

S A B O T S CASING SHOES

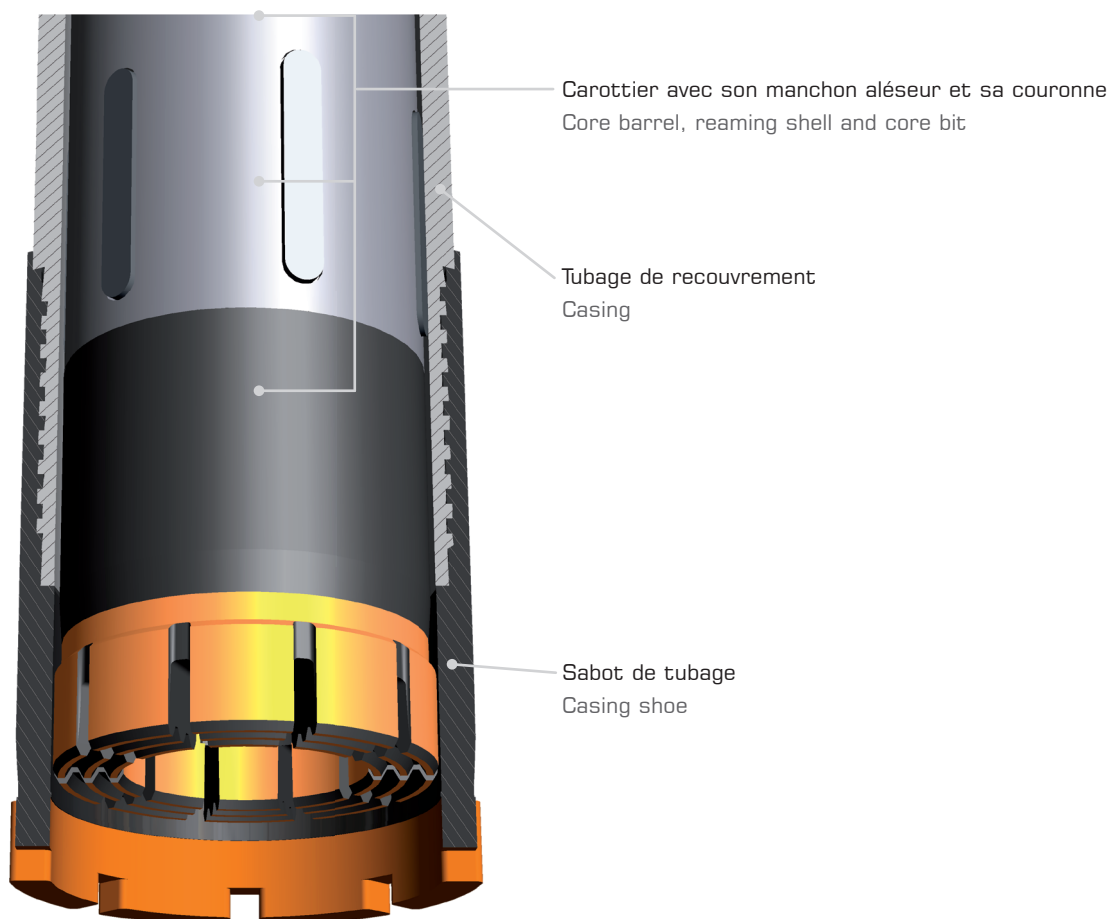
SABOTS CASING SHOES

Les sabots de tubage sont utilisés lorsqu'il y a de hauts risques d'éboulement de la formation. La mise en place du tubage doit se faire impérativement par rotation. Afin de permettre le passage du carottier, le diamètre intérieur du sabot ne comporte pas de diamant et est égal au diamètre intérieur du tubage.

Dans certaines applications, il est possible d'utiliser le tubage comme carottier simple tube en début de forage ou en sondage incliné. Dans ce cas, le tubage est équipé d'une couronne de tubage et non plus d'un sabot. La différence essentielle entre le sabot et la couronne de tubage se situe au niveau du diamètre intérieur. Dans le cas de la couronne de tubage, le diamètre intérieur, qui est serti de diamants, est plus petit que celui du tubage.

The casing shoe is used when there is a risk of the hole collapsing. The casing has to be set with rotation. In order to continue drilling or coring after setting the casing, the inner diameter of the casing shoe does not contain diamonds and is flush with the inner diameter of the casing.

In some applications, the casing may be used as a simple core barrel, at the start of drilling or while deviation drilling. Under these circumstances, the casing shoe is replaced with a casing core bit, which has diamonds on the inner diameter. The inner diameter of the casing core bit is smaller than the inner diameter of the casing.





