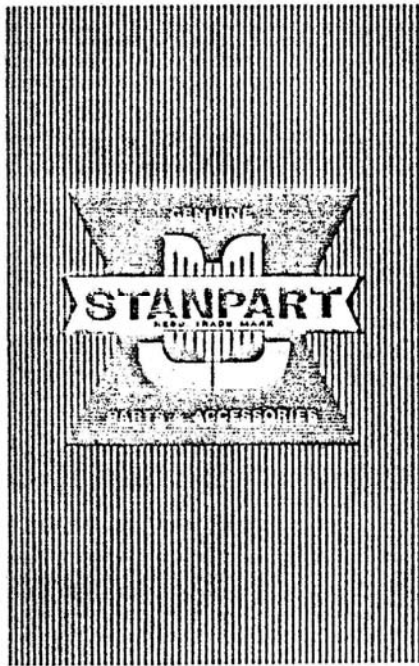


Publication Part No. 51424



HARDWARE CATALOGUE

for use with
**STANDARD
TRIUMPH
VEHICLES**



STANDARD-TRIUMPH SALES LTD.
A MEMBER OF THE LEYLAND MOTOR CORPORATION
SPARES DIVISION • FLETCHAMSTEAD HIGHWAY
COVENTRY • ENGLAND

FOREWORD

This catalogue has been compiled to assist in the identification of standard attachment details used in the manufacture of Standard-Triumph products.

Details listed herein are manufactured to the current SAE (American), B.S. (British) or Unified (International) specifications. Proprietary parts, such as Simmonds Nuts, Corbin Clips, Shakeproof Washers, etc., are supplied to the Manufacturer's normal specification.

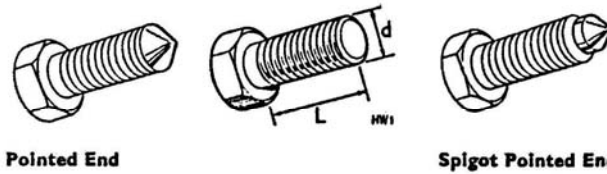
Part Numbers for Standard Parts are composed of **two Prefix letters and Four figures** except for the 'V' series which have **One Prefix letter and Four figures**, and the 'SP' series which is a **combination of figures and letters** e.g. "SP21FI".

Parts which deviate in any respect from the above specifications, i.e. in thread form, size or finish, are classed as NON-STANDARD and have Part Numbers composed of **five or six figures and no letters**. Non-Standard parts are not included in this catalogue, but are listed in the respective Vehicle Spare Parts Catalogues.

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BOLT — HEXAGON HEAD



ABBREVIATIONS

d = Diameter	Suffix 'P' denotes Pointed End	L = Length
NC = National Coarse Thread	BSF = British Standard Fine Thread	UNC = Unified Coarse Thread
NF = National Fine Thread	Suffix 'D' denotes Spigot Pointed End	UNF = Unified Fine Thread

BH

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
BH0502	No. 10 N.F.	½"	BH0855	⅜" N.C.	½"
BH0503	No. 10 N.F.	¾"	BH0856	⅜" N.C.	¾"
BH0504	No. 10 N.F.	1"	BH0857	⅜" N.C.	1"
BH0505	No. 10 N.F.	1 ¼"	BH0858	⅜" N.C.	1 ¼"
BH0507	No. 10 N.F.	1 ½"	BH0859	⅜" N.C.	1 ½"
BH0509	No. 10 N.F.	1 ¾"	BH0860	⅜" N.C.	1 ¾"
BH0604	No. 12 N.F.	1"	BH0861	⅜" N.C.	1 ¾"
BH0704	½" N.F.	1"	BH0862	⅜" N.C.	1 ¾"
BH0705	½" N.F.	1 ¼"	BH0863	⅜" N.C.	1 ¾"
BH0706	½" N.F.	1 ½"	BH0865	⅜" N.C.	1 ¾"
BH0707	½" N.F.	1 ¾"	BH0867	⅜" N.C.	2 ¼"
BH0708	½" N.F.	1"	BH0868	⅜" N.C.	2 ¼"
BH0709	½" N.F.	1 ¼"	BH0869	⅜" N.C.	2 ¼"
BH0710	½" N.F.	1 ½"	BH0870	⅜" N.C.	2 ¼"
BH0711	½" N.F.	1 ¾"	BH0871	⅜" N.C.	2 ¾"
BH0712	½" N.F.	1 ¾"	BH0872	⅜" N.C.	2 ¾"
BH0720	½" N.F.	2 ¼"	BH0873	⅜" N.C.	2 ¾"
BH0754	½" N.C.	1"	BH0874	⅜" N.C.	3"
BH0755	½" N.C.	1 ¼"	BH0875	⅜" N.C.	3 ¼"
BH0756	½" N.C.	1 ½"	BH0879	⅜" N.C.	3 ¾"
BH0757	½" N.C.	1 ¾"	BH0882	⅜" N.C.	4"
BH0758	½" N.C.	1"	BH0885	⅜" N.C.	4 ¾"
BH0760	½" N.C.	1 ¼"	BH0891	⅜" N.C.	5 ¼"
BH0764	½" N.C.	1 ½"	BH0894	⅜" N.C.	5 ¼"
BH0769	½" N.C.	2 ¼"	BH0903	⅜" N.F.	¾"
BH0804	⅜" N.F.	1"	BH0905	⅜" N.F.	¾"
BH0805	⅜" N.F.	1 ¼"	BH0906	⅜" N.F.	¾"
BH0806	⅜" N.F.	1 ½"	BH0907	⅜" N.F.	¾"
BH0807	⅜" N.F.	1 ¾"	BH0908	⅜" N.F.	1"
BH0808	⅜" N.F.	1"	BH0909	⅜" N.F.	1 ¼"
BH0809	⅜" N.F.	1 ¼"	BH0910	⅜" N.F.	1 ¼"
BH0810	⅜" N.F.	1 ½"	BH0911	⅜" N.F.	1 ¾"
BH0811	⅜" N.F.	1 ¾"	BH0913	⅜" N.F.	1 ¾"
BH0812	⅜" N.F.	1 ¾"	BH0915	⅜" N.F.	1 ¾"
BH0812P	⅜" N.F.	1 ¾"	BH0916	⅜" N.F.	2"
BH0813	⅜" N.F.	1 ¾"	BH0917	⅜" N.F.	2 ¼"
BH0815	⅜" N.F.	1 ¾"	BH0924	⅜" N.F.	3"
BH0816	⅜" N.F.	2"	BH0925	⅜" N.F.	3 ¼"
BH0817	⅜" N.F.	2 ¼"	BH0926	⅜" N.F.	3 ¾"
BH0818	⅜" N.F.	2 ½"	BH0929	⅜" N.F.	3 ¾"
BH0819	⅜" N.F.	2 ¾"	BH0930	⅜" N.F.	3 ¾"
BH0820	⅜" N.F.	2 ¾"	BH0937	⅜" N.F.	4 ¾"
BH0822	⅜" N.F.	2 ¾"	BH0958	⅜" N.F.	1"
BH0825	⅜" N.F.	3 ¼"	BH0959	⅜" N.C.	1 ¼"
BH0853	⅜" N.C.	¾"	BH0960	⅜" N.C.	1 ¼"
BH0854	⅜" N.C.	1"	BH0964	⅜" N.C.	1 ¾"

BOLT — HEXAGON HEAD (Continued)

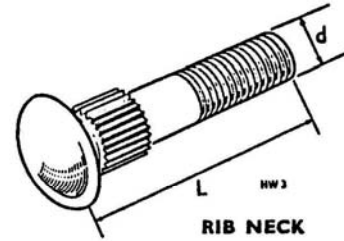
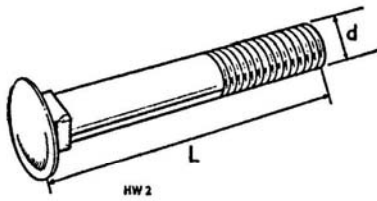
HB

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
BH0967	$\frac{1}{8}$ " N.C.	2 $\frac{1}{2}$ "	HB0813	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "
BH0968	$\frac{1}{8}$ " N.C.	2 $\frac{1}{2}$ "	HB0814	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "
BH0971	$\frac{1}{8}$ " N.C.	2 $\frac{3}{4}$ "	HB0815	$\frac{7}{16}$ " U.N.F.	1 $\frac{3}{4}$ "
BH0972	$\frac{1}{8}$ " N.C.	2 $\frac{3}{4}$ "	HB0816	$\frac{7}{16}$ " U.N.F.	2"
BH0973	$\frac{1}{8}$ " N.C.	2 $\frac{3}{4}$ "	HB0817	$\frac{7}{16}$ " U.N.F.	2 $\frac{1}{4}$ "
BH0974	$\frac{1}{8}$ " N.C.	3"	HB0818	$\frac{7}{16}$ " U.N.F.	2 $\frac{1}{2}$ "
BH0983	$\frac{1}{8}$ " N.C.	4 $\frac{1}{4}$ "	HB0819	$\frac{7}{16}$ " U.N.F.	2 $\frac{1}{2}$ "
BH0984	$\frac{1}{8}$ " N.C.	4 $\frac{1}{4}$ "	HB0820	$\frac{7}{16}$ " U.N.F.	2 $\frac{1}{2}$ "
BH1008	$\frac{7}{16}$ " N.F.	1"	HB0821	$\frac{7}{16}$ " U.N.F.	2 $\frac{1}{2}$ "
BH1009	$\frac{7}{16}$ " N.F.	1 $\frac{1}{4}$ "	HB0822	$\frac{7}{16}$ " U.N.F.	2 $\frac{3}{4}$ "
BH1011	$\frac{7}{16}$ " N.F.	1 $\frac{1}{4}$ "	HB0823	$\frac{7}{16}$ " U.N.F.	2 $\frac{3}{4}$ "
BH1012	$\frac{7}{16}$ " N.F.	1 $\frac{1}{4}$ "	HB0824	$\frac{7}{16}$ " U.N.F.	3"
BH1014	$\frac{7}{16}$ " N.F.	1 $\frac{1}{4}$ "	HB0825	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1016	$\frac{7}{16}$ " N.F.	2"	HB0826D	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1017	$\frac{7}{16}$ " N.F.	2 $\frac{1}{4}$ "	HB0826P	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1018	$\frac{7}{16}$ " N.F.	2 $\frac{1}{4}$ "	HB0827	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1021	$\frac{7}{16}$ " N.F.	2 $\frac{3}{4}$ "	HB0828	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1038	$\frac{7}{16}$ " N.F.	4 $\frac{1}{2}$ "	HB0829	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1059	$\frac{7}{16}$ " N.C.	1 $\frac{1}{2}$ "	HB0830	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1060	$\frac{7}{16}$ " N.C.	1 $\frac{1}{2}$ "	HB0831	$\frac{7}{16}$ " U.N.F.	3 $\frac{1}{4}$ "
BH1061	$\frac{7}{16}$ " N.C.	1 $\frac{1}{2}$ "	HB0832D	$\frac{7}{16}$ " U.N.F.	4"
BH1067	$\frac{7}{16}$ " N.C.	2 $\frac{1}{4}$ "	HB0832P	$\frac{7}{16}$ " U.N.F.	4"
BH1108	$\frac{1}{2}$ " N.F.	1"	HB0834P	$\frac{7}{16}$ " U.N.F.	4 $\frac{1}{4}$ "
BH1260	$\frac{7}{16}$ " N.C.	1 $\frac{1}{4}$ "	HB0842	$\frac{7}{16}$ " U.N.F.	5 $\frac{1}{2}$ "
BH1310	$\frac{1}{2}$ " N.F.	1 $\frac{1}{4}$ "	HB0856	$\frac{1}{2}$ " U.N.C.	2"
BH1311	$\frac{1}{2}$ " N.F.	1 $\frac{1}{4}$ "	HB0858	$\frac{1}{2}$ " U.N.C.	1"
BH1322	$\frac{1}{2}$ " N.F.	2 $\frac{1}{4}$ "	HB0859	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{4}$ "
HB0506	No. 10 U.N.F.	2"	HB0860	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{4}$ "
HB0508	No. 10 U.N.F.	1"	HB0861	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{4}$ "
HB0510	No. 10 U.N.F.	1 $\frac{1}{4}$ "	HB0862	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{4}$ "
HB0512	No. 10 U.N.F.	1 $\frac{1}{4}$ "	HB0863	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{4}$ "
HB0706	$\frac{1}{2}$ " U.N.F.	2"	HB0864	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{4}$ "
HB0707P	$\frac{1}{2}$ " U.N.F.	2"	HB0865	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{4}$ "
HB0708	$\frac{1}{2}$ " U.N.F.	1"	HB0866	$\frac{1}{2}$ " U.N.C.	2"
HB0708P	$\frac{1}{2}$ " U.N.F.	1"	HB0867	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "
HB0709	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0868	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "
HB0710	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0869	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "
HB0710D	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0870	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "
HB0710P	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0871	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "
HB0711	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0872	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "
HB0711P	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0873	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "
HB0712	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0874	$\frac{1}{2}$ " U.N.C.	3"
HB0712P	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0875	$\frac{1}{2}$ " U.N.C.	3 $\frac{1}{4}$ "
HB0713	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0876	$\frac{1}{2}$ " U.N.C.	3 $\frac{1}{4}$ "
HB0714	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0877	$\frac{1}{2}$ " U.N.C.	3 $\frac{1}{4}$ "
HB0714P	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0878	$\frac{1}{2}$ " U.N.C.	3 $\frac{1}{4}$ "
HB0716	$\frac{1}{2}$ " U.N.F.	2"	HB0879	$\frac{1}{2}$ " U.N.C.	3 $\frac{1}{4}$ "
HB0717	$\frac{1}{2}$ " U.N.F.	2 $\frac{1}{4}$ "	HB0880	$\frac{1}{2}$ " U.N.C.	3 $\frac{1}{4}$ "
HB0717P	$\frac{1}{2}$ " U.N.F.	2 $\frac{1}{4}$ "	HB0881	$\frac{1}{2}$ " U.N.C.	3 $\frac{1}{4}$ "
HB0719P	$\frac{1}{2}$ " U.N.F.	2 $\frac{3}{4}$ "	HB0882	$\frac{1}{2}$ " U.N.C.	4"
HB0720	$\frac{1}{2}$ " U.N.F.	2 $\frac{3}{4}$ "	HB0885	$\frac{1}{2}$ " U.N.C.	4 $\frac{1}{4}$ "
HB0724	$\frac{1}{2}$ " U.N.F.	3"	HB0889	$\frac{1}{2}$ " U.N.C.	4 $\frac{1}{4}$ "
HB0726	$\frac{1}{2}$ " U.N.F.	3 $\frac{1}{4}$ "	HB0890	$\frac{1}{2}$ " U.N.C.	5"
HB0727	$\frac{1}{2}$ " U.N.F.	3 $\frac{1}{4}$ "	HB0891	$\frac{1}{2}$ " U.N.C.	5 $\frac{1}{4}$ "
HB0730	$\frac{1}{2}$ " U.N.F.	3 $\frac{1}{4}$ "	HB0894	$\frac{1}{2}$ " U.N.C.	5 $\frac{1}{4}$ "
HB0758	$\frac{1}{2}$ " U.N.C.	1"	HB0906	$\frac{3}{8}$ " U.N.F.	2"
HB0804	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0907	$\frac{3}{8}$ " U.N.F.	2"
HB0805	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0908	$\frac{3}{8}$ " U.N.F.	1"
HB0806	$\frac{7}{16}$ " U.N.F.	2"	HB0909	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "
HB0807	$\frac{7}{16}$ " U.N.F.	2"	HB0910	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "
HB0808	$\frac{7}{16}$ " U.N.F.	1"	HB0911	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "
HB0809	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0912	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "
HB0810	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0913	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "
HB0811	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0914	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "
HB0812	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{4}$ "	HB0915	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "

