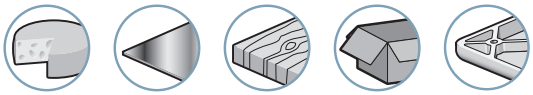
VSA
Ventose a 1.5 soffietti Ø da 5 a 78 mm

Le ventose a soffietto VSA combinano i vantaggi delle ventose piane con un movimento verticale più elevato, una maggiore elasticità e precisione. Permettono la presa di oggetti leggermente concavi o convessi.

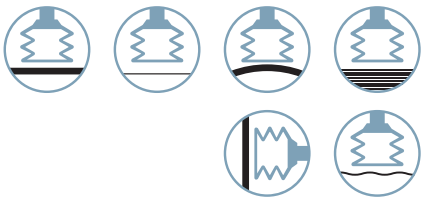
■ Flessibilità ■ Precisione ■ Corsa di collasso

Per le prese delicate che richiedono una elevata flessibilità di labbro (apertura di sacchetti, presa di confezioni flessibili in alluminio o plastica, ecc.), si raccomanda l'utilizzo del silicone bianco 35 Shore A, SIB, oppure, vedere pagina 3/7, serie MVS.

Settori di attività



Applicazioni tipiche



Materiali

NBR Nitrile
NR Caucciù naturale
STN SITON® 60 ShoreA
SIT5 Silicone Traslucido
SIB Silicone bianco 35 Shore A
STN5 SITON® 50 ShoreA (Su richiesta)

Caratteristiche delle ventose

	Ø (mm)	(cm³)	(N) (1)	(N) (1)	R_{min} (mm)	NBR	SIT5	SIB	NR	STN (2)
VSA 5	5.5	0.04	0.5	0.2	10	**VSA5NBR**	**VSA5SIT5**	-	-	**VSA5STN**
VSA 11	11	0.225	1.7	0.9	10	**VSA11NBR**	**VSA11SIT5**	-	**VSA11NR**	**VSA11STN**
VSA 14	13	0.42	2.5	1.3	13	**VSA14NBR**	**VSA14SIT5**	-	**VSA14NR**	**VSA14STN**
VSA 16	16	0.75	2.7	1.3	20	**VSA16NBR**	**VSA16SIT5**	**VSA16SIB**	**VSA16NR**	**VSA16STN**
VSA 18	18	0.76	4.4	2.2	25	**VSA18NBR**	**VSA18SIT5**	**VSA18SIB**	**VSA18NR**	**VSA18STN**
VSA 20	19	1.15	5.6	2.8	30	**VSA20NBR**	**VSA20SIT5**	**VSA20SIB**	**VSA20NR**	**VSA20STN**
VSA 22	22	1.4	6.1	3.1	25	**VSA22NBR**	**VSA22SIT5**	**VSA22SIB**	**VSA22NR**	**VSA22STN**
VSA 25	24	3.15	7.9	4.0	20	**VSA25NBR**	**VSA25SIT5**	**VSA25SIB**	**VSA25NR**	**VSA25STN**
VSA 26	25	3.9	10.8	5.4	30	**VSA26NBR**	**VSA26SIT5**	-	**VSA26NR**	**VSA26STN**
VSA 33	33	4.75	13.9	6.9	40	**VSA33NBR**	**VSA33SIT5**	-	**VSA33NR**	**VSA33STN**
VSA 43	43	9.25	20.2	10.1	60	**VSA43NBR**	**VSA43SIT5**	-	**VSA43NR**	**VSA43STN**
VSA 53	53	26.25	42.6	21.3	75	**VSA53NBR**	**VSA53SIT5**	-	**VSA53NR**	**VSA53STN**
VSA 63	63	39.0	59.2	29.6	75	**VSA63NBR**	**VSA63SIT5**	-	**VSA63NR**	**VSA63STN**
VSA 78	78	76.0	109.8	54.9	70	**VSA78NBR**	**VSA78SIT5**	-	**VSA78NR**	**VSA78STN**

(1) Forza pratica della ventosa con un vuoto pari al 65% ed un coefficiente di sicurezza 2 per manipolazione orizzontale e coefficiente 4 per manipolazione verticale.
(2) Su ruchiesta, alcuni modelli sono disponibili in materiale STN5 (SITON® 50 ShoreA)

Scelta degli inserti

(Ø)	Gruppo	M3-M	M5-M	M6-M	M8-M	M10-M	G1/8"-F	G1/8"-M	10/32-M	G1/4"-F	G1/4"-M	G3/8"-M	G1/2"-M
5	**1**	■	-	-	-	-	-	-	-	-	-	-	-
11…25	**1**	-	■	■	-	-	■	■	□	-	-	-	-
26…63	**2**	-	□	□	□	□	■	■	-	■	■	-	-
78	**3**	-	-	-	-	□	-	■	-	■	■	■	□

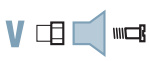
■ Configurazioni «ventosa+inserto» disponibili: vedere pagina 2/28 Fissaggio: M = maschio F = femmina
□ Soluzioni di montaggio aggiuntive: vedere pagina 2/31

Tipi di montaggio

Le ventose COVAL dispongono di una grande modularità di montaggio.

