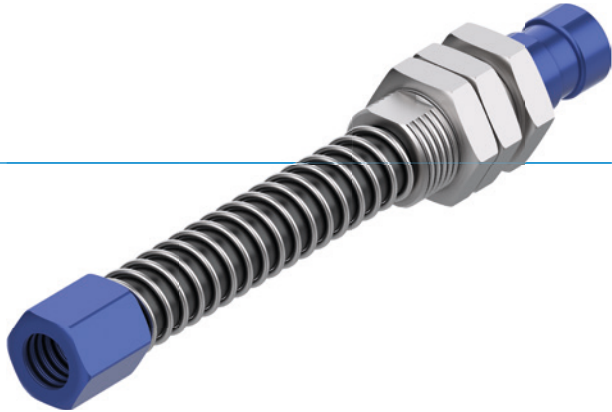


SPRING PLUNGER

SERIES ZLC

► PRODUCT ADVANTAGES



- Flexible use for all requirements
- Variants with internal and external spring available
- Available with anti-rotation lock

► PRODUCT KEY

ZLC	M10F	30	TI	3N
Series	Fixing thread	Stroke [mm]	Vacuum connection and spring position	Version

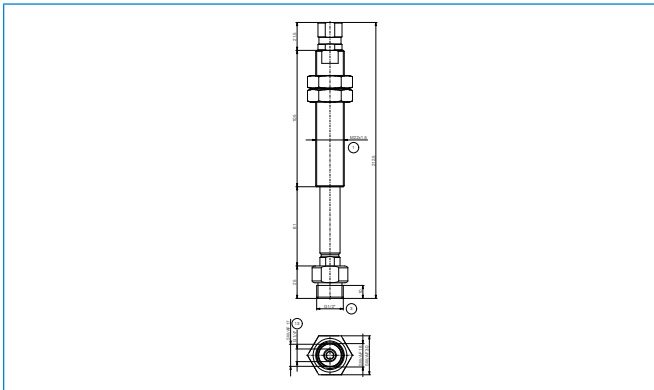
► TECHNICAL DATA

Order no.	► Technical data								
	Fixing thread	Stroke [mm]	Fixing thread	Number of nuts	Width across flats Nuts [mm]	Vacuum connection	Vacuum connection position	Spring position	Weight [kg]
ZLC-12M-30-SE	G1/2" external	30	M20X1.5	2	24	G1/8" internal	lateral	outside	0.289
ZLC-12M-30-TI	G1/2" external	30	M22X1.5	2	30	G1/4" internal	above	inside	0.13
ZLC-12M-50-SE	G1/2" external	50	M20X1.5	2	24	G1/8" internal	lateral	outside	0.16
ZLC-12M-50-TI	G1/2" external	50	M18X1	2	22	G1/8" internal	above	inside	0.116
ZLC-12M-50-TI-E	G1/2" external	50	M22X1.5	2	30	G1/4" internal	above	inside	0.3
ZLC-14M-15-TI	G1/4" external	15	M18X1	2	22	G1/8" internal	above	inside	0.066
ZLC-14M-20-TI	G1/4" external	20	M16X1	2	20	G1/8" internal	above	inside	0.045
ZLC-14M-30-TI-3N	G1/4" external	30	M18X1	3	22	G1/8" internal	above	inside	0.101
ZLC-18F-05-SI	G1/8" internal	5	M10X1	2	12	M5 inside	lateral	inside	0.024
ZLC-18F-10-TI-E	G1/8" internal	10	M16X1	2	20	G1/8" internal	above	inside	0.073
ZLC-18M-05-SI	G1/8" external	5	M10X1	2	12	M5 inside	lateral	inside	0.028
ZLC-18M-10-TI	G1/8" external	10	M14X1.5	2	19	G1/8" internal	above	inside	0.044
ZLC-18M-15-SI	G1/8" external	15	M14X1	2	19	M5 inside	lateral	inside	0.086
ZLC-18M-15-TI	G1/8" external	15	M14X1	2	19	G1/8" internal	above	inside	0.036
ZLC-18M-18-TI	G1/8" external	18	M14X1.5	2	20	G1/8" internal	above	inside	0.02
ZLC-18M-20-TI-3N	G1/8" external	20	M18X1	3	22	G1/8" internal	above	inside	0.083
ZLC-18M-20-TI-NR	G1/8" external	20	M16X1	2	20	G1/8" internal	above	inside	0.054
ZLC-18M-30-SE	G1/8" external	30	M14X1.5	2	19	M5 inside	lateral	outside	0.054
ZLC-18M-30-TI	G1/8" external	30	G1/8"	2	20	G1/8" internal	above	inside	0.06
ZLC-18M-30-TI-3N	G1/8" external	30	M18X1	3	22	G1/8" internal	above	inside	0.13
ZLC-18M-45-TE	G1/8" external	45	M16X1	2	20	G1/8" internal	above	outside	0.066
ZLC-18M-50-SE	G1/8" external	50	M14X1.5	2	19	M5 inside	lateral	outside	0.105
ZLC-18M-50-TE-3N	G1/8" external	50	M18X1	3	22	G1/8" internal	above	outside	0.09
ZLC-18M-50-TI-NR	G1/8" external	50	M18X1	2	22	G1/8" internal	above	inside	0.14
ZLC-18M-70-TE-3N	G1/8" external	70	M18X1	3	22	G1/8" internal	above	outside	0.13
ZLC-M10F-10-TI	M10 inside	10	M16X1	2	14	G1/8" internal	above	inside	0.043
ZLC-M10F-20-TI-3N	M10 inside	20	M18X1	3	22	G1/8" internal	above	inside	0.083