BOLT — HEXAGON HEAD (Continued)

	Part No.	Diam. (d)	Length (L)		Part No.	Diam. (d)	Length (L)	
HB	HB0916	$\frac{3}{8}$ " U.N.F.	2"		HB1018	$\frac{7}{8}$ " U.N.F.	2 $\frac{1}{2}$ "	
	HB0917	$\frac{3}{8}$ " U.N.F.	2 $\frac{1}{2}$ "		HB1019	$\frac{7}{8}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0918	$\frac{3}{8}$ " U.N.F.	2 $\frac{1}{2}$ "		HB1020	$\frac{7}{8}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0919	$\frac{3}{8}$ " U.N.F.	2 $\frac{3}{4}$ "		HB1021	$\frac{7}{8}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0920	$\frac{3}{8}$ " U.N.F.	2 $\frac{3}{4}$ "		HB1022	$\frac{7}{8}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0921	$\frac{3}{8}$ " U.N.F.	2 $\frac{3}{4}$ "		HB1023	$\frac{7}{8}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0922	$\frac{3}{8}$ " U.N.F.	2 $\frac{3}{4}$ "		HB1024	$\frac{7}{8}$ " U.N.F.	3"	
	HB0923	$\frac{3}{8}$ " U.N.F.	2 $\frac{3}{4}$ "		HB1025	$\frac{7}{8}$ " U.N.F.	3 $\frac{1}{4}$ "	
	HB0924	$\frac{3}{8}$ " U.N.F.	3"		HB1026	$\frac{7}{8}$ " U.N.F.	3 $\frac{1}{4}$ "	
	HB0925	$\frac{3}{8}$ " U.N.F.	3 $\frac{1}{4}$ "		HB1027	$\frac{7}{8}$ " U.N.F.	3 $\frac{1}{4}$ "	
	HB0926	$\frac{3}{8}$ " U.N.F.	3 $\frac{1}{4}$ "		HB1028	$\frac{7}{8}$ " U.N.F.	3 $\frac{1}{4}$ "	
	HB0927	$\frac{3}{8}$ " U.N.F.	3 $\frac{1}{4}$ "		HB1029	$\frac{7}{8}$ " U.N.F.	3 $\frac{1}{4}$ "	
	HB0928	$\frac{3}{8}$ " U.N.F.	3 $\frac{1}{4}$ "		HB1030	$\frac{7}{8}$ " U.N.F.	3 $\frac{1}{4}$ "	
	HB0929	$\frac{3}{8}$ " U.N.F.	3 $\frac{3}{4}$ "		HB1034P	$\frac{7}{8}$ " U.N.F.	4 $\frac{1}{2}$ "	
	HB0930	$\frac{3}{8}$ " U.N.F.	3 $\frac{3}{4}$ "		HB1061	$\frac{7}{8}$ " U.N.C.	1 $\frac{1}{2}$ "	
	HB0931	$\frac{3}{8}$ " U.N.F.	3 $\frac{3}{4}$ "		HB1062	$\frac{7}{8}$ " U.N.C.	1 $\frac{1}{2}$ "	
	HB0932	$\frac{3}{8}$ " U.N.F.	4"		HB1064	$\frac{7}{8}$ " U.N.C.	1 $\frac{1}{2}$ "	
	HB0934	$\frac{3}{8}$ " U.N.F.	4 $\frac{1}{2}$ "		HB1065	$\frac{7}{8}$ " U.N.C.	1 $\frac{1}{2}$ "	
	HB0935	$\frac{3}{8}$ " U.N.F.	4 $\frac{1}{2}$ "		HB1066	$\frac{7}{8}$ " U.N.C.	2"	
	HB0937	$\frac{3}{8}$ " U.N.F.	4 $\frac{1}{2}$ "		HB1079	$\frac{7}{8}$ " U.N.C.	3 $\frac{3}{8}$ "	
	HB0942	$\frac{3}{8}$ " U.N.F.	5 $\frac{1}{2}$ "		HB1111	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{2}$ "	
	HB0943	$\frac{3}{8}$ " U.N.F.	5 $\frac{1}{2}$ "		HB1112	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{2}$ "	
	HB0944	$\frac{3}{8}$ " U.N.F.	5 $\frac{1}{2}$ "		HB1115	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{2}$ "	
	HB0959	$\frac{3}{8}$ " U.N.C.	1 $\frac{1}{2}$ "		HB1119	$\frac{1}{2}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0960	$\frac{3}{8}$ " U.N.C.	1 $\frac{1}{2}$ "		HB1121	$\frac{1}{2}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0961	$\frac{3}{8}$ " U.N.C.	1 $\frac{1}{2}$ "		HB1125	$\frac{1}{2}$ " U.N.F.	3 $\frac{1}{4}$ "	
	HB0962	$\frac{3}{8}$ " U.N.C.	1 $\frac{1}{2}$ "		HB1163	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{2}$ "	
	HB0963	$\frac{3}{8}$ " U.N.C.	1 $\frac{1}{2}$ "		HB1168	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "	
	HB0964	$\frac{3}{8}$ " U.N.C.	1 $\frac{1}{2}$ "		HB1170	$\frac{1}{2}$ " U.N.C.	2 $\frac{1}{4}$ "	
	HB0965	$\frac{3}{8}$ " U.N.C.	1 $\frac{1}{2}$ "		HB1313	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{2}$ "	
	HB0966	$\frac{3}{8}$ " U.N.C.	2"		HB1315	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{2}$ "	
	HB0967	$\frac{3}{8}$ " U.N.C.	2 $\frac{1}{4}$ "		HB1316	$\frac{3}{8}$ " U.N.F.	2"	
	HB0968	$\frac{3}{8}$ " U.N.C.	2 $\frac{1}{4}$ "		HB1318	$\frac{3}{8}$ " U.N.F.	2 $\frac{1}{4}$ "	
	HB0969	$\frac{3}{8}$ " U.N.C.	2 $\frac{3}{4}$ "		HB1320	$\frac{3}{8}$ " U.N.F.	2 $\frac{1}{4}$ "	
	HB0970	$\frac{3}{8}$ " U.N.C.	2 $\frac{1}{2}$ "		HB1323	$\frac{3}{8}$ " U.N.F.	2 $\frac{3}{4}$ "	
	HB0971	$\frac{3}{8}$ " U.N.C.	2 $\frac{3}{4}$ "		HB1327	$\frac{3}{8}$ " U.N.F.	3 $\frac{3}{4}$ "	
	HB0972	$\frac{3}{8}$ " U.N.C.	2 $\frac{3}{4}$ "		HB1330	$\frac{3}{8}$ " U.N.F.	3 $\frac{3}{4}$ "	
	HB0973	$\frac{3}{8}$ " U.N.C.	2 $\frac{3}{4}$ "		HB1333	$\frac{3}{8}$ " U.N.F.	4 $\frac{1}{4}$ "	
	SP1	HB0974	$\frac{3}{8}$ " U.N.C.	3"		HB1336	$\frac{3}{8}$ " U.N.F.	4 $\frac{1}{2}$ "
		HB0975	$\frac{3}{8}$ " U.N.C.	3 $\frac{1}{4}$ "		SP1C	$\frac{1}{2}$ " B.S.F.	$\frac{3}{8}$ "
		HB0976	$\frac{3}{8}$ " U.N.C.	3 $\frac{1}{4}$ "		SP1E	$\frac{1}{2}$ " B.S.F.	1"
		HB0980	$\frac{3}{8}$ " U.N.C.	3 $\frac{3}{4}$ "		SP1G	$\frac{1}{2}$ " B.S.F.	1 $\frac{1}{2}$ "
	SP3	HB0983	$\frac{3}{8}$ " U.N.C.	4 $\frac{1}{4}$ "		SP1I	$\frac{1}{2}$ " B.S.F.	1 $\frac{1}{2}$ "
		HB0984	$\frac{3}{8}$ " U.N.C.	4 $\frac{1}{4}$ "		SP1L	$\frac{1}{2}$ " B.S.F.	1 $\frac{1}{2}$ "
		HB1009	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "		SP1M1	$\frac{1}{2}$ " B.S.F.	2 $\frac{1}{4}$ "
		HB1010	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "		SP3B	$\frac{7}{16}$ " B.S.F.	$\frac{3}{8}$ "
	SP5	HB1011	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "		SP3C	$\frac{7}{16}$ " B.S.F.	$\frac{3}{8}$ "
		HB1012	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "		SP3D	$\frac{7}{16}$ " B.S.F.	$\frac{3}{8}$ "
HB1013		$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "		SP3G	$\frac{7}{16}$ " B.S.F.	1 $\frac{1}{2}$ "	
HB1014		$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "		SP3H	$\frac{7}{16}$ " B.S.F.	1 $\frac{1}{2}$ "	
VO	HB1015	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "		SP3M	$\frac{7}{16}$ " B.S.F.	2-"	
	HB1016	$\frac{7}{16}$ " U.N.F.	2"		SP5E	$\frac{3}{8}$ " B.S.F.	1 $\frac{1}{2}$ "	
	HB1017	$\frac{7}{16}$ " U.N.F.	2 $\frac{1}{4}$ "		VO823	$\frac{1}{2}$ " N.F.	1 $\frac{1}{8}$ "	

BOLT — CARRIAGE



ABBREVIATIONS

d = Diameter
NF = National Fine Thread

L = Length
UNC = Unified Coarse Thread

BC

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
BC6712	$\frac{1}{4}$ " N.F.	$1\frac{1}{2}$ "	BR2806	$\frac{1}{8}$ " N.F.	$\frac{1}{2}$ "
BC6807	$\frac{1}{8}$ " N.F.	$\frac{7}{8}$ "			
BC6910	$\frac{3}{8}$ " N.F.	$1\frac{1}{2}$ "			
BC7022	$\frac{7}{8}$ " N.F.	$2\frac{3}{4}$ "			
CB7072	$\frac{7}{8}$ " U.N.C.	$2\frac{3}{4}$ "			

