

SKR | SKS | SKP



SCREW ANCHOR FOR CONCRETE CE1

SEISMIC PERFORMANCE

Certified for applications on cracked and non-cracked concrete and in performance class for seismic actions C1 (M10-M16) and C2 (M12-M16).

IMMEDIATE STRENGTH

Its operating principle allows the load to be applied after zero waiting times.

OPERATION BY SHAPE

The stresses acting on the anchor are transmitted to the substrate predominantly through the interaction of the geometric conformation of the anchor, in particular, diameter and thread; allowing it to lock into the substrate and guaranteeing the seal.



SKR

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DIAMETER [mm]	6 6 16 16
LENGTH [mm]	52 60 290 400
SERVICE CLASS	SC1 SC2
ATMOSPHERIC CORROSIVITY	C1 C2
WOOD CORROSIVITY	T1 T2
MATERIAL	Zn ELECTRO PLATED electrogalvanized carbon steel



FIELDS OF USE

Fastening of timber or steel elements to supports:

- concrete according to EN 206:2013
- cracked and uncracked concrete

CODES AND DIMENSIONS

SKR - hexagonal head with mock washer

d_1 [mm]	CODE	L [mm]	t_{fix} [mm]	$h_{1,min}$ [mm]	h_{nom} [mm]	h_{ef} [mm]	d_0 [mm]	d_F [mm]	SW [mm]	T_{inst} [Nm]	pcs
8	SKR8100	100	40	75	60	48	6	9	10	20	50
	SKR1080	80	10	85	70	56	8	12	13	50	50
10	SKR10100	100	30	85	70	56	8	12	13	50	25
	SKR10120	120	50	85	70	56	8	12	13	50	25
12	SKR1290	90	10	100	80	64	10	14	15	80	25
	SKR12110	110	30	100	80	64	10	14	15	80	25
	SKR12150	150	70	100	80	64	10	14	15	80	25
	SKR12210	210	130	100	80	64	10	14	15	80	20
	SKR12250	250	170	100	80	64	10	14	15	80	15
	SKR12290	290	210	100	80	64	10	14	15	80	15
	SKR16130	130	20	140	110	85	14	18	21	160	10

SKS - countersunk head

d_1 [mm]	CODE	L [mm]	t_{fix} [mm]	$h_{1,min}$ [mm]	h_{nom} [mm]	h_{ef} [mm]	d_0 [mm]	d_F [mm]	d_K [mm]	TX	pcs
6	SKS660	60	10	55	50	38	5	7	11	TX 30	100
	SKS860	60	10	75	50	38	6	9	14	TX 30	50
8	SKS880	80	20	75	60	48	6	9	14	TX 30	50
	SKS8100	100	40	75	60	48	6	9	14	TX 30	50
10	SKS10100	100	30	85	70	56	8	12	20	TX 40	50

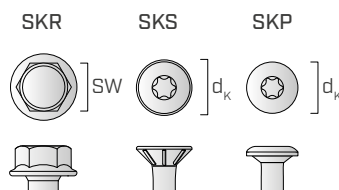
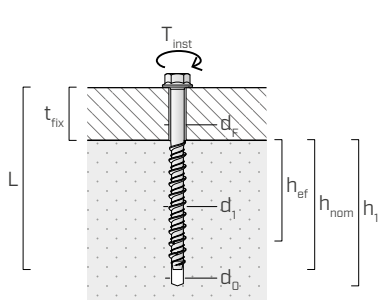
SKP - convex head

d_1 [mm]	CODE	L [mm]	t_{fix} [mm]	$h_{1,min}$ [mm]	h_{nom} [mm]	h_{ef} [mm]	d_0 [mm]	d_F [mm]	d_K [mm]	TX	pcs
6	SKP680	80	30	55	50	38	5	7	12	TX 30	50
	SKP6100	100	50	55	50	38	5	7	12	TX 30	50

ADDITIONAL PRODUCTS - ACCESSORIES

CODE	description	pcs
SOCKET10	SW 10 bushing 1/2" connection	1
SOCKET13	SW 13 bushing 1/2" connection	1
SOCKET15	SW 15 bushing 1/2" connection	1
SOCKET21	SW 21 bushing 1/2" connection	1

GEOMETRY



d_1	external diameter of anchor
L	anchor length
t_{fix}	maximum fastening thickness
h_1	minimum hole depth
h_{nom}	nominal anchoring depth
h_{ef}	effective anchor depth
d_0	hole diameter in the concrete support
d_F	maximum hole diameter in the element to be fastened
SW	wrench size
d_K	head diameter
T_{inst}	tightening torque