SPRING PLUNGER

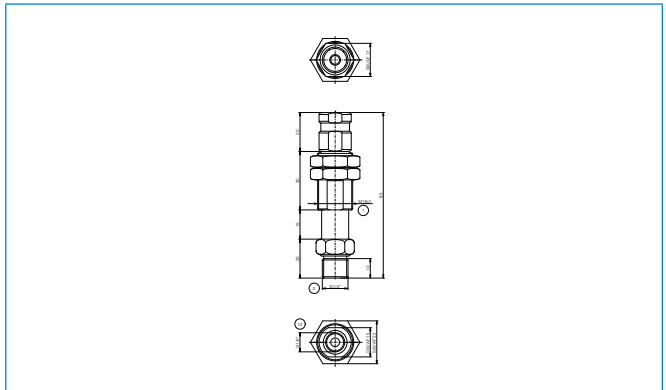
SERIES ZLC

ZLC-12M-50-TI-E



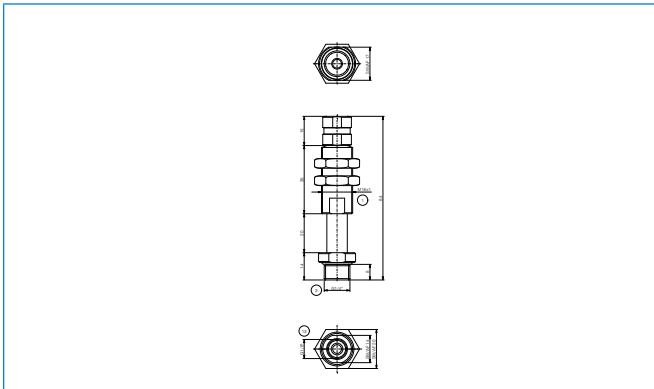
- ① Fixing
- ③ Vacuum connection
- ⑬ Connection for suction lip

ZLC-14M-15-TI



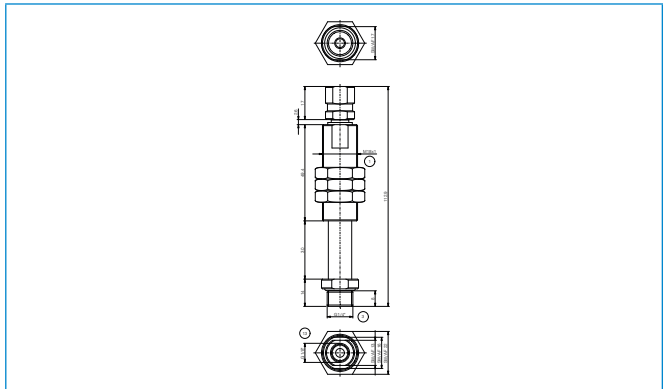
- ① Fixing
- ③ Vacuum connection
- ⑬ Connection for suction lip

