

Gripper and vacuum technology → Vacuum suction grippers

Flat suction gripper, Series FSR

► F = 16 - 2560 N ► external diameter: 30 - 300 mm ► internal thread



7300-321

Ambient temperature min./max.	-10°C / +70°C
Hardness according to standard ISO 7619-1:2004	60 ± 5 Shore A
Abrasion value according to DIN 53516 ISO 4649:2002	105 mm ³

Materials:
Connector
Vacuum

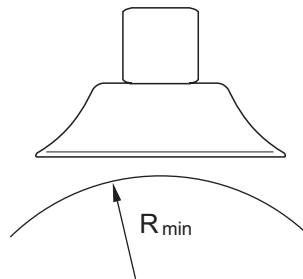
Aluminum
Chloroprene rubber

Technical Remarks

- To be used on even, smooth, and rough surfaces.

	Compressed air connection	external diameter	Holding force ^{*)}	Volume	Max. curving on object R _{min}	Weight	Delivery unit	Part No.
		[mm]	[N]	[cm ³]	[mm]	[kg]	[Piece(s)]	
	M5	30	16	2.5	50	0.01	1	7320300000
	G 1/8	50	64	8	110	0.02		7320500000
	G 1/4	75	160	28	165	0.03		7320750000
	G 3/8	100	304	56	165	0.07		7321000000
	G 1/2	150	608	160	306	0.21		7321500000
	G 3/4	225	1480	500	465	0.75		7322250000
	G 1	300	2560	1250	758	1.8		7323000000

*) Theoretical value at 60% vacuum level, without safety factor

Max. curving on object R_{min}

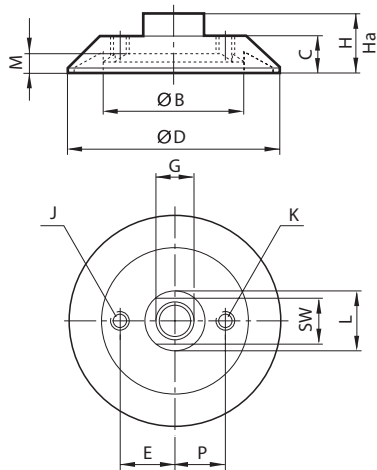
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Dimensions

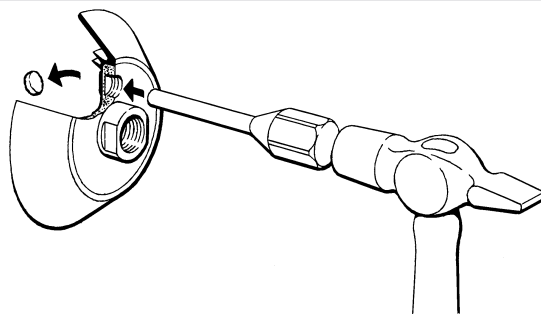


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Part No.	ØD	G	ØB	C	E	H	Ha*)	J	K	L	M	P	SW
7320300000	30	M5	13	10	-	17	14.5	-	-	10	3.5	-	8
7320500000	50	G 1/8	31	11	-	18	13.5	-	-	18	5.5	-	14
7320750000	75	G 1/4	49	14	-	22	16.5	-	-	22	7	-	17
7321000000	100	G 3/8	65.5	18	-	28	21	-	G 1/8	24	8.5	20	21
7321500000	150	G 1/2	96	26	-	42	33	-	G 1/8	35	12	30	27
7322250000	225	G 3/4	149	34	-	54	43	-	G 1/8	50	14	50	41
7323000000	300	G 1	200	44	70	70	55	G 1/2	G 1/8	56	19	60	46

*) Height for vacuum operation

Technical information



T730_008

A ventilation value can be connected at the thread connection of the suction cups Ø 100, 150, 225 and 300. For this, the plug must be knocked from the material with a hammer and mandrel.