Versione C
Inserto a resca

Versione S
Inserto rivettato in fabbrica

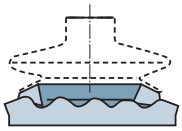


Versione V
Inserto smontabile (adattatore e vite scanalata)

Versione E
Inserto montato in fabbrica

Superfici irregolari

In caso di manipolazione di oggetti la cui superficie di presa è ruvida o irregolare, utilizzare le ventose VSA abbinate agli anelli in spugna espansa VSBM (vedere pagina 2/65).



Specificare codice es: VSA78NBRIM14C
rif.pag. 2/28

Accessori
Per ottimizzare l'utilizzo delle ventose, Coval propone una gamma completa di accessori (inserti con foro calibrato, compensatori di livello, prolunghe, serbatoi, ecc.), vedere capitoli **4** e **14**.

VSA

Ventose a 1.5 soffietti Ø da 5 a 78 mm

Riferimenti « ventosa + inserto »

Gruppo 1 — C

	FILETTATURA	M3-M	M5-M	M6-M	G1/8"-M	G1/8"-F
Ø 5 - 25 mm	VSA5NBR	VSA5NBRIMM3C	-	-	-	-
	VSA5SIT5	VSA5SIT5IMM3C	-	-	-	-
	VSA5STN	VSA5STNIMM3C	-	-	-	-
	VSA11NBR	-	VSA11NBRIMM5C	VSA11NBRIMM6C	VSA11NBRIM18C	VSA11NBRIF18C
	VSA11NR	-	VSA11NRIMM5C	VSA11NRIMM6C	VSA11NRIM18C	VSA11NRIF18C
	VSA11SIT5	-	VSA11SIT5IMM5C	VSA11SIT5IMM6C	VSA11SIT5IM18C	VSA11SIT5IF18C
	VSA11STN	-	VSA11STNIMM5C	VSA11STNIMM6C	VSA11STNIM18C	VSA11STNIF18C
	VSA14NBR	-	VSA14NBRIMM5C	VSA14NBRIMM6C	VSA14NBRIM18C	VSA14NBRIF18C
	VSA14NR	-	VSA14NRIMM5C	VSA14NRIMM6C	VSA14NRIM18C	VSA14NRIF18C
	VSA14SIT5	-	VSA14SIT5IMM5C	VSA14SIT5IMM6C	VSA14SIT5IM18C	VSA14SIT5IF18C
	VSA14STN	-	VSA14STNIMM5C	VSA14STNIMM6C	VSA14STNIM18C	VSA14STNIF18C
	VSA16NBR	-	VSA16NBRIMM5C	VSA16NBRIMM6C	VSA16NBRIM18C	VSA16NBRIF18C
	VSA16NR	-	VSA16NRIMM5C	VSA16NRIMM6C	VSA16NRIM18C	VSA16NRIF18C
	VSA16SIB	-	VSA16SIBIMM5C	VSA16SIBIMM6C	VSA16SIBIM18C	VSA16SIBIF18C
	VSA16SIT5	-	VSA16SIT5IMM5C	VSA16SIT5IMM6C	VSA16SIT5IM18C	VSA16SIT5IF18C
	VSA16STN	-	VSA16STNIMM5C	VSA16STNIMM6C	VSA16STNIM18C	VSA16STNIF18C
	VSA18NBR	-	VSA18NBRIMM5C	VSA18NBRIMM6C	VSA18NBRIM18C	VSA18NBRIF18C
	VSA18NR	-	VSA18NRIMM5C	VSA18NRIMM6C	VSA18NRIM18C	VSA18NRIF18C
	VSA18SIB	-	VSA18SIBIMM5C	VSA18SIBIMM6C	VSA18SIBIM18C	VSA18SIBIF18C
	VSA18SIT5	-	VSA18SIT5IMM5C	VSA18SIT5IMM6C	VSA18SIT5IM18C	VSA18SIT5IF18C
	VSA18STN	-	VSA18STNIMM5C	VSA18STNIMM6C	VSA18STNIM18C	VSA18STNIF18C
	VSA20NBR	-	VSA20NBRIMM5C	VSA20NBRIMM6C	VSA20NBRIM18C	VSA20NBRIF18C
	VSA20NR	-	VSA20NRIMM5C	VSA20NRIMM6C	VSA20NRIM18C	VSA20NRIF18C
	VSA20SIB	-	VSA20SIBIMM5C	VSA20SIBIMM6C	VSA20SIBIM18C	VSA20SIBIF18C
	VSA20SIT5	-	VSA20SIT5IMM5C	VSA20SIT5IMM6C	VSA20SIT5IM18C	VSA20SIT5IF18C
	VSA20STN	-	VSA20STNIMM5C	VSA20STNIMM6C	VSA20STNIM18C	VSA20STNIF18C
	VSA22NBR	-	VSA22NBRIMM5C	VSA22NBRIMM6C	VSA22NBRIM18C	VSA22NBRIF18C
	VSA22NR	-	VSA22NRIMM5C	VSA22NRIMM6C	VSA22NRIM18C	VSA22NRIF18C
	VSA22SIB	-	VSA22SIBIMM5C	VSA22SIBIMM6C	VSA22SIBIM18C	VSA22SIBIF18C
	VSA22SIT5	-	VSA22SIT5IMM5C	VSA22SIT5IMM6C	VSA22SIT5IM18C	VSA22SIT5IF18C
	VSA22STN	-	VSA22STNIMM5C	VSA22STNIMM6C	VSA22STNIM18C	VSA22STNIF18C
	VSA25NBR	-	VSA25NBRIMM5C	VSA25NBRIMM6C	VSA25NBRIM18C	VSA25NBRIF18C
	VSA25NR	-	VSA25NRIMM5C	VSA25NRIMM6C	VSA25NRIM18C	VSA25NRIF18C
	VSA25SIB	-	VSA25SIBIMM5C	VSA25SIBIMM6C	VSA25SIBIM18C	VSA25SIBIF18C
	VSA25SIT5	-	VSA25SIT5IMM5C	VSA25SIT5IMM6C	VSA25SIT5IM18C	VSA25SIT5IF18C
	VSA25STN	-	VSA25STNIMM5C	VSA25STNIMM6C	VSA25STNIM18C	VSA25STNIF18C

