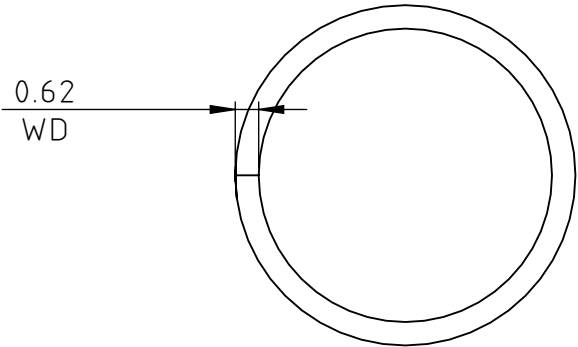
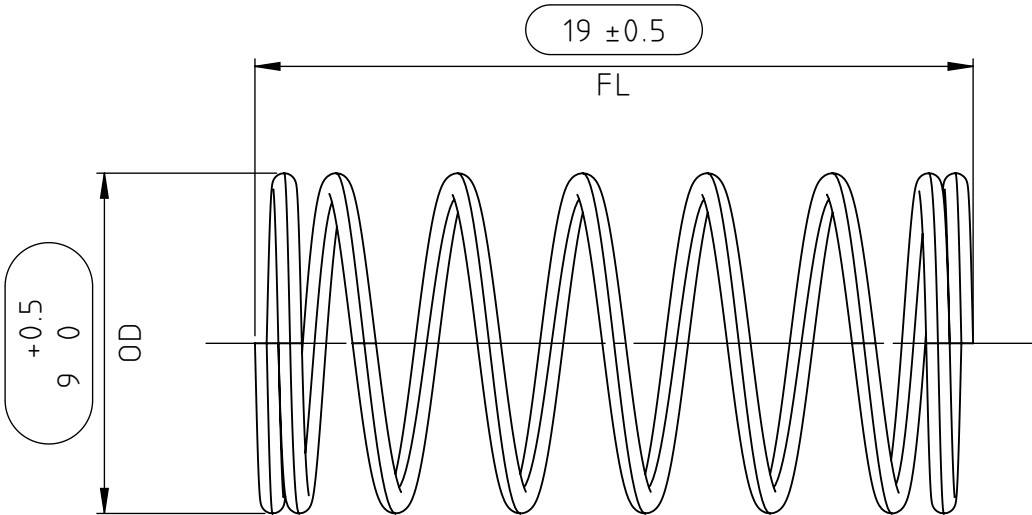
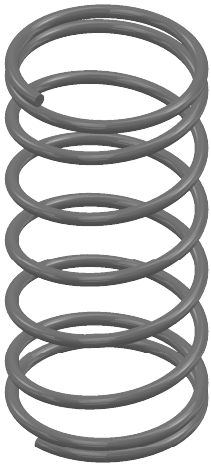


DO NOT SCALE


REMOVE ALL SHARP EDGES AND BURRS

ATTRIBUTE	ACRONYM	VALUE
WIRE DIAMETER	WD	0.62±0.01 mm
OUTER DIAMETER	OD	9.0 (+0.5/-0) mm
MEAN DIAMETER	MD	8.4 (+0.5/-0) mm
INNER DIAMETER	ID	7.8 (+0.5/-0) mm
FREE LENGTH	FL	19.0±0.5 mm
ACTIVE COILS	AC	6.0±0.2 COIL
TOTAL COILS	TC	8.0±0.2 COIL
SOLID HEIGHT	SH	(5.6 mm)
COIL PITCH	CP	(2.9 mm)
RISE ANGLE	RA	(6.19°)
SPRING RATE	K	(0.36 N/mm)
MAX LOAD	ML	(4.8 N)
MAX TRAVEL	MT	(13.4±0.5 mm)
SPRING INDEX	I	13.5
WAHL CORRECTION FACTOR	W	1.11

LOADED LENGTH (mm)	TARGET FORCE (N)
7	4.3±10%
16	1.1±10%



SPRING TYPE	COMPRESSION
END TYPE	CLOSED, SQUARED
WIND DIRECTION	RIGHT

SHEET No. 1 of 1		BIPED KNEE JOINT	
SH-K0730S Solenoid Spring Type 4			
AC620-9000-8000-SST-19000 		DRAWN : CHENG-YUEH LIU	14 NOV 2023
Part No.: 904		APPROVED :	904
No. Req'd: 1		0.62mm SS304 WIRE	
SCALE : 5:1 -- (A3)		SMOOTH FINISH	
ALL DIMENSIONS IN mm			