



**BRITISH STANDARD PIPE FASTENER**  
**"G" series, BSPF, BSP (Medium Class)**

Nom Size	Major T.P.I	Basic Dia. mm	Effective Dia. mm	Max Core Dia mm	Fluteless Tapping Drill Size mm	Tapping Drill Size mm
1/16	28	7.722	7.142	6.843		6.80
1/8	28	9.728	9.147	8.848	9.25	8.80
1/4	19	13.157	12.301	11.890	12.60	11.80
3/8	19	16.662	15.806	15.395	16.10	15.25
1/2	14	20.955	19.794	19.172		19.00
5/8	14	22.911	21.750	21.128		21.00
3/4	14	26.441	25.279	24.658		24.50
7/8	14	30.201	29.040	28.418		28.25
1"	11	33.249	31.770	30.931		30.75
1-1/4	11	41.910	40.431	39.592		39.50
1-1/2	11	47.803	46.324	45.485		45.00
1-3/4	11	53.746	52.268	51.428		51.00
2"	11	59.614	58.135	57.296		57.00
2-1/4	11	65.710	64.232			62.75
2-1/2	11	75.184	73.705			72.50

**Rp (BSP Pi)**

reduced effective diameter for BS 21 Gas fittings

Nom Size	T.P.I	Major MINIMUM Dia mm	Special Effective Taper Gauge		Max Core diameter mm	Tapping Drill Size mm
			Nom mm	turns of gauge		
1/8	28	9.685	9.147	±1%	8.637	8.60
1/4	19	13.094	12.301	±1%	11.549	11.50
3/8	19	16.503	15.806	±1%	15.054	15.00
1/2	14	20.869	19.794	±1%	18.773	18.75
3/4	14	26.355	25.281	±1%	24.259	24.25
1"	11	33.140	31.770	±1%	30.471	30.40
1-1/4	11	41.801	40.432	±1%	39.132	39.00
1-1/2	11	47.694	46.325	±1%	45.025	45.00
2"	11	59.505	58.136	±1%	56.836	56.75

Taps for Rp are supplied only to special order.  
 these are made to a negative tolerance on the Nominal  
 Parallel tapped hole - use tapered notch gauge