BALL — STEEL



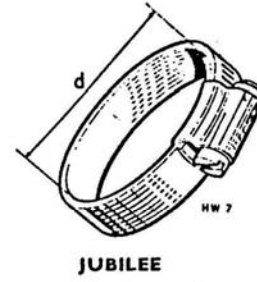
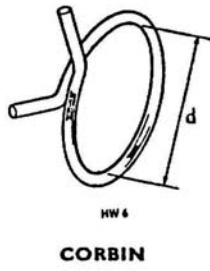
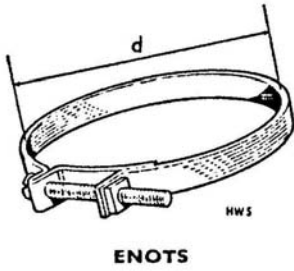
ABBREVIATIONS

d = Diameter

BL

Part No.	Diam. (d)	Part No.	Diam. (d)	Part No.	Diam. (d)
BLOO12	$\frac{1}{16}$ "	BLOO22	$\frac{11}{16}$ "	BLOO27	$\frac{27}{16}$ "
BLOO14	$\frac{3}{16}$ "	BLOO24	$\frac{3}{8}$ "	BLOO28	$\frac{7}{16}$ "
BLOO16	$\frac{1}{4}$ "	BLOO25	$\frac{25}{16}$ "	BLOO29	$\frac{29}{16}$ "
BLOO18	$\frac{3}{8}$ "	BLOO26	$\frac{13}{16}$ "	BLOO30	$\frac{13}{16}$ "
BLOO20	$\frac{1}{2}$ "				

CLIP — PIPE



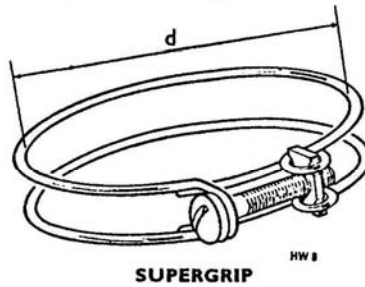
ABBREVIATIONS

d = Diameter

CE CC CJ

Part No.	Diam. (d)	Part No.	Diam. (d)	Part No.	Diam. (d)
CE1018	1 1/8"	CC5008	1/2"	CJ3014	7/8"
CE1024	1 1/4"	CC5012	3/4"	CJ3020	1 1/2"
CE1028	1 1/2"			CJ3024	1 3/4"
CE1030	1 5/8"			CJ3030	1 7/8"
CE1034	2 1/4"			CJ3036	2 1/4"
CE1035	2 3/8"			CJ3044	2 3/4"

CLIP — PIPE (Continued)



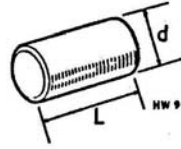
ABBREVIATIONS

d = Diameter

CS

Part No.	Diam. (d)	Part No.	Diam. (d)	Part No.	Diam. (d)
CS4007	7/16"	CS4023	1 7/16"	CS4037	2 3/16"
CS4008	1/2"	CS4024	1 1/2"	CS4038	2 3/8"
CS4009	5/16"	CS4025	1 1/8"	CS4039	2 7/16"
CS4010	3/8"	CS4026	1 3/8"	CS4040	2 1/2"
CS4011	1 1/4"	CS4028	1 3/4"	CS4041	2 7/16"
CS4012	3/4"	CS4029	1 1/2"	CS4042	2 3/8"
CS4013	1 1/2"	CS4030	1 7/8"	CS4044	2 3/4"
CS4014	7/8"	CS4032	2"	CS4046	2 7/8"
CS4016	1"	CS4033	2 1/16"	CS4049	3 1/16"
CS4017	1 1/16"	CS4034	2 1/4"	CS4051	3 3/16"
CS4018	1 1/8"	CS4035	2 3/16"	CS4054	3 3/8"
CS4020	1 1/2"	CS4036	2 1/2"	CS4062	3 7/8"
CS4022	1 3/8"				

DOWEL — PLAIN



ABBREVIATIONS

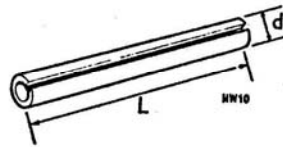
(d) = Diameter

L = Length

DP

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
DP0204	$\frac{1}{8}$ "	$\frac{1}{2}$ "	DP0507	$\frac{7}{16}$ "	$\frac{7}{8}$ "
DP0205	$\frac{1}{8}$ "	$\frac{7}{8}$ "	DP0508	$\frac{7}{16}$ "	$\frac{1}{2}$ "
DP0304	$\frac{3}{16}$ "	$\frac{1}{2}$ "	DP0510	$\frac{7}{16}$ "	$\frac{3}{4}$ "
DP0305	$\frac{3}{16}$ "	$\frac{7}{8}$ "	DP0512	$\frac{7}{16}$ "	$\frac{3}{4}$ "
DP0308	$\frac{3}{16}$ "	$\frac{1}{2}$ "	DP0514	$\frac{7}{16}$ "	$\frac{7}{8}$ "
DP0310	$\frac{3}{16}$ "	$\frac{3}{4}$ "	DP0516	$\frac{7}{16}$ "	1"
DP0404	$\frac{1}{2}$ "	$\frac{1}{2}$ "	DP0608	$\frac{3}{4}$ "	$\frac{1}{2}$ "
DP0406	$\frac{1}{2}$ "	$\frac{3}{4}$ "	DP0610	$\frac{3}{4}$ "	$\frac{3}{4}$ "
DP0407	$\frac{1}{2}$ "	$\frac{7}{8}$ "	DP0611	$\frac{3}{4}$ "	$\frac{1}{2}$ "
DP0408	$\frac{1}{2}$ "	$\frac{1}{2}$ "	DP0612	$\frac{3}{4}$ "	$\frac{3}{4}$ "
DP0410	$\frac{1}{2}$ "	$\frac{3}{4}$ "	DP0616	$\frac{3}{4}$ "	1"
DP0411	$\frac{1}{2}$ "	$\frac{1}{2}$ "			

DOWEL — SPRING TENSION TYPE



ABBREVIATIONS

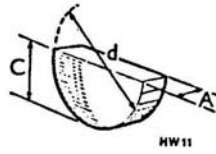
d = Diameter

L = Length

DS

Part No.	Nominal Diam. (d)	Length (L)	Part No.	Nominal Diam. (d)	Length (L)
DS0908	$\frac{3}{32}$ "	$\frac{1}{2}$ "	DS2509	$\frac{1}{2}$ "	$\frac{7}{8}$ "
DS0909	$\frac{3}{32}$ "	$\frac{7}{8}$ "	DS2510	$\frac{1}{2}$ "	$\frac{3}{4}$ "
DS0910	$\frac{3}{32}$ "	$\frac{3}{4}$ "	DS2512	$\frac{1}{2}$ "	$\frac{3}{4}$ "
DS0911	$\frac{3}{32}$ "	$\frac{1}{2}$ "	DS2514	$\frac{1}{2}$ "	$\frac{7}{8}$ "
DS0912	$\frac{3}{32}$ "	$\frac{3}{4}$ "	DS2516	$\frac{1}{2}$ "	1"
DS0913	$\frac{3}{32}$ "	$\frac{1}{2}$ "	DS2520	$\frac{1}{2}$ "	$1\frac{1}{2}$ "
DS0914	$\frac{3}{32}$ "	$\frac{3}{4}$ "	DS2522	$\frac{1}{2}$ "	$1\frac{1}{2}$ "
DS1309	$\frac{1}{4}$ "	$\frac{7}{8}$ "	DS2524	$\frac{1}{2}$ "	$1\frac{1}{2}$ "
DS1310	$\frac{1}{4}$ "	$\frac{3}{4}$ "	DS3112	$\frac{7}{16}$ "	$\frac{3}{4}$ "
DS1312	$\frac{1}{4}$ "	$\frac{3}{4}$ "	DS3114	$\frac{7}{16}$ "	$\frac{3}{4}$ "
DS1314	$\frac{1}{4}$ "	$\frac{3}{4}$ "	DS3116	$\frac{7}{16}$ "	1"
DS1607	$\frac{5}{16}$ "	$\frac{7}{8}$ "	DS3118	$\frac{7}{16}$ "	$1\frac{1}{2}$ "
DS1620	$\frac{5}{16}$ "	$1\frac{1}{2}$ "	DS3120	$\frac{7}{16}$ "	$1\frac{1}{2}$ "
DS1912	$\frac{7}{16}$ "	$\frac{3}{4}$ "	DS3124	$\frac{7}{16}$ "	$1\frac{1}{2}$ "
DS1914	$\frac{7}{16}$ "	$\frac{3}{4}$ "	DS3128	$\frac{7}{16}$ "	$1\frac{1}{2}$ "
DS1918	$\frac{7}{16}$ "	$1\frac{1}{2}$ "			

KEY — WOODRUFF



ABBREVIATIONS

A = Width

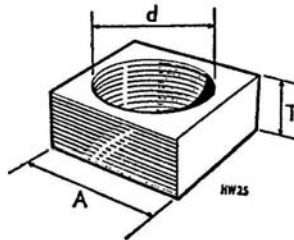
d = Diameter

C = Height

Part No.	Width (A)	Diam. (d)	Height (C)
KW0316	$\frac{3}{32}$ "	$\frac{1}{8}$ "	$\frac{11}{32}$ "
KW0416	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{11}{32}$ "
KW0420	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{8}$ "
KW0520	$\frac{3}{32}$ "	$\frac{3}{16}$ "	$\frac{1}{8}$ "
KW0524	$\frac{3}{32}$ "	$\frac{3}{16}$ "	$\frac{1}{8}$ "
KW0624	$\frac{1}{16}$ "	$\frac{3}{16}$ "	$\frac{1}{8}$ "
KW0628	$\frac{1}{16}$ "	$\frac{1}{4}$ "	$\frac{3}{16}$ "
KW0632	$\frac{1}{16}$ "	$\frac{1}{4}$ "	$\frac{3}{16}$ "
KW0636	$\frac{1}{16}$ "	1"	$\frac{1}{8}$ "
KW0636	$\frac{1}{16}$ "	$1\frac{1}{8}$ "	$\frac{11}{32}$ "
KW0832	$\frac{1}{8}$ "	1"	$\frac{1}{8}$ "
KW0836	$\frac{1}{8}$ "	$1\frac{1}{8}$ "	$\frac{11}{32}$ "
KW1040	$\frac{1}{8}$ "	$1\frac{1}{8}$ "	$\frac{11}{32}$ "
KW1251	$\frac{1}{8}$ "	$\frac{3}{4}$ "	$\frac{1}{8}$ "

KW

NUT — SQUARE



ABBREVIATIONS

A = Dimension across flats

d = Thread Diameter

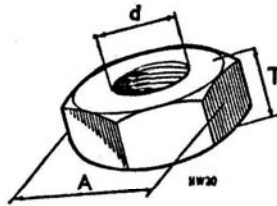
T = Thickness

NF = National Fine Thread

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
NQ2705	No. 10 N.F.	$\frac{3}{8}$ "	-130°/-117°
NQ2707	$\frac{1}{4}$ " N.F.	$\frac{7}{16}$ "	-235°/-203°
NQ2708	$\frac{1}{8}$ " N.F.	$\frac{7}{16}$ "	-283°/-249°
NQ2709	$\frac{3}{8}$ " N.F.	$\frac{1}{2}$ "	-346°/-310°

NQ

NUT — HEXAGON



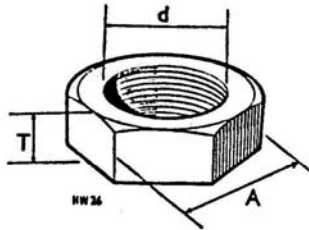
ABBREVIATIONS

A = Dimension across flats
T = Thickness
UNF = Unified Fine Thread
BSF = British Standard Fine Thread

d = Thread Diameter
NC = National Coarse Thread
NF = National Fine Thread
UNC = Unified Coarse Thread
BA = British Association Thread

