Ventose 1,5 soffietti

Stock New

DCA

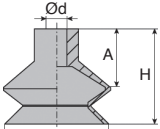
Per superfici irregolari

- ***Ventose per presa***
- ***Materiale:***
  Nitrile **(NBR)** *colore nero*
  Silicone **(SI)** *transparente*
  Gomma naturale **(NR)** *colore grigio*

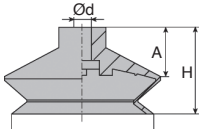


Applicazione

- *Per presa di pezzi a superficie irregolare*



da DCA05 a DCA16



da DCA20 a DCA43

SCONTI PER QUANTITÀ

Qtà	1+	50+	100+	150+	200+
Sc.	Prezzo	-5%	-10%	-15%	Su richiesta

Codice	ØD	H	Ød	A	Inserto corrispondente	Stock*	Prezzo unit. da 1 a 49
Nitrile							
DCA05-NBR	5,5	11,1	4	8,0	TM5M5	✔	6,87 €
DCA11-NBR	11,0	16,0	4	10,5	CTM10M5	✔	5,95 €
DCA14-NBR	13,0	15,8	4	11,0		-	6,19 €
DCA16-NBR	16,0	19,0	4	10,5		-	Su richiesta
DCA20-NBR	19,0	15,8	4	10,5		✔	6,50 €
DCA22-NBR	22,0	19,5	4	11,0		-	6,76 €
DCA25-NBR	24,0	23,0	4	16,5		-	7,38 €
DCA33-NBR	33,0	28,0	8	16,5	SCR30M6	-	7,44 €
DCA43-NBR	43,0	28,0	8	15,5		✔	8,04 €
Silicone							
DCA05-SI	5,5	11,1	4	8,0	TM5M5	-	11,90 €
DCA11-SI	11,0	16,0	4	10,5	CTM10M5	✔	7,37 €
DCA14-SI	13,0	15,8	4	11,0		-	7,95 €
DCA16-SI	16,0	19,0	4	10,5		✔	7,95 €
DCA20-SI	19,0	15,8	4	10,5		✔	7,95 €
DCA22-SI	22,0	19,5	4	11,0		✔	7,95 €
DCA25-SI	24,0	23,0	4	16,5		✔	8,22 €
DCA33-SI	33,0	28,0	8	16,5	SCR30M6	✔	9,12 €
DCA43-SI	43,0	28,0	8	15,5		✔	9,23 €
Gomma naturale							
DCA11-NR	11,0	16,0	4	10,5	CTM10M5	-	5,95 €
DCA14-NR	13,0	15,8	4	11,0		-	6,19 €
DCA16-NR	16,0	19,0	4	10,5		-	8,88 €
DCA20-NR	19,0	15,8	4	10,5		✔	8,48 €
DCA22-NR	22,0	19,5	4	11,0		-	12,38 €
DCA25-NR	24,0	23,0	4	16,5		-	6,76 €
DCA33-NR	33,0	28,0	8	16,5	SCR30M6	-	9,46 €
DCA43-NR	43,0	28,0	8	15,5		✔	8,40 €

**Nei limiti delle disponibilità - Dimensioni in mm*

Ventose 2,5 soffietti

Per superfici irregolari e cilindriche

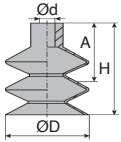
DCG

- ***Ventose per presa***
- ***Materiale:***
  Nitrile **(NBR)** *colore nero*
  Silicone **(SI)** *transparente*
  Gomma naturale **(NR)** *colore grigio*

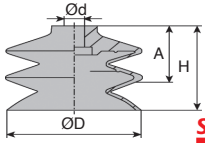


Applicazione

- *Per presa di pezzi a superficie irregolare*
- *I soffietti permettono una presa più flessibile, più rapida. Inoltre compensano le differenze d'altezza*



da DCG07C a DCG25



da DCG30 a DCG60

NUOVO !

