Fluorescent tube diameter designation comparison

Tube diameter designations		Tube diameter measurements		Extra	
Imperial-based	**Metric-based**	**Inches**	**Millimeters**	**Socket**	**Notes**
T2	*N/A*	$^{2}/_{8}$" approx	7		Osram's *Fluorescent Miniature* (FM) tubes only
T4	*N/A*	$^{4}/_{8}$"	12	G5 bipin	Slim lamps. Power ratings and lengths not standardized (and not the same) between different manufacturers
T5	T16	$^{5}/_{8}$"	15.875	G5 bipin	Original 4–13 W range from 1950s or earlier.[30] Two newer ranges *high efficiency* (HE) 14–35 W, and *high output* (HO) 24–80 W introduced in the 1990s[31]
T8	T26	$^{8}/_{8}$" 1"	25.4	G13 bipin/Single Pin/Recessed Double contact	From the 1930s,[32] more common since the 1980s.[33]
T9	T29	$^{9}/_{8}$" $1^{1}/_{8}$"	28.575		Circular fluorescent tubes only
T12	T38	$^{12}/_{8}$" $1^{1}/_{2}$"	38.1	G13 bipin/single pin, recessed double contact	Also from the 1930s, not as efficient as new lamps.[34]
PG17	*N/A*	$^{17}/_{8}$" $2^{1}/_{8}$"	53.975	Recessed Double Contact	General Electric's *Power Groove* tubes only