Sono disponibili soluzioni di montaggio aggiuntive (vedere pagina 2/31).
Le configurazioni «ventosa + inserto» sono consegnate smontate.

Gruppo 2 — C / E / V

	FILETTATURA	C G1/4"-M	C G1/4"-F	E G1/4"-M	E G1/4"-F	V G1/8"-M	V G1/8"-F	V G1/4"-M	V G1/4"-F
Ø 26 - 63 mm	VSA26NBR	VSA26NBRIM14C	VSA26NBRIF14C	VSA26NBRIM14	VSA26NBRIF14	VSA26NBRIM18V	VSA26NBRIF18V	VSA26NBRIM14V	VSA26NBRIF14V
	VSA26NR	VSA26NRIM14C	VSA26NRIF14C	VSA26NRIM14	VSA26NRIF14	VSA26NRIM18V	VSA26NRIF18V	VSA26NRIM14V	VSA26NRIF14V
	VSA26SIT5	VSA26SIT5IM14C	VSA26SIT5IF14C	VSA26SIT5IM14	VSA26SIT5IF14	VSA26SIT5IM18V	VSA26SIT5IF18V	VSA26SIT5IM14V	VSA26SIT5IF14V
	VSA26STN	VSA26STNIM14C	VSA26STNIF14C	VSA26STNIM14	VSA26STNIF14	VSA26STNIM18V	VSA26STNIF18V	VSA26STNIM14V	VSA26STNIF14V
	VSA33NBR	VSA33NBRIM14C	VSA33NBRIF14C	VSA33NBRIM14	VSA33NBRIF14	VSA33NBRIM18V	VSA33NBRIF18V	VSA33NBRIM14V	VSA33NBRIF14V
	VSA33NR	VSA33NRIM14C	VSA33NRIF14C	VSA33NRIM14	VSA33NRIF14	VSA33NRIM18V	VSA33NRIF18V	VSA33NRIM14V	VSA33NRIF14V
	VSA33SIT5	VSA33SIT5IM14C	VSA33SIT5IF14C	VSA33SIT5IM14	VSA33SIT5IF14	VSA33SIT5IM18V	VSA33SIT5IF18V	VSA33SIT5IM14V	VSA33SIT5IF14V
	VSA33STN	VSA33STNIM14C	VSA33STNIF14C	VSA33STNIM14	VSA33STNIF14	VSA33STNIM18V	VSA33STNIF18V	VSA33STNIM14V	VSA33STNIF14V
	VSA43NBR	VSA43NBRIM14C	VSA43NBRIF14C	VSA43NBRIM14	VSA43NBRIF14	VSA43NBRIM18V	VSA43NBRIF18V	VSA43NBRIM14V	VSA43NBRIF14V
	VSA43NR	VSA43NRIM14C	VSA43NRIF14C	VSA43NRIM14	VSA43NRIF14	VSA43NRIM18V	VSA43NRIF18V	VSA43NRIM14V	VSA43NRIF14V
	VSA43SIT5	VSA43SIT5IM14C	VSA43SIT5IF14C	VSA43SIT5IM14	VSA43SIT5IF14	VSA43SIT5IM18V	VSA43SIT5IF18V	VSA43SIT5IM14V	VSA43SIT5IF14V
	VSA43STN	VSA43STNIM14C	VSA43STNIF14C	VSA43STNIM14	VSA43STNIF14	VSA43STNIM18V	VSA43STNIF18V	VSA43STNIM14V	VSA43STNIF14V
	VSA53NBR	VSA53NBRIM14C	VSA53NBRIF14C	VSA53NBRIM14	VSA53NBRIF14	VSA53NBRIM18V	VSA53NBRIF18V	VSA53NBRIM14V	VSA53NBRIF14V
	VSA53NR	VSA53NRIM14C	VSA53NRIF14C	VSA53NRIM14	VSA53NRIF14	VSA53NRIM18V	VSA53NRIF18V	VSA53NRIM14V	VSA53NRIF14V
	VSA53SIT5	VSA53SIT5IM14C	VSA53SIT5IF14C	VSA53SIT5IM14	VSA53SIT5IF14	VSA53SIT5IM18V	VSA53SIT5IF18V	VSA53SIT5IM14V	VSA53SIT5IF14V
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	VSA63NR	VSA63NRIM14C	VSA63NRIF14C	VSA63NRIM14	VSA63NRIF14	VSA63NRIM18V	VSA63NRIF18V	VSA63NRIM14V	VSA63NRIF14V
	VSA63SIT	VSA63SITIM14C	VSA63SITIF14C	VSA63SITIM14	VSA63SITIF14	VSA63SITIM18V	VSA63SITIF18V	VSA63SITIM14V	VSA63SITIF14V
	VSA63STN	VSA63STNIM14C	VSA63STNIF14C	VSA63STNIM14	VSA63STNIF14	VSA63STNIM18V	VSA63STNIF18V	VSA63STNIM14V	VSA63STNIF14V

