

# S. A. E. SHORT — P. T. F.

## 1½ To 2 Thds Chmf

SIZE	6 P. Min. 7 P. Max. Table B5 <sub>1</sub>		Small End	Large End	Internal Hole Depth Minus 1 P. Table 4 <sub>1</sub>	Width of Root (Max.)	Width of Crest *
	Proj.	Run					
¼—27	.2405 ±.019	.4005	.2857	.3326	.4194	.004	.004 .006
⅜—27	.2405 ±.019	.4205	.3781	.4250	.4208	.004	.004 .006
¼—18	.3610 ±.028	.5610	.4993	.5657	.6167	.005	.005 .007
⅜—18	.3610 ±.028	.6010	.6338	.7002	.6289	.005	.005 .007
½—14	.4645 ±.036	.7845	.7864	.8723	.8201	.005	.005 .007
¾—14	.4645 ±.036	.8035	.9957	1.0816	.8391	.005	.005 .007
1 —11½	.5652 ±.044	.9652	1.2478	1.3572	1.0087	.006	.006 .009
1¼—11½	.5652 ±.044	.9852	1.5913	1.7007	1.0287	.006	.006 .009
1½—11½	.5652 ±.044	.9852	1.8302	1.9396	1.0287	.006	.006 .009
2 —11½	.5652 ±.044	1.0012	2.3032	2.4126	1.0447	.006	.006 .009
2½— 8	.8125 ±.062	1.4945	2.7688	2.9290	1.5570	.008	.008 .011
3 — 8	.8125 ±.062	1.5785	3.3899	3.5540	1.6410	.008	.008 .011

\* Do not use for G. M. (See G. M. Crest Spec's.)

1 Reference S. A. E. Handbook 1953

\* In some applications, where space restrictions exist, or other factors make it advisable to use shorter thread engagement than provided by the American Standard Dryseal Thread, the (SAE Short) PTF, thread is used.

The form, taper and general specifications are the same as NPTF threads except that one thread has been eliminated from the small end of the external thread while the internal thread is shortened by eliminating one thread at the large end.

(SAE Short) PTF external threads are intended for assembly with Dryseal Intermediate internal straight pipe threads (NPSI). They will also assemble with American Standard Dryseal Taper pipe internal threads (NPTF). They are not designed for and may not assemble with (SAE Short) PTF internal threads.

The (SAE Short) PTF internal thread is intended only for assembly with American Standard Dryseal Taper Pipe external thread (NPTF).

Taps. (SAE Short) PTF Taps are made oversize on the pitch diameter so that the length from the gage line to the front of the Tap is shorter than standard.