OUTILS FORANTS DRILLING BITS

S A B O T S CASING SHOES

Dimensions Casing Shoe dimensions

SABOTS DE TUBAGE : DIMENSIONS CASING SHOE DIMENSIONS

Taille de carottier Core barrel size			Tubage Casing				Sabot de Tubage Casing shoe				Couronne de Tubage Casing core bit			
			OD		ID		OD		ID		OD		ID	
Série	Code	taille	mini	maxi	mini	maxi	mini	maxi	mini	maxi	mini	maxi	mini	maxi
Série Métrique Metric Series	046	46.00	43.95	44.35	36.90	37.40	45.90	46.10	36.90	37.10	45.90	46.10	34.90	35.10
	056	56.00	53.90	54.40	46.90	47.40	55.90	56.10	46.90	47.10	55.90	56.10	44.90	45.10
	066	66.00	63.95	64.55	57.00	57.50	65.90	66.10	56.90	57.10	65.90	66.10	54.90	55.10
	076	76.00	73.95	74.55	67.00	67.50	75.90	76.10	66.90	67.10	75.90	76.10	64.90	65.10
	086	86.00	83.85	84.65	77.00	77.50	85.90	86.10	76.90	77.10	85.90	86.10	74.90	75.10
	101	101.00	97.60	98.40	87.90	88.70	100.90	101.10	87.90	88.10	100.90	101.10	86.40	86.60
	116	116.00	112.50	113.50	102.80	103.80	115.90	116.10	102.90	103.10	115.90	116.10	101.40	101.60
	131	131.00	127.50	128.50	117.80	118.80	130.90	131.10	117.90	118.10	130.90	131.10	116.40	116.60
Série WL WL Series	046	46.00	43.95	44.35	36.90	37.40	45.90	46.10	36.90	37.10	45.90	46.10	34.90	35.10
	056	56.00	53.90	54.40	46.90	47.40	55.90	56.10	46.90	47.10	55.90	56.10	44.90	45.10
	066	66.00	63.95	64.55	57.00	57.50	65.90	66.10	56.90	57.10	65.90	66.10	54.90	55.10
	076	76.00	73.95	74.55	67.00	67.50	75.90	76.10	66.90	67.10	75.90	76.10	64.90	65.10
	086	86.00	83.85	84.65	77.00	77.50	85.90	86.10	76.90	77.10	85.90	86.10	74.90	75.10
Série SK6L	SK6L	SK6L	139.70	140.08	125.12	125.50	143.08	142.84	124.88	125.12	146.00	146.25	122.76	123.00
	ORW	RW	36.50	36.63	30.23	30.48	37.59	37.85	30.05	30.18	37.59	37.85	25.27	25.53
	OEW	EW	46.02	46.28	38.10	38.35	47.50	47.75	37.90	38.02	47.50	47.75	35.56	35.81
	OAW	AW	57.15	57.40	48.41	48.67	59.44	59.69	48.18	48.31	59.44	59.69	45.09	45.34
	OBW	BW	73.03	73.28	60.33	60.58	75.18	75.44	60.12	60.25	75.18	75.44	56.13	56.39
Série DCDMA/BS DCDMA/BS Series	ONW	NW	88.90	89.28	76.20	76.58	91.69	91.95	75.87	76.12	91.69	91.95	72.01	72.26
	OHW	HW	114.30	114.68	101.22	101.60	117.27	117.65	99.57	99.82	117.27	117.65	95.81	96.06
	OPW	PW	138.66	140.74	123.57	127.38	143.26	143.76	123.06	123.44	143.26	143.76	117.48	117.86
	OPW GT	PW**	138.66	140.74	123.57	127.38	143.26	143.76	127.00	127.25				
	OSW	SW	167.00	169.55	151.21	155.55	172.21	172.72	146.56	146.94	172.21	172.72	142.88	143.26
	OYW	YW	192.23	195.12	175.79	180.54	197.74	198.50	175.13	175.64	197.74	198.50	171.32	171.83
	OZW	ZW	217.42	220.73	203.00	208.46	223.39	224.16	200.53	201.04	223.39	224.16	196.72	197.23
Série LS LS Series			OD NOMINAL		ID NOMINAL									
	L095	LS-95	95.00		80.00		96.40		96.65		76.75		77.00	
	L114	LS-114	114.30		103.10		118.20		118.45		97.75		98.00	
	L140	LS-140	139.70		127.00		142.50		142.75		120.25		120.50	
	L168	LS-168	168.30		155.60		171.00		171.25		148.75		149.00	
	L194	LS-194	193.70		179.10		196.50		196.75		174.15		174.40	
Série LS LS Series	L220	LS-220	219.10		203.00		222.00		222.25		199.75		200.00	

* Ce dimensionnel PWL correspond aux anciennes dimensions de tige PWL de 114.30 x 101.60.
These dimensions correspond to the old PWL rod size of 114.30 x 101.60.

** Ce dimensionnel PW GT est réservé au forage de géotechnique, garantissant un passage Ø127 mm, contrairement au PW qui suit la norme ISO 3551-1.
PW GT dimensions are for geotechnical drilling and allow for an inside clearance of Ø127 mm, whereas standard PW follows ISO 3551-1.



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N°Indigo 0820 FORAGE