ZLC-14M-20-TI



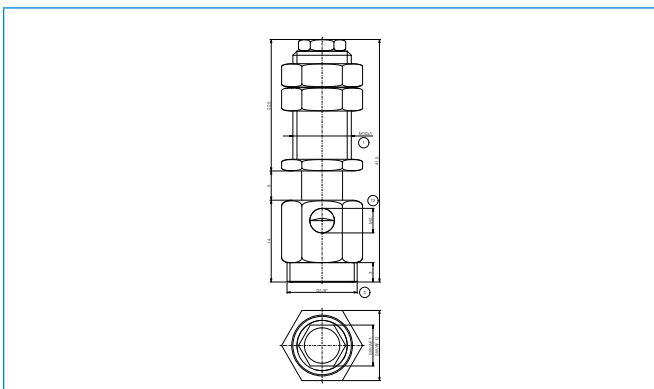
- ① Fixing
- ③ Vacuum connection
- ⑬ Connection for suction lip

ZLC-14M-30-TI-3N



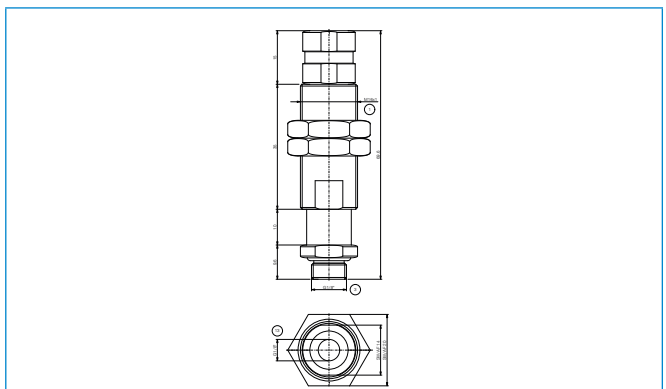
- ① Fixing
- ③ Vacuum connection
- ⑬ Connection for suction lip

ZLC-18F-05-SI



- ① Fixing
- ③ Vacuum connection
- ⑬ Connection for suction lip

ZLC-18F-10-TI-E



- ① Fixing
- ③ Vacuum connection
- ⑬ Connection for suction lip

- [illegible]

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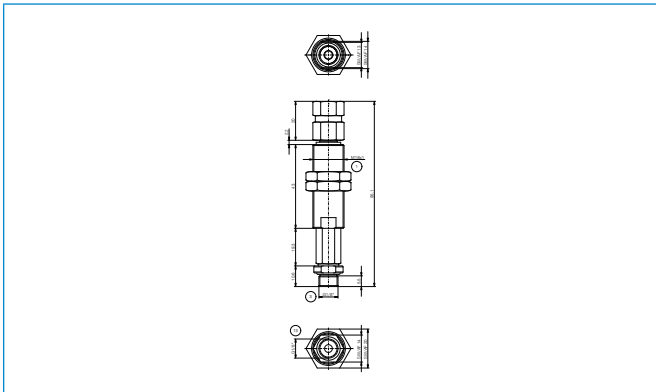
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- 5

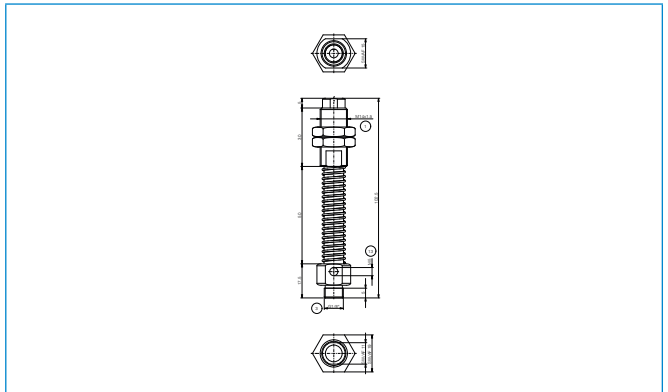
SPRING PLUNGER SERIES ZLC

ZLC-18M-20-TI-NR



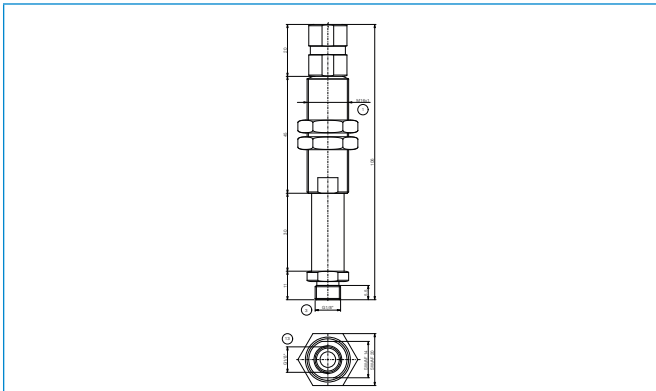
- (①) Fixing
- (③) Vacuum connection
- (⑬) Connection for suction lip