SCONTI PER QUANTITÀ

Qtà	1+	50+	100+	150+	200+
Sc.	Prezzo	-5%	-10%	-15%	Su richiesta

Codice	ØD	H	Ød	A	Inserto corrispondente	Stock*	Prezzo unit. da 1 a 49
Nitrile							
DCG07C-NBR	7,0	14,2	4,0	10,0		-	6,22 €
DCG10-NBR	9,0	15,0	5,0	12,0		✔	5,63 €
DCG15-NBR	15,2	22,0	5,0	12,0	CTM10M5	✔	6,50 €
DCG18-NBR	17,5	23,0	5,0	13,0		-	6,76 €
DCG20-NBR	20,0	23,0	5,0	13,0		-	6,76 €
DCG25-NBR	25,0	33,0	4,5	19,34		-	6,76 €
DCG30-NBR	32,0	37,5	8,0	23,0		-	7,37 €
DCG40-NBR	42,0	46,0	8,0	24,0	SCR30M6	-	8,61 €
DCG60-NBR	62,0	55,0	8,0	28,0		-	11,64 €
Silicone							
DCG07C-SI	7,0	14,2	4,0	10,0		-	7,95 €
DCG10-SI	9,0	15,0	5,0	12,0		✔	7,03 €
DCG15-SI	15,2	22,0	5,0	12,0		✔	7,95 €
DCG18-SI	17,5	23,0	5,0	12,0	CTM10M5	✔	7,95 €
DCG20-SI	20,0	23,0	5,0	13,0		✔	8,22 €
DCG25-SI	25,0	33,0	4,5	19,34		✔	8,22 €
DCG30-SI	32,0	37,5	8,0	23,0		✔	12,19 €
DCG40-SI	42,0	46,0	8,0	24,0	SCR30M6	✔	12,07 €
DCG60-SI	62,0	55,0	8,0	28,0		✔	13,90 €
Gomma naturale							
DCG07C-NR	7,0	14,2	4,0	10,0		-	7,72 €
DCG10-NR	9,0	15,0	5,0	12,0		-	11,35 €
DCG15-NR	15,2	22,0	5,0	12,0		-	6,50 €
DCG18-NR	17,5	23,0	5,0	12,0	CTM10M5	-	6,76 €
DCG20-NR	20,0	23,0	5,0	13,0		-	11,75 €
DCG25-NR	25,0	33,0	4,5	19,34		-	14,13 €
DCG30-NR	32,0	37,5	8,0	23,0		-	7,37 €
DCG40-NR	42,0	46,0	8,0	24,0	SCR30M6	-	15,53 €
DCG60-NR	62,0	55,0	8,0	28,0		✔	17,41 €

**Nei limiti delle disponibilità - Dimensioni in mm*

Ventosa piatta

DFG

Per superfici piane

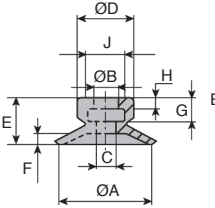
- ***Ventose per presa***
- ***Materiali:***
  Nitrile **(NBR)** *colore nero*
  Silicone **(SI)** *transparente*



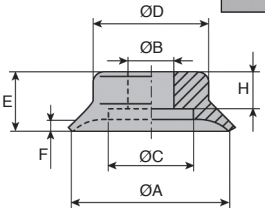
NUOVO !

Applicazione

- *Ideale per prese di precisione del carico*
- *Da utilizzare solo su superfici piane*



da DFG05A a DFG15A



da DFG20 a DFG50

SCONTI PER QUANTITÀ

Qtà	1+	50+	100+	150+	200+
Sc.	Prezzo	-5%	-10%	-15%	Su richiesta

Codice	ØA	ØB	ØC	ØD	E	F	G	H	J	Inserto corrispondente	Stock*	Prezzo unit. da 1 a 49
Nitrile												
DFG05A-NBR	5,0	4,0	1,4	7,5	6,5	0,8	4	2,0	6	TM5M5	-	5,50 €
DFG06A-NBR	6,0	4,0	2,0	7,5	6,5	0,8	4	2,0	6		-	5,79 €
DFG08A-NBR	8,0	4,0	2,0	8,0	7,0	1,2	4	2,0	6		-	5,79 €
DFG10A-NBR	10,0	4,0	2,0	8,5	7,5	1,5	4	2,0	6		-	5,98 €
DFG15-NBR	15,0	4,0	2,0	9,0	8,0	2,0	4	2,0	6	SCR15M5	-	6,60 €
DFG20-NBR	20,0	6,0	11,0	15,0	12,5	2,3	-	7,0	-	SCR20M5	✔	4,42 €
DFG25-NBR	25,0	6,0	11,0	16,0	14,0	3,0	-	7,0	-	SCR20BM6	-	4,06 €
DFG30-NBR	30,0	6,0	11,0	14,0	12,0	2,0	-	7,0	-		✔	4,24 €
DFG40-NBR	40,0	6,0	11,0	21,0	14,0	4,0	-	7,0	-		✔	6,65 €
DFG50-NBR	50,0	8,0	20,0	27,0	15,0	3,5	-	7,0	-	SCR50M6	-	8,82 €
Silicone												
DFG05A-SI	5,0	4,0	1,4	7,5	6,5	0,8	4	2,0	6	TM5M5	-	4,30 €
DFG06A-SI	6,0	4,0	2,0	7,5	6,5	0,8	4	2,0	6		-	7,37 €
DFG08A-SI	8,0	4,0	2,0	8,0	7,0	1,2	4	2,0	6		-	6,14 €
DFG10A-SI	10,0	4,0	2,0	8,5	7,5	1,5	4	2,0	6		✔	4,87 €
DFG15-SI	15,0	4,0	2,0	9,0	8,0	2,0	4	2,0	6	SCR15M5	✔	5,81 €
DFG20-SI	20,0	6,0	11,0	15,0	12,5	2,3	-	7,0	-	SCR20M5	✔	5,63 €
DFG25-SI	25,0	6,0	11,0	16,0	14,0	3,0	-	7,0	-	SCR20BM6	-	5,21 €
DFG30-SI	30,0	6,0	11,0	14,0	12,0	2,0	-	7,0	-		✔	7,12 €
DFG40-SI	40,0	6,0	11,0	24,0	14,0	4,0	-	7,0	-		-	7,70 €
DFG50-SI	50,0	8,0	20,0	27,0	15,0	3,5	-	7,0	-	SCR50M6	-	13,03 €

