

Specifications | Splitters

Type	Wedge set	Required drill hole diameter ¹		Minimum drill depth		Splitting distance		Splitting force, theoretical		Splitting force, effective		Weight ³		Length Splitting Cylinder		Length wedge set	
		mm	in	mm	in	mm	in	kN/t	lbs	kN/t	lbs	kg	lbs	mm	in	mm	in
C2S	N	31 - 32	1.22-1.26	270	10.6	9	0.35	3490/355	783000	1913/195	430000	17	37	745	29	140	5.5
C4E	N	35 - 36	1.38-1.42	430	16.9	10	0.39	4524/461	1017000	2256/230	507000	21	46	995	39	250	9.8
C4E	WL	35 - 38	1.38-1.5	540	21.3	14	0.55	3267/333	734000	1864/190	419000	22	49	1145	45	400	15.7
C9	N	45 - 48	1.77-1.89	410	16.1	18-53 ²	0.7-2.1 ²	2995/305	672000	1962/200	441000	22	49	1020	40	230	9.1
C9	L	48 - 50	1.89-1.97	580	22.8	18-53 ²	0.7-2.1 ²	2995/305	672000	1962/200	441000	23	51	1190	47	400	15.7
C10S	N	41 - 43	1.61-1.69	630	24.8	18	0.7	4945/504	1111000	2550/260	573000	33	73	1400	55	230	9.1
C10S	Jura	41 - 43	1.61-1.69	560	22	18	0.7	4052/413	911000	2158/220	485000	32	71	1340	53	380	15
C12	N	45 - 48	1.77-1.89	610	24	19-60 ²	0.75-2.4 ²	6061/618	1363000	3507/358	789000	31	68	1290	51	380	15
C12	L	45 - 48	1.77-1.89	680	26.8	15-44 ²	0.6-1.7 ²	8082/824	1817000	4048/413	911000	32	71	1360	54	450	17.7
C12	W	45 - 48	1.77-1.89	550	21.7	24-80 ²	0.9-3.1 ²	4849/494	1089000	3150/321	708000	31	68	1250	49	340	13.4

¹ Smallest diameter is most effective² With one enlarging counter wedge and one special enlarging counter wedge³ Without hydraulic hoses

C2S



C4E



C9



C10S



C12

Specifications | Hydraulic hoses

Type	Length ¹		Number of Splitters
	mm	in	
S1	10	0.4	1
S1	20	0.8	1
S2	10	0.4	2
S2	20	0.8	2
S3	20	0.8	3

¹ Distance between Power Unit and Splitter

Specifications | Special Lubricant

Quantity/ container	
1 kg	Hazardous material
18 kg	Hazardous material

Specifications | Enlarging counter wedges

Type	Enlarging counter wedges	Special enlarging counter wedges	Pressure shells	Enlarging feathers	Remote control
C2SN				●	●
C4E N				●	●
C4E WL					●
C9 N	●	●	●		●
C9 L	●	●			●
C10S N	●				●
C10S Jura					●
C12 N	●	●	●	●	●
C12 L	●	●		●	●
C12 W	●	●	●	●	●

● Highly suitable

SPLITTERS

Typical applications and possibilities of use

Different splitter models are available for a wide range of applications:

Splitter models	C2S	C4E	C9	C10S	C12
Demolition of concrete and reinforced concrete					
Splitting unreinforced and lightly reinforced concrete			●	○	●
Splitting reinforced concrete			○		●
Splitting in closed rooms and poorly accessible places			●		○
Splitting in confined spaces			●		○
Splitting walls and masonry			●		●
Splitting piles heads			○		●
Chimney demolition			●		○
Secondary splitting of large concrete pieces (pre-splitting for recycling plants)			●		○
Underwater demolition			●	○	○
Demolition of rock and natural stone					
Rock splitting (e.g. in trench work)			○	○	●
Secondary splitting of boulders	○	●	●	○	●
Tunnel-driving work		●	●	○	●
Expansion work in underground mining	○	●	●	○	●
Secondary splitting	○	●	○	○	○
Press pipe jacking	●	●	●		
Block quarrying in the natural stone industry					
Marble		●		●	
Granite	○	●		●	●
Sandstone			●	●	

● Highly suitable

○ Suitable

Application fields



Demolition of concrete and reinforced concrete



Demolition of rock and natural stone



Block quarrying in the natural stone industry



Tunneling