ZLC-18M-30-SE



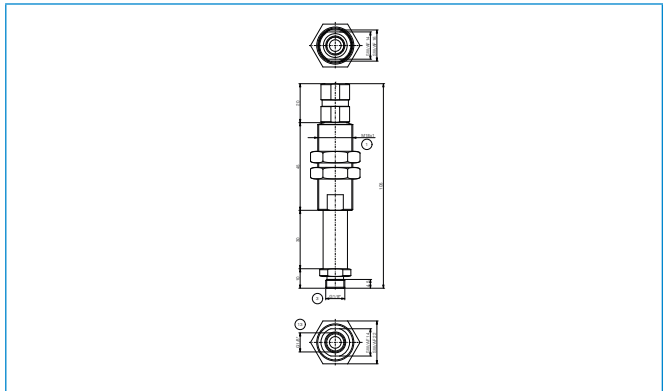
- ① Fixing
- ③ Vacuum connection
- ⑬ Connection for suction lip

ZLC-18M-30-TI



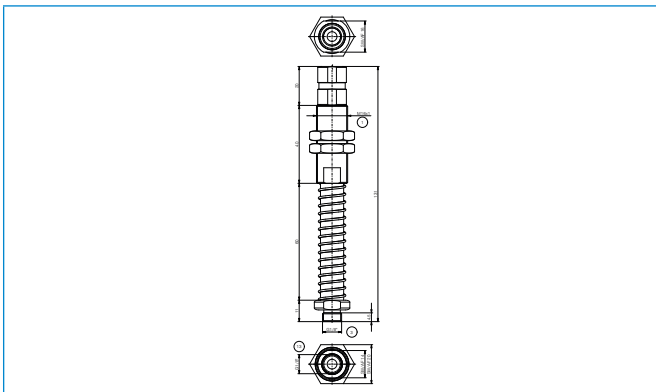
- (1)** Fixing
- (3)** Vacuum connection
- (13)** Connection for suction lip

ZLC-18M-30-TI-3N



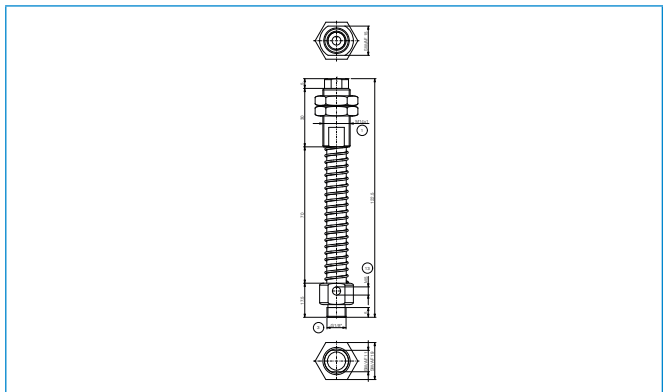
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-18M-45-TE