	Part No.	Thread Diam. (d)	Across Flats (A)	Nominal Thickness (T)
NH	NH2002	No. 5 N.F.	$\frac{7}{16}$ "	-.114"/.102"
	NH2003	No. 6 N.F.	$\frac{7}{16}$ "	-.114"/.102"
	NH2004	No. 8 N.F.	$\frac{11}{16}$ "	-.130"/.117"
	NH2005	No. 10 N.F.	$\frac{3}{8}$ "	-.130"/.117"
	NH2006	No. 12 N.F.	$\frac{7}{16}$ "	-.161"/.148"
	NH2007	$\frac{1}{2}$ " N.F.	$\frac{7}{16}$ "	-.226"/.212"
	NH2008	$\frac{7}{16}$ " N.F.	$\frac{1}{2}$ "	-.273"/.258"
	NH2009	$\frac{3}{8}$ " N.F.	$\frac{7}{16}$ "	-.337"/.320"
	NH2010	$\frac{7}{16}$ " N.F.	$\frac{3}{4}$ "	-.385"/.365"
	NH2011	$\frac{1}{2}$ " N.F.	$\frac{3}{4}$ "	-.448"/.427"
	NH2012	$\frac{7}{16}$ " N.F.	$\frac{3}{4}$ "	-.496"/.473"
	NH2013	$\frac{3}{8}$ " N.F.	$\frac{11}{16}$ "	-.559"/.534"
	HN	NH2057	$\frac{1}{2}$ " N.C.	$\frac{7}{16}$"	-.226"/.212"
NH2058		$\frac{7}{16}$ " N.C.	$\frac{1}{2}$ "	-.273"/.258"
NH2059		$\frac{3}{8}$ " N.C.	$\frac{7}{16}$ "	-.337"/.320"
HN2002		No. 5 U.N.F.	$\frac{7}{16}$ "	-.114"/.102"
HN2005		No. 10 U.N.F.	$\frac{3}{8}$ "	-.130"/.117"
HN2007		$\frac{1}{2}$ " U.N.F.	$\frac{7}{16}$ "	-.220"/.210"
HN2008		$\frac{7}{16}$ " U.N.F.	$\frac{1}{2}$ "	-.270"/.260"
HN2009		$\frac{3}{8}$ " U.N.F.	$\frac{7}{16}$ "	-.330"/.320"
HN2010		$\frac{7}{16}$ " U.N.F.	$\frac{11}{16}$ "	-.380"/.370"
HN2011		$\frac{1}{2}$ " U.N.F.	$\frac{3}{4}$ "	-.440"/.430"
HN2012		$\frac{7}{16}$ " U.N.F.	$\frac{3}{4}$ "	-.490"/.480"
HN2013		$\frac{3}{8}$ " U.N.F.	$\frac{11}{16}$ "	-.550"/.540"
HN2014		$\frac{3}{4}$ " U.N.F.	$1\frac{1}{16}$ "	-.660"/.640"
HN2016	1" U.N.F.	$1\frac{1}{8}$ "	-.880"/.850"	
SP22	HN2051	No. 4 U.N.C.	$\frac{1}{2}$ "	-.098"/.087"
	HN2053	No. 6 U.N.C.	$\frac{7}{16}$ "	-.114"/.102"
	HN2054	No. 8 U.N.C.	$\frac{11}{16}$ "	-.130"/.117"
	HN2057	$\frac{1}{2}$ " U.N.C.	$\frac{7}{16}$ "	-.220"/.217"
	HN2058	$\frac{7}{16}$ " U.N.C.	$\frac{1}{2}$ "	-.270"/.260"
	HN2059	$\frac{3}{8}$ " U.N.C.	$\frac{7}{16}$ "	-.330"/.320"
	HN2060	$\frac{7}{16}$ " U.N.C.	$\frac{11}{16}$ "	-.380"/.370"
	HN2061	$\frac{1}{2}$ " U.N.C.	$\frac{3}{4}$ "	-.440"/.430"
	SP22A	No. 2 B.A.	.338"	$\frac{3}{16}$ "
	SP22B	No. 4 B.A.	.156"	$\frac{1}{8}$ "
	SP22BD	$\frac{7}{16}$ " B.S.F. (Brass)	.525"	$\frac{1}{2}$ "
	SP22BE	$\frac{3}{8}$ " B.S.F. (Brass)	.600"	$\frac{7}{16}$ "
	SP22C	$\frac{1}{2}$ " B.S.F.	.445"	$\frac{7}{16}$ "
SP22D	$\frac{7}{16}$ " B.S.F.	.525"	$\frac{1}{2}$ "	
SP22E	$\frac{3}{8}$ " B.S.F.	.600"	$\frac{7}{16}$ "	
SP22F	$\frac{7}{16}$ " B.S.F.	.710"	$\frac{3}{4}$ "	
SP22G	$\frac{1}{2}$ " B.S.F.	.820"	$\frac{7}{16}$ "	

NUT — REGULAR HEXAGON (no washer face or chamfer on lower face)



ABBREVIATIONS

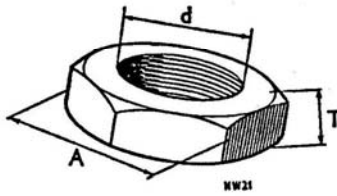
A = Dimension across Flats
T = Thickness

d = Thread Diameter
NF = National Fine Thread

NR

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
NR3109	$\frac{3}{8}$ " N.F.	$\frac{1}{2}$ "	.330"/.294"

NUT — HEXAGON — JAM



ABBREVIATIONS

NC = National Coarse Thread
UNC = Unified Coarse Thread
WHIT = Whitworth Thread

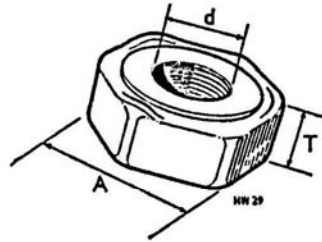
A = Dimension across Flats
T = Thickness
d = Thread Diameter

NF = National Fine Thread
UNF = Unified Fine Thread
BSF = British Standard Fine Thread

NJ

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
NJ2103	No. 6 N.F.	$\frac{7}{16}$ "	
NJ2105	No. 10 N.F.	$\frac{3}{8}$ "	.123"/.113"
NJ2107	$\frac{1}{8}$ " N.F.	$\frac{7}{16}$ "	.163"/.150"
NJ2108	$\frac{7}{16}$ " N.F.	$\frac{1}{2}$ "	.195"/.180"
NJ2109	$\frac{3}{8}$ " N.F.	$\frac{7}{16}$ "	.227"/.210"
NJ2110	$\frac{7}{16}$ " N.F.	$\frac{3}{4}$ "	.260"/.240"
NJ2113	$\frac{3}{8}$ " N.F.	$\frac{1}{2}$ "	.387"/.363"
NJ2114	$\frac{3}{8}$ " N.F.	$1\frac{1}{16}$ "	.389"/.361"
NJ2157	$\frac{1}{4}$ " N.C.	$\frac{7}{16}$ "	.163"/.150"
NJ2158	$\frac{7}{16}$ " N.C.	$\frac{1}{2}$ "	.195"/.180"
JN			
NJ2159	$\frac{3}{8}$ " N.C.	$\frac{7}{16}$ "	.227"/.210"
JN2107	$\frac{1}{4}$ " U.N.F.	$\frac{7}{16}$ "	.160"/.150"
JN2108	$\frac{7}{16}$ " U.N.F.	$\frac{1}{2}$ "	.190"/.180"
JN2109	$\frac{3}{8}$ " U.N.F.	$\frac{7}{16}$ "	.220"/.210"
JN2110	$\frac{7}{16}$ " U.N.F.	$\frac{3}{4}$ "	.260"/.250"
JN2111	$\frac{1}{2}$ " U.N.F.	$\frac{3}{4}$ "	.320"/.310"
JN2113	$\frac{3}{8}$ " U.N.F.	$\frac{1}{2}$ "	.380"/.370"
JN2116	1" U.N.F.	$1\frac{1}{2}$ "	.570"/.540"
JN2157	$\frac{1}{4}$ " U.N.C.	$\frac{7}{16}$ "	.160"/.150"
SP24			
JN2158	$\frac{7}{16}$ " U.N.C.	$\frac{1}{2}$ "	.190"/.180"
JN2159	$\frac{3}{8}$ " U.N.C.	$\frac{7}{16}$ "	.220"/.210"
SP24E	$\frac{3}{8}$ " B.S.F.	.600"	$\frac{1}{4}$ "
SP24P	$\frac{7}{16}$ " WHIT	.525"	$\frac{1}{2}$ "

NUT — WELD — GKN — 3 PRONGED TYPE



ABBREVIATIONS

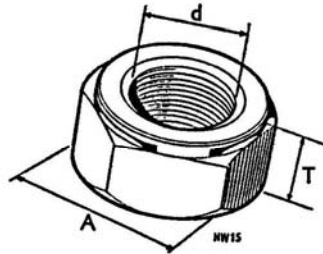
A = Dimension across Flats
T = Thickness

d = Thread Diameter
NF = National Fine Thread

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
NY3305	No. 10 N.F.	$\frac{7}{16}$ "	.205"

NY

NUT — PHILIDAS — STANDARD INDUSTRIAL — UNIFIED



ABBREVIATIONS

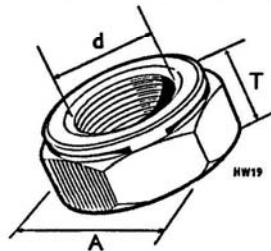
A = Dimension across flats
T = Thickness

d = Thread Diameter
UNF = Unified Fine Thread

Part No.	Diam. (d)	Dimension across Flats (A)	Thickness (T) max.
AN3507	$\frac{1}{2}$ " U.N.F.	$\frac{7}{16}$ "	.270"
AN3508	$\frac{3}{8}$ " U.N.F.	$\frac{1}{2}$ "	.330"
AN3509	$\frac{1}{4}$ " U.N.F.	$\frac{7}{16}$ "	.400"

AN

NUT — PHILIDAS — THIN — INDUSTRIAL



ABBREVIATIONS

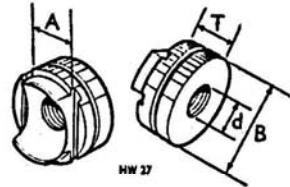
A = Dimension across Flats
T = Thickness

d = Thread Diameter
NF = National Fine Thread

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
EN3608	$\frac{7}{16}$ " U.N.F.	$\frac{1}{2}$ "	.246"
EN3609	$\frac{3}{8}$ " U.N.F.	$\frac{7}{16}$ "	.296"
EN3610	$\frac{7}{16}$ " U.N.F.	$\frac{11}{16}$ "	.340"

EN

NUT — CLINCH — UNIFIED THREAD



HW 27
ABBREVIATIONS

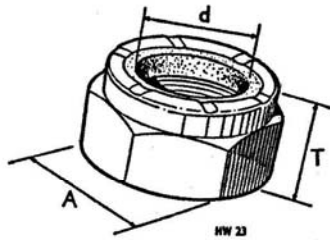
A = Dimension across Flats
B = Outside Diameter
UNF = Unified Fine Thread

d = Thread Diameter
T = Thickness

RN

Part No.	Thread Diam. (d)	Across Flats (A)	Diam. (B)	Thickness (T)
RN3808	$\frac{1}{16}$ " U.N.F.	$\frac{1}{8}$ "	$\frac{1}{2}$ "	.297"

NUT — SIMMONDS FULL NYLOC



HW 23
ABBREVIATIONS

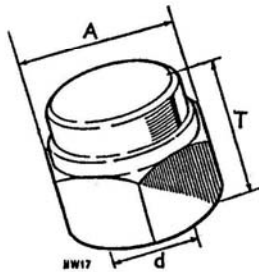
A = Dimension across Flats
T = Thickness

d = Thread Diameter
NF = National Fine Thread

NN

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
NN2905	No. 10 N.F.	$\frac{3}{8}$ "	.249"
NN2907	$\frac{1}{4}$ " N.F.	$\frac{7}{16}$ "	.338"
NN2908	$\frac{1}{8}$ " N.F.	$\frac{1}{16}$ "	.423"
NN2909	$\frac{3}{8}$ " N.F.	$\frac{3}{8}$ "	.489"
NN2910	$\frac{1}{4}$ " N.F.	$\frac{3}{4}$ "	.543"
NN2913	$\frac{1}{8}$ " N.F.	1"	.773"

NUT — SIMMONDS NYLOC DEEP CAPPED



HW 17
ABBREVIATIONS

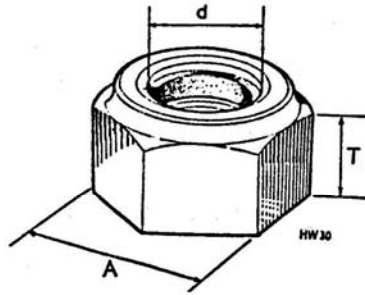
A = Dimension across flats
T = Thickness
UNF = Unified Fine Thread

d = Thread Diameter
NF = National Fine Thread

ND DN

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
ND3408	$\frac{1}{4}$ " N.F.	$\frac{7}{16}$ "	.660" / .640"
DN3408	$\frac{1}{4}$ " U.N.F.	$\frac{1}{2}$ "	.660" / .640"

