

MAF SERIES VACUUM SUCTION CUP



PRODUCT FEATURES

- *Used for fast handling of metal sheets (with short cycle time).
- *There will be no dents or deformations when handling metal sheets.
- *The bottom of the suction cup has a special groove structure to prevent the oily metal plate from sliding during transportation, ensuring precise positioning of the workpiece in the press.
- *A sturdy and wear-resistant flat suction cup made of NBR material with a single sealing lip, featuring a special groove design and internal support structure.
- *There are multiple connection forms for suction cups to choose from, and two types of material hardness are available: Shore hardness 45 and 60.

MODEL SPECIFICATIONS

MAF – 30 – NBR-45 – G1/4-AG

① ④

① Product Series	② Sucker diameter	③ Sucker hardness	④ Connecting threads
MAF – Flat suction cup	30	NBR-45 – nbr 45	G1/4-AG – G1/4 External thread
	40	NBR-60 – nbr 60	G1/4-IG – G1/4 Internal Thread
	50		G3/8-IG – G3/8 Internal Thread
	60		M10x1.5-AG – M10 External thread
	80		M14x1.5-AG – M14 External thread
	100		RA – Rectangular adapter

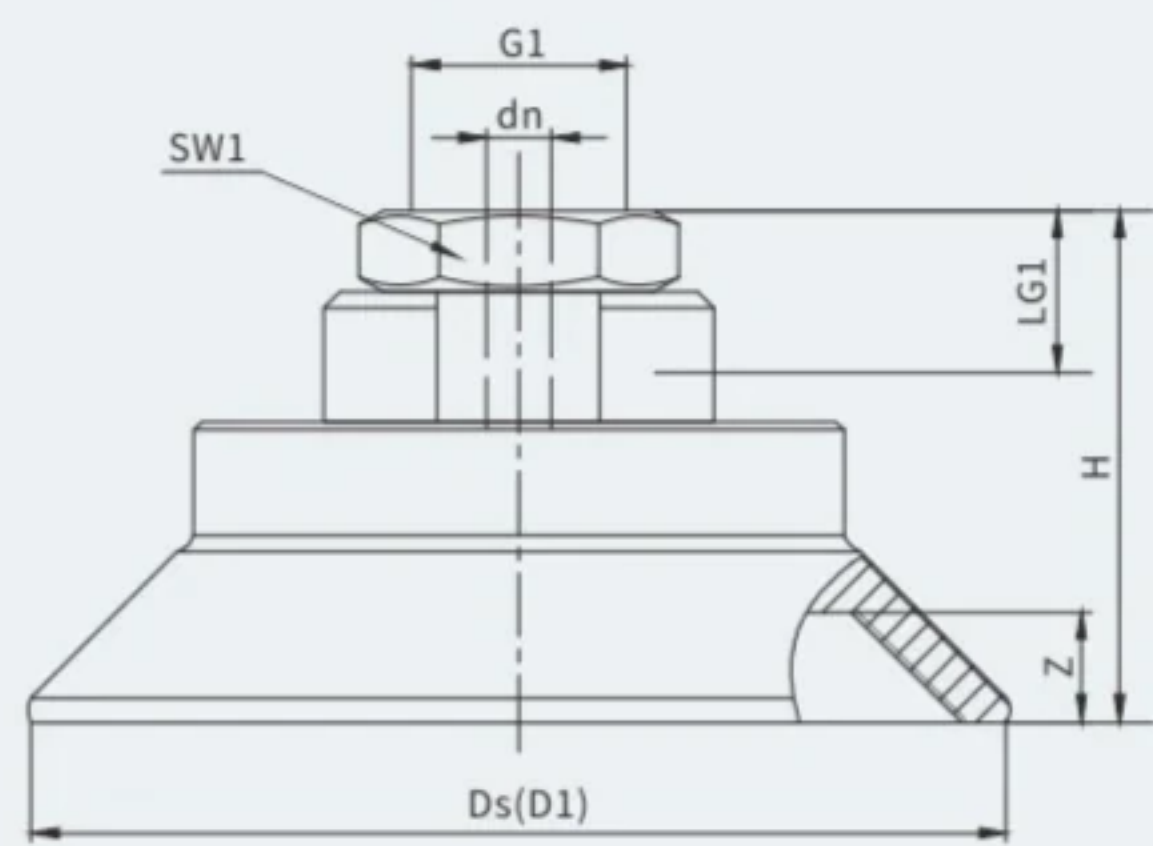
PERFORMANCE PARAMETER

Model	suction (N)	lateral force (N)	Lateral force on oily surfaces (N)	Internal volume (cm ³)	Minimum curvature radius of the workpiece (mm)	Recommended hose diameter (mm)
MAF30	38	30	28	1.7	40	4
MAF40	69	52	50	3.8	50	4
MAF50	100	80	76	7.0	65	4
MAF60	150	105	85	13.0	75	6
MAF80	272	205	180	36.0	100	6
MAF100	430	310	300	58.0	135	6

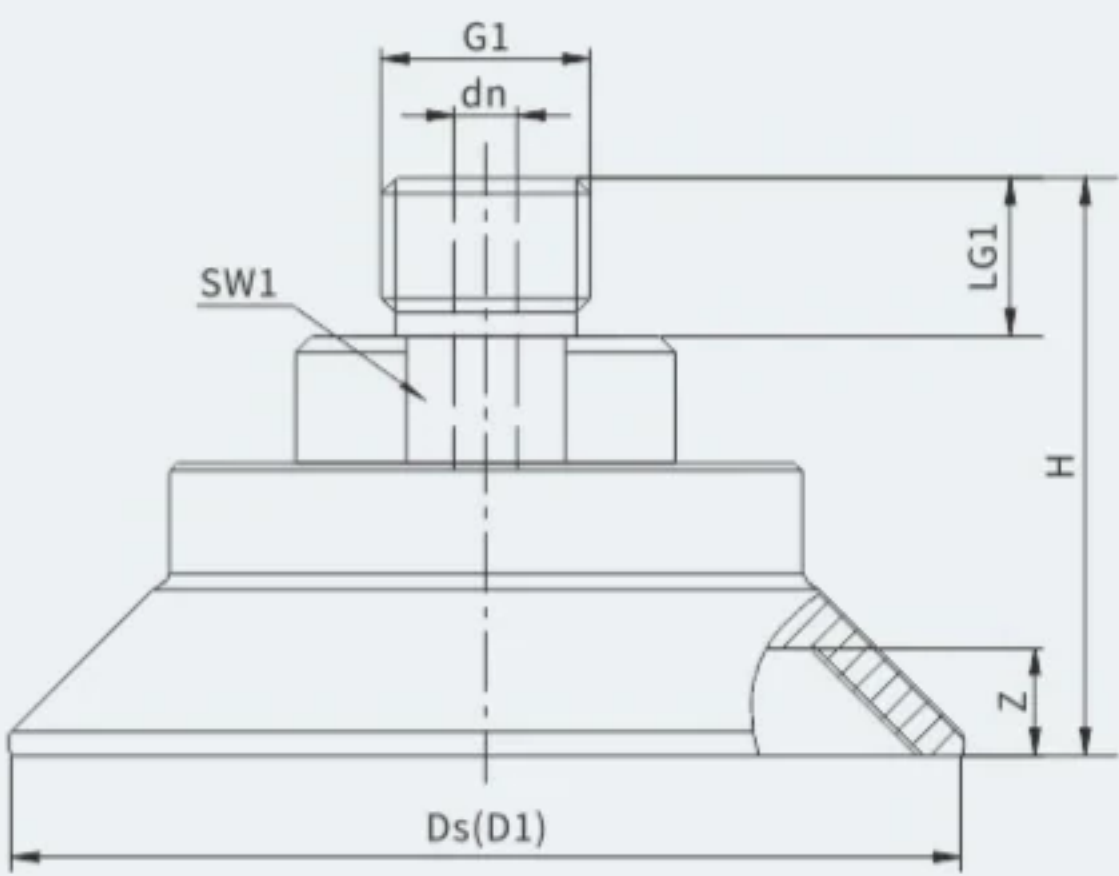
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SPECIFICATION AND SIZE (MM)

