

WEDGE ANCHOR WITH A BEARING PLATE

Type: **AKS**

In terms of design, AKS series anchor is a mechanical device consisting of a cylindrical anchor head with tapered wedging holes, wedges for securing and fixation of prestressed strands, a polyethylene or steel sheathing, a cast iron or steel bearing plate and a bursting reinforcement spiral.

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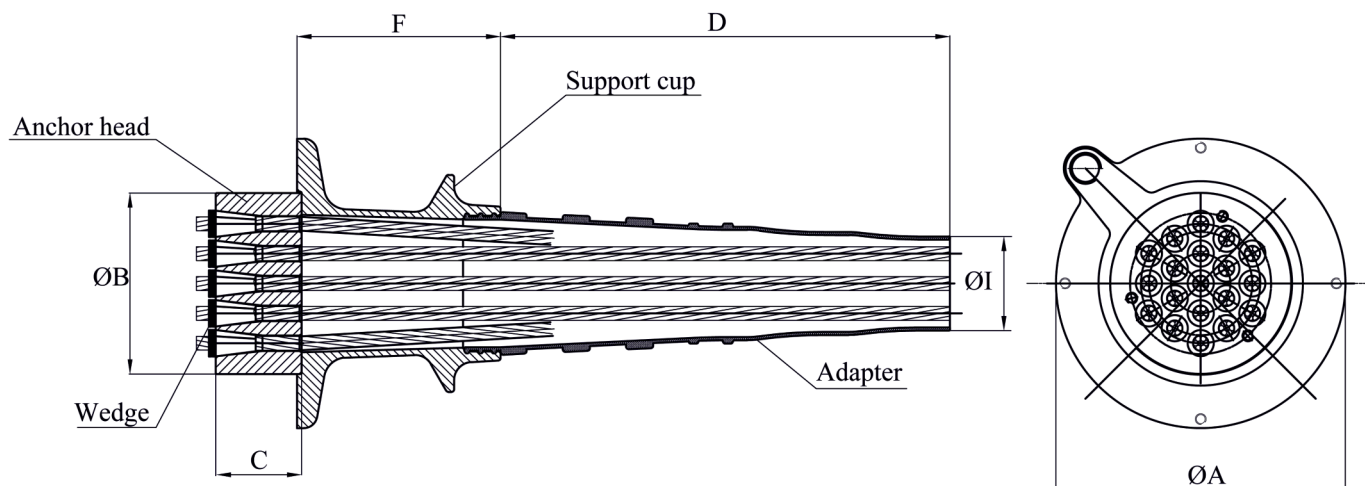
Features:

The most widely used anchor type

used for post-tensioned reinforced concrete structures.

Applications:

- Bridges
- Buildings
- Nuclear power plants



Anchor type	Number of strands	A	ØB	C	D	ØI	F
		mm					
AKS-5P*	5	240x95	220	40	150	91x22	230
AKS-7	7	150	140	65	300	70	150
AKS-12	12	200	180	65	400	85	250
AKS-13	13	200	180	65	400	90	250
AKS-19	19	250	200	95	500	100	250
AKS-21	21	275	220	100	610	100	320
AKS-25	25	300	270	105	610	110	320
AKS-31	31	320	260	115	610	120	350
AKS-37	37	350	285	130	610	130	420
AKS-46	46	420	340	145	650	140	510
AKS-55	55	420	340	155	700	160	510

* AKS-5P series anchor includes a flat anchor head and a flat bearing plate. Geometry of the bursting reinforcement, inter-anchor distance, distance from the anchor centerline to the concrete edge as a function of the concrete strength are defined by the design. STS Ltd. reserves the right to modify anchor dimensions.

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Important!



Technical parameters are subject to change. Actual information on the website of the company or at the link via QR-code.