

SPECIFICATIONS & SIZES

SLEEVE DIMENSIONS

The principal dimensions of a EuroGrip™ sleeve are

- sleeve outside diameter;
- sleeve length;
- total coupling length.

Gates EuroGrip™ couplings are made in sizes 19, 28, 42, 48 and 60.

Table 3

Coupling Size Code	Nominal shaft mm	Sleeve OD mm	Sleeve length mm	Sleeve weight g	Coupling total length mm
19	19	46	28	35	48
28	28	77	38	106	60
42	42	102	48	225	80
48	48	126	58	410	94
60	60	150	65	715	105



END PIECE DIMENSIONS

The principal dimensions of a EuroGrip™ end piece are

- taper bush size;
- bore;
- end piece length;
- shoulder diameter.

Table 4

Coupling size code	Taper Bush size PB ⁽²⁾	Standard bore mm	End piece length mm	Shoulder diameter mm	Shoulder thickness mm	Over tooth diameter mm	Inertia J kgm ²	Weight nom. bore g
19 ⁽¹⁾	PB	14 / 19	22	42	9	36	0.000009	44
28	1108	24 / 28	28	72	11	62	0.000105	182
42	1615	38 / 42	38	96	16	84	0.000469	426
48	2017	48	45	118	18	104	0.001330	812
60	2517	55 / 60	50	136	20	120	0.002572	1145

⁽¹⁾ Size 19 available with bore and key only. All other EuroGrip™ couplings (sizes 28, 42, 48 and 60) available with bore and key or to suit taper bush. Size 28 with 1108 taper bush requires a shallow key.

⁽²⁾ PB = Plain Bore.

Note: End pieces are keyed according to ISO. Bore is to tolerance H7 fit (ISO). Endpieces are also available with unfinished bore.



PART NUMBERS

Table 5

Coupling	Part	Part number	Part	Part number
19	Sleeve	9901-51901	14 mm bore end piece	9902-51914
			19 mm bore end piece	9902-51919
28	Sleeve	9901-52801	24 mm bore end piece	9902-52824
			End piece for taper bush	9902-52801
42	Sleeve	9901-54201	38 mm bore end piece	9902-54238
			End piece for taper bush	9902-54201
48	Sleeve	9901-54801	48 mm bore end piece	9902-54848
			End piece for taper bush	9902-54801
60	Sleeve	9901-56001	55 mm bore end piece	9902-56055
			End piece for taper bush	9902-56001