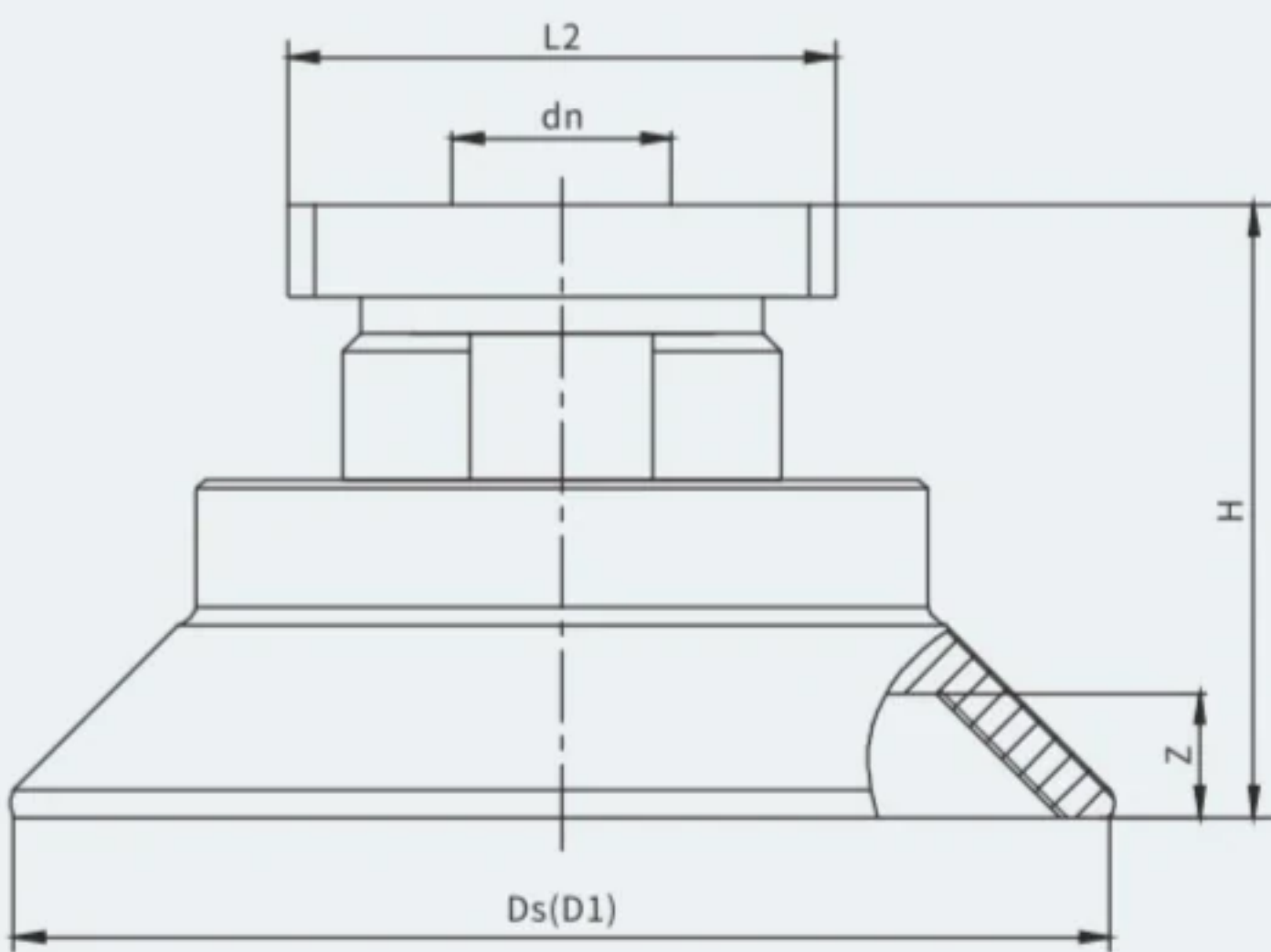
•MAF30~100IG (Internal thread)



