

Providing Engineered Solutions for Your Plastic Component Needs

#### **Products**

- Knobs
- Handles
- Instrument Cases & Covers
- Handwheels
- Two Shot / Soft Touch

# Octagonal, Dominator & Leo Knobs

The Octagonal series is one of Davies' most complete families of clamping knobs. Textured thermoplastic with a domed top, a recessed top for an inlay, and a thru-hole for extended adjustments in clamping.

The Dominator series is our largest knob for serious clamping needs. Specially designed for superior strength and dependability.

The Leo will provide rock solid performance, and is also very comfortable to handle. This knob has a glossy finish and can have a pointer added at various lengths. Please see the chart below for exact specifications.

- Varieties available in both thermoplastic and phenolic materials.
- Sizes ranging from 1-3/8" to 3-23/32" in diameter.
- Female insert, projecting stud, thru-hole and molded hole options are available. Please see the chart below for a complete list of our capabilities for each part number.
- Knobs can be decorated or customized to your specific need.
- Can't find what you're looking for? <u>Contact us</u> today to learn about our <u>custom molding</u> options.

### **Octagonal Knobs**



4200/4210/4230/4240 without thru-hole

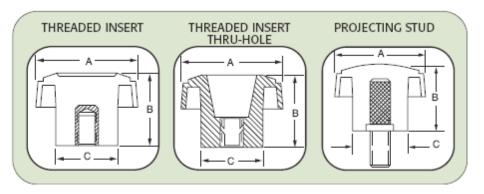


4202/4212/4232/4242 with thru-hole



4201/4211/4231/4241 with and without inlay

Part No.	Recess on Top Diameter
4201	1.89
4211	1.00
4231	1.52
4241	2.13



								F				le d nse								re: le												e ma			
		А	В		C	Г		П	$\Box$	-		÷	Τ	Γ		П	Т	Τ	Τ	α	4							Т	Τ		0 4			П	_
Material Type	Part No.	Dia.	Current Part Height	Part Height Capab.	Hub Dia.	8-32	10-24	10-32	1/4-20	1/4-28	5/16-1	5/16-2	3/8-24	1-2/13	1/2-20	8-32	10-24	252	02-4/1	5/16-1	5/16-2	3/8-16	3/8-24	1-2/13	1/2-20	8-35	10-24	10-32	02-4/1	97-6/1	2/16-2	3/8-16	3/8-24	1-2/13	1/2-20
TP	4200	1 3/8	55/64	.859-1.000	11/16	Δ				Δ	•	A.	A	Α	▲	Δ								Δ	▲			$\perp$	$\perp$	Ι	Ι	oxdot			_
TP	4201	1 3/8	13/16	.8125-1.000	11/16	Δ				Δ		Δ.	A	Δ	▲	Δ								Δ	<u>.</u>										
TP	4202	1 3/8	27/32	.843-1.000	11/16																					Δ			1	h,	A		▲	▲	Δ.
TP	4210	1 3/4	1 9/32	N/A	1 1/16	Δ				Δ				Δ	Δ	4	<u> </u>	h.						Δ	▲				$\perp$			$\perp$			
TP	4211	1 3/4	1 7/32	N/A	1 1/16	Δ				Δ				Δ	▲	Δ.	<b>A</b>	h,						Δ	▲										
TP	4212	1 3/4	1 7/32	N/A	1 1/16			П					Τ					Τ	Τ	Τ						Δ			1	A.				▲	<u>.</u>
TP	4230	2 3/8	1 11/32, 1 23/32	1.344-1.875	47/64, 1 1/4	*	<b>A</b>	A	•	A	•	A.			<b>A</b>	4	<b>A</b>	h.																	
TP	4231	2 3/8	15/16, 1 1/4	.938-1.375	47/64, 1 1/4	^	<b>A</b>	^	•	A	•	<b>A.</b>			<b>A</b>	<b>A</b>	<b>A</b>	h.																	
TP	4232	2 3/8	1 5/16	N/A	1 1/4			П			Т		Τ			П		Τ	Τ	Τ	Γ	Г				Δ	Δ.	Δ.	1	A.	Α				<u>.</u>
TP	4240	3 1/4	1 29/32	N/A	2											П	$\Box$	ı										T	T	Ι	Τ	Γ		П	_
TP	4241	3 1/4	1 49/64	N/A	2																							I			$oxed{\Box}$	$\Box$			_
TP	4242	3 1/4	1 29/32, 1 59/64	N/A	2														I							A	<u>.</u>	Δ.	1	h.		L.			_

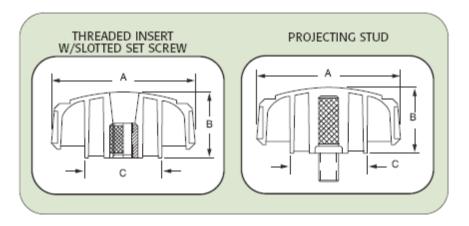
<sup>\*</sup> For parts with male studs. LENGTH projecting below knob must be specified.