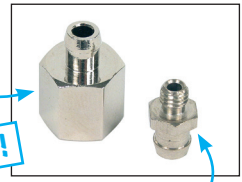
**Nei limiti delle disponibilità - Dimensioni in mm*

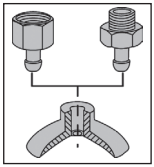
Suction cup threaded insert

Snap-on

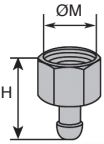
TM
CTM
CTF

- ***Threaded insert for suction cup***
- *Material: nickel brass*

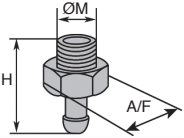




Assembly diagram



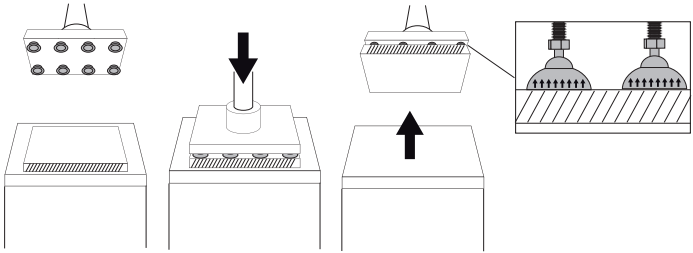
Female



Male



Typical assembly



DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc.	List	-5%	-10%	-15%	On request

Part number	ØM	H	A/F	type	For suction cup	Stock*	Price each 1 to 49
TM5M5	M5	12,0	8	male	DFG05A, DFG06A, DFG08A, DFG10A, DCA05	✔	2,50 €
CTM10M5	M5	13,5	13	male	DCA11, DCA14, DCA16, DCA22, DCA25,	✔	2,64 €
CTM10G18	1/8»	19,5	13	male	DCG05C, DCG07C, DCG10, DCG12, DCG15,	✔	3,51 €
CTF10G18	1/8»	18,5	13	femelle	DCG18, DCG20, DCG25	✔	3,24 €

**Depending on availability - Dimensions in mm*

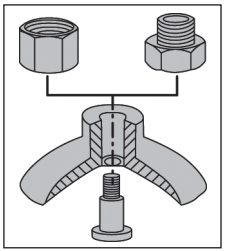
Suction cup threaded insert

Stock*

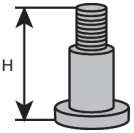
SCR ADAG

Socket screw

- Material: nickel brass



Assembly diagram

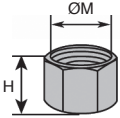




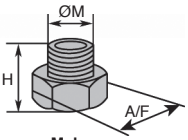
Socket screw insert



Adaptor



Female



Male

Insert socket head

DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc.	List	-5%	-10%	-15%	On request

Part number	Ø	H	For suction cup	For adaptor	Stock*	Price each 1 to 49
SCR15M5	M5	9	DFG15	ADAG18M5F	✔	4,06 €
SCR20M5	M5	11	DFG20	ADAG18F5F	✔	4,80 €
SCR30M6	M6	19	DCA33, DCA43, DCG30, DCG40, DCG60	ADAG18F6F, ADAG18M6F	✔	2,70 €
SCR20BM6	M6	14	DFG25, DFG30, DFG40	ADAG14F6F	✔	4,80 €
SCR50M6	M6	17	DFG50	ADAG14M6F	✔	6,73 €

