only for the FFL model of the S series.

● First choice alternative
○ Special order alternative



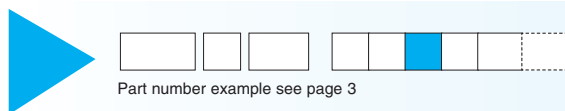
Insulators (S + E series)

Reference	Material or form	Note
L	PEEK	●
T	PTFE ¹⁾	●

Note:
detailed characteristics of these materials are presented on Unipole/Multipole catalogue.

¹⁾ only for unipole types.

● First choice alternative ○ Special order alternative



Contacts (S + E series)

Contacts for plugs, free or fixed sockets

Ref.	Contact type
A	Male solder
C	Male crimp ^{1) 4)}
L	Female solder
M	Female crimp ^{2) 4)}

Note:

¹⁾ for the FFS model of the 00 series and FFA or FFL models of the S series.

²⁾ for the PSS model of the 00 series and PCA or PSA models of the S series.

³⁾ for the FTA model of the S series.

⁴⁾ for conductor range that can fit with crimp contacts consult Unipole/ Multipole catalogue.

Contacts for couplers

Ref.	Contact type	unipole	multipole
A	Male - Female	○	—
L	Female - Male	○	●
M	Female - Female	●	○

Multipole connectors are fitted with hermaphroditic inserts including male and female contacts. However, by convention, the letter indicating the contact type in the part number composition will be the male contact (reference A) for plugs and female contact (reference A) for sockets. In case of an odd number of contacts, the letter of reference corresponds to the one with the large number of contacts. For example, a 309 type connector with contact (reference A) will include 5 male and 4 female contacts.

For RAD and SWH fixed couplers, the first contact type mentioned is always the one at the flange end.
Connectors can be configured „inverted“ i.e. plugs equipped with female contacts (reference L), sockets with male contacts (reference A). This solution is particularly useful when plugs are mated to a coupler and it is essential to respect contact alignment.

SPANNZANGEN | COLLETS

SERIE Y | SERIES Y



Reference		Serie	Ø Collet (mm)		Ø Cable (mm)		Part number of the collet ¹⁾	Lead time
Type	Ø		Ø A	Ø B	max.	min.		
C	17	1Y	1.7	-	1.6	1.3	FFA.1S.717.CN	○
C	22		2.2	-	2.1	1.7	FFA.1S.722.CN	○
C	27		2.7	-	2.6	2.2	FFA.1S.727.CN	●
C	32		3.2	-	3.1	2.6	FFA.1S.732.CN	●
C	37		3.7	-	3.6	2.7	FFA.1S.737.CN	●
C	42		4.2	-	4.1	3.3	FFA.1S.742.CN	●
C	47		4.7	-	4.6	3.8	FFA.1S.747.CN	●
C	52		5.2	-	5.1	4.3	FFA.1S.752.CN	●
C	57		5.7	-	5.6	4.8	FFA.1S.757.CN	●
C	62		6.2	5.2	6.1	5.3	FFA.1S.762.CN	●
C	66		6.6	5.5	6.5	5.9	FFA.1S.766.CN	●
C	68		6.8	5.5	6.7	6.0	FFA.1S.768.CN	○
C	42	3Y	4.2	-	4.0	3.1	FFA.3S.742.CN	○
C	52		5.2	-	5.0	4.1	FFA.3S.752.CN	●
C	57		5.7	-	5.5	4.6	FFA.3S.757.CN	●
C	62		6.2	-	6.0	5.1	FFA.3S.762.CN	●
C	67		6.7	-	6.5	5.6	FFA.3S.767.CN	●
C	72		7.2	-	7.0	6.1	FFA.3S.772.CN	●
C	77		7.7	-	7.5	6.6	FFA.3S.777.CN	●
C	82		8.2	-	8.0	7.1	FFA.3S.782.CN	●
C	87		8.7	-	8.5	7.6	FFA.3S.787.CN	●
C	92		9.2	8.7	9.0	8.1	FFA.3S.792.CN	●
C	97		9.7	8.7	9.5	9.1	FFA.3S.797.CN	●
C	10		10.2	8.7	10.0	9.6	FFA.3S.710.CN	○
C	11	10.7	8.7	10.5	10.1	FFA.3S.711.CN	●	
C	12	6Y	12.2	12.2	12.0	11.1	FFB.6Y.712.CN	●
C	14		14.2	14.2	14.0	13.1	FFB.6Y.714.CN	●
C	21		21.2	21.2	21.0	20.0	FFB.6Y.721.CN	●
C	27		26.6	23.0	26.4	25.5	FFB.6Y.727.CN	○
C	29		29.0	24.5	28.8	27.9	FFB.6Y.729.CN	○
C	30		30.2	27.2	30.0	29.1	FFB.6Y.730.CN	●

Note:
¹⁾ for ordering collets separately.

- on stock
- on request



Part number example see page 3



SPANNZANGEN | COLLETS
SERIE B | SERIES B

D and M type collets



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the reducer ²⁾	Part number of the reducing cone ²⁾	Part number of the collet nut
Type	ø		ø A	ø B	max.	min.				
M	27	1B	2.7	–	2.6	2.2	FFC.00.727.CN	FGG.1B.138.LN	FGG.1B.158.LN	FGG.1B.130.LC
M	31		3.1	–	3.0	2.6	FFC.00.731.CN	FGG.1B.138.LN	FGG.1B.158.LN	FGG.1B.130.LC
D	42		4.2	–	4.0	3.1	FGG.1B.742.DN	–	–	FGG.1B.130.LC
D	52		5.2	–	5.0	4.1	FGG.1B.752.DN	–	–	FGG.1B.130.LC
D	62		6.2	–	6.0	5.1	FGG.1B.762.DN	–	–	FGG.1B.130.LC
D	72		7.2	6.7	7.0	6.1	FGG.1B.772.DN	–	–	FGG.1B.130.LC
D	76		7.6	6.7	7.5	7.1	FGG.1B.776.DN ³⁾	–	–	FGG.1B.132.LC
M	21	2B	2.1	–	2.0	1.5	FGG.0B.721.DN	FGG.2B.138.LN	FGG.2B.158.LN	FGG.2B.130.LC
M	31		3.1	–	3.0	2.1	FGG.0B.731.DN	FGG.2B.138.LN	FGG.2B.158.LN	FGG.2B.130.LC
M	42		4.2	–	4.0	3.1	FGG.0B.742.DN	FGG.2B.138.LN	FGG.2B.158.LN	FGG.2B.130.LC
D	52		5.2	–	5.0	4.1	FGG.2B.752.DN	–	–	FGG.2B.130.LC
D	62		6.2	–	6.0	5.1	FGG.2B.762.DN	–	–	FGG.2B.130.LC
D	72		7.2	–	7.0	6.1	FGG.2B.772.DN	–	–	FGG.2B.130.LC
D	82		8.2	–	8.0	7.1	FGG.2B.782.DN	–	–	FGG.2B.130.LC
D	92		9.2	8.6	9.0	8.1	FGG.2B.792.DN	–	–	FGG.2B.130.LC
D	99		9.9	8.6	9.7	9.1	FGG.2B.799.DN ³⁾	–	–	FGG.2B.132.LC
M	52	3B	5.2	–	5.0	4.1	FGG.1B.752.DN	FGG.3B.138.LN	FGG.3B.158.LN	FGG.3B.130.LC
D	62		6.2	–	6.0	5.1	FGG.3B.762.DN	–	–	FGG.3B.130.LC
D	72		7.2	–	7.0	6.1	FGG.3B.772.DN	–	–	FGG.3B.130.LC
D	82		8.2	–	8.0	7.1	FGG.3B.782.DN	–	–	FGG.3B.130.LC
D	92		9.2	–	9.0	8.1	FGG.3B.792.DN	–	–	FGG.3B.130.LC
D	10		10.2	–	10.0	9.1	FGG.3B.710.DN	–	–	FGG.3B.130.LC
D	11		11.2	10.2	11.0	10.1	FGG.3B.711.DN	–	–	FGG.3B.130.LC
D	12		11.9	10.2	11.7	11.1	FGG.3B.712.DN ³⁾	–	–	FGG.3B.132.LC

Note:

- ¹⁾ for ordering collets separately.
- ²⁾ for ordering an M type collet, a reducer and its reducing cone should also be ordered.
- ³⁾ these collets cannot be used for connector models with nut for fitting a bend relief.

All dimensions are in millimetres.