Gruppo 3 — V / S

	FILETTATURA	V G1/8"-M	V G1/4"-M	V G1/4"-F	S G1/4"-M	S G1/4"-F	S G3/8"-M
Ø 78 mm	VSA78NBR	VSA78NBRIM18V	VSA78NBRIM14V	VSA78NBRIF14V	VSA78NBRIM14	VSA78NBRIF14	VSA78NBRIM38
	VSA78NR	VSA78NRIM18V	VSA78NRIM14V	VSA78NRIF14V	VSA78NRIM14	VSA78NRIF14	VSA78NRIM38
	VSA78SIT5	VSA78SIT5IM18V	VSA78SIT5IM14V	VSA78SIT5IF14V	VSA78SIT5IM14	VSA78SIT5IF14	VSA78SIT5IM38
	VSA78STN	VSA78STNIM18V	VSA78STNIM14V	VSA78STNIF14V	VSA78STNIM14	VSA78STNIF14	VSA78STNIM38

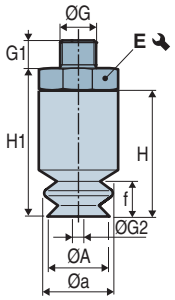
VSA

Ventose a 1.5 soffietti Ø da 5 a 78 mm

Dimensioni « ventosa + inserto »