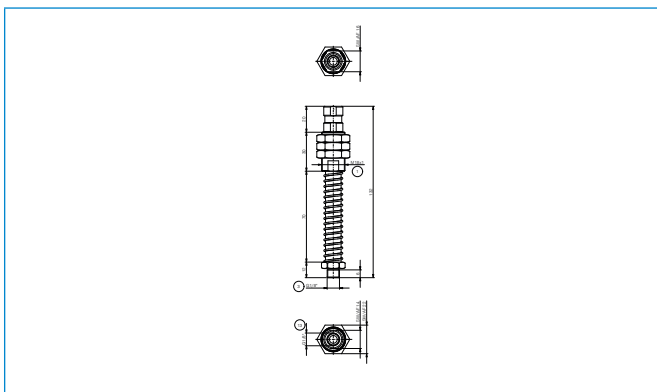


- ① Fixing
③ Vacuum connection
- ⑬ Connection for suction lip

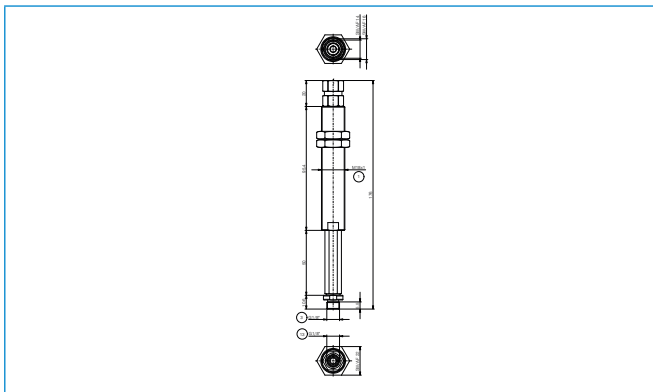
ZLC-18M-50-SE



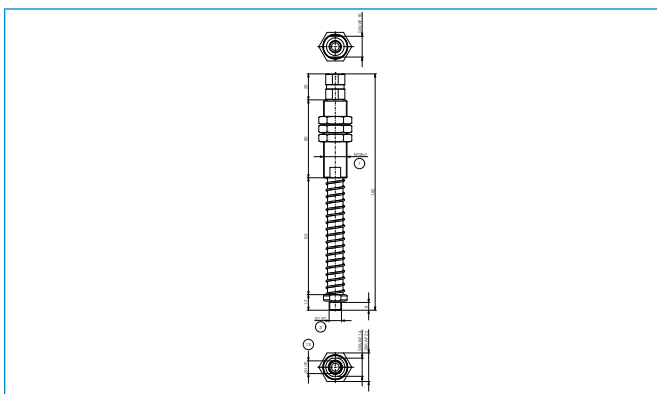
- ① Fixing ⑬ Connection for suction lip
③ Vacuum connection

ZLC-18M-50-TE-3N

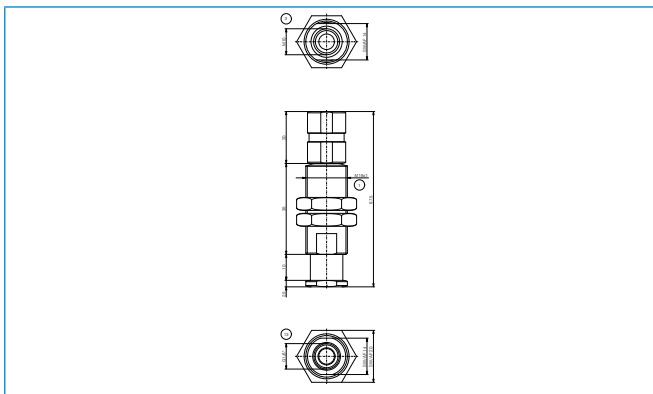
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-18M-50-TI-NR

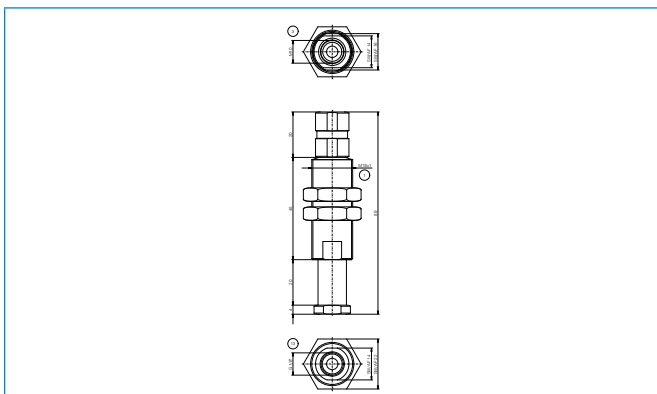
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-18M-70-TE-3N

