



GEOMETRIC CHARACTERISTICS



	ØMax	Øe	Stroke	Height H (mm)			Load (daN) at 6 bar			nf *	Stiffness*	Weight
	(mm)	(mm)		min.	design	Max.	H.min.	H.design	H.Max.			
2"³/4x1 Composite	80	95	20	50	60	70	260	173	92	4.60	133.7	0.22
2"³/4x1 Aluminium	80	95	20	50	60	70	260	173	92	4.60	133.7	0.35
4"¹/₂x1 Aluminium	125	140	40	50	70	90	550	355	140	3.71	184.9	0.75
6"x1 Composite	175	190	55	55	80	110	1140	755	330	3.33	272.2	0.95
6"x1	175	190	55	55	80	110	1140	755	330	3.33	272.2	1.9
6"x1	175	190	55	50	75	105	1095	710	290	3.30	249.0	2.2
8"x1	230	245	80	50	90	130	1860	1275	535	2.77	342.1	3.0
S.8"x1	225	240	95	60	105	155	1630	1210	460	2.47	265.3	1.8
S.9"¹/₄x1	255	275	105	55	105	160	1960	1560	825	2.17	281.4	2.3
10"x1	280	300	100	50	100	150	2645	1960	900	2.46	385	3.9
12"x1	330	350	100	50	100	150	3885	2975	1510	2.44	588	5.4
S.12"x1	335	360	105	60	110	165	3900	2950	1385	2.26	530	3.9
14"¹/₂x1	395	425	125	50	110	175	5760	4555	2155	2.22	784	7.1



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	(mm)	(mm)		min.	design	Max.	H.min.	H.design	H.Max.			
2"³/4x2 Composite	80	95	45	65	90	110	213	139	54	3.60	72.5	0.26
2"³/4x2 Aluminium	80	95	45	65	90	110	213	139	54	3.60	72.5	0.40
4"¹/₂x2 Aluminium	125	140	85	65	100	150	575	400	170	2.62	71.4	0.95
6"x2 Composite	175	190	115	80	140	195	1060	685	340	2.25	114.0	1.3
6"x2 Aluminium	175	190	115	80	140	195	1060	685	340	2.25	114.0	2.2
6"x2	175	190	115	75	140	190	1040	635	320	2.25	116.9	2.6
8"x2	220	245	175	75	160	250	1765	1140	445	1.95	128.1	3.7
S.8"x2	220	240	185	80	175	265	1650	1050	395	1.89	125.1	2.5
9"¹/₄x2	255	270	205	75	160	280	2315	1730	745	1.72	150.4	5.5
S.9"¹/₄x2 NB	255	275	220	80	175	300	2015	1380	490	1.65	120.6	2.8
S.9"¹/₄x2 ANB	265	285	290	80	260	370	2790	1475	705	1.51	118	3.1
10"x2	270	300	225	75	170	300	2635	1900	645	1.75	178.8	4.9

* : Value for recommended height for better isolation at pressure 6 bar

ØMax : Maximum diameter
 Øe : Overall diameter
 nf : Natural frequency

H.min : minimum height
 H.design : Design height
 H.Max : maximum height

S.xxxxxx : crimped version

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	ØMax	Øe	Stroke	Height H (mm)			Load (daN) at 6 bar			nf *	Stiffness*	Weight
	(mm)	(mm)	(mm)	min.	design	Max.	H.min.	H.design	H.Max.	(Hz)	(daN/mm)	(kg)

12"x2	325	350	225	75	170	300	3850	2910	855	1.78	285	6.7
S.12"x2	325	350	215	85	190	300	3580	2800	1175	1.68	276	5.3
12"x2 NB	325	350	225	75	170	300	3905	2905	930	1.76	277	6.2
S.12"x2ANB	345	370	265	80	270	345	4310	2060	975	1.59	243	5.0
12"x2 ANB	345	370	325	75	270	400	4590	2790	1295	1.45	205	6.9
14"½x2	400	425	265	75	200	340	6195	4445	1690	1.61	373	8.9
14"½x2 Re	390	425	230	90	200	320	5585	4025	1680	1.66	370	9.4
16"x2	440	460	315	75	200	390	6525	5195	2020	1.44	323	9.5
16"x2 Re	430	460	300	90	200	390	6255	5040	1745	1.48	339	10.1
21"½x2	580	630	280	90	200	370	14150	11690	5345	1.50	756	21.0
26"x2	700	750	410	90	200	500	20370	17335	8445	1.23	792	23.7



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	(mm)	(mm)	(mm)	min.	design	Max.	H.min.	H.design	H.Max.	(Hz)	(daN/mm)	(kg)

2"³x3 Composite	80	95	60	80	110	140	230	157	70	3.12	50.7	0.3
2"³x3 Aluminium	80	95	60	80	110	140	230	157	70	3.12	50.7	0.5
4"½x3 Aluminium	125	140	100	100	145	200	535	375	230	1.96	36.8	1.2
6"x3 Aluminium	175	190	190	100	190	290	1055	725	295	1.85	77.3	2.6
6"x3	175	190	190	95	190	285	1045	690	280	1.85	75.5	2.8
8"x3	215	240	250	100	230	350	1740	1075	465	1.60	85.1	4.4
10"x3	270	300	330	100	250	430	2660	1770	645	1.43	110	5.9
10"x3 Re	270	300	300	120	250	420	2585	1740	685	1.46	107	6.3
12"x3	325	350	330	100	250	430	4060	2930	1090	1.44	189	8.1
S.12"x3	325	350	345	120	265	465	3810	2700	660	1.42	178	7.0
12"x3 NB	335	360	335	100	250	450	4165	2950	985	1.41	178	7.5
12"x3 Re	325	350	300	120	250	420	4145	3065	1130	1.48	273	8.6
12"x3ReNB	325	350	320	120	250	440	3885	2860	855	1.48	187	7.6
S.12"x3RNB	325	350	315	105	265	420	3825	2505	955	1.44	174	7.0
14"½x3	400	425	380	100	290	480	6255	4320	1920	1.31	233	10.5
14"½x3 Re	390	420	330	120	290	450	5715	4090	1940	1.37	254	11.4
16"x3 Re	425	450	430	120	290	550	6495	5145	1905	1.24	244	12.5

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