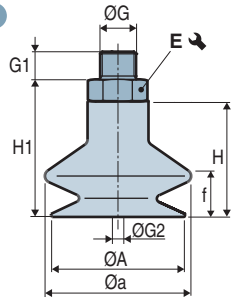
VSA 5 | Gruppo 1

1

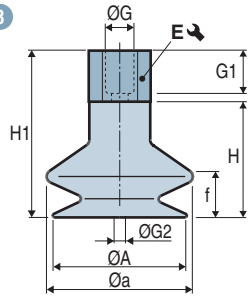


VSA 11 - 25 | Gruppo 1

2

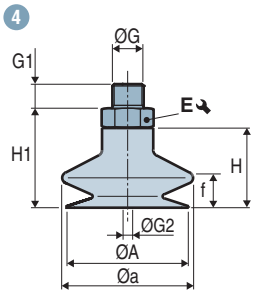


3

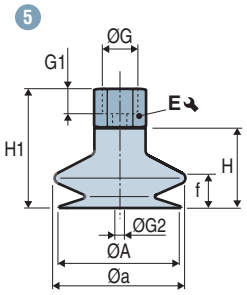


VSA 26 - 43 | Gruppo 2

4

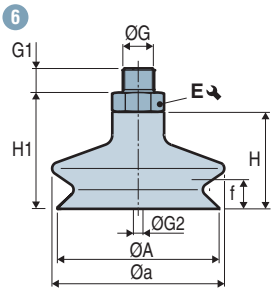


5

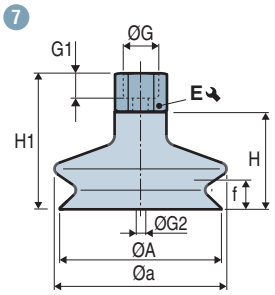


VSA 53 - 63 Gruppo 2 / VSA 78 Gruppo 3

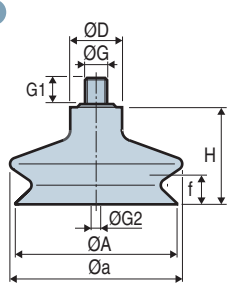
6



7



8



Gruppo 1	Schema	ØA	Øa	ØD	f (1)	H	H1	ØG	G1	ØG2 (2)	E	(g)
Ø 5 - 25 mm												
VSA5---IMM3C	1	5.5	6	-	2	11	13	M3-M	3	1.4	5	0.7
VSA11---IMM5C	2	11	12.2	-	5.5	16	21	M5-M	4.5	2.5	7	4
VSA11---IMM6C	2	11	12.2	-	5.5	16	21	M6-M	5	3.5	7	3.6
VSA11---IM18C	2	11	12.2	-	5.5	16	22	G1/8"-M	7.5	3.5	14	5
VSA11---IF18C	3	11	12.2	-	5.5	16	28	G1/8"-F	8	3.5	14	4.9
VSA14---IMM5C	2	13	14	-	5	16	21	M5-M	4.5	2.5	7	4.2
VSA14---IMM6C	2	13	14	-	5	16	21	M6-M	5	3.5	7	3.8
VSA14---IM18C	2	13	14	-	5	16	22	G1/8"-M	7.5	3.5	14	5.2
VSA14---IF18C	3	13	14	-	5	16	28	G1/8"-F	8	3.5	14	5.1
VSA16---IMM5C	2	16	17.3	-	8.5	19	24	M5-M	4.5	2.5	7	4.4
VSA16---IMM6C	2	16	17.3	-	8.5	19	24	M6-M	5	3.5	7	4
VSA16---IM18C	2	16	17.3	-	8.5	19	25	G1/8"-M	7.5	3.5	14	5.4
VSA16---IF18C	3	16	17.3	-	8.5	19	31	G1/8"-F	8	3.5	14	5.3
VSA18---IMM5C	2	18	18	-	5	16.5	21.5	M5-M	4.5	2.5	7	4.6
VSA18---IMM6C	2	18	18	-	5	16.5	21.5	M6-M	5	3.5	7	4.2
VSA18---IM18C	2	18	18	-	5	16.5	22.5	G1/8"-M	7.5	3.5	14	5.6
VSA18---IF18C	3	18	18	-	5	16.5	28.5	G1/8"-F	8	3.5	14	5.5
VSA20---IMM5C	2	19	20	-	5	16	21	M5-M	4.5	2.5	7	4.8
VSA20---IMM6C	2	19	20	-	5	16	21	M6-M	5	3.5	7	5.8
VSA20---IM18C	2	19	20	-	5	16	22	G1/8"-M	7.5	3.5	14	5.8
VSA20---IF18C	3	19	20	-	5	16	28	G1/8"-F	8	3.5	14	5.7
VSA22---IMM5C	2	22	24	-	8	19	24	M5-M	4.5	2.5	7	5.2
VSA22---IMM6C	2	22	24	-	8	19	24	M6-M	5	3.5	7	4.8
VSA22---IM18C	2	22	24	-	8	19	25	G1/8"-M	7.5	3.5	14	6.2
VSA22---IF18C	3	22	24	-	8	19	31	G1/8"-F	8	3.5	14	6.1
VSA25---IMM5C	2	24	25	-	12	23	28	M5-M	4.5	2.5	7	6
VSA25---IMM6C	2	24	25	-	12	23	28	M6-M	5	3.5	7	5.8
VSA25---IM18C	2	24	25	-	12	23	29	G1/8"-M	7.5	3.5	14	7
VSA25---IF18C	3	24	25	-	12	23	35	G1/8"-F	8	3.5	14	6.9

Nota: tutte le dimensioni sono indicate in mm (1) f = Corsa di collasso della ventosa (2) Ø G2 = Ø interno dell'inserto.

VSA

Ventose a 1.5 soffietti Ø da 5 a 78 mm

Dimensioni « ventosa + inserto »