NUT — SIMMONDS FULL NYLOC



ABBREVIATIONS

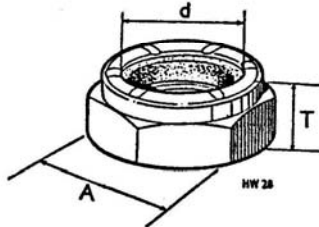
A = Dimension across Flats
 T = Thickness
 UNC = Unified Coarse Thread

d = Thread Diameter
 UNF = Unified Fine Thread

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
YN2905	No. 10 U.N.F.	$\frac{7}{16}''$	.245"
YN2907	$\frac{1}{4}''$ U.N.F.	$\frac{7}{16}''$	.330"
YN2908	$\frac{7}{16}''$ U.N.F.	$\frac{1}{2}''$	.438"
YN2909	$\frac{3}{8}''$ U.N.F.	$\frac{7}{16}''$	.485"
YN2910	$\frac{7}{16}''$ U.N.F.	$\frac{11}{16}''$	.543"
YN2911	$\frac{1}{2}''$ U.N.F.	$\frac{3}{4}''$	.603"
YN2912	$\frac{7}{16}''$ U.N.F.	$\frac{7}{8}''$	.700"
YN2913	$\frac{3}{8}''$ U.N.F.	$\frac{11}{16}''$	.720"
YN2914	$\frac{3}{4}''$ U.N.F.	$1\frac{1}{4}''$	.860"
YN2961	$\frac{1}{2}''$ U.N.C.	$\frac{3}{4}''$	.603"

YN

NUT — SIMMONDS NYLOC, THIN



ABBREVIATIONS

A = Dimension across Flats
 T = Thickness
 UNF = Unified Fine Thread

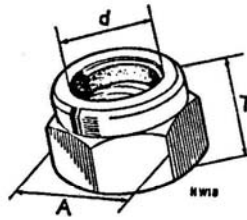
d = Thread Diameter
 NF = National Fine Thread

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
NT3208	$\frac{7}{16}''$ N.F.	$\frac{7}{16}''$	.345"
NT3209	$\frac{3}{8}''$ N.F.	$\frac{3}{8}''$	.379"
NT3211	$\frac{1}{2}''$ N.F.	$\frac{11}{16}''$	.482"
TN3205	No. 10 U.N.F.	.313"	.180"
TN3207	$\frac{1}{4}''$ U.N.F.	.437"	.268"
TN3208	$\frac{7}{16}''$ U.N.F.	.500"	.360"
TN3209	$\frac{3}{8}''$ U.N.F.	.562"	.375"
TN3210	$\frac{7}{16}''$ U.N.F.	.687"	.418"
TN3211	$\frac{1}{2}''$ U.N.F.	.750"	.476"
TN3212	$\frac{7}{16}''$ U.N.F.	.875"	.547"
TN3213	$\frac{3}{8}''$ U.N.F.	.938"	.548"
TN3254	No.8 U.N.C.	.313"	.180"

NT

TN

NUT — SIMMONDS ELASTIC STOP



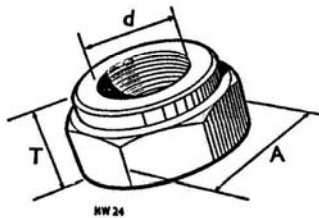
ABBREVIATIONS

A = Dimension across flats
T = Thickness
 Suffix /10 denotes Mild Steel 28 Ton

d = Thread Diameter
NF = National Fine Thread
BSF = British Standard Fine Thread

Part No.	-Thread Diam. (d)	Across Flats (A)	Thickness (T)
NE			
NE2503	No. 6 N.F.	$\frac{1}{16}''$	.204"
NE2505	No. 10 N.F.	$\frac{3}{16}''$	.249"
NE2507	$\frac{1}{8}''$ N.F.	$\frac{7}{16}''$	.338"
NE2508	$\frac{9}{16}''$ N.F.	$\frac{7}{16}''$	.423"
NE2509	$\frac{3}{8}''$ N.F.	$\frac{3}{8}''$	.490"
SP115			
NE2510	$\frac{7}{16}''$ N.F.	$\frac{3}{8}''$	.543"
SP115D10	$\frac{1}{16}''$	.525"	.395"
SP115E10	$\frac{3}{8}''$	.600"	.500"
SP115F	$\frac{7}{16}''$	.710"	.600"

NUT — SIMMONDS PINNACLE



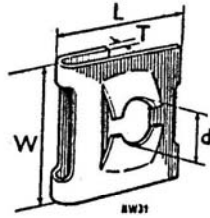
ABBREVIATIONS

A = Dimension across Flats
T = Thickness
 Suffix /11 denotes Mild Steel 35/40 Ton

d = Thread Diameter
NF = National Fine Thread
BSF = British Standard Fine Thread

Part No.	Thread Diam. (d)	Across Flats (A)	Thickness (T)
NP			
NP2607	$\frac{1}{8}''$ N.F.	$\frac{7}{16}''$	.280"
NP2608	$\frac{9}{16}''$ N.F.	$\frac{7}{16}''$	.320"
NP2609	$\frac{3}{8}''$ N.F.	$\frac{3}{8}''$	.399"
SP128			
NP2610	$\frac{7}{16}''$ N.F.	$\frac{3}{8}''$	.460"
SP128HH	$\frac{3}{8}''$ B.S.F.	.600"	.360"
SP128LH	$\frac{7}{16}''$ B.S.F.		.920"

FIX NUT — SIMMONDS ACME 'J' TYPE



ABBREVIATIONS

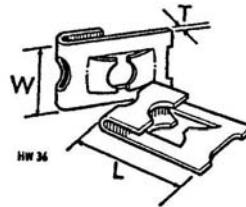
L = Length
d = Screw diameter

W = Width
T = Thickness

FA

Part No.	Screw (d) Diam.	Length (L)	Width (W)	Thickness (T)
FA3057	1/4" (12 Acme)	.687"	3/8"	.036"
FA3058	1/4" (12 Acme)	.990"	3/8"	.036"
FA3059	1/4" (12 Acme)	.980"	3/8"	.036"

FIX NUT — SIMMONDS 'J' TYPE



ABBREVIATIONS

L = Length
T = Thickness

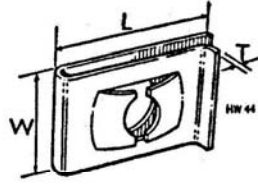
W = Width

Suffix /4 to Part No. denotes Chromate Passivated Electro Plated Zinc — Colour, Pale Translucent Yellow
 Suffix /8 to Part No. denotes 2 coats of Zinc Chromate paint } Colour, Olive Green
 Suffix /9 to Part No. denotes 1 coat of Zinc Chromate paint }

FJ

Part No.	Length (L)	Width (W)	Thickness (T)	Screw Thread	Screw Type
FJ2407	1 3/8"	3/8"	.036"	1/4" x 12 Acme	Threaded
FJ2442	.382"	1/8"	.022"	No 6	Self Tapping
FJ2443	1/4"	7/16"	.020"	No 6	Self Tapping
FJ2444	1/4"	7/16"	.024"	No 8	Self Tapping
FJ2444/4	1/4"	7/16"	.024"	No. 8	Self Tapping
FJ2445	.780"	1/2"	.028"	No. 10	Self Tapping
FJ2446	1 1/4"	3/4"	.032"	No. 12	Self Tapping
FJ2462/8	1/4"	7/16"	.020"	No. 6	Self Tapping
FJ2462/9	1/4"	7/16"	.020"	No. 6	Self Tapping
FJ2463	1/4"	7/16"	.020"	No. 6	Self Tapping
FJ2464	1/4"	7/16"	.020"	No. 8	Self Tapping
FJ2465/9	.770"	1/2"	.028"	No. 10	Self Tapping
FJ2474	.653"	3/8"	.028"	No. 8	Self Tapping
FJ2482	.623"	7/16"	.022"	No. 6	Self Tapping
FJ2485/8	3/8"	1 1/8"	.028"	No. 10	Self Tapping
FJ2494	3 1/2"	7/8"	.024"	No 8	Self Tapping

FIX NUT — SIMMONDS 'U' TYPE

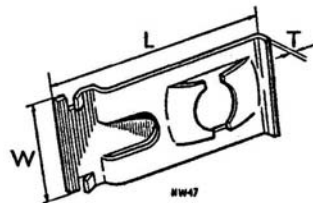


ABBREVIATIONS
L = Length
T = Thickness
NC = National Coarse Thread
W = Width
NF = National Fine Thread
 Suffix /9 to Part No. denotes 1 coat Zinc Chromate paint — Colour, Olive Green

FU

Part No.	Length (L)	Width (W)	Thickness (T)	Screw Thread	Screw Type
FU2503	1 1/8"	7/8"	.014"	No. 6 N.F.	Threaded
FU2505	3/4"	1/2"	.016"	No. 10 N.F.	Threaded
FU2508	1 1/8"	1 1/8"	.044"	7/8" x 10 Acme	Threaded
FU2524	.463"	1 1/8"	.020"	No. 8	Self Tapping
FU2529	1 1/8"	1 1/8"	.020"	No. 8	Self Tapping
FU2543	3/8"	7/8"	.020"	No. 6	Self Tapping
FU2543/9	3/8"	7/8"	.020"	No. 6	Self Tapping
FU2544	3/8"	7/8"	.020"	No. 8	Self Tapping
FU2544/9	3/8"	7/8"	.024"	No. 8	Self Tapping
FU2545	3/8"	1 1/8"	.028"	No. 10	Self Tapping
FU2545/9	3/8"	1 1/8"	.028"	No. 10	Self Tapping
FU2546	1"	1 1/8"	.032"	No. 12	Self Tapping
FU2549	3/8"	1/2"	.028"	No. 10	Self Tapping
FU2553	.462"	7/8"	.022"	No. 6	Self Tapping
FU2554	7/8"	1/2"	.024"	No. 8	Self Tapping
FU2555	3/8"	1/2"	.020"	No. 10 N.F.	Threaded
FU2557	1 1/8"	3/8"	.024"	1/2" N.C.	Threaded
FU2563/9	1 1/8"	1/2"	.020"	No. 6	Self Tapping
FU2564	1 1/8"	7/8"	.024"	No. 8	Self Tapping
FU2564/9	1 1/8"	7/8"	.024"	No. 8	Self Tapping
FU2565	1 1/8"	1 1/8"	.028"	No. 10	Self Tapping
FU2566	1 3/8"	1 1/8"	.032"	No. 12	Self Tapping
FU2569	3/8"	7/8"	.028"	No. 8	Self Tapping
FU2578	.676"	7/8"	.024"	No. 8	Self Tapping
FU2579	1 1/8"	1 1/8"	.020"	No. 8	Self Tapping
FU2583	3 1/2"	1/2"	.022"	No. 6	Threaded
FU2584	1 1/8"	1 1/8"	.024"	No. 8	Self Tapping
FU2584/9	1 1/8"	1 1/8"	.024"	No. 8	Self Tapping
FU2589/9	1 1/8"	1 1/8"	.028"	No. 10	Self Tapping
FU2594	7/8"	1/2"	.026"	No. 8	Self Tapping

FIX NUT — SIMMONDS ACME SNL TYPE

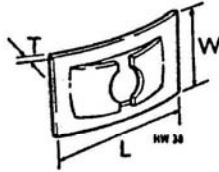


ABBREVIATIONS
L = Length
T = Thickness
W = Width

FY

Part No.	Screw Diameter	Length (L)	Width (W)	Thickness (T)
FY3008	7/8"	1.44"	1/2"	.040"
FY3027	1/2"	1.44"	7/8"	.036"

FIX NUT — SIMMONDS PLATE TYPE



ABBREVIATIONS

L = Length
T = Thickness

W = Width

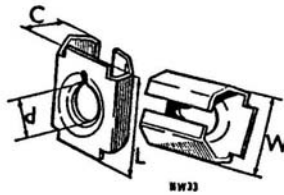
Suffix /4 to Part No. denotes Chromate Passivated Electro Plated Zinc — Colour, Pale Translucent Yellow

Suffix /9 to Part No. denotes 1 coat of Zinc Chromate paint — Colour, Olive Green

