

AN-815 Portable Hone

Hand Feed For Occasional Heavy-Duty Portable Honing

I.D. Range:
64 mm – 533 mm
2.5"–21"



AN-815 Portable Hone (includes 152 mm (6") Drive Shank, 305 mm (12") Shaft Extension, Universal Joint and Hone Head) shown assembled with single length master holder set and stone set. Requires 16 mm (5/8") chuck capacity for 63.5-127 mm (2.5"-5") diameter. Requires 19 mm (3/4") chuck capacity for 127-381 mm (5"-15") diameter. Requires 25.4 mm (1") chuck capacity for larger than 381 mm (15") diameter. See page 5.8 for repair parts.

Order 1-5 For Complete AN-815 Portable Hone

Diameter Range 64 mm - 533 mm 2.5" - 21"				1 Basic Hone	2 Master Holder Sets		3 Stone Support	4 Stone Set	5 Shaft Extension
General Purpose Stone Sets		Guideless and Keyway Stone Sets			Single Length	Double Length			
mm	in	mm	in						
64-140	2.5-5.5	64-142	2.5-5.6	AN-815	None	None	None	See tables on pages 5.15-5.16 for portable hone stone sets.	For holes longer than 508mm (20") see table below for Shaft Extensions.
104-160	4.1-6.3	114-165	4.5-6.5	AN-815	AN-345	None	None		
119-178	4.7-7.0	130-183	5.1-7.2	AN-815	AN-355	AN-855	None		
152-229	6.0-9.0	163-234	6.4-9.2	AN-815	AN-365	AN-865	AN-260		
206-305	8.1-12.0	213-310**	8.4-12.2**	AN-815	AN-375	AN-875	AN-280		
279-381	11.0-15.0	284-386**	11.2-15.2**	AN-815	AN-385	AN-885	AN-290		
356-457	14.0-18.0	363-465**	14.3-18.3**	AN-815*	AN-395	AN-895	AN-340		
432-533	17.0-21.0	437-538**	17.2-21.2**	AN-815*	AN-415	AN-915	AN-450		

* For light work only in this diameter range.

** Do not use WW (Guideless) Stone Sets in this range due to lack of stability.

Accessories

AN-670 Universal Joint



Order an additional Universal Joint when using the AN-815 in a drill press or other rigid stroking device.

Drive Shanks



mm	in	Part Number
76	3	AN-608A
152	6	AN-618A†

† Supplied with hone.

Shaft Extensions



mm	in	Part Number
152	6	AN-840
305	12	AN-841†
610	24	AN-842
1220	48	AN-844

AN-85 Quick Coupler

Provides instant coupling or uncoupling of hone from drive motor.

AN-97 Replacement Yoke Adapter



AN-89A Replacement Coupler Sleeve



Master Holder Sets

Stone



Single Length Master Holder

Stones



Double Length Master Holder

Stone Support



Master Holder Sets, listed in the table above, are used with Type W47, WW51 and WY51 Stone Sets. Double Length Master Holders require two stone sets—use when it is necessary to bridge interruptions in the bore. Each Master Holder Set consists of two holders for stones and two holders for guides.

Stone Supports are required to give rigidity to the hone assembly when honing bores larger than 178 mm (7") diameter.