

Adjustable reamers are suitable for accurately finishing previously drilled holes to an exact size. The 6 hardened steel blades sit in tapered keyways and expand as they are repositioned along the length of the reamer body. Measuring across the blades along the Parallel Cutting Length (L3) with a micrometer checks adjustment progress of the reamer. Screwed end caps finally clamp the blades in the required finish size position.

Blade Hardness: HRC 62-66

Front End Pilot (L2): Short parallel length (L2) aids reamer line up with the drilled hole during cutting with the Tapered Lead

Taper Lead: Gradually increases the size of the original hole to the size of the final Parallel Cutting Length (L3)

Parallel Cutting Length (L3) Finish cuts hole to required size



All dimensions in millimetres

Code	Range Metric	Range Inch	L	L1	L2	L3	D	A/F
20-543-070	6.5-7.0	0.256 - 0.276	90	35	3	18	4.0	3.15
20-543-077	7.0-7.75	0.276 - 0.305	95	35	4	18	4.0	3.15
20-543-085	7.75-8.5	0.305 - 0.335	110	38	5	18	4.8	4.0
20-543-092	8.5-9.25	0.335 - 0.364	110	38	5	24	4.8	4.0
20-543-100	9.25-10.0	0.364 - 0.394	115	38	5	24	5.6	4.5
20-543-107	10.0-10.75	0.394 - 0.423	125	38	5	24	5.6	4.5
20-543-117	10.75-11.75	0.423 - 0.462	130	38	5	25	6.3	5.0
20-543-127	11.75-12.75	0.462 - 0.502	130	38	5	25	7.0	6.0
20-543-137	12.75-13.75	0.502 - 0.541	145	48	5	30	7.1	6.0
20-543-152	13.75-15.25	0.541 - 0.600	150	52	6	34	8.0	6.3
20-543-170	15.25-17.0	0.600 - 0.669	165	55	6	38	9.0	7.1
20-543-190	17.0-19.0	0.669 - 0.748	170	60	6	40	10.0	8.0
20-543-210	19.0-21.0	0.748 - 0.827	180	60	6	40	11.2	9.0
20-543-230	21.0-23.0	0.827 - 0.905	195	65	6	40	14.0	11.2
20-543-260	23.0-26.0	0.905 - 1.024	215	72	8	46	14.0	11.2
20-543-295	26.0-29.5	1.024 - 1.161	240	80	10	50	18.0	14.0

Adjustable Reamers

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Packed Weight and Dimensions

Code	Weight g	W mm	H mm	L mm
20-543-070	25	17	17	150
20-543-077	30	17	17	150
20-543-085	35	17	17	150
20-543-092	35	17	17	150
20-543-100	45	17	17	150
20-543-107	65	17	17	150
20-543-127	80	20	20	195
20-543-137	95	20	20	195
20-543-152	110	20	20	195
20-543-170	155	30	30	245
20-543-190	190	30	30	245
20-543-210	245	30	30	245
20-543-230	340	30	30	245
20-543-260	470	40	40	295
20-543-295	675	40	40	295