Gruppo 2		Schema	ØA	Øa	ØD	f [1]	H	H1	ØG	G1	ØG2 [2]	E	(g)
Ø 26 - 63 mm	VSA26---IM18V	4	25	30	-	6	25	29.5	G1/8"-M	6	3.5	13	18.7
	VSA26---IF18V	5	25	30	-	6	25	38	G1/8"-F	7.5	3.5	13	22
	VSA26---IM14	4	25	30	-	6	25	29	G1/4"-M	11	4.4	17	12.4
	VSA26---IM14C	4	25	30	-	6	25	33	G1/4"-M	10	7	17	13.3
	VSA26---IM14V	4	25	30	-	6	25	30	G1/4"-M	8	3.5	17	28
	VSA26---IF14	5	25	30	-	6	25	40	G1/4"-F	10	4.4	17	13
	VSA26---IF14C	5	25	30	-	6	25	40	G1/4"-F	12	6.9	17	12.6
	VSA26---IF14V	5	25	30	-	6	25	41	G1/4"-F	11	3.5	17	32.6
	VSA33---IM18V	4	33	36.2	-	11	27.5	32	G1/8"-M	6	3.5	13	21.1
	VSA33---IF18V	5	33	36.2	-	11	27.5	40.5	G1/8"-F	7.5	3.5	13	24.4
	VSA33---IM14	4	33	36.2	-	11	27.5	31.5	G1/4"-M	11	4.4	17	14.8
	VSA33---IM14C	4	33	36.2	-	11	27.5	35.5	G1/4"-M	10	7	17	15.7
	VSA33---IM14V	4	33	36.2	-	11	27.5	32.5	G1/4"-M	8	3.5	17	30.4
	VSA33---IF14	5	33	36.2	-	11	27.5	42.5	G1/4"-F	10	4.4	17	15.4
	VSA33---IF14C	5	33	36.2	-	11	27.5	42.5	G1/4"-F	12	6.9	17	15
	VSA33---IF14V	5	33	36.2	-	11	27.5	43.5	G1/4"-F	11	3.5	17	35
	VSA43---IM18V	4	43	46	-	12.5	28	32.5	G1/8"-M	6	3.5	13	25.9
	VSA43---IF18V	5	43	46	-	12.5	28	41	G1/8"-F	7.5	3.5	13	29.2
	VSA43---IM14	4	43	46	-	12.5	28	32	G1/4"-M	11	4.4	17	19.6
	VSA43---IM14C	4	43	46	-	12.5	28	36	G1/4"-M	10	7	17	20.5
	VSA43---IM14V	4	43	46	-	12.5	28	33	G1/4"-M	8	3.5	17	35.2
	VSA43---IF14	5	43	46	-	12.5	28	43	G1/4"-F	10	4.4	17	20.2
	VSA43---IF14C	5	43	46	-	12.5	28	43	G1/4"-F	12	6.9	17	19.8
	VSA43---IF14V	5	43	46	-	12.5	28	44	G1/4"-F	11	3.5	17	39.8
	VSA53---IM18V	6	53	59	-	15	34	38.5	G1/8"-M	6	3.5	13	35
	VSA53---IF18V	7	53	59	-	15	34	47	G1/8"-F	7.5	3.5	13	38.3
	VSA53---IM14	6	53	59	-	15	34	38	G1/4"-M	11	4.4	17	28.7
	VSA53---IM14C	6	53	59	-	15	34	42	G1/4"-M	10	7	17	29.6
	VSA53---IM14V	6	53	59	-	15	34	39	G1/4"-M	8	3.5	17	44.3
	VSA53---IF14	7	53	59	-	15	34	49	G1/4"-F	10	4.4	17	29.3
	VSA53---IF14C	7	53	59	-	15	34	49	G1/4"-F	12	6.9	17	28.9
	VSA53---IF14V	7	53	59	-	15	34	50	G1/4"-F	11	3.5	17	48.9
	VSA63---IM18V	6	63	67	-	15	34	38.5	G1/8"-M	6	3.5	13	39.1
	VSA63---IF18V	7	63	67	-	15	34	47	G1/8"-F	7.5	3.5	13	42.4
	VSA63---IM14	6	63	67	-	15	34	38	G1/4"-M	11	4.4	17	32.8
	VSA63---IM14C	6	63	67	-	15	34	42	G1/4"-M	10	7	17	33.7
	VSA63---IM14V	6	63	67	-	15	34	39	G1/4"-M	8	3.5	17	48.4
	VSA63---IF14	7	63	67	-	15	34	49	G1/4"-F	10	4.4	17	33.4
	VSA63---IF14C	7	63	67	-	15	34	49	G1/4"-F	12	6.9	17	33
	VSA63---IF14V	7	63	67	-	15	34	50	G1/4"-F	11	3.5	17	53
Gruppo 3													
Ø 78 mm	VSA78---IM18V	8	78	83	25	14	46.8	-	G1/8"-M	8	6	-	85.4
	VSA78---IM14	6	78	83	-	14	46.8	52.8	G1/4"-M	11	8	21	70.2
	VSA78---IM14V	6	78	83	-	14	46.8	51.8	G1/4"-M	8	6	17	92.7
	VSA78---IF14	7	78	83	-	14	46.8	61.8	G1/4"-F	10	8	21	74.1
	VSA78---IF14V	7	78	83	-	14	46.8	65.8	G1/4"-F	9	6	17	102.3
	VSA78---IM38	6	78	83	-	14	46.8	52.8	G3/8"-M	11	8	21	72.4

Nota: tutte le dimensioni sono indicate in mm

(1) f = Corsa di collasso della ventosa

(2) Ø G2 = Ø interno dell'inserto.