SPANNZANGEN | COLLETS
SERIE B | SERIES B



D and M type collets



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the reducer ²⁾	Part number of the reducing cone ²⁾	Part number of the collet nut
Type	ø		ø A	ø B	max.	min.				
M	62	4B	6.2	–	6.0	5.1	FGG.2B.762.DN	FGG.4B.138.LN	FGG.4B.158.LN	FGG.4B.130.LC
M	72		7.2	–	7.0	6.1	FGG.2B.772.DN	FGG.4B.138.LN	FGG.4B.158.LN	FGG.4B.130.LC
M	82		8.2	–	8.0	7.1	FGG.2B.782.DN	FGG.4B.138.LN	FGG.4B.158.LN	FGG.4B.130.LC
M	92		9.2	8.6	9.0	8.1	FGG.2B.792.DN	FGG.4B.138.LN	FGG.4B.158.LN	FGG.4B.130.LC
D	10		10.8	–	10.5	9.1	FGG.4B.710.DN	–	–	FGG.4B.130.LC
D	12		12.3	–	12.0	10.6	FGG.4B.712.DN	–	–	FGG.4B.130.LC
D	13		13.8	12.5	13.5	12.1	FGG.4B.713.DN	–	–	FGG.4B.130.LC
D	15		15.3	12.5	15.0	13.6	FGG.4B.715.DN	–	–	FGG.4B.130.LC
D	16		16.3	12.5	16.0	15.1	FGG.4B.716.DN ³⁾	–	–	FGG.4B.132.LC
D	11	5B	11.8	–	11.5	9.6	FGG.5B.711.DN	–	–	FGG.5B.130.LC
D	13		13.8	–	13.5	11.6	FGG.5B.713.DN	–	–	FGG.5B.130.LC
D	15		15.8	–	15.5	13.6	FGG.5B.715.DN	–	–	FGG.5B.130.LC
D	17		17.8	–	17.5	15.6	FGG.5B.717.DN ³⁾	–	–	FGG.5B.130.LC
D	19		19.8	–	19.5	17.6	FGG.5B.719.DN ³⁾	–	–	FGG.5B.130.LC
D	21		21.8	–	21.5	19.6	FGG.5B.721.DN ³⁾	–	–	FGG.5B.130.LC
D	23		23.8	21.8	23.5	21.6	FGG.5B.723.DN ³⁾	–	–	FGG.5B.130.LC
D	25		25.3	21.8	25.0	23.6	FGG.5B.725.DN ³⁾	–	–	FGG.5B.132.LC

Bend relief collet nut and bend relief



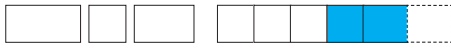
Reference		Serie	Part number of the collet nut	Bend relief to be used ¹⁾
Type	ø			
M	27 and 31	1B	FFM.1B.130.LC	GMA.1B.***.●●
D	42 to 72		FFM.1B.130.LC	GMA.1B.***.●●
M	21 and 31	2B	FFM.2B.132.LC	GMA.0B.***.●●
M	42		FFM.2B.130.LC	GMA.2B.***.●●
D	52 to 92		FFM.2B.130.LC	GMA.2B.***.●●
M	52	3B	FFM.3B.131.LC	GMA.1B.***.●●
D	62 to 11		FFM.3B.130.LC	GMA.3B.***.●●
M	62 and 72	4B	FFM.4B.132.LC	GMA.2B.***.●●
M	82 and 92		FFM.4B.130.LC	GMA.4B.***.●●
D	10 to 15		FFM.4B.130.LC	GMA.4B.***.●●
D	11 to 15	5B	FFM.5B.130.LC	GMA.4B.***.●●

Note:

- ¹⁾ for ordering collet separately.
- ²⁾ for ordering an M type collet, a reducer and its reducing cone should also be ordered.
- ³⁾ these collets cannot be used for connector models with collet nut for fitting a bend relief.

Note:

¹⁾ the bend relief is to be ordered separately (see page 80). All dimensions are in millimetres.



Part number example see page 3



SPANNZANGEN | COLLETS
SERIE K | SERIES K

C + K type collets



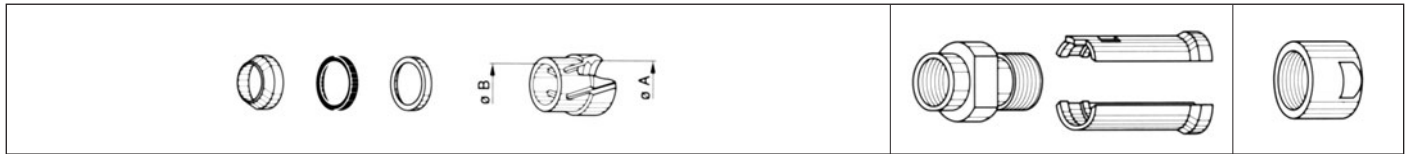
Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet system ¹⁾	Part number of the oversize collet and of the two split centre-pieces ²⁾	Part number of the collet nut ²⁾
Type	ø		ø A	ø B	max.	min.			
C	15	1K	1.6	–	1.5	1.3	FFA.1E.715.CNS	–	FFA.1E.130.LC
C	20		2.2	–	2.0	1.6	FFA.1E.720.CNS	–	FFA.1E.130.LC
C	25		3.2	–	2.5	2.1	FFA.1E.725.CNS	–	FFA.1E.130.LC
C	30		3.2	–	3.0	2.6	FFA.1E.730.CNS	–	FFA.1E.130.LC
C	35		4.2	–	3.5	3.1	FFA.1E.735.CNS	–	FFA.1E.130.LC
C	40		4.2	–	4.0	3.6	FFA.1E.740.CNS	–	FFA.1E.130.LC
C	45		5.2	–	4.5	4.1	FFA.1E.745.CNS	–	FFA.1E.130.LC
C	50		5.2	–	5.0	4.6	FFA.1E.750.CNS	–	FFA.1E.130.LC
C	55		6.2	6.2	5.5	5.1	FFA.1E.755.CNS	–	FFA.1E.130.LC
C	60		6.2	6.2	6.0	5.6	FFA.1E.760.CNS	–	FFA.1E.130.LC
C	65		7.2	6.7	6.5	6.1	FFA.1E.765.CNS	–	FFA.1E.130.LC
K	70		7.2	–	7.0	6.6	FFA.2E.770.CNS	FFA.1K.137.LCN	FFA.2E.130.LC ²⁾
K	75		8.2	8.2	7.5	7.1	FFA.2E.775.CNS	FFA.1K.137.LCN	FFA.2E.130.LC ²⁾
K	80		8.2	8.2	8.0	7.6	FFA.2E.780.CNS	FFA.1K.137.LCN	FFA.2E.130.LC ²⁾
K	85		9.2	8.6	8.5	8.1	FFA.2E.785.CNS	FFA.1K.137.LCN	FFA.2E.130.LC ²⁾
C	15		2K	2.2	–	1.5	1.3	FFA.2E.715.CNS	–
C	20	2.2		–	2.0	1.6	FFA.2E.720.CNS	–	FFA.2E.130.LC
C	25	3.2		–	2.5	2.1	FFA.2E.725.CNS	–	FFA.2E.130.LC
C	30	3.2		–	3.0	2.6	FFA.2E.730.CNS	–	FFA.2E.130.LC
C	35	4.2		–	3.5	3.1	FFA.2E.735.CNS	–	FFA.2E.130.LC
C	40	4.2		–	4.0	3.6	FFA.2E.740.CNS	–	FFA.2E.130.LC
C	45	5.2		–	4.5	4.1	FFA.2E.745.CNS	–	FFA.2E.130.LC
C	50	5.2		–	5.0	4.6	FFA.2E.750.CNS	–	FFA.2E.130.LC
C	55	6.2		–	5.5	5.1	FFA.2E.755.CNS	–	FFA.2E.130.LC
C	60	6.2		–	6.0	5.6	FFA.2E.760.CNS	–	FFA.2E.130.LC
C	65	7.2		–	6.5	6.1	FFA.2E.765.CNS	–	FFA.2E.130.LC
C	70	7.2		–	7.0	6.6	FFA.2E.770.CNS	–	FFA.2E.130.LC
C	75	8.2		8.2	7.5	7.1	FFA.2E.775.CNS	–	FFA.2E.130.LC
C	80	8.2		8.2	8.0	7.6	FFA.2E.780.CNS	–	FFA.2E.130.LC
C	85	9.2		8.6	8.5	8.1	FFA.2E.785.CNS	–	FFA.2E.130.LC
K	90	9.2		–	9.0	8.6	FFA.3E.790.CNS	FFA.2K.137.LCN	FFA.3E.130.LC ²⁾
K	95	10.2		10.2	9.5	9.1	FFA.3E.795.CNS	FFA.2K.137.LCN	FFA.3E.130.LC ²⁾
K	10	10.2		10.2	10.0	9.6	FFA.3E.710.CNS	FFA.2K.137.LCN	FFA.3E.130.LC ²⁾
K	11	11.2		10.6	11.0	10.1	FFA.3E.711.CNS	FFA.2K.137.LCN	FFA.3E.130.LC ²⁾

Note:

¹⁾ for ordering the collet system separately.

²⁾ for ordering the K type collet, the oversize collet and the split centre-pieces, as well as the corresponding collet nut should also be ordered.
All dimensions are in millimetres.