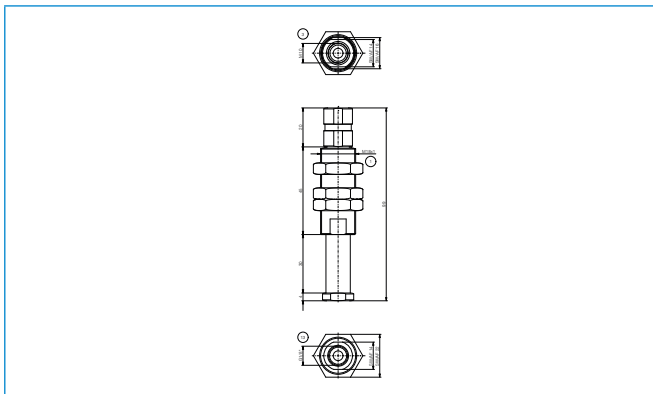
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-M10F-10-TI

- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-M10F-20-TI-3N

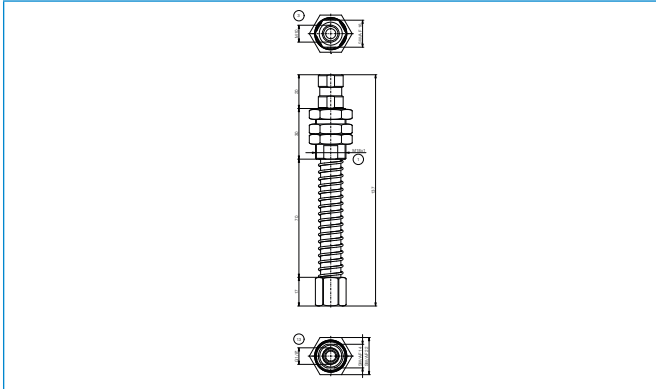
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-M10F-30-TI-3N

- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

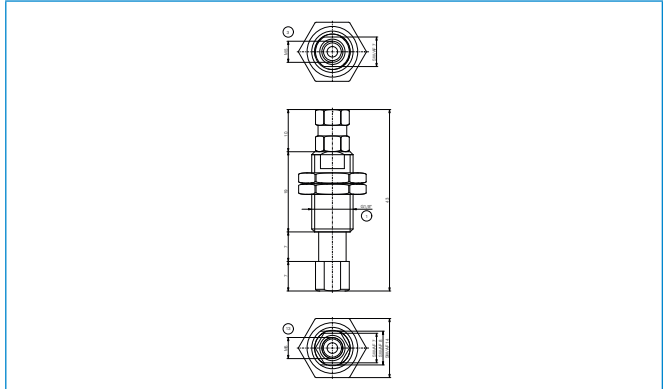
SPRING PLUNGER SERIES ZLC

ZLC-M10F-50-TE-3N



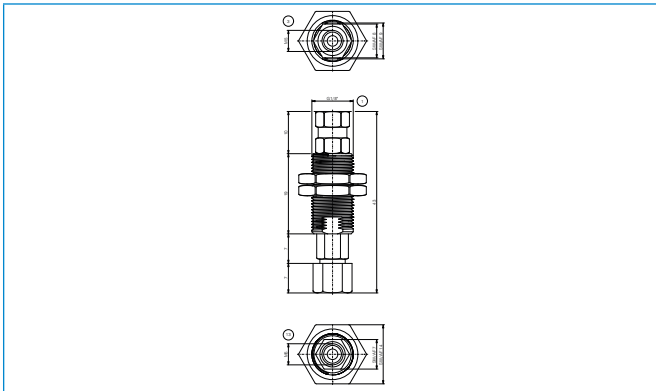
- (1)** Fixing **(13)** Connection for suction lip
- (3)** Vacuum connection

ZLC-M5F-07-TI



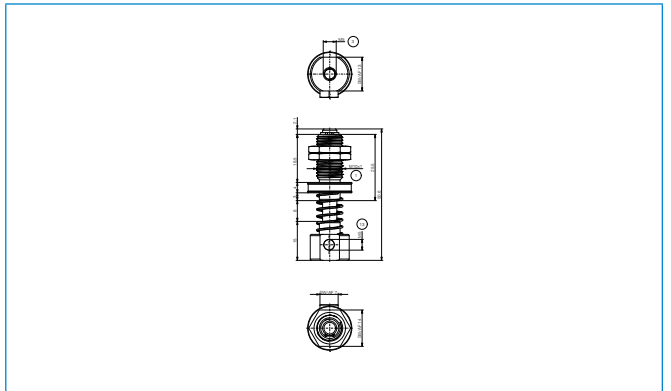
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-M5F-07-TI-NR



