

CASTER AXLES

Here is a listing of almost all axles used in Hamilton Casters. Remember that for casters employing spanner bushings (see below), axle size is not the same as bearing size. All these axles and nuts are furnished zinc-plated.

The bolt-type axles used in the majority of casters are all supplied with lock-nuts. Certain of these are also available drilled for lubrication (caster specification charts indicate which models use these "Lube-type" axles).

The 1" and 1 1/4" axles listed in Chart 2 are threaded and drilled at both ends and come complete with slotted nuts and cotter pins. All are *Stressproof* alloy steel except the 3/4" and 1" axles used on pneumatic casters.

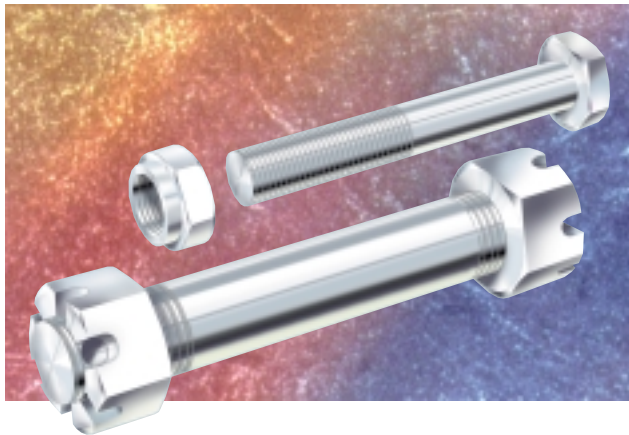


CHART 1

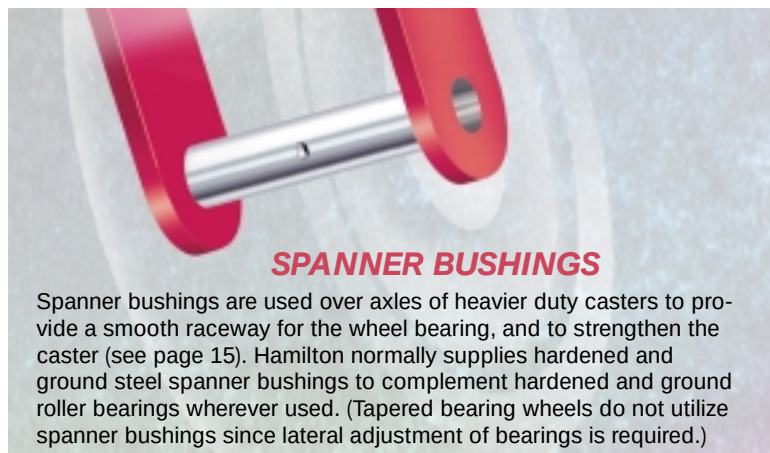
Size		BOLT-AND-NUT TYPE AXLES Used in Caster Series--	Catalog No.
Dia.	Length		
5/16	2	222 1/2	320110
5/16-3/8	2 3/8	300	320120
3/8	2 3/8	223	320220
	2 1/4	HL (except 3"), STL (D)	320260
7/16	2 3/4	224	320420
1/2	3	WW (except 8")	320560
	3 1/4	STA (D)	320580
	3 1/2	HS, WH, MS, GS, 52, 4000 (8") 8006, 8526/8208/8528, TG, TX, BC/PF, 3061, WW-8, UHS	320620
	3 3/4	—	320630
	4	3062, 3682	320640
	4 1/2	7008, 8008	320660
	5	5208, 5210; 7010, 8010 w/o brake; 7008, 8008 w/brake	320680
3/4	5 1/2	7010 & 8010 brake models	320700
	5	A, CH, EHD, ES, FM, 4010, 4012, 8410, 8412	320900
	5 1/2	70104	320920
	6	EHD (4" face), 7012, 70124	320940
	11	7210	321000
1	5	PSD (all)	321140
	5	UHD (lube-type)	321120
	7 1/2	7016, 70166	321160
	8 1/4	70188	321180
	9	MDD (3" face)	321200
1 1/4	5 1/2	MD (3" face wheels)	321420
	6 3/8	MD (4" face wheels)	321440
	7 3/8	MD (5" face wheels)	321460
	9 1/2	70210	321480
	11	70250	321500
	11 3/8	MDD (4" face wheels)	321520

◆ Shouldered Axle.

◆ Stainless Steel.

CHART 2

Size		AXLES THREADED WITH NUTS BOTH ENDS Used in Caster Series--	Catalog No.
Dia.	Length		
3/4	10 7/8	7208	C10400
1	11 3/8	MDD (4" face wheels)	C10410
	14 1/2	7212	C10420
	16 1/2	72166	C10440
	19	72188	C10460



SPANNER BUSHINGS

Spanner bushings are used over axles of heavier duty casters to provide a smooth raceway for the wheel bearing, and to strengthen the caster (see page 15). Hamilton normally supplies hardened and ground steel spanner bushings to complement hardened and ground roller bearings wherever used. (Tapered bearing wheels do not utilize spanner bushings since lateral adjustment of bearings is required.)

I.D.	O.D.	Length	Used in Caster Series--	Old Catalog No.	NEW Catalog No.
3/8	1/2	1 1/8	300 (with -TB)	SB-5B	340010
		1 1/8	HL (with -TB)	SB-5	340020
		1 1/16	STL	SSB-3	340040 ◆
		1 3/4	300, HL-4 (Oilless bearing)	SB-18	340050
	5/8	1 1/8	HL (with-TB)	SB-22	340070 ◆
		1 3/4	HL-4, HL-5	SB-17	340090 ◆
7/16	5/8	2	224	SB-12	340100 ◆
1/2	5/8	1 1/8	WW	SB-3	340120
			TX	SB-3D	340130 ◆
		2	3061	SB-20	340140 ◆
		2 7/8	3062, 3682	SB-21	340150
		2 1/2	WW-8	SB-6	340170 ◆
		2 1/2	—	SB-15	340180 ◆
	3/4	2 3/8	—	SB-7	340190 ◆
		2 7/8	STA	SSB-4	340200 ◆
		2 1/2	HS, WH, GS, MS, 52, 4000 (8"), 8006/8526/8208/8528, BC/PF, 62	SB-2	340210
			TG, UHS	SB-2D	340220 ◆
		3 3/8	7008, 8008	SB-8	340230
		4 1/8	5208, 5210, 7010, 8010	SB-9	340260
3/4	1	3 1/8	—	SB-27	340280
		3 3/8	EHD, CH, A, ES, FM, 8410/8412	SB-1	340290
		4 3/4	7012, EHD (4" face)	SB-19	340310
		2 5/8	—	SB-16	340320 ◆
1	1 1/4	3 3/8	UHD	SB-13	340275 ◆
		4 3/8	MDD	SB-14	340350
		3 3/8	MD & MDD (3" face wheels)	SB-24	340360
		4 3/8	MD & MDD (4" face wheels)	SB-26	340370

◆ Stainless Steel.

◆ Includes cross-drilled hole for use with Lube-type axles. Drilling of other sizes may be specified at extra cost.