SPANNZANGEN COLLETS
SERIE K | SERIES K

C + K type collets


Reference		Serie	\varnothing Collet (mm)		\varnothing Cable (mm)		Part number of the collet system ¹⁾	Part number of the oversize collet and of the two split centre-pieces ²⁾	Part number of the collet nut ²⁾
Type	\varnothing		$\varnothing A$	$\varnothing B$	max.	min.			
C	30	3K	3.2	-	3.0	2.6	FFA.3E.730.CNS	-	FFA.3E.130.LC
C	35		4.2	-	3.5	3.1	FFA.3E.735.CNS	-	FFA.3E.130.LC
C	40		4.2	-	4.0	3.6	FFA.3E.740.CNS	-	FFA.3E.130.LC
C	45		5.2	-	4.5	4.1	FFA.3E.745.CNS	-	FFA.3E.130.LC
C	50		5.2	-	5.0	4.6	FFA.3E.750.CNS	-	FFA.3E.130.LC
C	55		6.2	-	5.5	5.1	FFA.3E.755.CNS	-	FFA.3E.130.LC
C	60		6.2	-	6.0	5.6	FFA.3E.760.CNS	-	FFA.3E.130.LC
C	65		7.2	-	6.5	6.1	FFA.3E.765.CNS	-	FFA.3E.130.LC
C	70		7.2	-	7.0	6.6	FFA.3E.770.CNS	-	FFA.3E.130.LC
C	75		8.2	-	7.5	7.1	FFA.3E.775.CNS	-	FFA.3E.130.LC
C	80		8.2	-	8.0	7.6	FFA.3E.780.CNS	-	FFA.3E.130.LC
C	85		9.2	-	8.5	8.1	FFA.3E.785.CNS	-	FFA.3E.130.LC
C	90		9.2	-	9.0	8.6	FFA.3E.790.CNS	-	FFA.3E.130.LC
C	95		10.2	10.2	9.5	9.1	FFA.3E.795.CNS	-	FFA.3E.130.LC
C	10		10.2	10.2	10.0	9.6	FFA.3E.710.CNS	-	FFA.3E.130.LC
C	11		11.2	11.2	10.5	10.1	FFA.3E.711.CNS	-	FFA.3E.130.LC
K	11		12.3	-	12.0	10.6	FFA.4E.711.CNS	FFA.3K.137.LCN	FFA.4E.130.LC ²⁾
K	12		13.8	13.8	12.8	12.1	FFA.4E.712.CNS	FFA.3K.137.LCN	FFA.4E.130.LC ²⁾
K	13		13.8	13.8	13.5	12.9	FFA.4E.713.CNS	FFA.3K.137.LCN	FFA.4E.130.LC ²⁾
K	14		15.3	15.3	14.0	13.6	FFA.4E.714.CNS	FFA.3K.137.LCN	FFA.4E.130.LC ²⁾
K	15	15.3	15.3	15.0	14.1	FFA.4E.715.CNS	FFA.3K.137.LCN	FFA.4E.130.LC ²⁾	
C	50	4K	6.3	-	5.0	4.8	FFA.4E.750.CNS	-	FFA.4E.130.LC
C	55		6.3	-	5.5	5.1	FFA.4E.755.CNS	-	FFA.4E.130.LC
C	60		6.3	-	6.0	5.6	FFA.4E.760.CNS	-	FFA.4E.130.LC
C	65		7.3	-	6.5	6.1	FFA.4E.765.CNS	-	FFA.4E.130.LC
C	70		7.3	-	7.0	6.6	FFA.4E.770.CNS	-	FFA.4E.130.LC
C	75		8.3	-	7.5	7.1	FFA.4E.775.CNS	-	FFA.4E.130.LC
C	80		8.3	-	8.0	7.6	FFA.4E.780.CNS	-	FFA.4E.130.LC
C	85		9.3	-	8.5	8.1	FFA.4E.785.CNS	-	FFA.4E.130.LC
C	90		9.3	-	9.0	8.6	FFA.4E.790.CNS	-	FFA.4E.130.LC
C	95		10.8	-	9.5	9.1	FFA.4E.795.CNS	-	FFA.4E.130.LC
C	10		10.8	-	10.5	9.6	FFA.4E.710.CNS	-	FFA.4E.130.LC
C	11		12.3	-	12.0	10.6	FFA.4E.711.CNS	-	FFA.4E.130.LC
C	12		13.8	13.8	12.8	12.1	FFA.4E.712.CNS	-	FFA.4E.130.LC
C	13		13.8	13.8	13.5	12.9	FFA.4E.713.CNS	-	FFA.4E.130.LC
C	14		15.3	15.3	14.0	13.6	FFA.4E.714.CNS	-	FFA.4E.130.LC
C	15		15.3	15.3	15.0	14.1	FFA.4E.715.CNS	-	FFA.4E.130.LC
K	16		17.8	-	16.5	15.6	FFA.4K.716.CNS	FFA.4K.137.LCN ³⁾	FFA.4K.136.LC ²⁾
K	17		17.8	-	17.5	16.6	FFA.4K.717.CNS	FFA.4K.137.LCN	FFA.4K.136.LC ²⁾
K	18		19.8	-	18.5	17.6	FFA.4K.718.CNS	FFA.4K.137.LCN	FFA.4K.136.LC ²⁾
K	19		19.8	-	19.5	18.6	FFA.4K.719.CNS	FFA.4K.137.LCN	FFA.4K.136.LC ²⁾
K	20		21.8	-	20.5	19.6	FFA.4K.720.CNS	FFA.4K.137.LCN	FFA.4K.136.LC ²⁾
K	21		21.8	-	21.5	20.6	FFA.4K.721.CNS	FFA.4K.137.LCN	FFA.4K.136.LC ²⁾
K	22		23.8	23.8	22.5	21.6	FFA.4K.722.CNS	FFA.4K.137.LCN	FFA.4K.136.LC ²⁾
K	23		23.8	23.8	23.5	22.6	FFA.4K.723.CNS	FFA.4K.137.LCN	FFA.4K.136.LC ²⁾

Note: ¹⁾ for ordering the collet system separately.
²⁾ for ordering the K type collet, the oversize collet and the split centre-pieces, as well as the corresponding collet nut should also be ordered.

³⁾ in 4K series, the centre-piece is made of one piece.

All dimensions are in millimetres.



SPANNZANGEN | COLLETS
SERIE K | SERIES K

C type collets

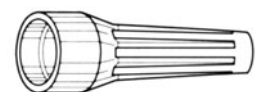
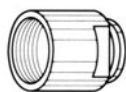


Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet system ¹⁾	Part number of the collet nut
Type	ø		ø A	ø B	max.	min.		
C	10	5K	11.8	–	10.5	9.6	FFA.5K.710.CNS	FFA.5K.130.LC
C	11		11.8	–	11.5	10.6	FFA.5K.711.CNS	FFA.5K.130.LC
C	12		13.8	–	12.5	11.6	FFA.5K.712.CNS	FFA.5K.130.LC
C	13		13.8	–	13.5	12.6	FFA.5K.713.CNS	FFA.5K.130.LC
C	14		15.8	–	14.5	13.6	FFA.5K.714.CNS	FFA.5K.130.LC
C	15		15.8	–	15.5	14.6	FFA.5K.715.CNS	FFA.5K.130.LC
C	16		17.8	–	16.5	15.6	FFA.5K.716.CNS	FFA.5K.130.LC
C	17		17.8	–	17.5	16.6	FFA.5K.717.CNS	FFA.5K.130.LC
C	18		19.8	–	18.5	17.6	FFA.5K.718.CNS	FFA.5K.130.LC
C	19		19.8	–	19.5	18.6	FFA.5K.719.CNS	FFA.5K.130.LC
C	20		21.8	–	20.5	19.6	FFA.5K.720.CNS	FFA.5K.130.LC
C	21		21.8	–	21.5	20.6	FFA.5K.721.CNS	FFA.5K.130.LC
C	22		23.8	23.8	22.5	21.6	FFA.5K.722.CNS	FFA.5K.130.LC
C	23		23.8	23.8	23.5	22.6	FFA.5K.723.CNS	FFA.5K.130.LC

Note:

¹⁾ for ordering the collet system separately.

Bend relief collet nut and bend relief



Reference		Serie	Part number of the collet nut	Bend relief to be used ¹⁾
Type	ø			
C	15 to 65	1K	FFM.1E.130.LC	GMA.1B.***.●●
K	70 to 85		FFM.2E.130.LC	GMA.2B.***.●●
C	15 to 85	2K	FFM.2E.130.LC	GMA.2B.***.●●
K	90 to 11		FFM.3E.130.LC	GMA.3B.***.●●
C	30 to 10	3K	FFM.3E.130.LC	GMA.3B.***.●●
K	11 to 15		FFM.4E.130.LC	GMA.4B.***.●●
C	50 to 15	4K	FFM.4E.130.LC	GMA.4B.***.●●

Note:

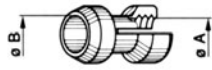
¹⁾ the bend relief is to be ordered separately (see page 80). All dimensions are in millimetres.

