

## air shaft with expanding keys

It is especially designed to wind at shaft core and unwind at single shaft in order to either meet customers' requirements for more higher tension and torque or bear more weighted materials. From expanding of single air bag and expanding keys, shaft core will be clamped. The central body is made from steel or aluminium; expanding keys can be made from other materials under customers' special requirements. According to the drawings, we can make shaft head with all kinds of materials and surface treatments. Due to its unique clamp system, air bag can be replaced after withdrawing the shaft head without adopting special tools.

型式	Model	1英寸 inch	2英寸 inches	3英寸 inches	4英寸 inches	5英寸 inches	6英寸 inches	8英寸 inches	10英寸 inches	12英寸 inches
未充气时直径	Non-swell diameter [mm]	24	48.5	74	98	124	149	200	250	300
充气后直径	Swell diameter [mm]	28-32	52-54	79-81	103-105	129-131	154-156	205-207	255-257	305-307
适用卷管内径	Applicable roll inside diameter [mm]	26-30	50.5-52	75.5-78.5	99.5-103	126-128	152-154	202-204	252-254	302-304
键数量	Key number	3+3	3+3	3+3	4+4	4+4	5+5	6+6	6+6	6+6
主体重量 钢体	Body weight Steel [kg/m]	7	12	19	29	37	52	78	118	180
主体重量 铝体	Body weight Aluminium [kg/m]	4	7	10	17	22	32	50	80	130
最大承重 钢体	Maximum load Steel [kg]	50	200	1100	1850	3350	3700	4500	5500	6500
最大承重 铝体	Maximum load Aluminium [kg]	20	100	700	950	1500	1900	2500	3200	4000
最大转矩	Maximum torque [Nm/m]	100	200	440	570	980	1600	2200	3000	4000

Product link : <https://www.airshaft-china.com/?p=1283>