

Expandable or Solid Reamer?

Choose your diameter range and tolerance below to determine if an expandable or solid Diatool reamer is right for your application¹.



Ø (in)		Tolerance Range (in)			
Range		Expandable		?	Solid
Min	Max	Min	Max		Min
0.2362	0.3937	0	0.0005	*	0.0008
0.3937	0.7087	0	0.0007	*	0.0010
0.7087	1.1811	0	0.0008	*	0.0013
1.1811	1.9685	0	0.0009	*	0.0015
1.9685	3.1496	0	0.0011	*	0.0018
3.1496	4.7244	0	0.0013	*	0.0021
4.7244	7.0866	0	0.0015	*	0.0025

Ø (mm)		Tolerance Range (mm)			
Range		Expandable		?	Solid
Min	Max	Min	Max		Min
6	10	0	0.015	*	0.022
10	18	0	0.018	*	0.027
18	30	0	0.021	*	0.033
30	50	0	0.025	*	0.039
50	80	0	0.03	*	0.046
80	120	0	0.035	*	0.054
120	180	0	0.04	*	0.063

¹These are general recommendations when choosing a Diatool monoblock reamer

*Within these tolerances, a full application review is necessary to determine if an expandable or solid reamer is most appropriate.