SPANNZANGEN COLLETS

SERIE S SERIES S



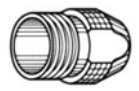
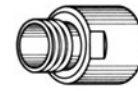
C, K and L type collets



C or K type collets



L type collet



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the oversize collet and of the split centre-pieces ³⁾	Part number of the collet nut ^{3) 5)}
Type	ø		ø A	ø B	max.	min.			
C	17	OS	1.7	–	1.6	1.3	FFA.0S.717.CN	–	FFA.0S.130.LC
C	22		2.2	–	2.1	1.7	FFA.0S.722.CN	–	FFA.0S.130.LC
C	27		2.7	–	2.6	2.2	FFA.0S.727.CN	–	FFA.0S.130.LC
C	32		3.2	–	3.1	2.7	FFA.0S.732.CN	–	FFA.0S.130.LC
C	37		3.7	–	3.6	3.0	FFA.0S.737.CN	–	FFA.0S.130.LC
C	42		4.2	3.7	4.1	3.3	FFA.0S.742.CN	–	FFA.0S.130.LC
C	44		4.4	3.7	4.3	3.5	FFA.0S.744.CN	–	FFA.0S.132.LC
K	47		4.7	–	4.6	3.8	FFA.1S.747.CN	FFA.0S.137.LCN	FFA.1S.130.LC
K	52		5.2	–	5.1	4.3	FFA.1S.752.CN	FFA.0S.137.LCN	FFA.1S.130.LC
K	57		5.7	–	5.6	4.8	FFA.1S.757.CN	FFA.0S.137.LCN	FFA.1S.130.LC
K	62		6.2	5.2	6.1	5.3	FFA.1S.762.CN	FFA.0S.137.LCN	FFA.1S.130.LC
K	66		6.6	5.4	6.5	5.9	FFA.1S.766.CN	FFA.0S.137.LCN	FFA.1S.131.LC
K	68		6.8	–	6.7	6.0	FFA.1S.768.CN	FFA.0S.137.LCN	FFA.1S.131.LC
C	17		1.7	–	1.6	1.3	FLA.0S.717.CN ⁴⁾	–	FFA.0S.130.LC
C	22		2.2	–	2.1	1.7	FLA.0S.722.CN ⁴⁾	–	FFA.0S.130.LC
C	27		2.7	–	2.6	2.2	FLA.0S.727.CN ⁴⁾	–	FFA.0S.130.LC
C	32		3.2	–	3.1	2.7	FLA.0S.732.CN ⁴⁾	–	FFA.0S.130.LC
C	37		3.7	–	3.6	3.0	FLA.0S.737.CN ⁴⁾	–	FFA.0S.130.LC
C	42		4.2	3.7	4.1	3.3	FLA.0S.742.CN ⁴⁾	–	FFA.0S.130.LC
C	44		4.4	3.7	4.3	3.5	FLA.0S.744.CN ⁴⁾	–	FFA.0S.132.LC
L	17	1.7	–	1.6	1.3	FFA.0S.717.LN	–	FFA.0S.130.LC	
L	22	2.2	–	2.1	1.7	FFA.0S.722.LN	–	FFA.0S.130.LC	
L	27	2.7	–	2.6	2.2	FFA.0S.727.LN	–	FFA.0S.130.LC	
L	32	3.2	–	3.1	2.7	FFA.0S.732.LN	–	FFA.0S.130.LC	
L	37	3.7	–	3.6	3.0	FFA.0S.737.LN	–	FFA.0S.130.LC	
L	42	4.2	–	4.1	3.3	FFA.0S.742.LN	–	FFA.0S.130.LC	
L	44	4.4	–	4.3	3.5	FFA.0S.744.LN	–	FFA.0S.132.LC	

Note: see following page for text of notes ¹⁾ through ⁵⁾.
All dimensions are in millimetres.



Part number example see page 3



SPANNZANGEN | COLLETS
SERIE S | SERIES S

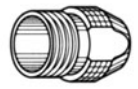
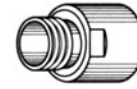
C, K and L type collets



C or K type collets



L type collet



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the oversize collet and of the split centre-pieces ³⁾	Part number of the collet nut ^{3) 5)}
Type	ø		ø A	ø B	max.	min.			
C	17	1S	1.7	–	1.6	1.3	FFA.1S.717.CN	–	FFA.1S.130.LC
C	22		2.2	–	2.1	1.7	FFA.1S.722.CN	–	FFA.1S.130.LC
C	27		2.7	–	2.6	2.2	FFA.1S.727.CN	–	FFA.1S.130.LC
C	32		3.2	–	3.1	2.6	FFA.1S.732.CN	–	FFA.1S.130.LC
C	37		3.7	–	3.6	2.7	FFA.1S.737.CN	–	FFA.1S.130.LC
C	42		4.2	–	4.1	3.3	FFA.1S.742.CN	–	FFA.1S.130.LC
C	47		4.7	–	4.6	3.8	FFA.1S.747.CN	–	FFA.1S.130.LC
C	52		5.2	–	5.1	4.3	FFA.1S.752.CN	–	FFA.1S.130.LC
C	57		5.7	–	5.6	4.8	FFA.1S.757.CN	–	FFA.1S.130.LC
C	62		6.2	5.2	6.1	5.3	FFA.1S.762.CN	–	FFA.1S.130.LC
C	66		6.6	5.4	6.5	5.9	FFA.1S.766.CN	–	FFA.1S.131.LC
C	68		6.8	–	6.7	6.0	FFA.1S.768.CN	–	FFA.1S.131.LC
K	72		7.2	6.7	7.0	6.1	FFA.2S.772.CN	FFA.1S.137.LCN	FFA.2S.130.LC
K	77		7.7	6.7	7.5	7.1	FFA.2S.777.CN	FFA.1S.137.LCN	FFA.2S.130.LC
K	82		8.2	6.7	8.0	7.6	FFA.2S.782.CN	FFA.1S.137.LCN	FFA.2S.130.LC
K	87		8.7	6.7	8.5	8.1	FFA.2S.787.CN	FFA.1S.137.LCN	FFA.2S.130.LC
C	17		1.7	–	1.6	1.3	FLA.1S.717.CN ⁴⁾	–	FFA.1S.130.LC
C	22		2.2	–	2.1	1.7	FLA.1S.722.CN ⁴⁾	–	FFA.1S.130.LC
C	27		2.7	–	2.6	2.2	FLA.1S.727.CN ⁴⁾	–	FFA.1S.130.LC
C	32		3.2	–	3.1	2.6	FLA.1S.732.CN ⁴⁾	–	FFA.1S.130.LC
C	37		3.7	–	3.6	2.7	FLA.1S.737.CN ⁴⁾	–	FFA.1S.130.LC
C	42		4.2	–	4.1	3.3	FLA.1S.742.CN ⁴⁾	–	FFA.1S.130.LC
C	47		4.7	–	4.6	3.8	FLA.1S.747.CN ⁴⁾	–	FFA.1S.130.LC
C	52		5.2	–	5.1	4.3	FLA.1S.752.CN ⁴⁾	–	FFA.1S.130.LC
C	57		5.7	–	5.6	4.8	FLA.1S.757.CN ⁴⁾	–	FFA.1S.130.LC
C	62		6.2	5.2	6.1	5.3	FLA.1S.762.CN ⁴⁾	–	FFA.1S.130.LC
C	66	6.6	5.4	6.5	5.9	FLA.1S.766.CN ⁴⁾	–	FFA.1S.131.LC	
C	68	6.8	5.5	6.7	6.0	FLA.1S.768.CN ⁴⁾	–	FFA.1S.131.LC	
L	17	1.7	–	1.6	1.3	FFA.1S.717.LN	–	FFA.1S.130.LC	
L	22	2.2	–	2.1	1.7	FFA.1S.722.LN	–	FFA.1S.130.LC	
L	27	2.7	–	2.6	2.2	FFA.1S.727.LN	–	FFA.1S130.LC	
L	32	3.2	–	3.1	2.6	FFA.1S.732.LN	–	FFA.1S.130.LC	
L	37	3.7	–	3.6	2.7	FFA.1S.737.LN	–	FFA.1S.130.LC	
L	42	4.2	–	4.1	3.3	FFA.1S.742.LN	–	FFA.1S.130.LC	
L	47	4.7	–	4.6	3.8	FFA.1S.747.LN	–	FFA.1S.130.LC	
L	50	5.0	–	4.9	4.7	FFA.1S.750.LN	–	FFA.1S130.LC	
L	52	5.2	–	5.1	4.3	FFA.1S.752.LN	–	FFA.1S.130.LC	
L	57	5.7	–	5.6	4.8	FFA.1S.757.LN	–	FFA.1S.130.LC	
L	62	6.2	–	6.1	5.3	FFA.1S.762.LN	–	FFA.1S.130.LC	
L	66	6.6	–	6.5	5.9	FFA.1S.766.LN	–	FFA.1S.131.LC	

Note:

- ¹⁾ for ordering collets separately.
- ²⁾ these collets can only be used with the FLA model.
- ³⁾ for ordering a K type collet separately, the oversize collet and the corresponding collet nut should also be ordered.
- ⁴⁾ these collets should be used with FLA, FFP and PCP models.
- ⁵⁾ for models with bend relief, the FFM.●●.130.LC collet nut should be ordered (see page 76).

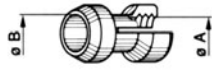
All dimensions are in millimetres.