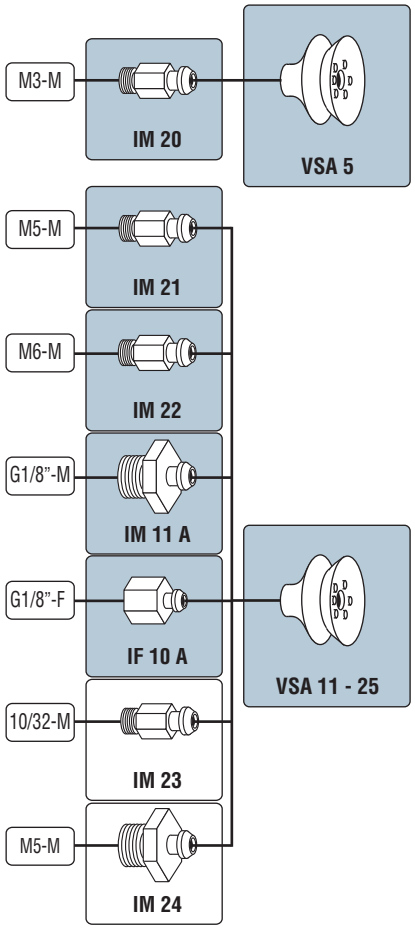
VSA

Ventose a 1.5 soffietti Ø da 5 a 78 mm

Schemi di montaggio

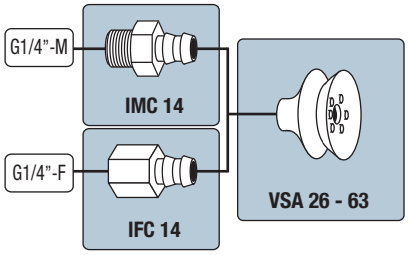
VSA 5 - 25 | Gruppo 1

Raccordi a resca C

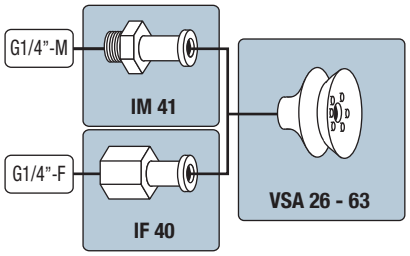


VSA 26 - 63 | Gruppo 2

Raccordi a resca C

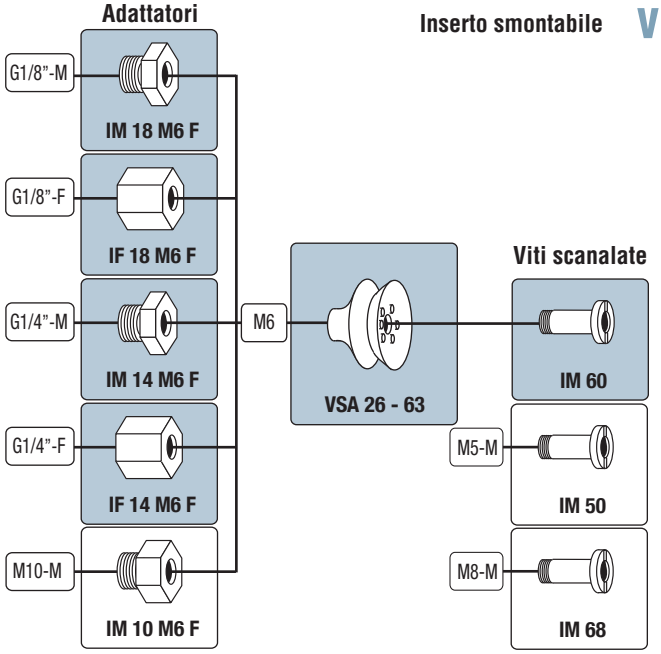


Inserto montato E



Inserto smontabile V

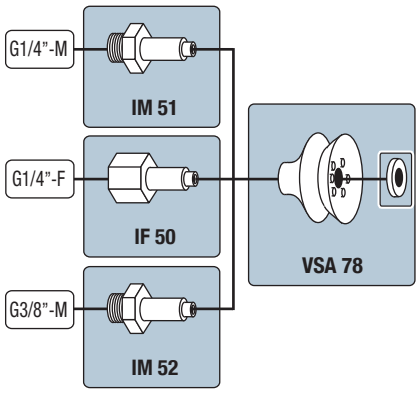
Adattatori



Viti scanalate

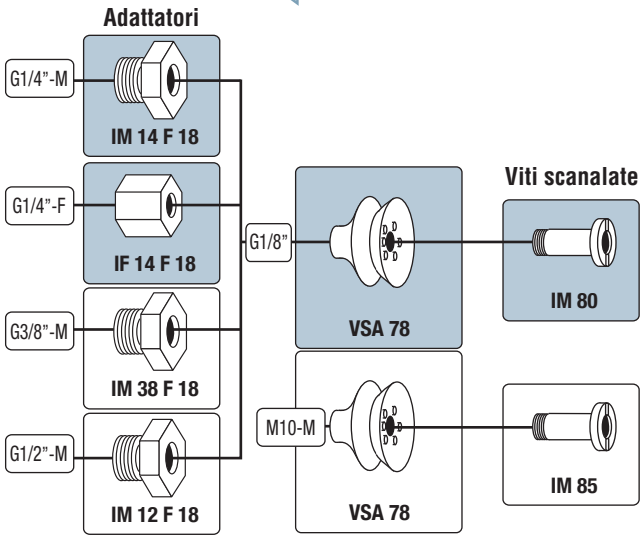
VSA 78 | Gruppo 3

Inserto rivettato in fabbrica S



Inserto smontabile V

Adattatori



Viti scanalate

Configurazioni «ventosa + inserto» rif. Pag. 2/28

Configurazioni non standard devono essere ordinate con codici separati

Dimensioni d'ingombro degli inserti e ventosa: vedere pagina 2/32.

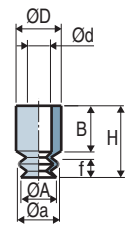
VSA

Ventose a 1.5 soffietti Ø da 5 a 78 mm

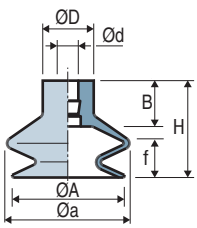
Dimensioni

Ventose

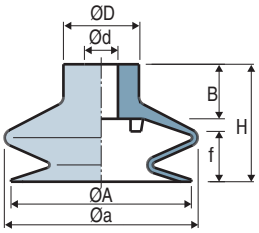
VSA 5



VSA 11 - 25



VSA 26 - 78

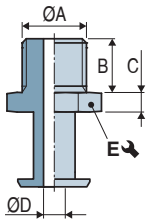


	Ø A	H	Ø a	Ø d	Ø D	f (1)	B	(g)
VSA 5	5.5	11	6	4	7	2	7	0.3
VSA 11	11	16	12.2	4	10	5.5	9	0.9
VSA 14	13	16	14	4	10	5	9	1.1
VSA 16	16	19	17.3	4	10	8.5	9	1.3
VSA 18	18	16.5	18	4	10	5	9	1.5
VSA 20	19	16	20	4	10	5	9	1.7
VSA 22	22	19	24	4	10	8	9	2.1
VSA 25	24	23	25	4	10	12	9	2.9
VSA 26	25	25	30	8	16	6	13	4.6
VSA 33	33	27.5	36.2	8	18	11	13	7
VSA 43	43	28	46	8	18	12.5	13	11.8
VSA 53	53	34	59	8	18	15	13	20.9
VSA 63	63	34	67	8	18	15	13	25
VSA 78	78	46.8	83	12	25	14	20	58.4