— Currently Manufacture/Tooled

— Could Manufacture/Requires Tooling
TS Thermoset
TP Thermoplastic

### **Dominator Knobs**





						Threaded Female Insert								Threaded Male Stud*															na le Iole					
		А	В		C		Γ	П	T	00	4		П	Τ	Τ	Γ				ω,	4	Τ	Τ	Τ	Г	Γ	Γ	Γ		8	4	Τ	Τ	T
Material Type	Part No.	Dia.	Current Part Height	Part Height Capab.	Hub Dia.	ę	10-24	10-32	1/4-20	5/16-1	5/16-2	3/8-16			ųΫ	10-24	3	1/4-20	1/4-28	- 0	ij,	0/0-10/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0	bc	1/2-20	8-32	10-24	12	4	/4-28	/16-1	/16-2	3/8-16	3/0-24	1/2-20
TP	3340	1 7/8	53/64	N/A	1	<b>A</b>	Δ	Δ		A	Δ		<b>A</b>	Т	Α		A							Γ	Γ	Г						Ι	Τ	$\top$
TP	3341	1 7/8	53/64	N/A	1		Γ	П	Т	Т	Γ	П	П	Т	Τ	Γ		П		Т	Т	Τ	Τ	Т	Δ	Α	Δ		Α		Δ	1	Δ.	Т
TP	3350	2 9/16	1 1/8	N/A	1 3/8	<b>A</b>	Δ	Δ		A	Δ		Δ		A		Δ						4	A		Г			П			Ι	T	$\top$
TP	3351	2 9/16	1 1/8	N/A	1 3/8			П		$\top$		П		T									Τ		Δ	Α	Δ		Α		<b>A</b>	1	A	
TP	3370	3 23/32	1 21/32	N/A	2	<b>A</b>	Δ	Δ		A	Δ		Δ		A		A	Δ	A		1	A A	N/A	A								$\perp$	T	oxdot
TP	3371	3 23/32	1 21/32	N/A	2					$\perp$				$\perp$	$\perp$							$\perp$	$\perp$	$\perp$	Α	Δ	Δ		Δ		<u>.</u>	1	Α.	

<sup>\*</sup> For parts with male studs. LENGTH projecting below knob must be specified.

Currently Manufacture/Tooled

Could Manufacture/Requires Tooling
TS Thermoset
TP Thermoplastic

## **Leo Knobs**



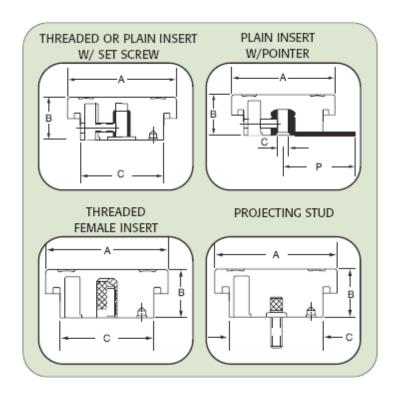
4100/4101/4102/4103



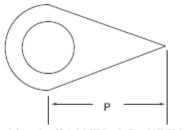
with Pointer



with Decorative Inlay



Specif	y Part Nun	nbers and	Pointer Le	ength
"P"	Poi	nter Ad	aptable	to
Length	4100	4101	4102	4103
5/8				
3/4				
7/8				
1-1/16				
1-3/16				
1-1/4				
1-9/16				



Pointer Information: Material: White vinylite, .040" thick. Assembly: Spun tight to brass insert. Specials: Available upon request.

												Threaded Female Insert							Thre aded Male Stud*										mal se r	le N	Plai Nobi Hol	led	ive Stem
		А	В		С				_		240			4	8	200				2 0	8	54			4 5	2			83/8	0/03	0		e Va
Material Type	Part No.	Dia.	Current Part Height	Part Height Capab.	Hub Dia.	8-32	52	10-32	1/4-2/	1/4-22	bleb	3/8-16	Ģ	ψl	7/16-2	12/2	8-32	10-24	9	1/4-6/	5/16-1	5/16/2	3/8-16	3/8-2/	7/16/7	1-2/13	1/2-20	支		<u>प्र</u>			Squar
TS	4100	1 1/8	5/8	13/16	9/16	▲	Δ		•	A 4	A		Δ	<b>A</b>	<b>A</b>	A A		▲			Δ	Δ	<b>A</b>	<b>A</b>	A 4	A			<b>A</b>	A.		<b>A</b>	
TS	4101	1 3/8	11/16	13/16	9/16	A	Δ	A		A 4	A	A	Δ	<b>A</b>	Δ.	A A	A			A A		Δ	<b>A</b>	Δ.	A A	A			<b>A</b>	A.			
TS	4102	1 5/8	3/4	1 1/8	5/8	A	Δ	A		A 4	A	A	Δ	<b>A</b>	Δ.	A A	A	Δ	A						A A	A			<b>A</b>				
TS	4103	2 3/8	27/32	1 3/4	47/64	▲	A	A		A 4	A A		Δ	<b>A</b>	<u> </u>	A A		Δ	A					•	A 4	L					A		

For parts with male studs. LENGTH projecting below knob must be specified. Currently Manufacture/Tooled Could Manufacture/Requires Tooling Thermoset

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<sup>■</sup> Currently Manu ▲ Could Manufact TS Thermoset TP Thermoplastic