SPANNZANGEN COLLETS

SERIE S SERIES S



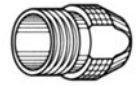
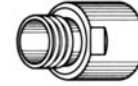
C, K and L type collets



C or K type collets



L type collet



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the oversize collet and of the split centre-pieces ³⁾	Part number of the collet nut ^{3) 5)}
Type	ø		ø A	ø B	max.	min.			
C	17	2S	1.7	–	1.6	1.3	FFA.2S.717.CN	–	FFA.2S.130.LC
C	27		2.7	–	2.5	1.7	FFA.2S.727.CN	–	FFA.2S.130.LC
C	32		3.2	–	3.0	2.5	FFA.2S.732.CN	–	FFA.2S.130.LC
C	42		4.2	–	4.0	3.1	FFA.2S.742.CN	–	FFA.2S.130.LC
C	52		5.2	–	5.0	4.1	FFA.2S.752.CN	–	FFA.2S.130.LC
C	62		6.2	–	6.0	5.1	FFA.2S.762.CN	–	FFA.2S.130.LC
C	72		7.2	6.7	7.0	6.1	FFA.2S.772.CN	–	FFA.2S.130.LC
C	77		7.7	6.7	7.5	7.1	FFA.2S.777.CN	–	FFA.2S.130.LC
C	82		8.2	6.7	8.0	7.6	FFA.2S.782.CN	–	FFA.2S.130.LC
C	87		8.7	6.7	8.5	8.1	FFA.2S.787.CN	–	FFA.2S.130.LC
K	92		9.2	8.7	9.0	8.1	FFA.3S.792.CN	FFA.2S.137.LCN	FFA.3S.130.LC
K	97		9.7	8.7	9.5	9.1	FFA.3S.797.CN	FFA.2S.137.LCN	FFA.3S.130.LC
K	10		10.2	8.7	10.0	9.6	FFA.3S.710.CN	FFA.2S.137.LCN	FFA.3S.130.LC
K	11		10.7	9.0	10.5	10.1	FFA.3S.711.CN	FFA.2S.137.LCN	FFA.3S.130.LC
C	17		1.7	–	1.6	1.3	FLA.2S.717.CN ⁴⁾	–	FFA.2S.130.LC
C	27		2.7	–	2.5	1.7	FLA.2S.727.CN ⁴⁾	–	FFA.2S.130.LC
C	32		3.2	–	3.0	2.5	FLA.2S.732.CN ⁴⁾	–	FFA.2S.130.LC
C	42		4.2	–	4.0	3.1	FLA.2S.742.CN ⁴⁾	–	FFA.2S.130.LC
C	52		5.2	–	5.0	4.1	FLA.2S.752.CN ⁴⁾	–	FFA.2S.130.LC
C	62		6.2	–	6.0	5.1	FLA.2S.762.CN ⁴⁾	–	FFA.2S.130.LC
C	72		7.2	6.7	7.0	6.1	FLA.2S.772.CN ⁴⁾	–	FFA.2S.130.LC
C	77		7.7	6.7	7.5	7.1	FLA.2S.777.CN ⁴⁾	–	FFA.2S.130.LC
C	82		8.2	6.7	8.0	7.6	FLA.2S.782.CN ⁴⁾	–	FFA.2S.130.LC
C	87		8.7	6.7	8.5	8.1	FLA.2S.787.CN ⁴⁾	–	FFA.2S.130.LC
L	27		2.7	–	2.5	1.7	FFA.2S.727.LN	–	FFA.2S.130.LC
L	32		3.2	–	3.0	2.5	FFA.2S.732.LN	–	FFA.2S.130.LC
L	42		4.2	–	4.0	3.1	FFA.2S.742.LN	–	FFA.2S.130.LC
L	52		5.2	–	5.0	4.1	FFA.2S.752.LN	–	FFA.2S.130.LC
L	62		6.2	–	6.0	5.1	FFA.2S.762.LN	–	FFA.2S.130.LC
L	72		7.2	–	7.0	6.1	FFA.2S.772.LN	–	FFA.2S.130.LC
L	77		7.9	–	7.5	7.1	FFA.2S.777.LN	–	FFA.2S.130.LC
L	82		8.2	–	8.0	7.6	FFA.2S.782.LN	–	FFA.2S.130.LC
L	87	8.7	–	8.5	8.1	FFA.2S.787.LN	–	FFA.2S.130.LC	

Note:
¹⁾ for ordering collets separately.

³⁾ for ordering a K type collet separately, the oversize collet and the corresponding collet nut should also be ordered.

⁴⁾ these collets should be used with FLA, FFP and PCP models.

⁵⁾ for models with bend relief, the FFM.●●.130.LC collet nut should be ordered (see page 76).

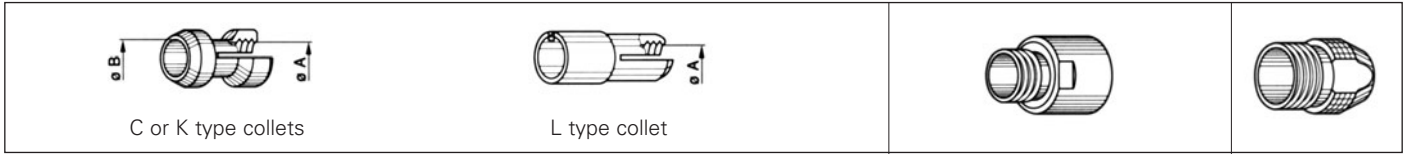
All dimensions are in millimetres.



Part number example see page 3

SPANNZANGEN | COLLETS
SERIE S | SERIES S

C, K and L type collets



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the oversize collet and of the split centre-pieces ³⁾	Part number of the collet nut ^{3) 5)}
Type	ø		ø A	ø B	max.	min.			
C	32	3S	3.2	–	3.0	2.5	FFA.3S.732.CN	–	FFA.3S.130.LC
C	42		4.2	–	4.0	3.1	FFA.3S.742.CN	–	FFA.3S.130.LC
C	52		5.2	–	5.0	4.1	FFA.3S.752.CN	–	FFA.3S.130.LC
C	62		6.2	–	6.0	5.1	FFA.3S.762.CN	–	FFA.3S.130.LC
C	72		7.2	–	7.0	6.1	FFA.3S.772.CN	–	FFA.3S.130.LC
C	82		8.2	–	8.0	7.1	FFA.3S.782.CN	–	FFA.3S.130.LC
C	92		9.2	8.7	9.0	8.1	FFA.3S.792.CN	–	FFA.3S.130.LC
C	97		9.7	8.7	9.5	9.1	FFA.3S.797.CN	–	FFA.3S.130.LC
C	10		10.2	8.7	10.0	9.6	FFA.3S.710.CN	–	FFA.3S.130.LC
C	11		10.7	9.0	10.5	10.1	FFA.3S.711.CN	–	FFA.3S.130.LC
K	12		12.2	–	12.0	11.1	FFA.4S.712.CN	FFA.3S.137.LCN	FFA.4S.130.LC
K	13		13.2	12.2	13.0	12.1	FFA.4S.713.CN	FFA.3S.137.LCN	FFA.4S.130.LC
C	32		3.2	–	3.0	2.5	FLA.3S.732.CN ⁴⁾	–	FFA.3S.130.LC
C	42		4.2	–	4.0	3.1	FLA.3S.742.CN ⁴⁾	–	FFA.3S.130.LC
C	52		5.2	–	5.0	4.1	FLA.3S.752.CN ⁴⁾	–	FFA.3S.130.LC
C	62		6.2	–	6.0	5.1	FLA.3S.762.CN ⁴⁾	–	FFA.3S.130.LC
C	72		7.2	–	7.0	6.1	FLA.3S.772.CN ⁴⁾	–	FFA.3S.130.LC
C	82		8.2	–	8.0	7.1	FLA.3S.782.CN ⁴⁾	–	FFA.3S.130.LC
C	92		9.2	8.7	9.0	8.1	FLA.3S.792.CN ⁴⁾	–	FFA.3S.130.LC
C	97		9.7	8.7	9.5	9.1	FLA.3S.797.CN ⁴⁾	–	FFA.3S.130.LC
C	10		10.7	8.7	10.5	9.8	FLA.3S.710.CN ⁴⁾	–	FFA.3S.130.LC
C	11		10.7	9.0	10.5	10.1	FLA.3S.711.CN ⁴⁾	–	FFA.3S.130.LC
L	42		4.2	–	4.0	3.1	FFA.3S.742.LN	–	FFA.3S.130.LC
L	52		5.2	–	5.0	4.1	FFA.3S.752.LN	–	FFA.3S.130.LC
L	62		6.2	–	6.0	5.1	FFA.3S.762.LN	–	FFA.3S.130.LC
L	72		7.2	–	7.0	6.1	FFA.3S.772.LN	–	FFA.3S.130.LC
L	82		8.2	–	8.0	7.1	FFA.3S.782.LN	–	FFA.3S.130.LC
L	92		9.2	–	9.0	8.1	FFA.3S.792.LN	–	FFA.3S.130.LC
L	97		9.7	–	9.5	9.1	FFA.3S.797.LN	–	FFA.3S.130.LC
L	10		10.2	–	10.0	9.6	FFA.3S.710.LN	–	FFA.3S.130.LC
L	11		10.7	–	10.5	10.1	FFA.3S.711.LN	–	FFA.3S.130.LC

Note:

- ¹⁾ for ordering collets separately.
 - ³⁾ for ordering a K type collet separately, the oversize collet and the corresponding collet nut should also be ordered.
 - ⁴⁾ these collets should be used with FLA, FFP and PCP models.
 - ⁵⁾ for models with bend relief, the FFM.●●.130.LC collet nut should be ordered (see page 76).
- All dimensions are in millimetres.

