

Stone Sets for Sunnen Portable Cylinder Honers




For Use in Cylinder Hone Models	Diameter Range		When Used In	Roughing Stone Set (70 Grit)	Finishing Stone Set (150 Grit)	Med. Finish Stone Set (220 Grit)	Fine Finish Stone Set (280 Grit)	Extra Fine Finish Stone Set (400 Grit)	Polishing Stone Set (600 Grit)	Stone Length	
	inches	mm								in	mm
SN Midget	1.75-2.0	44-51	Cast Iron	SN-100	SN-200	SN-300*	SN-500	S18-J87	S18-C05*	4	102
JN Junior	2.0-2.2	51-56	Cast Iron Hardened Sleeves	JN-100 JN-130	JN-200 JN-230	JN-300 -	JN-500 JN-530	T20-J87 T20-J85	T20-C05* T20-C05*	4 4	102 102
	2.2-2.4	56-61	Cast Iron Hardened Sleeves	JN-101 JN-131	JN-201 JN-231	JN-301 -	JN-501 JN-531	U22-J87 U22-J85	U22-C05* U22-C05*	4 4	102 102
	2.4-2.6	61-66	Cast Iron Hardened Sleeves	JN-102 JN-132	JN-202 JN-232	JN-302 -	JN-502 JN-532	V24-J87 V24-J85	V24-C05* V24-C05*	4 4	102 102
AN Standard and Heavy Duty	2.5-2.7	63-70	Cast Iron	AN-115	AN-215	G25-J55*	AN-515	G25-J87	G25-C05*	4	102
	2.7-4.1	69-104	Cast Iron Short C. Iron Cyls.	AN-100 AN-100-71	AN-200 AN-200-71	AN-300 AN-300-71	AN-500 AN-500-71	M27-J87 -	MM33-C05U -	4 2 ^{-13/16}	102 71
			Deutsch Diesel Cyls. VW Air Cooled Cyls. Harley Davidson Chilled Iron Liners	AN-100-F	-	-	-	-	-	4	102
			Hardened Sleeves Steel	AN-130 -	AN-230 AN-200A	- -	AN-530 AN-500A	M27-J85 M27-J87	MM33-C05† MM33-C05†	4 4	102 102
	3.5-5.5	89-139	Cast Iron Short C. Iron Cyls.	AN-101 AN-101-71	AN-201 AN-201-71	AN-301 AN-301-71	AN-501 AN-501-71	N37-J87 -	NN40-C05† -	4 2 ^{-13/16}	102 71
			Hardened Sleeves Steel	AN-131 -	AN-231 AN-201A	- -	AN-531 AN-501A	N37-J85 N37-J87	NN40-C05† NN40-C05†	4 4	102 102
4.7-15.0 ‡	119-381 ‡	Cast Iron Hardened Sleeves Steel	AN-106 AN-136 -	AN-206 AN-236 AN-206A	AN-306 - -	AN-506 AN-536 AN-506A	W47-J87 W47-J85 W47-J87	WW51-C05† WW51-C05† WW51-C05†	4 4 4	102 102 102	
AN Keyway	2.5-3.3	64-84	Ported Cylinders	GY25-J15*	GY25-J45	-	GY25-J65	GY25-J85	GY25-C05*	4	102
	3.3-4.2	84-107	Ported Cylinders	MY33-J15*	MY33-J45	-	MY33-J65	MY33-J85	MY33-C05*	4	102
	4.0-5.6	102-142	Ported Cylinders	NY40-J15*	NY40-J45	-	NY40-J65	NY40-J85	NY40-C05*	4	102
	4.5-6.0	114-152	Ported Cylinders	WY51-J15	WY51-J45	-	WY51-J85	WY51-J85	WY51-J95*	4	102
Approximate Surface Finish in Microinches (Ra)			Cast Iron	120	45	32	20	8	3	-	-
			Hardened Sleeves	55	30	20	12	5	2		
			Steel	-	32	20	15	7	3		

*Special, one week after receipt of order.

‡Range on these sets as follows: MM33-3.3"-4.2"(84-107 mm), NN40-4.0"-5.6" (102-142 mm), WW51-4.5"-9.2" (114-234 mm).

†Use this series of Stone Sets with Master Holder Sets and Stone Support (order right). Shipping Weight of all Stone Sets approximately 1-1/4 lbs. (1/2 kg) per Set.

Stone Supports and Master Holder Sets

For Use In All AN Model Cylinder Honers	Single Length Master Holder Sets			Stone Supports	Double Length Master Holder Sets			
	Range		Part Number		Part Number	Range		Part Number
	inches	mm	Ship Wt. 3 lbs (1,4 kg)		Ship Wt. 2-1/2 lbs. (1,1 kg)	inches	mm	Ship Wt. 5 lbs (2,3 kg)
	 For range 4.7"-15.0" (119-381 mm). One required for each range shown. Order stone sets separately.			 To provide stability and prevent chatter, stone supports must be used in diameters above 6.0" (152 mm). For use with both single length and double length Master Holder Sets.	 For range 4.7"-15.0" (119-381 mm). Uses two sets of stones in line for 8.0" (203 mm) stone length. One required for each range shown. Order stone sets separately.			
	4.7-7.0	119-178	AN-355	Not required	4.7-7.0	119-178	AN-855	
	6.0-9.0	152-229	AN-365	AN-260	6.0-9.0	152-229	AN-865	
	8.0-12.0	203-305	AN-375	AN-280	8.0-12.0	203-305	AN-875	
	11.0-15.0	279-381	AN-385	AN-290	11.0-15.0	279-381	AN-885	

PHT Plateau Honing Tools

Hone Body	For Diameter Range		Abrasive Sets (320 GRIT)
	Inches	mm	
SNJ	1.50-1.69	38,1-42,9	SNJ1-PHT-732
	1.67-1.86	42,4-47,2	SNJ2-PHT-732
	1.75-1.94	44,4-49,3	SNJ3-PHT-732
	1.91-2.10	48,5-53,3	SNJ4-PHT-732
	2.08-2.27	52,8-57,6	SNJ5-PHT-732
SN	2.15-2.40	54,6-60,9	SN-PHT-732

Hone Body	For Diameter Range		Abrasive Sets (320 GRIT)
	Inches	mm	
JN	2.40-2.60	60,9- 66,0	JN0-PHT-732
	2.60-2.80	66,0-71,1	JN1-PHT-731
	2.80-3.00	71,1-76,2	JN2-PHT-731
AN Standard and Heavy-Duty AN-60	2.98-3.78	75,7-96,0	GG-PHT-732
	3.78-4.68	96,0-118,9	MM-PHT-731
	4.48-6.08	113,8-154,4	NN-PHT-731
	4.98-9.68	126,5- 245,9	WW-PHT-731