

Cup Variations

vacuul	n Pad ZP s	Series								Pad	Dian	neter	[mm]					
	Pad Form		Symbol	ø1.	5 ø	2 0	ə3.5	ø4	ø6	ø8				ø20	ø25	ø32	ø40	ø50
		_	υ		-			•	•	•	•	•	•	•	•	•	•	•
Flat		With Ribs	с							_	•	•	•	•	-	•	•	
		Ball Joint	F								-	-	•	•	-	-	•	-
Bellows		_	в						•	•	•	•	•	•	•	•	•	-
Thin		_	UT	\vdash						_	-	•	-		_			
Flat		With Ribs	ст	\vdash							•	•	•					
Deep		_	D								•		•		•		•	

Vacuum Pad ZP Serie

Vacuum Pad/Compact Type ZP3 Series



Oval Pad ZP/ZP2 Series



High Rigidity Pad ZP3E Series





Pads for Special Applications

		Pad Forn		Series	Symbol	Pad Diameter [mm]
		8	-	ZP2	U, CL	ø4 ø6 ø8 ø10 ø16 ø25 ø32 ø40 ø50
	Flat		With Ribs	ZP2	H, CL/ NT/FT	040 050 063 080 0100 0125
		8	With Groove	ZP3E	UM, CL	032 040 050 063 080 0100 0125
Mark- free Pad			With Groove, Ball Joint Type	ZP3E	G, UM, CL	Ø32 Ø40 Ø50 Ø63 Ø80 Ø100 Ø125
	Bellows		With Ribs and Groove	ZP3E	BM, CL	Ø32 Ø40 Ø50 Ø63 Ø80 Ø100 Ø125
			With Groove, Ball Joint Type	ZP3E	F, BM, CL	Ø32 Ø40 Ø50 Ø63 Ø80 Ø100 Ø125
	Resin Attach- ment	9	_	ZP2	к	06 08 010 013 016 020 025 032
	Film rption		With Groove	ZP3P	РТ	ø20 ø25 ø35 ø50
Multi	stage		4.5 Stage	ZP2	ZJ	ø15 ø20 ø30 ø40 ø46
	stage		2.5 Stage 3.5 Stage	ZP2	J	06 09 010 014 015 016 025 030
Flat	Pad		With Groove	ZP2	МТ	Ø10 Ø15 Ø20 Ø25 Ø30
Nozzl	е Туре	I	_	ZP2	AN	Ø0.8 Ø1.1
Spo	onge	0	_	ZP2	s	Ø4 Ø6 Ø8 Ø10 Ø15
	Disk rption		-	ZP2	Z1	
For Panel Holding		0	-	ZP2	z	
With Ball Spline Buffer		-	Flat Type	ZP2	U, S	02 03 06 08
Vacuum Saving Valve		ZP2V	,			
Non-contact Gripper		5	· · · · · · · · · · · · · · · · · · ·		- 	
Magnet Gripper		1	мнм			

Select from Cup Form



			Basic	Compact	High Rigidity	(Dval
	1		ZP	ZP3	ZP3E	ZP	ZP2
	Flat Type	 For the adsorption of general workpieces For the adsorption of workpieces with flat and non-deformed surfaces 	•	•			
	Flat Type with Ribs	 For workpieces which are likely to become deformed For the reliable release of workpieces 					
Flat	Flat Type with Groove	 For workpieces which are likely to become deformed For the reliable release of workpieces 		-	•		
	Ball Joint, Flat Type	For the adsorption of workpieces with inclined or curved surfaces	-				
	Ball Joint, Flat Type with Groove	 For adsorption of workpieces with inclined or curved surfaces For workpieces which are likely to become deformed For the reliable release of workpieces 			•		
	Bellows Type	 For the adsorption of workpieces with inclined surface For workpieces of varying heights 	-	•			
Bellows	Bellows Type with Ribs	 For adsorption of workpieces with inclined surfaces For workpieces of varying heights For the reliable release of workpieces 		•			
Denows	Bellows Type with Ribs and Groove	 To be used when adsorption surface of the workpieces is slanted For the reliable release of workpieces 			•		
	Ball Joint, Bellow Type with Ribs and Groove	 For the adsorption of workpieces with inclined of curved surfaces For the reliable release of workpieces 			-		
Thin Flat	Thin Flat Type	For workpieces which are likely to become deformed					
	Thin Flat Type with Ribs	 For workpieces which are likely to become deformed For the reliable release of workpieces 					
Deep	Deep Туре	 For workpieces with curved surfaces 					
Oval	Oval Flat Type	 For workpieces with adsorption surface limitations For use when a large adsorption area is required for long and narrow workpieces 					-

Cup Series



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or "lovalid"	Initial spine has its day loss birth and gard to polytomize Row Size 200	
on envenue	Denia - Pol an Iphon -	
	Adultar A (Sel) Line Adultaria	- 2
	Patrice Denderd	-
	Rate South To South	
	Bandler 2 per (11 hors in the Case of the Sorth)	
	Dynamic III) A Crow and non-applied with other association value. A final application protocol cattern value. A final protocol cattern value.	

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