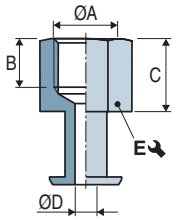
(1) f = Corsa di collasso della ventosa

Inserto montato in fabbrica

Maschio - IM



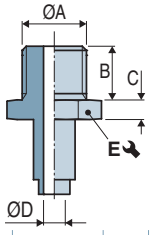
Femmina - IF



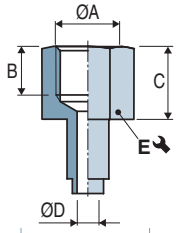
	ØA	B	C	ØD	E	Materiale	(g)
IM41	G1/4"-M	11	4	4.4	17	Alluminio	7.8
IF40	G1/4"-F	10	15	4.4	17	Alluminio	8.4

Inserto rivettato in fabbrica

Maschio - IM

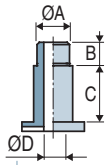


Femmina - IF

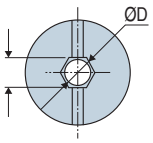


	ØA	B	C	ØD	E	Materiale	(g)
IM 51	G1/4"-M	11	6	4.4	17	Alluminio	11.8
IF 50	G1/4"-F	10	15	8	21	Alluminio	15.7
IM 52	G3/8"-M	11	6	8	21	Alluminio	14

Viti scanalate



IM60: ⬢4
IM80: ⬢6

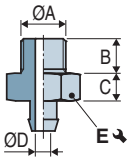


	ØA	B	C	ØD	Materiale	(g)
IM 50	M5-M	5	11	2.8	Ottone	7.4
IM 60 (2) (3)	M6-M	7	11	3.5	Ottone nichelato	7.5
IM 68	M8-M	8	11	5.2	Ottone nichelato	6.4
IM 80	G1/8"-M	8	18	6	Ottone nichelato	23.7
IM 85	M10x150-M	8	18	6	Ottone nichelato	23.5

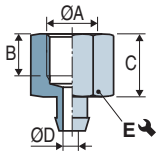
I valori sono indicativi delle caratteristiche medie dei prodotti COVAL.
(2) Possibilità di inserire un ugello di diametro calibrato per ridurre le perdite in caso di utilizzo sistema a più ventose (vedere pagina 4/10)
(3) Disponibile in acciaio inossidabile

Inserto a resca

Maschio - IM



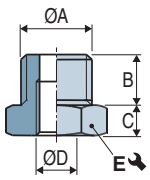
Femmina - IF



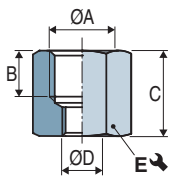
	ØA	B	C	ØD	E	Materiale	(g)
IM 11 A	G1/8"-M	7.5	6	3.5	14	Alluminio	4.1
IMC 14	G1/4"-M	10	8	7	17	Alluminio	8.7
IM20	M3-M	3	2	1.4	5	Alluminio	0.4
IM 21 (2)	M5-M	4.5	5	2.5	7	Ottone nichelato	3.1
IM 22 (2)	M6-M	5	5	3.5	7	Ottone nichelato	2.7
IM 23	10/32-M	4.5	5	2.5	7	Ottone	3
IM 24	M5-M	4.5	2.5	2.5	10	Ottone nichelato	3.2
IF 10 A	G1/8"-F	8	12	3.5	14	Alluminio	4
IFC 14	G1/4"-F	12	15	6.9	17	Alluminio	8

Adattatori per viti scanalate

Maschio - IM



Femmina - IF



	ØA	B	C	ØD	E	Materiale	(g)
IM 10 M6F	M10-M	7	3.5	M6-F	13	Ottone	5.9
IM 12 F18	G1/2"-M	14	6	M6-F	22	Ottone nichelato	46.5
IM 14 M6F	G1/4"-M	8	5	M6-F	17	Ottone nichelato	15.9
IM 14 F18	G1/4"-M	8	5	G1/8"-F	17	Ottone nichelato	10.6
IM 18 M6F	G1/8"-M	6	4.5	M6-F	13	Ottone nichelato	6.6
IM 38 F18	G3/8"-M	9	5	G1/8"-F	19	Ottone nichelato	18.8
IF 14 M6F	G1/4"-F	11	16	M6-F	17	Ottone nichelato	20.5
IF 18 M6F	G1/8"-F	7.5	13	M6-F	13	Ottone nichelato	9.9
IF 14 F18	G1/4"-F	9	19	G1/8"-F	17	Ottone nichelato	20.2

Nota: tutte le dimensioni sono indicate in mm