FN

Part No.	Screw Thread	Screw Type	Length (L)	Width (W)	Thickness (T)
FN2002	No. 4 N.F.	Thread	$\frac{1}{16}''$	$\frac{1}{16}''$	-.011"
FN2005/9	No. 10 N.F.	Threaded	$\frac{1}{8}''$	$\frac{1}{8}''$	-.016"
FN2043	No. 6A/J/Z	Self Tapping	$\frac{1}{16}''$	$\frac{1}{16}''$	-.020"
FN2044	No. 8A/J/Z	Self Tapping	$\frac{1}{16}''$	$\frac{1}{8}''$	-.024"
FN2044/4	No. 8A/J/Z	Self Tapping	$\frac{1}{16}''$	$\frac{1}{8}''$	-.024"
FN2044/9	No. 8A/J/Z	Self Tapping	$\frac{1}{16}''$	$\frac{1}{8}''$	-.024"
FN2045	No. 10 A/J	Self Tapping	$\frac{3}{16}''$	$\frac{1}{16}''$	-.028"
FN2045/9	No. 10 A/J	Self Tapping	$\frac{3}{16}''$	$\frac{1}{16}''$	-.028"
FN2046	No. 12 A/J	Self Tapping	-.668"	$\frac{7}{16}''$	-.032"
FN2059/9	$\frac{1}{2}'' \times 12$ Acme	Threaded	$\frac{1}{16}''$ (-980°)	$\frac{1}{8}''$	-.036"

FIX NUT — SIMMONDS SNO TYPE



ABBREVIATIONS

d = Stud diameter
W = Width

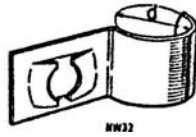
L = Length
C = Height

Suffix /9 to Part No. denotes Chromate Paint — Colour, Olive Green

FC

Part No.	Stud Diam. (d)	Length (L)	Width (W)	Height (C)
FC2803	No. 6A	$\frac{7}{16}''$	$\frac{3}{16}''$	$\frac{1}{8}''$
FC2804	No. 8A	$\frac{1}{2}''$	$\frac{7}{16}''$	-.272"
FC2805	No. 10 A/J	$\frac{3}{8}''$	-.539"	$\frac{1}{16}''$
FC2805/9	No. 10 A/J	$\frac{3}{8}''$	-.539"	$\frac{1}{16}''$

FIX NUT — SIMMONDS SNB SINGLE CABLE CLIP



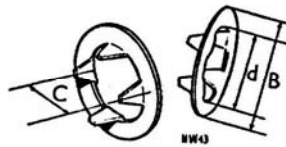
ABBREVIATIONS

d = cable diameter

FB

Part No.	Cable Diam. (d)	For Screw (S/T)	Part No.	Cable Diam. (d)	For Screw S/T
FB2654	$\frac{1}{16}''$	No. 8J	FB2661	$\frac{1}{8}''$	No. 8J
FB2657	$\frac{1}{8}''$	No. 8J	FB2663	$\frac{3}{16}''$	No. 8J
FB2658	$\frac{1}{4}''$	No. 8J	FB2664	$\frac{1}{2}''$	No. 8J
FB2659	$\frac{3}{8}''$	No. 8J	FB2666	1"	No. 8J

CLIP — SIMMONDS SPECIAL TUBULAR TYPE



ABBREVIATIONS

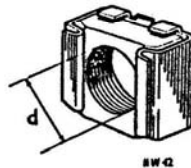
B = Outside Diameter
C = Claw diameter

d = Inside diameter

FT

Part No.	To suit Shaft Diameter	Outside Diameter (B)	Inside Diameter (d)	Diameter across Claws (c)
FT2902	.196"/.200"	$\frac{3}{16}''$	.200"/.202"	.169"/.173"
FT2904	.122"/.125"	$\frac{1}{8}''$	.127"	.103"
FT2906	.245"/.250"	$\frac{1}{4}''$	.252"	.217"
FT2908	.186"/.189"	$\frac{3}{8}''$	.189"	.160"

NUT RETAINER — SIMMONDS SPIRE SPEED GRIP TYPE



ABBREVIATIONS

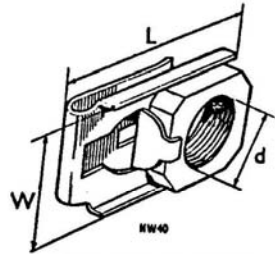
d = Stud Diameter
NF = National Fine Thread
NC = National Coarse Thread

UNF = Unified Fine Thread
UNC = Unified Coarse Thread

FS

Part No.	Stud Diameter (d)	Panel Thickness	Part No.	Stud Diameter (d)	Panel Thickness
FS2701	No. 10 N.F.	.028"/.064"	FS2751	No. 10 N.F.	.072"/.104"
FS2702	$\frac{1}{2}''$ N.F.		FS2752	$\frac{1}{2}''$ N.F.	
FS2704	$\frac{1}{4}''$ N.F.		FS2754	$\frac{1}{8}''$ N.F.	
FS2705	No. 6 N.C.		FS2756	$\frac{3}{8}''$ N.F.	
FS2706	$\frac{3}{8}''$ N.F.		FS2758	No. 8 U.N.C.	
FS2708	No. 8 U.N.F.				

NUT RETAINER — SIMMONDS 'J' TYPE



ABBREVIATIONS

d = Stud diameter
W = Width

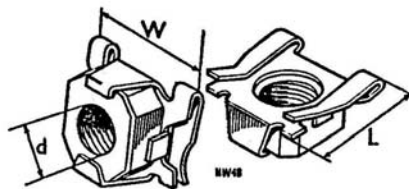
L = Length

Suffix /4 to Part No. denotes Chromate Passivated Electro Plated Zinc — Colour, Pale Translucent Yellow

FQ

Part No.	Stud Diam. (d)	Length (L)	Width (W)
FQ3404	No. 10 U.N.F.	$\frac{3}{16}$ "	$\frac{7}{16}$ "
FQ3404/4	No. 10 U.N.F.	$\frac{3}{16}$ "	$\frac{7}{16}$ "
FQ3405	$\frac{1}{4}$ " U.N.F.	$\frac{3}{16}$ "	$\frac{7}{16}$ "
FQ3406	$\frac{7}{16}$ " U.N.F.	$1 \frac{1}{16}$ "	$\frac{7}{16}$ "
FQ3407	$\frac{3}{8}$ " U.N.F.	$1 \frac{1}{16}$ "	$\frac{7}{16}$ "

NUT RETAINER — SIMMONDS SHORT REACH 'J' TYPE



ABBREVIATIONS

d = Diameter
L = Length

W = Width
UNF = Unified Fine Thread

FZ

Part No.	Stud Diameter (d)	Length (L)	Width (W)
FZ3404/4	No. 10 U.N.F.	$\frac{7}{16}$ "	$\frac{3}{4}$ "
FZ3405	$\frac{1}{4}$ " U.N.F.	$\frac{7}{16}$ "	$\frac{3}{4}$ "
FZ3406	$\frac{7}{16}$ " U.N.F.	$\frac{7}{16}$ "	$\frac{3}{4}$ "
FZ3407	$\frac{3}{8}$ " U.N.F.	$\frac{7}{16}$ "	$\frac{3}{4}$ "
FZ3408	No. 10 U.N.F.	.580"/.620"	$\frac{3}{4}$ "

FIX — SIMMONDS REMOVABLE TIJBE TYPE



ABBREVIATIONS

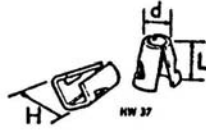
d = Stud diameter
L = Length

H = Head diameter
T = Thickness

FG

Part No.	Stud Diam. (d)	Panel Gauge	Head Diam. (H)	Length (L)	Thickness (T)
FG1307	$\frac{1}{4}$ "	20SWG	.350"	$\frac{1}{16}$ "	.040"

FIX — SIMMONDS LOCK TUBE TYPE



ABBREVIATIONS

d = Stud diameter
L = Length

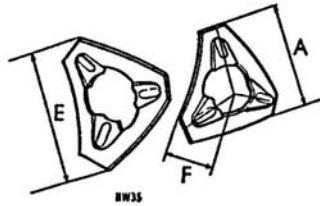
H = Head diameter

Suffix /9 to Part No. denotes 1 coat of Zinc Chromate paint — Colour, Olive Green

FL

Part No.	Nominal Head Diam. (H)	Length (L)	Panel Gauge	Stud Diam. (d)
FL1402	$\frac{3}{16}''$	$\frac{11}{16}''$	20 SWG	$\frac{1}{8}''$
FL1405/9	$\frac{1}{4}''$	$\frac{1}{4}''$	20 SWG	$\frac{1}{16}''$
FL1445/9	$\frac{1}{4}''$	$\frac{1}{4}''$	16 SWG	$\frac{1}{16}''$

FIX — SALTERS TRIANGULAR SELF LOCKING RING TYPE



ABBREVIATIONS

A = Dimension across flats

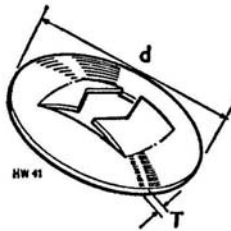
E = Dimension across points

F = Dimension to centre of hole

FH

Part No.	Stud Diameter	Thickness	Dimension (A)	Dimension (E)	Dimension (F)
FH3152	$\frac{1}{8}''$	.015"	$\frac{7}{16}''$	$\frac{3}{8}''$	$\frac{3}{16}''$
FH3155	$\frac{3}{16}''$	.015"	$\frac{11}{16}''$	$\frac{1}{2}''$	$\frac{1}{8}''$

FIX — SIMMONDS ROUND TYPE



ABBREVIATIONS

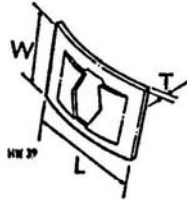
d = Diameter

T = Thickness

FR

Part No.	Stud Diameter	Diam. (d)	Thickness (T)
FR1202	$\frac{1}{8}''$	$\frac{1}{8}''$	.014"
FR1205	$\frac{3}{16}''$	$\frac{3}{16}''$	.015"

FIX — SPIRE — SIMMONDS PLATE TYPE



ABBREVIATIONS

L = Length
T = Thickness

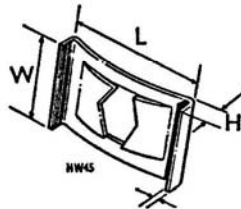
W = Width

Suffix /9 to Part No. denotes 1 coat Zinc Chromate paint — Colour, Olive Green

FP

Part No.	Length (L)	Width (W)	Thickness (T)	Stud Diameter
FP1002	$\frac{1}{2}$ "	$\frac{1}{2}$ "	-.014"	$\frac{1}{8}$ "
FP1004	$\frac{3}{16}$ "	$\frac{1}{2}$ "	-.015"	$\frac{3}{32}$ "
FP1005	$\frac{1}{2}$ "	$\frac{1}{2}$ "	-.015"	$\frac{1}{16}$ "
FP1007	$\frac{3}{4}$ "	$\frac{1}{2}$ "	-.016"	$\frac{1}{8}$ "
FP1012	$\frac{1}{2}$ "	$\frac{1}{2}$ "	-.016"	$\frac{1}{8}$ "
FP1012/9	$\frac{1}{2}$ "	$\frac{1}{2}$ "	-.016"	$\frac{1}{8}$ "
FP1051	$\frac{7}{16}$ "	$\frac{1}{2}$ "	-.014"	$\frac{3}{32}$ "
FP1052/9	$\frac{1}{2}$ "	$\frac{1}{2}$ "	-.016"	$\frac{1}{8}$ "

FIX — SIMMONDS TURNED END TYPE



ABBREVIATIONS

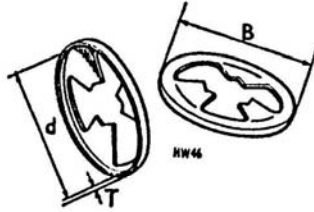
L = Length
W = Width

H = Height
T = Thickness

FW

Part No.	Length (L)	Width (W)	Height (H)	Thickness (T)	Stud Diameter
FW1105	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{8}$ "	-.015"	$\frac{1}{16}$ "
FW1155/9	1"	$\frac{3}{4}$ "	$\frac{1}{8}$ "	-.018"	$\frac{1}{16}$ "
FW1107	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{8}$ "	-.016"	$\frac{1}{8}$ "
FW1109	1"	$\frac{3}{4}$ "	$\frac{1}{8}$ "	-.018"	$\frac{3}{32}$ "

FIX — SIMMONDS ROUND TYPE



ABBREVIATIONS

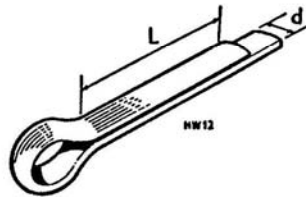
B = Outside Diameter
T = Thickness

d = Inside Diameter

FX

Part No.	Stud Diameter	Outside Diameter (B)	Inside Diameter (d)	Thickness (T)
FX3203	$\frac{7}{16}''$	$\frac{7}{16}''$	.487"	.018"

PIN — COTTER (SPLIT)