SPANNZANGEN COLLETS

SERIE S SERIES S



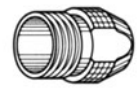
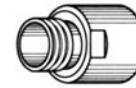
C, K and L type collets



C or K type collet



L type collet



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the oversize collet and of the split centre-pieces ³⁾	Part number of the collet nut ^{3) 5)}
Type	ø		ø A	ø B	max.	min.			
C	52	4S	5.2	-	5.0	4.1	FFA.4S.752.CN	-	FFA.4S.130.LC
C	62		6.2	-	6.0	5.1	FFA.4S.762.CN	-	FFA.4S.130.LC
C	72		7.2	-	7.0	6.1	FFA.4S.772.CN	-	FFA.4S.130.LC
C	82		8.2	-	8.0	7.1	FFA.4S.782.CN	-	FFA.4S.130.LC
C	92		9.2	-	9.0	8.1	FFA.4S.792.CN	-	FFA.4S.130.LC
C	10		10.2	-	10.0	9.1	FFA.4S.710.CN	-	FFA.4S.130.LC
C	11		11.2	-	11.0	10.1	FFA.4S.711.CN	-	FFA.4S.130.LC
C	12		12.2	-	12.0	11.1	FFA.4S.712.CN	-	FFA.4S.130.LC
C	13		13.2	12.2	13.0	12.6	FFA.4S.713.CN	-	FFA.4S.130.LC
K	14		14.2	-	14.0	13.1	FFA.5S.714.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	15		15.2	-	15.0	14.1	FFA.5S.715.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	16		16.2	-	16.0	15.1	FFA.5S.716.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	17		17.2	-	17.0	16.1	FFA.5S.717.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	18		18.2	-	18.0	17.1	FFA.5S.718.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	19		19.2	-	19.0	18.1	FFA.5S.719.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	20		20.2	19.7	20.0	19.1	FFA.5S.720.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	21		21.2	19.7	21.0	20.1	FFA.5S.721.CN	FFA.4S.137.LCN	FFA.5S.130.LC
K	22		22.2	19.7	22.0	21.1	FFA.5S.722.CN	FFA.4S.137.LCN	FFA.5S.130.LC
C	52		5.2	-	5.0	4.1	FLA.4S.752.CN ⁴⁾	-	FFA.4S.130.LC
C	62		6.2	-	6.0	5.1	FLA.4S.762.CN ⁴⁾	-	FFA.4S.130.LC
C	72		7.2	-	7.0	6.1	FLA.4S.772.CN ⁴⁾	-	FFA.4S.130.LC
C	82		8.2	-	8.0	7.1	FLA.4S.782.CN ⁴⁾	-	FFA.4S.130.LC
C	92		9.2	-	9.0	8.1	FLA.4S.792.CN ⁴⁾	-	FFA.4S.130.LC
C	10		10.2	-	10.0	9.1	FLA.4S.710.CN ⁴⁾	-	FFA.4S.130.LC
C	11		11.2	-	11.0	10.1	FLA.4S.711.CN ⁴⁾	-	FFA.4S.130.LC
C	12		12.2	-	12.0	11.1	FLA.4S.712.CN ⁴⁾	-	FFA.4S.130.LC
C	13		13.2	12.2	13.0	12.6	FLA.4S.713.CN ⁴⁾	-	FFA.4S.130.LC
L	52		5.2	-	5.0	4.1	FFA.4S.752.LN	-	FFA.4S.130.LC
L	62		6.2	-	6.0	5.1	FFA.4S.762.LN	-	FFA.4S.130.LC
L	72		7.2	-	7.0	6.1	FFA.4S.772.LN	-	FFA.4S.130.LC
L	82		8.2	-	8.0	7.1	FFA.4S.782.LN	-	FFA.4S.130.LC
L	92		9.2	-	9.0	8.1	FFA.4S.792.LN	-	FFA.4S.130.LC
L	10	10.2	-	10.0	9.1	FFA.4S.710.LN	-	FFA.4S.130.LC	
L	11	11.2	-	11.0	10.1	FFA.4S.711.LN	-	FFA.4S.130.LC	
L	12	12.2	-	12.0	11.1	FFA.4S.712.LN	-	FFA.4S.130.LC	
L	13	13.2	-	13.0	12.6	FFA.4S.713.LN	-	FFA.4S.130.LC	

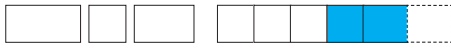
Note:
¹⁾ for ordering collets separately.

³⁾ for ordering a K type collet separately, the oversize collet and the corresponding collet nut should also be ordered.

⁴⁾ these collets should be used with FLA, FFP and PCP models.

⁵⁾ for models with bend relief, the FFM.●●.130.LC collet nut should be ordered (see page 76).

All dimensions are in millimetres. These notes also apply to the following page.

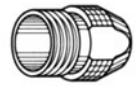
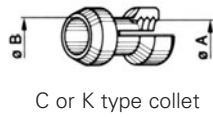


Part number example see page 3



SPANNZANGEN | COLLETS
SERIE S | SERIES S

C and K type collets



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the oversize collet and of the split centre-pieces ³⁾	Part number of the collet nut ³⁾
Type	ø		ø A	ø B	max.	min.			
C	72	5S	7.2	–	7.0	6.1	FFA.5S.772.CN	–	FFA.5S.130.LC
C	82		8.2	–	8.0	7.1	FFA.5S.782.CN	–	FFA.5S.130.LC
C	92		9.2	–	9.0	8.1	FFA.5S.792.CN	–	FFA.5S.130.LC
C	10		10.2	–	10.0	9.1	FFA.5S.710.CN	–	FFA.5S.130.LC
C	11		11.2	–	11.0	10.1	FFA.5S.711.CN	–	FFA.5S.130.LC
C	12		12.2	–	12.0	11.1	FFA.5S.712.CN	–	FFA.5S.130.LC
C	13		13.2	–	13.0	12.1	FFA.5S.713.CN	–	FFA.5S.130.LC
C	14		14.2	–	14.0	13.1	FFA.5S.714.CN	–	FFA.5S.130.LC
C	15		15.2	–	15.0	14.1	FFA.5S.715.CN	–	FFA.5S.130.LC
C	16		16.2	–	16.0	15.1	FFA.5S.716.CN	–	FFA.5S.130.LC
C	17		17.2	–	17.0	16.1	FFA.5S.717.CN	–	FFA.5S.130.LC
C	18		18.2	–	18.0	17.1	FFA.5S.718.CN	–	FFA.5S.130.LC
C	19		19.2	–	19.0	18.1	FFA.5S.719.CN	–	FFA.5S.130.LC
C	20		20.2	19.7	20.0	19.1	FFA.5S.720.CN	–	FFA.5S.130.LC
C	21		21.2	19.7	21.0	20.1	FFA.5S.721.CN	–	FFA.5S.130.LC
C	22		22.2	19.7	22.0	21.1	FFA.5S.722.CN	–	FFA.5S.130.LC
K	23		23.2	–	23.0	22.1	FFA.6S.723.CN	FFA.5S.137.LCN	FFA.6S.130.LC
K	24		24.2	–	24.0	23.1	FFA.6S.724.CN	FFA.5S.137.LCN	FFA.6S.130.LC
K	25		25.2	–	25.0	24.1	FFA.6S.725.CN	FFA.5S.137.LCN	FFA.6S.130.LC
K	26		26.2	–	26.0	25.1	FFA.6S.726.CN	FFA.5S.137.LCN	FFA.6S.130.LC
K	27		27.2	–	27.0	26.1	FFA.6S.727.CN	FFA.5S.137.LCN	FFA.6S.130.LC
K	28		28.2	27.2	28.0	27.1	FFA.6S.728.CN	FFA.5S.137.LCN	FFA.6S.130.LC
K	29	29.2	27.2	29.0	28.1	FFA.6S.729.CN	FFA.5S.137.LCN	FFA.6S.130.LC	
K	30	30.2	27.2	30.0	29.1	FFA.6S.730.CN	FFA.5S.137.LCN	FFA.6S.130.LC	
C	72	7.2	–	7.0	6.1	FLA.5S.772.CN ²⁾	–	FFA.5S.130.LC	
C	82	8.2	–	8.0	7.1	FLA.5S.782.CN ²⁾	–	FFA.5S.130.LC	
C	92	9.2	–	9.0	8.1	FLA.5S.792.CN ²⁾	–	FFA.5S.130.LC	
C	10	10.2	–	10.0	9.1	FLA.5S.710.CN ²⁾	–	FFA.5S.130.LC	
C	11	11.2	–	11.0	10.1	FLA.5S.711.CN ²⁾	–	FFA.5S.130.LC	
C	12	12.2	–	12.0	11.1	FLA.5S.712.CN ²⁾	–	FFA.5S.130.LC	
C	13	13.2	–	13.0	12.1	FLA.5S.713.CN ²⁾	–	FFA.5S.130.LC	
C	14	14.2	–	14.0	13.1	FLA.5S.714.CN ²⁾	–	FFA.5S.130.LC	
C	15	15.2	–	15.0	14.1	FLA.5S.715.CN ²⁾	–	FFA.5S.130.LC	
C	16	16.2	–	16.0	15.1	FLA.5S.716.CN ²⁾	–	FFA.5S.130.LC	
C	17	17.2	–	17.0	16.1	FLA.5S.717.CN ²⁾	–	FFA.5S.130.LC	
C	18	18.2	–	18.0	17.1	FLA.5S.718.CN ²⁾	–	FFA.5S.130.LC	
C	19	19.2	–	19.0	18.1	FLA.5S.719.CN ²⁾	–	FFA.5S.130.LC	
C	20	20.2	19.7	20.0	19.1	FLA.5S.720.CN ²⁾	–	FFA.5S.130.LC	
C	21	21.2	19.7	21.0	20.1	FLA.5S.721.CN ²⁾	–	FFA.5S.130.LC	
C	22	22.2	19.7	22.0	21.1	FLA.5S.722.CN ²⁾	–	FFA.5S.130.LC	