Adaptor

DISCOUNTS

Qty	1+	50+	100+	150+	200+
Disc.	List	-5%	-10%	-15%	On request

Part number	ØM	H	A/F	Type	For socket screw insert	Stock*	Price each 1 to 49
ADAG18F6F	1/8»	14,0	13	female	SCR30M6, SCR20BM6, SCR50M6	-	3,24 €
ADAG14F6F	1/4»	17,5	17	female		-	4,24 €
ADAG18M6F	1/8»	13,0	13	male		✔	3,24 €
ADAG14M6F	1/4»	15,0	17	male		✔	3,24 €
ADAG18M5F	1/8»	13,0	13	male	SCR15M5, SCR20M5	✔	4,24 €
ADAG18F5F	1/8»	14,0	13	female		-	4,60 €

**Depending on availability - Dimensions in mm*

Scheda tecnica

Una ventosa permette la presa (attraverso il vuoto) e la manipolazione di oggetti diversi con forme, aspetto e massa differenti. L'utilizzo di un venturimetro permette di generare il vuoto diminuendo la pressione atmosferica dal 30 al 98%, valori prossimi al vuoto assoluto.

Per ottenere la forza teorica (N) di una ventosa, si moltiplica la superficie della ventosa (cm^2) per la depressione (%):

Forza ventosa (N) = superficie ventosa (cm^2) x livello del vuoto (%) x 0,099366

Per garantire una sicurezza d'utilizzo ottimale e tenere conto di movimenti ed accelerazioni, si deve dividere questa forza per i coefficienti di sicurezza: vale a dire 3 per presa orizzontale o 5 per presa verticale associando lo scivolamento.
La tabella qui di seguito riporta le forze indicative delle ventose (N) con le varie percentuali di vuoto (%).

Esempio: per una ventosa Ø50mm e vuoto 90%,
la forza teorica = 175,5N = 17,5kg = 5,83kg (coefficiente di 3 incluso).

diametro ventosa (mm)	Superficie cm^2	Forza teorica (N) della ventosa a livello di vuoto (%)								
		10%	20%	30%	40%	50%	60%	70%	80%	90%
5	0,196	0,195	0,390	0,585	0,780	0,975	1,170	1,365	1,560	1,755
6	0,282	0,280	0,561	0,842	1,123	1,404	1,685	1,966	2,247	2,528
8	0,502	0,499	0,998	1,498	1,997	2,497	2,996	3,496	3,995	4,495
10	0,785	0,780	1,560	2,341	3,121	3,902	4,682	5,462	6,243	7,023
15	1,767	1,755	3,511	5,267	7,023	8,779	10,53	12,29	14,04	15,80
20	3,141	3,121	6,243	9,365	12,48	15,60	18,73	21,85	24,97	28,09
25	4,908	4,877	9,755	14,63	19,51	24,38	29,26	34,14	39,02	43,89
30	7,068	7,023	14,04	21,07	28,09	35,11	42,14	49,16	56,19	63,21
35	9,621	9,560	19,12	28,68	38,24	47,80	57,36	66,92	76,84	86,04
40	12,56	12,48	24,97	37,46	49,94	62,43	74,92	87,40	99,89	112,3
50	19,63	19,51	39,02	58,53	78,04	97,55	117,0	136,5	156,0	175,5
60	28,27	28,09	56,19	84,28	112,3	140,4	168,5	196,6	224,7	252,8

Materiali	temperatura d'utilizzo C°	Durata shore	colore	particolarità
NBR = nitrile	da -25 a +110	55 ±5	nero	standard
SI = silicone	da -30 a +220	55 ±5	traslucido	resiste alle alte basse temperature per uso alimentare
NR = gomma naturale	da -25 a +90	50 ±5	grigio	resiste all'attrito e ed è dotata di ottima elasticità

Materiali	Resistenze: insufficiente 1 ◣ eccellente 6											
	lacerazione	fessurazione	elasticità	usaura	attrito	invecchiamento	ozono	benzina	oli grassi	acidi	alcali	acqua calda
NBR = nitrile	4	5	4	4	4	4	4	5	6	2	4	4
SI = silicone	5	4	5	4	5	4	6	4	6	3	3	3
NR = gomma naturale	4	3	4	2	2	2	3	3	3	1	2	2