

焊接波纹管

Welded Bellows

赛米瑟焊接波纹管是一种由多层金属薄片通过精密焊接制成的柔性零件，具有优异的弹性、密封性和耐压性能。广泛应用于航空航天、石油化工、真空技术、医疗器械等领域，用于传递运动、补偿位移、隔离介质或者吸收振动。焊接波纹管材料有不锈钢 (sus304L、sus316L) 和镍基合金 (Inconel、Hastelloy) 等，工作寿命可以达到百万次。

Semi Serve welded bellows is a flexible component made of multiple layers of metal sheets through precision welding, with excellent elasticity, sealing, and pressure resistance. Widely used in aerospace, petrochemical, vacuum technology, medical equipment and other fields, for transmitting motion, compensating displacement, isolating media or absorbing vibration. Welded bellows materials include stainless steel (sus304L,sus316L) and nickel based alloys (Inconel,Hastelloy), with a service life of up to one million cycles.

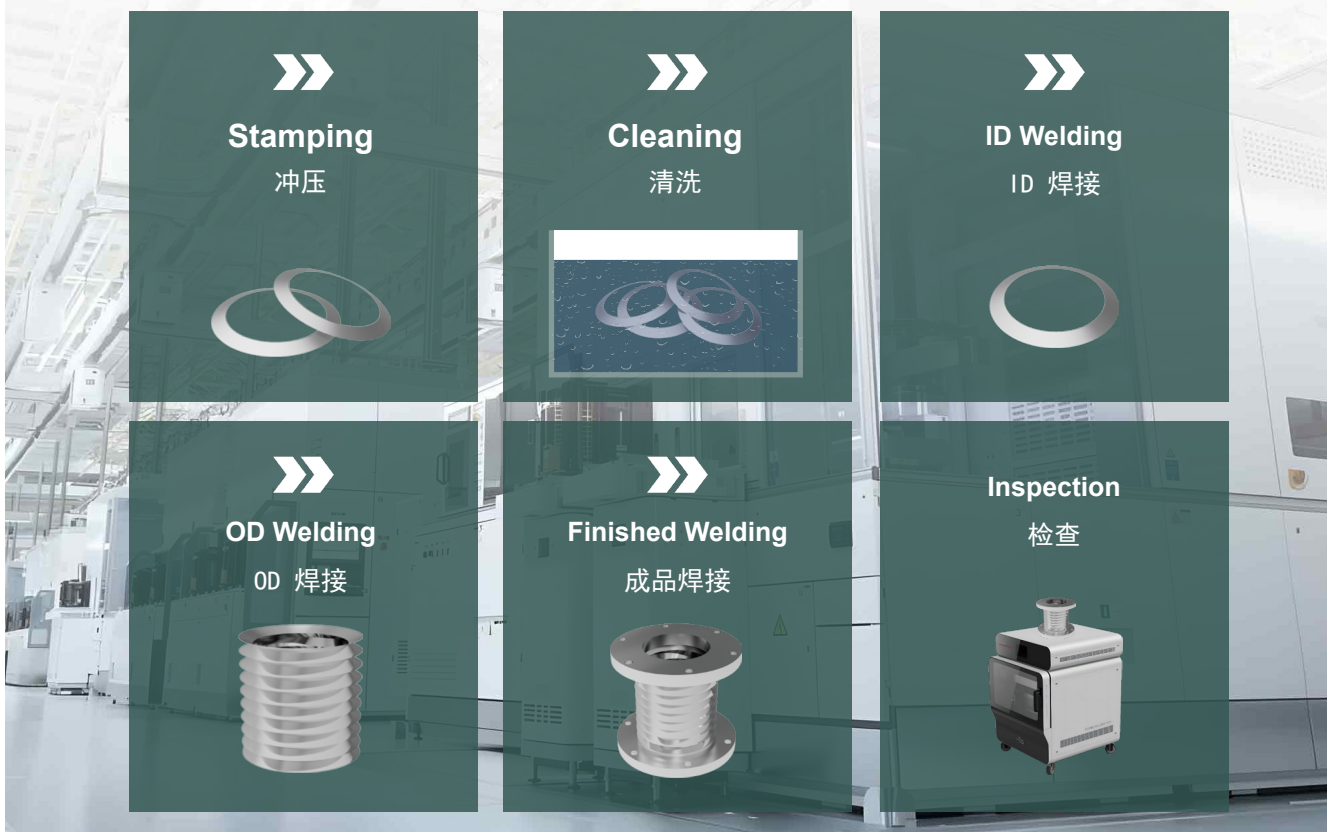


波纹管材料特性表

Welded Bellows Specification

材料 Material	特性 Feature	温度 Operation Temp	耐热性 Heat Resistance	耐用性 Strength	耐腐蚀 Corrosive
SUS304L	耐腐蚀，除了盐酸盐和卤盐。耐热 Corrosion resistant, except for hydrochloride and halide salts. heat-resisting.	-250°C ~450°C	B	B	B
SUS316L	耐腐蚀，除了盐酸盐和卤盐。耐热 Corrosion resistant, except for hydrochloride and halide salts. heat-resisting.	-250°C ~450°C	B	B	B+
AM350	高弹力、超高使用寿命、带有弱磁性 High elasticity, ultra long service life, with weak magnetism.	-200°C ~315°C	B	A+	B
Inconel625	耐酸、耐高温 Acid resistant and high temperature resistant	-200°C ~980°C	A	A	A
Inconel718	耐酸、耐高温 Acid resistant and high temperature resistant	-253°C ~700°C	A	A	A
Hastelloy C-276	非常高的耐腐蚀性，抗氧化，抗盐化物的能力强 Very high corrosion resistance, strong ability to resist oxidation and salt compounds	-200°C ~700°C	A	A	A
Hastelloy C-22	非常高的耐腐蚀性，抗氧化，抗盐化物的能力强 Very high corrosion resistance, strong ability to resist oxidation and salt compounds	-200°C ~700°C	A	A	A