Continuation on page 76

SPANNZANGEN COLLETS

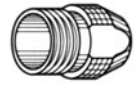
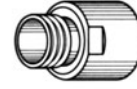
SERIE S SERIES S



L type collet

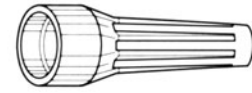
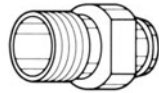


L type collet



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet ¹⁾	Part number of the oversize collet and of the split centre-pieces ³⁾	Part number of the collet nut ³⁾
Type	ø		ø A	ø B	max.	min.			
L	92	5S	9.2	–	9.0	8.1	FFA.5S.792.LN	–	FFA.5S.130.LC
L	10		10.2	–	10.0	9.1	FFA.5S.710.LN	–	FFA.5S.130.LC
L	11		11.2	–	11.0	10.1	FFA.5S.711.LN	–	FFA.5S.130.LC
L	12		12.2	–	12.0	11.1	FFA.5S.712.LN	–	FFA.5S.130.LC
L	13		13.2	–	13.0	12.1	FFA.5S.713.LN	–	FFA.5S.130.LC
L	14		14.2	–	14.0	13.1	FFA.5S.714.LN	–	FFA.5S.130.LC
L	15		15.2	–	15.0	14.1	FFA.5S.715.LN	–	FFA.5S.130.LC
L	16		16.2	–	16.0	15.1	FFA.5S.716.LN	–	FFA.5S.130.LC
L	17		17.2	–	17.0	16.1	FFA.5S.717.LN	–	FFA.5S.130.LC
L	18		18.2	–	18.0	17.1	FFA.5S.718.LN	–	FFA.5S.130.LC
L	19		19.2	–	19.0	18.1	FFA.5S.719.LN	–	FFA.5S.130.LC
L	20		20.2	–	20.0	19.1	FFA.5S.720.LN	–	FFA.5S.130.LC
L	21		21.2	–	21.0	20.1	FFA.5S.721.LN	–	FFA.5S.130.LC

Bend relief nut and bend relief



Reference		Serie	Part number of the collet nut	Bend relief to be used ¹⁾
Type	ø			
C	27 to 42	0S	FFM.0S.130.LC	GMA.0B.0••.D•
K	47 to 62		FFM.1S.130.LC	GMA.1B.0••.D•
L	27 to 42		FFM.0S.130.LC	GMA.0B.0••.D•
C	27 to 62	1S	FFM.1S.130.LC	GMA.1B.0••.D•
K	72 to 82		FFM.2S.130.LC	GMA.2B.0••.D•
L	27 to 62		FFM.1S.130.LC	GMA.1B.0••.D•
C	42 to 82	2S	FFM.2S.130.LC	GMA.2B.0••.D•
K	92 to 10		FFM.3S.130.LC	GMA.3B.0••.D•
L	42 to 82		FFM.2S.130.LC	GMA.2B.0••.D•
C	52 to 10	3S	FFM.3S.130.LC	GMA.3B.0••.D•
K	12 to 13		FFM.4S.130.LC	GMA.4B.0••.D•
L	52 to 10		FFM.3S.130.LC	GMA.3B.0••.D•
C	82 to 13	4S	FFM.4S.130.LC	GMA.4B.0••.D•
L	82 to 13		FFM.4S.130.LC	GMA.4B.0••.D•

Note:
¹⁾ the bend relief is to be ordered separately (see page 80).

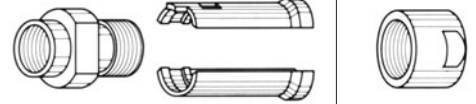


Part number example see page 3



SPANNZANGEN | COLLETS
SERIE E | SERIES E

C and K type collets



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet system ¹⁾	Part number of the oversize collet and of the split centre-pieces ²⁾	Part number of the collet nut ²⁾	
Type	ø		ø A	ø B	max.	min.				
C	10	0E	1.6	–	1.2	1.0	FFA.0E.710.CNS	–	FFA.00.130.LC	
C	15		1.6	–	1.5	1.3	FFA.0E.715.CNS	–	FFA.00.130.LC	
C	20		2.1	–	2.0	1.6	FFA.0E.720.CNS	–	FFA.00.130.LC	
C	25		3.1	–	2.5	2.1	FFA.0E.725.CNS	–	FFA.00.130.LC	
C	30		3.1	–	3.0	2.6	FFA.0E.730.CNS	–	FFA.00.130.LC	
C	35		4.2	4.2	3.5	3.1	FFA.0E.735.CNS	–	FFA.00.130.LC	
C	40		4.2	4.2	4.0	3.6	FFA.0E.740.CNS	–	FFA.00.130.LC	
C	45		5.2	5.2	4.5	4.1	FFA.0E.745.CNS	–	FFA.00.130.LC	
C	50		5.2	5.2	5.0	4.6	FFA.0E.750.CNS	–	FFA.00.130.LC	
C	15	1E	1.6	–	1.5	1.3	FFA.1E.715.CNS	–	FFA.1E.130.LC	
C	20		2.2	–	2.0	1.6	FFA.1E.720.CNS	–	FFA.1E.130.LC	
C	25		3.2	–	2.5	2.1	FFA.1E.725.CNS	–	FFA.1E.130.LC	
C	30		3.2	–	3.0	2.6	FFA.1E.730.CNS	–	FFA.1E.130.LC	
C	35		4.2	–	3.5	3.1	FFA.1E.735.CNS	–	FFA.1E.130.LC	
C	40		4.2	–	4.0	3.6	FFA.1E.740.CNS	–	FFA.1E.130.LC	
C	45		5.2	–	4.5	4.1	FFA.1E.745.CNS	–	FFA.1E.130.LC	
C	50		5.2	–	5.0	4.6	FFA.1E.750.CNS	–	FFA.1E.130.LC	
C	55		6.2	6.2	5.5	5.1	FFA.1E.755.CNS	–	FFA.1E.130.LC	
C	60		6.2	6.2	6.0	5.6	FFA.1E.760.CNS	–	FFA.1E.130.LC	
C	65		7.2	6.7	6.5	6.1	FFA.1E.765.CNS	–	FFA.1E.130.LC	
K	70		7.2	–	7.0	6.6	FFA.2E.770.CNS	FFA.1E.137.LCN	FFA.2E.130.LC	
K	75		8.2	8.2	7.5	7.1	FFA.2E.775.CNS	FFA.1E.137.LCN	FFA.2E.130.LC	
K	80		8.2	8.2	8.0	7.6	FFA.2E.780.CNS	FFA.1E.137.LCN	FFA.2E.130.LC	
K	85		9.2	8.6	8.5	8.1	FFA.2E.785.CNS	FFA.1E.137.LCN	FFA.2E.130.LC	
C	15		2E	2.2	–	1.5	1.3	FFA.2E.715.CNS	–	FFA.2E.130.LC
C	20			2.2	–	2.0	1.6	FFA.2E.720.CNS	–	FFA.2E.130.LC
C	25	3.2		–	2.5	2.1	FFA.2E.725.CNS	–	FFA.2E.130.LC	
C	30	3.2		–	3.0	2.6	FFA.2E.730.CNS	–	FFA.2E.130.LC	
C	35	4.2		–	3.5	3.1	FFA.2E.735.CNS	–	FFA.2E.130.LC	
C	40	4.2		–	4.0	3.6	FFA.2E.740.CNS	–	FFA.2E.130.LC	
C	45	5.2		–	4.5	4.1	FFA.2E.745.CNS	–	FFA.2E.130.LC	
C	50	5.2		–	5.0	4.6	FFA.2E.750.CNS	–	FFA.2E.130.LC	
C	55	6.2		–	5.5	5.1	FFA.2E.755.CNS	–	FFA.2E.130.LC	
C	60	6.2		–	6.0	5.6	FFA.2E.760.CNS	–	FFA.2E.130.LC	
C	65	7.2		–	6.5	6.1	FFA.2E.765.CNS	–	FFA.2E.130.LC	
C	70	7.2		–	7.0	6.6	FFA.2E.770.CNS	–	FFA.2E.130.LC	
C	75	8.2		8.2	7.5	7.1	FFA.2E.775.CNS	–	FFA.2E.130.LC	
C	80	8.2		8.2	8.0	7.6	FFA.2E.780.CNS	–	FFA.2E.130.LC	
C	85	9.2		8.6	8.5	8.1	FFA.2E.785.CNS	–	FFA.2E.130.LC	
K	90	9.2		–	9.0	8.6	FFA.3E.790.CNS	FFA.2E.137.LCN	FFA.3E.130.LC	
K	95	10.2		10.2	9.5	9.1	FFA.3E.795.CNS	FFA.2E.137.LCN	FFA.3E.130.LC	
K	10	10.2		10.2	10.0	9.6	FFA.3E.710.CNS	FFA.2E.137.LCN	FFA.3E.130.LC	
K	11	11.2		10.6	11.0	10.1	FFA.3E.711.CNS	FFA.2E.137.LCN	FFA.3E.130.LC	

Note:

¹⁾ for ordering the collet system separately.

²⁾ for ordering a K type collet separately, the oversize collet and the corresponding collet nut should also be ordered (see page 79).

All dimensions are in millimetres.

