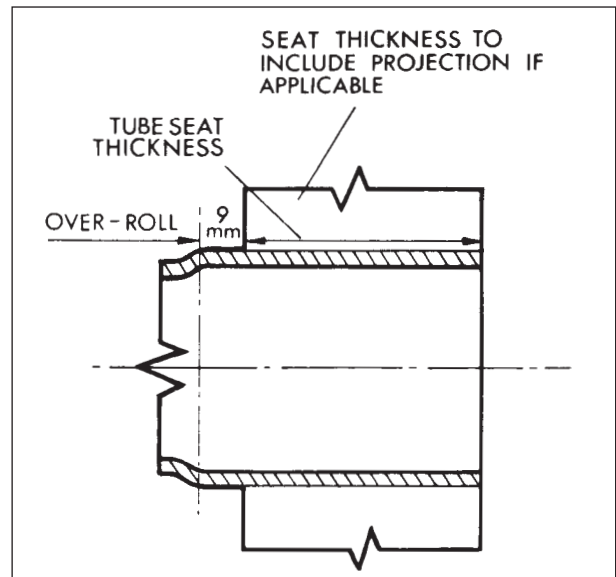
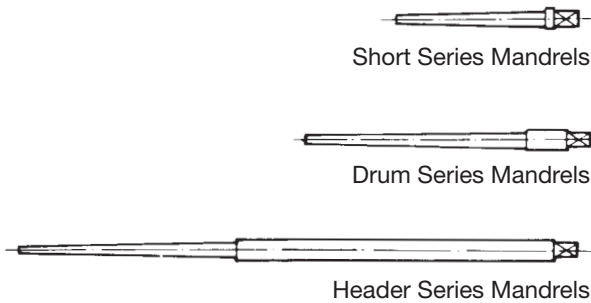


# 'A' Type

(continued)



Drum mandrels will be supplied unless header or short series mandrels are ordered.

MIN BORE TOOL ENTERS		Effective parallel rolling length			Mandrel Size ■	DRUM MANDREL	HEADER MANDREL	SHORT MANDREL	EXTRA SHORT MANDREL
		59mm 2.322"	69mm 2.716"	79mm 3.110"					
mm	inch	TOOL NUMBER			inch				
15	.591				3/8	DA1	HA1	SA1/2	ESA1/2/3
16	.630					225mm lg	450mm lg	145mm lg	125mm lg
17	.669					8.858" lg	17.717" lg	5.709" lg	4.921" lg
18	.709								
19	.748				3/8	DA2	HA2	SA3/4	ESA4/5/6
20	.787					255mm lg	450mm lg	160mm lg	135mm lg
21	.827					10.039" lg	17.717" lg	6.299" lg	5.315" lg
22	.866								
23.5	.925				1/2	DA3	HA3	SA5/6	ESA7/8/9
25	.984					255mm lg	450mm lg	160mm lg	135mm lg
27	1.063					10.039" lg	17.717" lg	6.299" lg	5.315" lg
29	1.142								
31	1.220				3/4	DA4	HA4	SA7/8	ESA10/11/12
33	1.300					350mm lg	500mm lg	214mm lg	174mm lg
35	1.378					13.780" lg	19.685" lg	8.425" lg	6.850" lg
37	1.457	A37/50	A37/60	A37/70	3/4	DA5	HA5	SA9/10	ESA13/14/15
40	1.575	A40/50	A40/60	A40/70		355mm lg	550mm lg	225mm lg	185mm lg
43	1.693	A43/50	A43/60	A43/70		13.976" lg	21.654" lg	8.858" lg	7.284" lg
46	1.811	A46/50	A46/60	A46/70					
49	1.930	A49/50	A49/60	A49/70	3/4	DA6	HA6	SA11/12	ESA16/17/18
52	2.047	A52/50	A52/60	A52/70		355mm lg	550mm lg	225mm lg	185mm lg
56	2.205	A56/50	A56/60	A56/70		13.976" lg	21.654" lg	8.858" lg	7.284" lg
60	2.362	A60/50	A60/60	A60/70					
64	2.520	A64/50	A64/60	A64/70	1	DA7	HA7	SA13/14	ESA19/20/21
68	2.678	A68/50	A68/60	A68/70		355mm lg	550mm lg	225mm lg	185mm lg
72	2.835	A72/50	A72/60	A72/70		13.976" lg	21.654" lg	8.858" lg	7.284" lg
76	2.992	A76/50	A76/60	A76/70					
80	3.149	A80/50	A80/60	A80/70	1	DA8	HA8	SA15/16	ESA22/23/24
84	3.307	A84/50	A84/60	A84/70		355mm lg	550mm lg	225mm lg	185mm lg
88	3.465	A88/50	A88/60	A88/70		13.976" lg	21.654" lg	8.858" lg	7.284" lg
92	3.622	A92/50	A92/60	A92/70					
96	3.780	A96/50	A96/60	A96/70	1	DA8	HA8	SA15/16	ESA22/23/24
100	3.937	A100/50	A100/60	A100/70		355mm lg	550mm lg	225mm lg	185mm lg