工艺流程 Process Flow



Welded Bellows

焊接波纹管规格表

型号	外径 (mm)	内径 (mm)
SSV5-2	5	2
SSV5-3	5	3
SSV10-5	10	5
SSV10-5.8	10	5.8
SSV14.2-9.8	14.2	9.8
SSV15-6.5	15	6.5
SSV16-8	16	8
SSV17-8	17	8
SSV20-9	20	9
SSV20-11	20	11
SSV22.2-9.2	22.2	9.2
SSV23-16	23	16
SSV24.7-14.4	24.7	14.4
SSV25-16	25	16
SSV25-10	25	10
SSV25.8-19.2	25.8	19.2
SSV26-13	26	13
SSV26-12	26	12
SSV27-12	27	12
SSV27.6-20	27.6	20
SSV28-15.2	28	15.2
SSV30-19	30	19
SSV30-10.8	30	10.8
SSV31.8-21.8	31.8	21.8
SSV32-19.2	32	19.2
SSV34.1-21.3	34.1	21.3
SSV34.1-14.9	34.1	14.9
SSV35.3-22.5	35.3	22.5
SSV36.5-16.5	36.5	16.5
SSV37-23	37	23
SSV38.1-25.3	38.1	25.3
SSV39.5-25.9	39.5	25.9

型号	外径 (mm)	内径 (mm)
SSV39.5-19	39.5	19
SSV39.5-10	39.5	10
SSV40-30	40	30
SSV40-22	40	22
SSV41.2-22	41.2	22
SSV44.2-30	44.2	30
SSV44.5-18.9	44.5	18.9
SSV44.5-25.3	44.5	25.3
SSV46-33.5	46	33.5
SSV46-26.8	46	26.8
SSV47.8-35	47.8	35
SSV49.5-36.7	49.5	36.7
SSV49.5-23.9	49.5	23.9
SSV50-33	50	33
SSV50-35	50	35
SSV51-31.8	51	31.8
SSV52.4-39.6	52.4	39.6
SSV54-41.2	54	41.2
SSV55.6-30	55.6	30
SSV56.2-37	56.2	37
SSV57-32	57	32
SSV58.7-38.7	58.7	38.7
SSV59.7-46.9	59.7	46.9
SSV60-40	60	40
SSV61-45	61	45
SSV61.9-49.1	61.9	49.1
SSV62-36	62	36
SSV65-52.2	65	52.2
SSV65-45.8	65	45.8
SSV69.2-50	69.2	50
SSV69.2-50	69.2	50
SSV70-40	70	40

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型号	外径 (mm)	内径 (mm)
SSV71-54	71	54
SSV75-55.8	75	55.8
SSV77-57.5	77	57.5
SSV80-60.8	80	60.8
SSV80.5-69.1	80.5	69.1
SSV82-67	82	67
SSV84-71.5	84	71.5
SSV85-63	85	63
SSV88.5-65.5	88.5	65.5
SSV90-70	90	70
SSV92-76	92	76
SSV95-72	95	72
SSV100-70	100	70
SSV107-77	107	77
SSV108-80	108	80
SSV108-80	108	80
SSV109-89	109	89
SSV120-95	120	95
SSV120-90	120	90
SSV129.2-110	129.2	110
SSV129.2-110	129.2	110
SSV130-102	130	102
SSV130-90	130	90
SSV130-90	130	90
SSV133.4-106.7	133.4	106.7
SSV136-102	136	102
SSV137-103	137	103
SSV139.6-120.4	139.6	120.4
SSV140-100	140	100
SSV145-105	145	105
SSV150-125	150	125
SSV150-120	150	120

型号	外径 (mm)	内径 (mm)
SSV160-130	160	130
SSV160-120	160	120
SSV163.6-137	163.6	137
SSV166-138	166	138
SSV166-135	166	135
SSV169-149	169	149
SSV172-148	172	148
SSV172-149	172	149
SSV180-150	180	150
SSV185-135	185	135
SSV190-164.4	190	164.4
SSV190-150	190	150
SSV195-165	195	165
SSV200-170	200	170
SSV200-160	200	160
SSV210-170	210	170
SSV215-175	215	175
SSV215-180	215	180
SSV230-190	230	190
SSV235-200	235	200
SSV257-217	257	217
SSV265-225	265	225
SSV275-235	275	235
SSV285-250	285	250
SSV310-270	310	270
SSV370-320	370	320
SSV370-320	370	320
SSV445-410	445	410
SSV445-410	445	410
SSV510-426	510	426
SSV640-540	640	540
SSV840-700	840	700