SPANNZANGEN COLLETS

SERIE E SERIES E



C and K type collets



Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet system ¹⁾	Part number of the oversize collet and of the split centre-pieces ²⁾	Part number of the collet nut ²⁾
Type	ø		ø A	ø B	max.	min.			
C	30	3E	3.2	-	3.0	2.6	FFA.3E.730.CNS	-	FFA.3E.130.LC
C	35		4.2	-	3.5	3.1	FFA.3E.735.CNS	-	FFA.3E.130.LC
C	40		4.2	-	4.0	3.6	FFA.3E.740.CNS	-	FFA.3E.130.LC
C	45		5.2	-	4.5	4.1	FFA.3E.745.CNS	-	FFA.3E.130.LC
C	50		5.2	-	5.0	4.6	FFA.3E.750.CNS	-	FFA.3E.130.LC
C	55		6.2	-	5.5	5.1	FFA.3E.755.CNS	-	FFA.3E.130.LC
C	60		6.2	-	6.0	5.6	FFA.3E.760.CNS	-	FFA.3E.130.LC
C	65		7.2	-	6.5	6.1	FFA.3E.765.CNS	-	FFA.3E.130.LC
C	70		7.2	-	7.0	6.6	FFA.3E.770.CNS	-	FFA.3E.130.LC
C	75		8.2	-	7.5	7.1	FFA.3E.775.CNS	-	FFA.3E.130.LC
C	80		8.2	-	8.0	7.6	FFA.3E.780.CNS	-	FFA.3E.130.LC
C	85		9.2	-	8.5	8.1	FFA.3E.785.CNS	-	FFA.3E.130.LC
C	90		9.2	-	9.0	8.6	FFA.3E.790.CNS	-	FFA.3E.130.LC
C	95		10.2	10.2	9.5	9.1	FFA.3E.795.CNS	-	FFA.3E.130.LC
C	10		10.2	10.2	10.0	9.6	FFA.3E.710.CNS	-	FFA.3E.130.LC
C	11		11.2	11.2	11.0	10.1	FFA.3E.711.CNS	-	FFA.3E.130.LC
K	11		12.3	-	12.0	10.6	FFA.4E.711.CNS	FFA.3E.137.LCN	FFA.4E.130.LC
K	12		13.8	13.8	12.8	12.1	FFA.4E.712.CNS	FFA.3E.137.LCN	FFA.4E.130.LC
K	13	13.8	13.8	13.5	12.9	FFA.4E.713.CNS	FFA.3E.137.LCN	FFA.4E.130.LC	
K	14	15.3	15.3	14.0	13.6	FFA.4E.714.CNS	FFA.3E.137.LCN	FFA.4E.130.LC	
K	15	15.3	15.3	15.0	14.1	FFA.4E.715.CNS	FFA.3E.137.LCN	FFA.4E.130.LC	
C	50	4E	6.3	-	5.0	4.6	FFA.4E.750.CNS	-	FFA.4E.130.LC
C	55		6.3	-	5.5	5.1	FFA.4E.755.CNS	-	FFA.4E.130.LC
C	60		6.3	-	6.0	5.6	FFA.4E.760.CNS	-	FFA.4E.130.LC
C	65		7.3	-	6.5	6.1	FFA.4E.765.CNS	-	FFA.4E.130.LC
C	70		7.3	-	7.0	6.6	FFA.4E.770.CNS	-	FFA.4E.130.LC
C	75		8.3	-	7.5	7.1	FFA.4E.775.CNS	-	FFA.4E.130.LC
C	80		8.3	-	8.0	7.6	FFA.4E.780.CNS	-	FFA.4E.130.LC
C	85		9.3	-	8.5	8.1	FFA.4E.785.CNS	-	FFA.4E.130.LC
C	90		9.3	-	9.0	8.6	FFA.4E.790.CNS	-	FFA.4E.130.LC
C	95		10.8	-	9.5	9.1	FFA.4E.795.CNS	-	FFA.4E.130.LC
C	10		10.8	-	10.5	9.6	FFA.4E.710.CNS	-	FFA.4E.130.LC
C	11		12.3	-	12.0	10.6	FFA.4E.711.CNS	-	FFA.4E.130.LC
C	12		13.8	13.8	12.8	12.1	FFA.4E.712.CNS	-	FFA.4E.130.LC
C	13		13.8	13.8	13.5	12.9	FFA.4E.713.CNS	-	FFA.4E.130.LC
C	14		15.3	15.3	14.0	13.6	FFA.4E.714.CNS	-	FFA.4E.130.LC
C	15		15.3	15.3	15.0	14.1	FFA.4E.715.CNS	-	FFA.4E.130.LC
K	16		17.8	-	16.5	15.6	FFA.4K.716.CNS	FFA.4E.137.LCN ³⁾	FFA.4K.136.LC
K	17		17.8	-	17.5	16.6	FFA.4K.717.CNS	FFA.4E.137.LCN	FFA.4K.136.LC
K	18		19.8	-	18.5	17.6	FFA.4K.718.CNS	FFA.4E.137.LCN	FFA.4K.136.LC
K	19		19.8	-	19.5	18.6	FFA.4K.719.CNS	FFA.4E.137.LCN	FFA.4K.136.LC
K	20		21.8	-	20.5	19.6	FFA.4K.720.CNS	FFA.4E.137.LCN	FFA.4K.136.LC
K	21		21.8	-	21.5	20.6	FFA.4K.721.CNS	FFA.4E.137.LCN	FFA.4K.136.LC
K	22		23.8	23.8	22.5	21.6	FFA.4K.722.CNS	FFA.4E.137.LCN	FFA.4K.136.LC
K	23	23.8	23.8	23.5	22.6	FFA.4K.723.CNS	FFA.4E.137.LCN	FFA.4K.136.LC	

Note: ¹⁾ for ordering the collet system separately.

²⁾ for ordering a K type collet separately, the oversize collet and the corresponding collet nut should also be ordered (see page 79).

³⁾ in 4E series, the centre-piece is made of one piece. All dimensions are in millimetres.

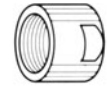


Part number example see page 3



SPANNZANGEN | COLLETS
SERIE E | SERIES E

C type collets

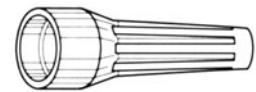
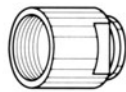


Reference		Serie	ø Collet (mm)		ø Cable (mm)		Part number of the collet system ¹⁾	Part number of the collet nut
Type	ø		ø A	ø B	max.	min.		
C	10	5E	11.8	–	10.5	9.6	FFA.5K.710.CNS	FFA.5K.130.LC
C	11		11.8	–	11.5	10.6	FFA.5K.711.CNS	FFA.5K.130.LC
C	12		13.8	–	12.5	11.6	FFA.5K.712.CNS	FFA.5K.130.LC
C	13		13.8	–	13.5	12.6	FFA.5K.713.CNS	FFA.5K.130.LC
C	14		15.8	–	14.5	13.6	FFA.5K.714.CNS	FFA.5K.130.LC
C	15		15.8	–	15.5	14.6	FFA.5K.715.CNS	FFA.5K.130.LC
C	16		17.8	–	16.5	15.6	FFA.5K.716.CNS	FFA.5K.130.LC
C	17		17.8	–	17.5	16.6	FFA.5K.717.CNS	FFA.5K.130.LC
C	18		19.8	–	18.5	17.6	FFA.5K.718.CNS	FFA.5K.130.LC
C	19		19.8	–	19.5	18.6	FFA.5K.719.CNS	FFA.5K.130.LC
C	20		21.8	–	20.5	19.6	FFA.5K.720.CNS	FFA.5K.130.LC
C	21		21.8	–	21.5	20.6	FFA.5K.721.CNS	FFA.5K.130.LC
C	22		23.8	23.8	22.5	21.6	FFA.5K.722.CNS	FFA.5K.130.LC
C	23		23.8	23.8	23.5	22.6	FFA.5K.723.CNS	FFA.5K.130.LC

Note:

¹⁾ for ordering the collet system separately.

Bend relief nut and bend relief



Reference		Serie	Part number of the collet nut	Bend relief to be used ¹⁾
Type	ø			
C	10 to 50	0E	FFM.0E.130.LC	GMA.0B.***.●●
C	15 to 65	1E	FFM.1E.130.LC	GMA.1B.***.●●
K	70 to 85		FFM.2E.130.LC	GMA.2B.***.●●
C	15 to 85	2E	FFM.2E.130.LC	GMA.2B.***.●●
K	90 to 11		FFM.3E.130.LC	GMA.3B.***.●●
C	30 to 10	3E	FFM.3E.130.LC	GMA.3B.***.●●
K	11 to 15		FFM.4E.130.LC	GMA.4B.***.●●
C	50 to 15	4E	FFM.4E.130.LC	GMA.4B.***.●●

Note:

¹⁾ the bend relief is to be ordered separately (see page 80).
All dimensions are in millimetres.



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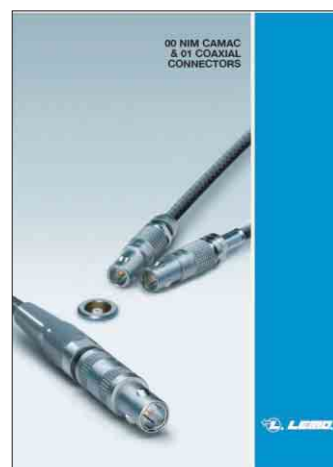
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