











**BS8888 Symbols (BS EN ISO 1101)**

Table 16: Symbols for Geometrical Characteristics

Tolerances	Characteristics	Symbol	Datum Needed
<b>Form</b>	Straightness	—	NO
	Flatness		NO
	Roundness	○	NO
	Cylindricity		NO
	Profile any Line		NO
	Profile any Surface		NO
<b>Orientation</b>	Parallelism	//	YES
	Perpendicularity	⊥	YES
	Angularity	∠	YES
	Profile any Line		YES
	Profile any Surface		YES
<b>Location</b>	Position	⊕	YES or NO
	Concentricity (for centre points)	⊙	YES
	Coaxialty (for axes)	⊙	YES
	Symmetry	≡	YES
	Profile any Line		YES
	Profile any Surface		YES
<b>Run-out</b>	Circular Run-Out		NO
	Total Run-Out		YES