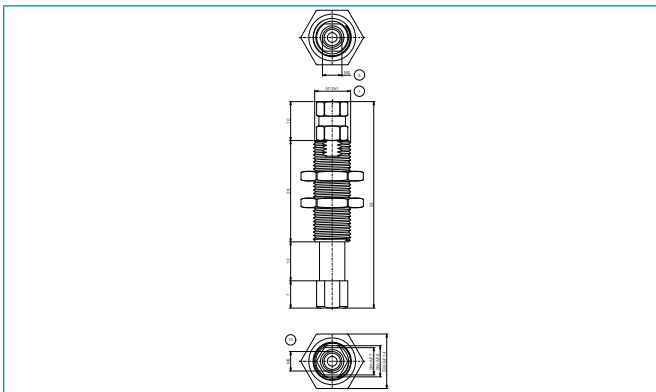
- (1)** Fixing
- (3)** Vacuum connection
- (13)** Connection for suction lip

ZLC-M5F-08-SE



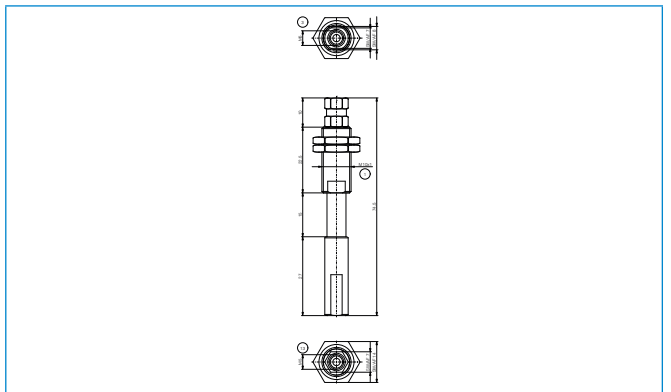
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-M5F-10-TI

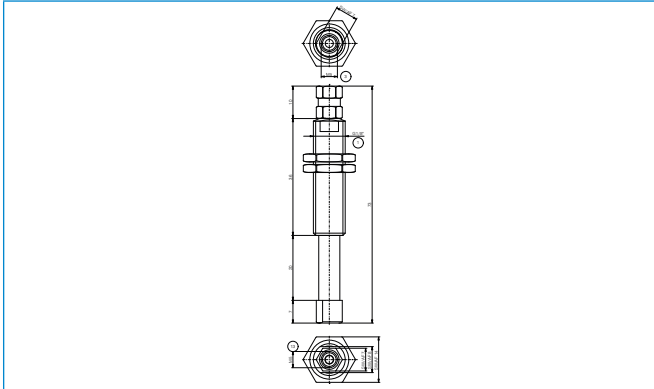


- ① Fixing ⑬ Connection for suction lip
- ③ Vacuum connection

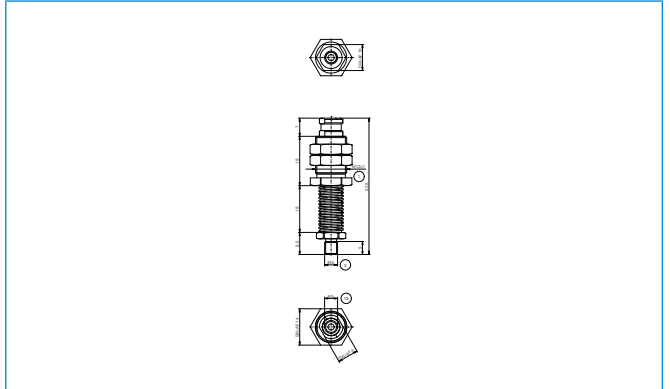
ZLC-M5F-15-TI



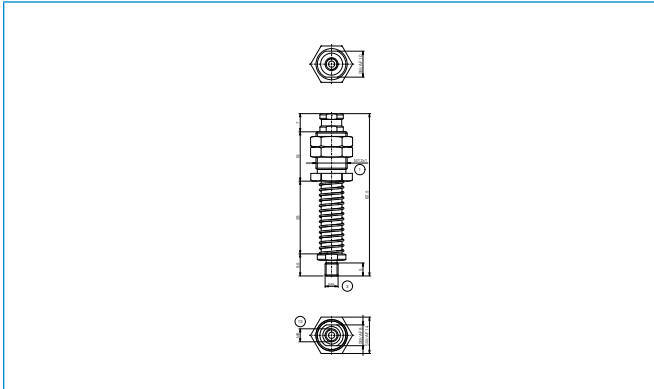
- ① Fixing ⑬ Connection for suction lip
- ③ Vacuum connection

