COUPLER

Type: **SK**

Couplers of SK series are designed to join a tendon to another one in the upstream post-tensioned section of a structure.

MADE IN RUSSIA

COUPLER

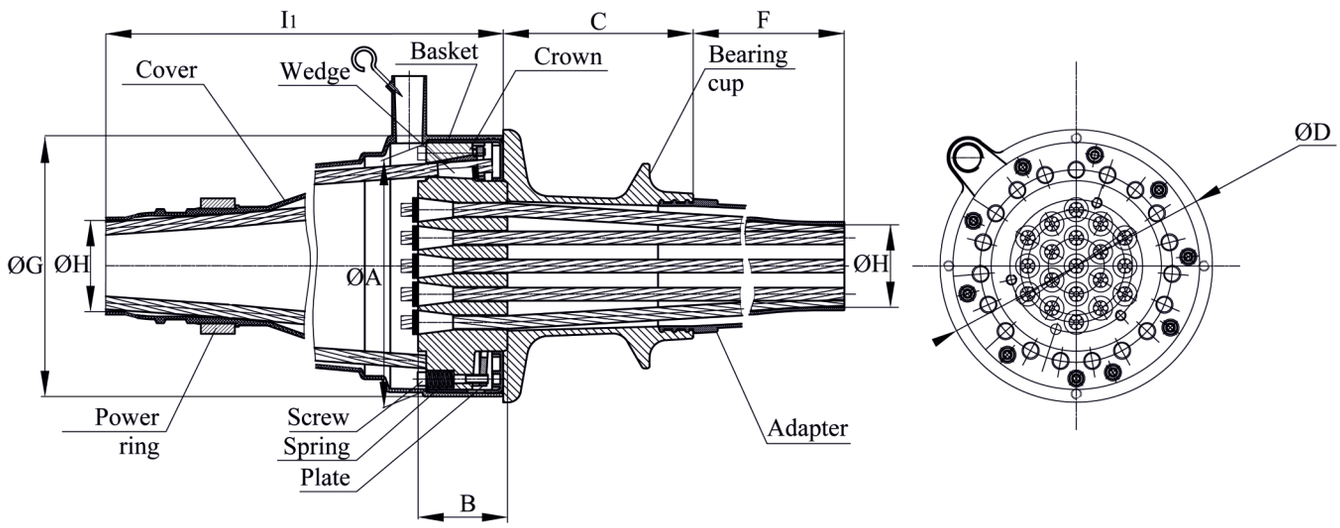
Features:

Depending on the tendon stressing method, couplers of SPN series can be fixed (at the previous section of a post-tensioned structure) or movable (joined to a loose tendon arranged in the structure of the next concreting section).

The designs of movable and fixed couplers differ; fixed couplers include a bearing plate, it transfers stressing force from the strand onto concrete. Wedges at the fixed side of the coupler where there is no access during tendon stressing are fixed mechanically in tapered holes.

Applications:

- Bridges
- Buildings



Coupler type	Number of strands	øA	B	C	øD	l1	F	øG	øH
		mm							
SK-4[1]	4	180	110	400	150x150	550	-	205	60
SK-7	7	230	110	210	210	790	300	253	70
SK-13	13	270	110	255	250	1245	400	293	90
SK-19	19	290	110	320	250	1260	500	313	100
SK-25	25	360	115	360	350	1410	610	383	110
SK-31	31	415	115	360	350	1612	610	438	120

1 SK-4 rests on AKP-4 plate, see AKP-4.
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.

Moscow, Russia, Kirpichnye Vyemki str., Bld. 2, Unit 1

+7 (495) 374-67-09

www.sts-hydro.com

info@sts-hydro.com

Important!

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