ABBREVIATIONS

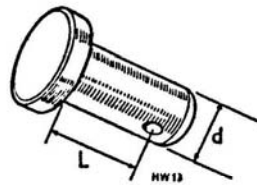
d = Diameter

L = Length

PC

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
PC0005	$\frac{1}{16}''$	$\frac{7}{16}''$	PC0035	$\frac{3}{16}''$	$\frac{3}{8}''$
PC0007	$\frac{1}{16}''$	$\frac{1}{2}''$	PC0036	$\frac{3}{16}''$	1"
PC0008	$\frac{1}{16}''$	$\frac{3}{8}''$	PC0037	$\frac{1}{8}''$	$1\frac{1}{2}''$
PC0009	$\frac{3}{32}''$	$\frac{3}{4}''$	PC0038	$\frac{3}{16}''$	$1\frac{1}{2}''$
PC0010	$\frac{3}{32}''$	$\frac{7}{8}''$	PC0039	$\frac{7}{32}''$	$\frac{3}{4}''$
PC0011	$\frac{3}{32}''$	1"	PC0040	$\frac{3}{16}''$	$1\frac{1}{2}''$
PC0012	$\frac{1}{8}''$	$1\frac{1}{8}''$	PC0041	$\frac{1}{4}''$	$\frac{3}{4}''$
PC0013	$\frac{1}{8}''$	$1\frac{1}{2}''$	PC0042	$\frac{5}{16}''$	$\frac{7}{8}''$
PC0014	$\frac{1}{8}''$	$1\frac{3}{8}''$	PC0043	$\frac{3}{8}''$	$\frac{3}{4}''$
PC0015	$\frac{1}{8}''$	$1\frac{1}{2}''$	PC0044	$\frac{3}{8}''$	$1\frac{1}{2}''$
PC0016	$\frac{1}{8}''$	$1\frac{3}{4}''$	PC0045	$\frac{3}{8}''$	$1\frac{1}{2}''$
PC0017	$\frac{1}{8}''$	$\frac{3}{4}''$	PC0046	$\frac{1}{2}''$	$\frac{1}{2}''$
PC0018	$\frac{3}{16}''$	$1\frac{1}{8}''$	PC0047	$\frac{1}{2}''$	$\frac{3}{4}''$
PC0019	$\frac{1}{8}''$	$\frac{7}{8}''$	PC0048	$\frac{3}{8}''$	$\frac{3}{4}''$
PC0020	$\frac{1}{8}''$	1"	PC0049	$\frac{3}{8}''$	1"
PC0021	$\frac{3}{16}''$	$1\frac{1}{2}''$	PC0050	$\frac{7}{16}''$	$\frac{3}{4}''$
PC0022	$\frac{3}{16}''$	$1\frac{1}{2}''$	PC0051	$\frac{1}{4}''$	$\frac{3}{4}''$
PC0025	$\frac{3}{16}''$	$2\frac{1}{4}''$	PC0052	$\frac{1}{4}''$	$1\frac{1}{2}''$
PC0028	$\frac{7}{16}''$	$2\frac{1}{2}''$	PC0053	$\frac{1}{4}''$	$1\frac{1}{2}''$
PC0030	$\frac{1}{4}''$	$2\frac{3}{4}''$	PC0054	$\frac{3}{16}''$	$\frac{7}{8}''$
PC0033	$\frac{1}{16}''$	$\frac{3}{8}''$	PC0055	$\frac{1}{8}''$	$\frac{3}{4}''$
PC0034	$\frac{3}{32}''$	$\frac{1}{2}''$			

PIN — JOINT



d = Diameter

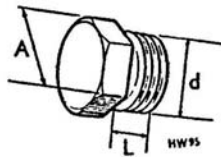
ABBREVIATIONS

L = Length

PJ

Part No.	Diam. (d)	Length (L)	Use with Cotter Pin	Use with Washer
PJ8502	$\frac{1}{8}$ "	$\frac{1}{2}$ "	PC0005	WP0005
PJ8503	$\frac{1}{8}$ "	$\frac{3}{4}$ "	PC0005	WP0005
PJ8504	$\frac{1}{8}$ "	$\frac{1}{2}$ "	PC0005	WP0005
PJ8505	$\frac{1}{8}$ "	$\frac{3}{4}$ "	PC0005	WP0005
PJ8506	$\frac{1}{8}$ "	$\frac{1}{2}$ "	PC0005	WP0005
PJ8507	$\frac{1}{8}$ "	$\frac{3}{4}$ "	PC0005	WP0005
PJ8704	$\frac{1}{4}$ "	$\frac{1}{2}$ "	PC0007	WP0007
PJ8706	$\frac{1}{4}$ "	$\frac{3}{4}$ "	PC0007	WP0007
PJ8708	$\frac{1}{4}$ "	$\frac{1}{2}$ "	PC0007	WP0007
PJ8709	$\frac{1}{4}$ "	$\frac{3}{4}$ "	PC0007	WP0007
PJ8711	$\frac{1}{4}$ "	$\frac{1}{2}$ "	PC0007	WP0007
PJ8712	$\frac{1}{4}$ "	$\frac{3}{4}$ "	PC0007	WP0007
PJ8717	$\frac{1}{4}$ "	$1\frac{1}{8}$ "	PC0007	WP0007
PJ8718	$\frac{1}{4}$ "	$1\frac{1}{2}$ "	PC0007	WP0007
PJ8719	$\frac{1}{4}$ "	$1\frac{3}{4}$ "	PC0007	WP0007
PJ8806	$\frac{1}{8}$ "	$\frac{1}{2}$ "	PC0009	WP0008
PJ8808	$\frac{1}{8}$ "	$\frac{3}{4}$ "	PC0009	WP0008
PJ8809	$\frac{1}{8}$ "	$\frac{1}{2}$ "	PC0009	WP0008
PJ8810	$\frac{1}{8}$ "	$\frac{3}{4}$ "	PC0009	WP0008
PJ8811	$\frac{1}{8}$ "	$\frac{1}{2}$ "	PC0009	WP0008
PJ8812	$\frac{1}{8}$ "	$\frac{3}{4}$ "	PC0009	WP0008
PJ8815	$\frac{1}{8}$ "	$1\frac{1}{8}$ "	PC0009	WP0008
PJ8819	$\frac{1}{8}$ "	$1\frac{3}{4}$ "	PC0009	WP0008
PJ8832	$\frac{1}{8}$ "	$2\frac{1}{2}$ "	PC0009	WP0008
PJ8919	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	PC0009	WP0009
PJ8927	$\frac{3}{8}$ "	$1\frac{3}{4}$ "	PC0009	WP0009
PJ8944	$\frac{3}{8}$ "	$2\frac{3}{4}$ "	PC0009	WP0009
PJ9012	$\frac{1}{8}$ "	$\frac{3}{4}$ "	PC0010	WP0010
PJ9113	$\frac{1}{4}$ "	$\frac{3}{4}$ "	PC0012	WP0011
PJ9444	$\frac{3}{8}$ "	$2\frac{3}{4}$ "	PC0014	WP0014

PLUG — BRASS



d = Thread Diameter
A = Across Flats

ABBREVIATIONS

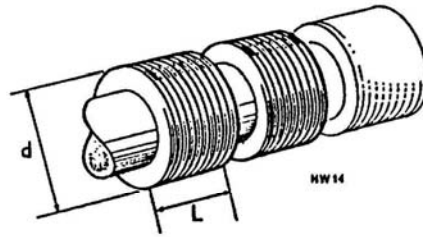
L = Thread Length
NF = National Fine Thread

SP68

V

Part No.	Thread Diameter (d)	Thread Length (L)	Across Flats (A)
SP68B	$\frac{1}{4}$ " GAS	$\frac{1}{2}$ "	$\frac{1}{2}$ "
SP68D	$\frac{1}{2}$ " GAS	$\frac{1}{2}$ "	$\frac{1}{2}$ "
SP68J	$\frac{3}{8}$ " GAS	$\frac{3}{4}$ "	$\frac{1}{2}$ "
V7535	$\frac{3}{8}$ " N.F.	$\frac{1}{2}$ "	.798"

PLUG — CORE — SCREWED



d = Diameter
NF = National Fine Thread
NC = National Coarse Thread
GAS = Gas Thread

L = Length
UNF = Unified Fine Thread
UNC = Unified Coarse Thread
BSF = British Standard Fine Thread

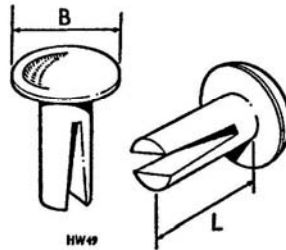
PS PU

SP69

SP70

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
PS0804	$\frac{1}{16}$ " N.F.	$\frac{1}{2}$ "	PU0502	No. 10 U.N.F.	$\frac{1}{2}$ "
PS0954	$\frac{3}{16}$ " N.C.	$\frac{1}{2}$ "	PU0753	$\frac{1}{4}$ " U.N.C.	$\frac{3}{8}$ "
PS1004	$\frac{1}{8}$ " N.F.	$\frac{1}{2}$ "	PU0804	$\frac{1}{16}$ " U.N.F.	$\frac{1}{2}$ "
PS1103	$\frac{1}{4}$ " N.F.	$\frac{3}{8}$ "	PU0902	$\frac{3}{8}$ " U.N.F.	$\frac{1}{2}$ "
PS1203	$\frac{1}{8}$ " N.F.	$\frac{3}{8}$ "	PU1203	$\frac{1}{16}$ " U.N.F.	$\frac{3}{8}$ "
PS1503	$\frac{7}{8}$ " N.F.	$\frac{3}{8}$ "	PU1404	$\frac{3}{8}$ " U.N.F.	$\frac{1}{2}$ "
PS1505	$\frac{7}{8}$ " N.F.	$\frac{3}{8}$ "	PU1405	$\frac{3}{8}$ " U.N.F.	$\frac{3}{8}$ "
PS1507	$\frac{7}{8}$ " N.F.	$\frac{7}{8}$ "	PU1503	$\frac{1}{2}$ " U.N.F.	$\frac{3}{8}$ "
PS1603	1" N.F.	$\frac{3}{8}$ "	PU1605	1" U.N.F.	$\frac{3}{8}$ "
SP69B	$\frac{1}{2}$ " GAS	$\frac{1}{2}$ "	SP69W	$\frac{1}{2}$ " B.S.F.	$\frac{3}{8}$ "
SP69C1	$\frac{3}{8}$ " GAS	$\frac{1}{2}$ "	SP69W1	$\frac{1}{16}$ " B.S.F.	$\frac{3}{8}$ "
			SP70C	$\frac{1}{2}$ " GAS	$\frac{3}{8}$ "

RIVET — BIFURCATED

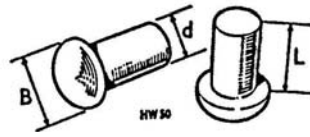


d = Shank Diameter
L = Length

B = Head Diameter

Part No.	Shank Diameter (d)	Head Diameter (B)	Length (L)	Head
RB5406	.121"/-117"	.218"	$\frac{3}{8}$ "	Ordinary Oval
RB5504	.155"/-150"	.313"	$\frac{1}{2}$ "	Ordinary Oval
RB5508	.155"/-150"	.313"	$\frac{1}{2}$ "	Ordinary Oval
RB5510	.155"/-150"	.313"	$\frac{3}{8}$ "	Ordinary Oval
RB6509	.155"/-150"	.406"	$\frac{7}{8}$ "	Large Oval
RB5608	.200"/-195"	.375"	$\frac{1}{2}$ "	Ordinary Oval
SP92BE4	$\frac{1}{8}$ "		$\frac{3}{8}$ "	Ordinary Oval
SP92BE2	$\frac{3}{16}$ "		$\frac{3}{8}$ "	Ordinary Oval
SP92BE6	$\frac{7}{16}$ "		$\frac{3}{8}$ "	Ordinary Oval
SP92EE4	$\frac{1}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{2}$ "	Ordinary Oval

RIVET — ROUND HEAD



ABBREVIATIONS

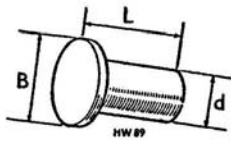
d = Shank Diameter
B = Head Diameter

L = Length

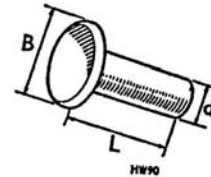
RR
SP91

Part No.	Shank Diameter (d)	Head Diameter (B)	Length (L)
RR0606	$\frac{3}{16}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
RR0607	$\frac{7}{16}$ "	$\frac{11}{16}$ "	$\frac{7}{16}$ "
SP91A2	$\frac{1}{8}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ "
SP91B1	$\frac{3}{16}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ "
SP91B2	$\frac{1}{8}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ "
SP91B3	$\frac{3}{16}$ "	$\frac{17}{16}$ "	$\frac{1}{2}$ "
SP91C1	$\frac{3}{16}$ "	$\frac{5}{16}$ "	$\frac{7}{16}$ "
SP91C2	$\frac{1}{8}$ "	$\frac{5}{16}$ "	$\frac{7}{16}$ "
SP91C3	$\frac{3}{16}$ "	$\frac{17}{16}$ "	$\frac{7}{16}$ "
SP91D2	$\frac{1}{8}$ "	$\frac{5}{16}$ "	$\frac{3}{4}$ "
SP91E4	$\frac{7}{16}$ "	$\frac{11}{16}$ "	$\frac{7}{16}$ "
SP91F4	$\frac{1}{8}$ "	$\frac{11}{16}$ "	$\frac{1}{2}$ "
SP91G2	$\frac{1}{8}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ "
SP91G4	$\frac{3}{16}$ "	$\frac{11}{16}$ "	$\frac{1}{2}$ "
SP91G6	$\frac{1}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
SP91H6	$\frac{1}{8}$ "	$\frac{7}{16}$ "	$\frac{3}{4}$ "
SP91K6	$\frac{1}{8}$ "	$\frac{7}{16}$ "	1 "

RIVET — FLAT HEAD



The above Dimensions apply when rivets are not made to BSS641.