ZLC-M5F-20-TI

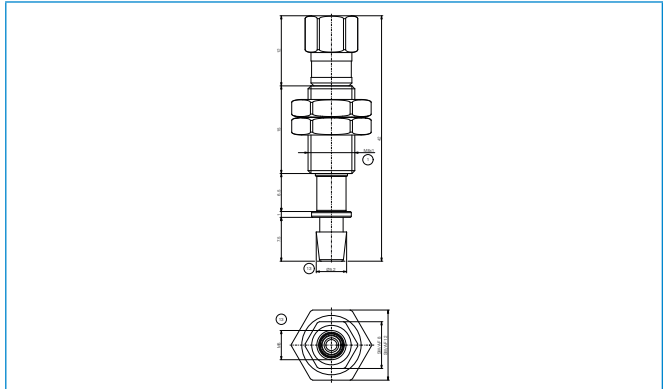
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-M5M-10-TE

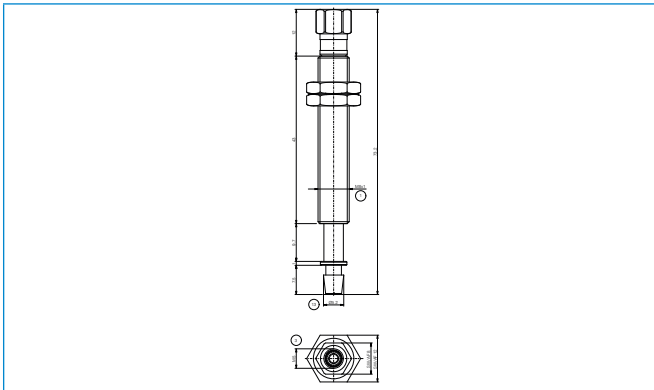
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-M5M-20-TE

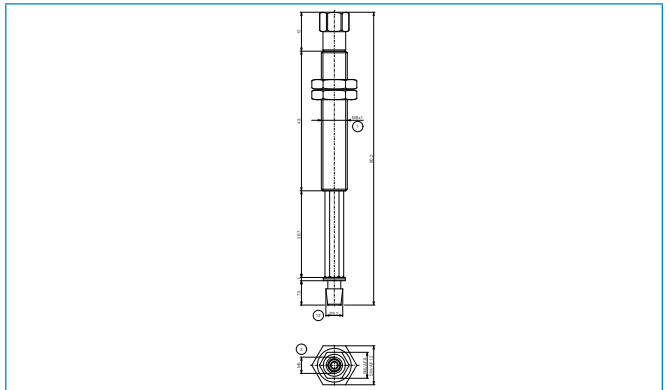
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-NFA-06-TI

- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-NFA-10-TI

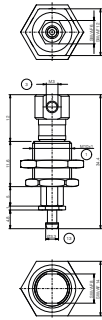
- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-NFA-25-TI-NR

- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

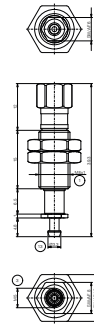
SPRING PLUNGER SERIES ZLC

ZLC-NFB-05-SI-NR



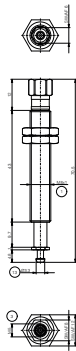
- ① Fixing ⑬ Connection for suction lip
- ③ Vacuum connection

ZLC-NFB-06-TI



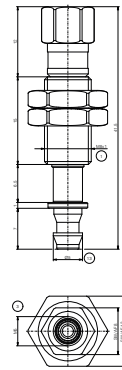
- (1)** Fixing
- (3)** Vacuum connection
- (13)** Connection for suction lip

ZLC-NFB-10-TI



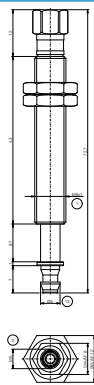
- (1)** Fixing **(13)** Connection for suction lip
- (3)** Vacuum connection

ZLC-NFC-06-TI



- ① Fixing
③ Vacuum connection
⑬ Connection for suction lip

ZLC-NFC-10-TI



- ① Fixing
③ Vacuum connection
- ⑬ Connection for suction lip