•MAF30~100AG (External thread)



•MAF30~100RA (Rectangular adapter)



Model	Size mm	D1	DN	Ds	G1	H	LG1	L2	SW1	Z
MAF30G1/4-AG		34	4	32	G1/4M	20.0	10	—	17	3.0
MAF30G1/4-IG		34	4	32	G1/4F	20.0	12	—	17	3.0
MAF30G3/8-IG		34	4	32	G3/8F	36.0	9	—	22	3.0
MAF30GM10x1.5-AG		34	4	32	M10x1.5M	20.0	12	—	17	3.0
MAF30GM14x1.5-AG		34	4	32	M14x1.5M	22.0	12	—	17	3.0
MAF30RA		34	4	32	—	23.2	—	32	—	3.0
MAF40G1/4-AG		46	4	42	G1/4M	22.0	10	—	17	4.0
MAF40G1/4-IG		46	4	42	G1/4F	22.0	12	—	17	4.0
MAF40G3/8-IG		46	4	42	G3/8F	38.0	9	—	22	4.0
MAF40GM10x1.5-AG		46	4	42	M10x1.5M	22.0	12	—	17	4.0
MAF40GM14x1.5-AG		46	4	42	M14x1.5M	22.0	12	—	17	4.0
MAF40RA		46	4	42	—	25.0	—	32	—	4.0

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Model \ Size	mm	D1	DN	Ds	G1	H	LG1	L2	SW1	Z
MAF50G1/4-AG		56	6	52	G1/4M	28.0	10	–	22	5.0
MAF50G1/4-IG		56	6	52	G1/4F	33.0	15	–	22	5.0
MAF50G3/8-IG		56	6	52	G3/8F	28.0	15	–	22	5.0
MAF50GM10x1.5-AG		56	4	52	M10x1.5M	28.0	12	–	22	5.0
MAF50GM14x1.5-AG		56	6	52	M14x1.5M	28.0	12	–	22	5.0
MAF50RA		56	6	52	–	27.5	–	32	–	5.0
MAF60G1/4-AG		67	6	63	G1/4M	31.0	10	–	22	6.0
MAF60G1/4-IG		67	6	63	G1/4F	36.0	15	–	22	6.0
MAF60G3/8-IG		67	6	63	G3/8F	31.0	15	–	22	6.0
MAF60GM10x1.5-AG		67	4	63	M10x1.5M	31.0	12	–	22	6.0
MAF60GM14x1.5-AG		67	6	63	M14x1.5M	31.0	12	–	22	6.0
MAF60RA		67	6	63	–	30.5	–	32	–	6.0
MAF80G1/4-AG		89	6	83	G1/4M	35.0	10	–	22	7.6
MAF80G1/4-IG		89	6	83	G1/4F	40.0	20	–	22	7.6
MAF80G3/8-IG		89	6	83	G3/8F	35.0	15	–	22	7.6
MAF80GM10x1.5-AG		89	4	83	M10x1.5M	35.0	12	–	22	7.6
MAF80GM14x1.5-AG		89	6	83	M14x1.5M	35.0	12	–	22	7.6
MAF80RA		89	6	83	–	34.5	–	32	–	7.6
MAF100G1/4-AG		110	6	103	G1/4M	36.0	10	–	22	9.5
MAF100G1/4-IG		110	6	103	G1/4F	41.0	20	–	22	9.5
MAF100G3/8-IG		110	6	103	G3/8F	36.0	15	–	22	9.5
MAF100GM10x1.5-AG		110	4	103	M10x1.5M	36.0	12	–	22	9.5
MAF100GM14x1.5-AG		110	6	103	M14x1.5M	36.0	12	–	22	9.5
MAF100RA		110	6	103	–	35.5	–	32	–	9.5