The above Dimensions apply when rivets are made to BSS641.

ABBREVIATIONS

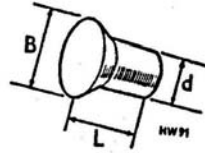
B = Head Diameter
(d) = Shank Diameter

L = Length

SP92

Part No.	Shank Diam. (d)	Head Diam. (B) for Rivets not to BSS641	Head Diam. (B) for Rivets made to BSS641	Length (L)
SP92AB4	$\frac{3}{16}$ "	$\frac{11}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
SP92AC2	$\frac{1}{8}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ "	$\frac{7}{16}$ "
SP92AD6	$\frac{1}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "
SP92AE6	$\frac{1}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{7}{16}$ "
SP92AG6	$\frac{1}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "
SP92AP6	$\frac{1}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{7}{16}$ "

RIVET — COUNTERSUNK — 90°



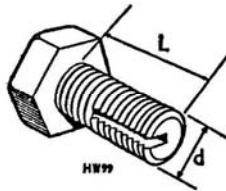
ABBREVIATIONS

d = Shank Diameter B = Head Diameter
L = Length

SP92

Part No.	Shank Diameter (d)	Head Diameter (B)	Length (L)
SP92A2	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{4}$ "
SP92C4	$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{1}{4}$ "

SCREW — HEXAGON HEAD — THREAD CUTTING (Barber and Colman Type I)



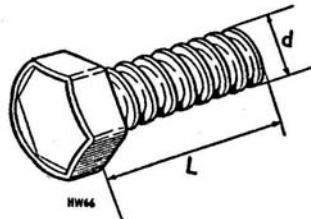
ABBREVIATIONS

d = Diameter L = Length
UNF = Unified Fine Thread

BT

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
BT7510	No. 10 U.N.F.	$\frac{3}{8}$ "	BT7712	$\frac{1}{4}$ " U.N.F.	$\frac{3}{8}$ "
BT7708	$\frac{1}{4}$ " U.N.F.	$\frac{1}{2}$ "	BT7714	$\frac{1}{4}$ " U.N.F.	$\frac{7}{8}$ "
BT7710	$\frac{1}{4}$ " U.N.F.	$\frac{1}{2}$ "	BT7810	$\frac{3}{16}$ " U.N.F.	$\frac{1}{2}$ "
			BT7822	$\frac{3}{16}$ " U.N.F.	$1\frac{1}{8}$ "

SCREW — HEXAGON — ACME THREAD



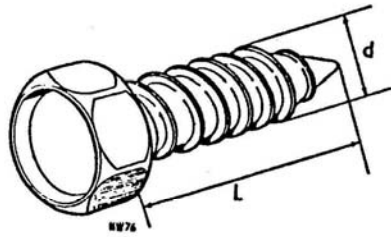
ABBREVIATIONS

d = Diameter L = Length

UL

Part No.	Diameter (d)	Length (L)	Part No.	Diameter (d)	(L) Length
UL2704	$\frac{1}{8}$ "	$\frac{1}{2}$ "	UL2708	$\frac{1}{8}$ "	1"
UL2705	$\frac{1}{8}$ "	$\frac{3}{4}$ "	UL2721	$\frac{1}{8}$ "	$1\frac{1}{2}$ "
UL2706	$\frac{1}{8}$ "	$\frac{3}{4}$ "	UL2806	$\frac{3}{16}$ "	$\frac{3}{4}$ "

SCREW — SPIRE SPEED — HEXAGON HEAD



ABBREVIATIONS

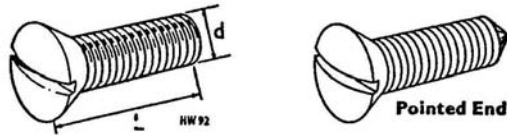
d = Diameter
A = 'A' Type Thread

L = Length
J = 'J' Type Thread

YT

Part No.	Diameter (d)	Length (L)	Thread Type
YT3704	No. 14	1/2"	A
YT3706	No. 14	3/4"	A
YT3707	No. 14	7/8"	A
YT3711	No. 14	1 1/2"	A
YT3806	7/8"	3/4"	A
YT3807	7/8"	7/8"	A
YT3809	7/8"	1 1/4"	A
YT3812	7/8"	1 1/2"	A
YT5708/P	No. 14	1"	J

SCREW — RAISED HEAD — OVAL COUNTERSUNK (90°)



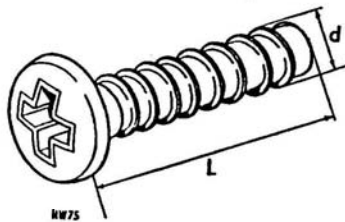
ABBREVIATIONS

d = Diameter
L = Length

B.A. = British Association Thread
Suffix /P denotes Pointed End

Part No.	Diam. (d)	Length (L)
SP114BO	4 B.A.	3/4"
SP114EIP	2 B.A.	3/4"

SCREW — SIMMONDS SPIRE SPEED TYPE



ABBREVIATIONS

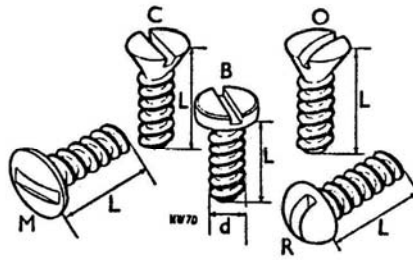
d = Diameter

L = Length

YS

Part No.	Diameter (d)	Length (L)	Head Type
YS3586	No. 10	3/4"	R (round)

SCREW — G.K.N. — PARKER KALON 'J' TYPE
 (For use with Simmonds Fix Nuts)



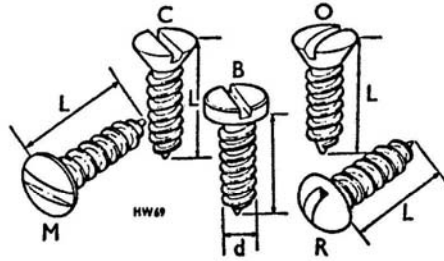
ABBREVIATIONS

- | | |
|----------------------------------|----------------------------------|
| B = Pan Head | O = Oval Countersunk Head |
| C = Flat Countersunk Head | R = Round Head |
| M = Mushroom Head | d = Diameter |
| L = Length | |

YJ

art No.	Diameter (d)	Length (L)	Head Type
J2182	No. 10	1/2"	R
J2303	No. 6	3/8"	B
J2304	No. 6	1/2"	B
J2323	No. 6	3/8"	C
J2324	No. 6	1/2"	C
J2342	No. 6	3/8"	M
J2363	No. 6	3/8"	O
J2383	No. 6	3/8"	R
J2402	No. 8	1/2"	B
J2403	No. 8	3/8"	B
J2404	No. 8	1/2"	B
J2424	No. 8	1/2"	C
J2425	No. 8	3/8"	C
J2443	No. 8	3/8"	M
J2444	No. 8	1/2"	M
J2464	No. 8	1/2"	O
J2483	No. 8	3/8"	R
J2484	No. 8	1/2"	R
J2488	No. 8	1"	R
J2503	No. 10	3/8"	B
J2504	No. 10	1/2"	B
J2505	No. 10	3/8"	B
J2506	No. 10	3/8"	B
J2526	No. 10	3/8"	C
J2543	No. 10	3/8"	M
J2544	No. 10	1/2"	M
J2545	No. 10	3/8"	M
J2546	No. 10	3/8"	M
J2552	No. 10	1 1/2"	M
J2565	No. 10	3/8"	O
J2586	No. 10	3/8"	R
J2604	No. 12	1/2"	B
J2644	No. 12	1/2"	M
J2645	No. 12	3/8"	M
J2684	No. 12	1/2"	R
J2685	No. 12	3/8"	R

SCREW — SELF TAPPING 'A' TYPE



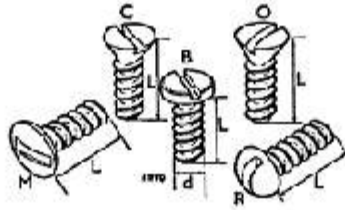
ABBREVIATIONS

- B = Pan Head
- C = Flat Countersunk Head
- O = Oval Countersunk Head
- L = Length
- M = Mushroom Head
- R = Round Head
- d = Diameter

YA

Part No.	Diam. (d)	Length (L)	Head Type	Part No.	Diam. (d)	Length (L)	Head Type
\0002	No. 7	1/2"	B	YA0383	No. 6	3/8"	R
\0102	No. 4	1/2"	B	YA0384	No. 6	1/2"	R
\0103	No. 4	3/4"	B	YA0403	No. 8	3/8"	B
\0104	No. 4	1/2"	B	YA0404	No. 8	1/2"	B
\0108	No. 4	1"	B	YA0405	No. 8	3/4"	B
\0123	No. 4	3/4"	C	YA0406	No. 8	3/4"	B
\0124	No. 4	1/2"	C	YA0410	No. 8	1 1/2"	B
\0127	No. 4	7/8"	C	YA0423	No. 8	3/4"	C
\0142	No. 4	1/2"	M	YA0424	No. 8	1/2"	C
\0143	No. 4	3/4"	M	YA0426	No. 8	3/4"	C
\0163	No. 4	3/4"	O	YA0443	No. 8	3/8"	M
\0164	No. 4	1/2"	O	YA0444	No. 8	1/2"	M
\0165	No. 4	3/4"	O	YA0445	No. 8	3/4"	M
\0166	No. 4	3/4"	O	YA0465	No. 8	3/4"	O
\0167	No. 4	7/8"	O	YA0466	No. 8	3/4"	O
\0183	No. 4	3/4"	R	YA0483	No. 8	3/4"	R
\0184	No. 4	1/2"	R	YA0484	No. 8	1/2"	R
\0302	No. 6	1/2"	B	YA0503	No. 10	3/8"	B
\0303	No. 6	3/8"	B	YA0504	No. 10	1/2"	B
\0304	No. 6	1/2"	B	YA0505	No. 10	3/8"	B
\0305	No. 6	3/8"	B	YA0507	No. 10	7/8"	B
\0306	No. 6	3/4"	B	YA0510	No. 10	1 1/2"	B
\0322	No. 6	1/2"	C	YA0526	No. 10	3/4"	C
\0324	No. 6	1/2"	C	YA0542	No. 10	1/2"	M
\0325	No. 6	3/8"	C	YA0564	No. 10	1/2"	O
\0326	No. 6	3/4"	C	YA0565	No. 10	3/8"	O
\0330	No. 6	1 1/2"	C	YA0583	No. 10	3/4"	R
\0343	No. 6	3/8"	M	YA0584	No. 10	1/2"	R
\0346	No. 6	3/4"	M	YA0585	No. 10	3/4"	R
\0364	No. 6	1/2"	O	YA0625	No. 12	3/8"	C
\0365	No. 6	3/4"	O	YA0644	No. 12	1/2"	M
\0366	No. 6	3/4"	O	YA0645	No. 12	3/4"	M
\0368	No. 6	1"	O	YA0785	No. 14	3/8"	R
\0370	No. 6	1 1/2"	O				

SCREW — SELF TAPPING 'B' TYPE



ABBREVIATIONS

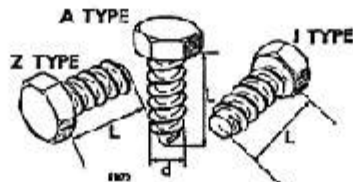
- D — Fan Head
- C — Flat Countersunk Head
- O — Oval Countersunk Head
- L = Length
- M — Mushroom Head
- R — Round Head
- d — Diameter

YB

Part No.	Diameter (d)	Length (L)	Head Type
Y21024	No. 7	1/2"	R
Y31102	No. 4	1/2"	B
Y31222	No. 6	3/4"	C
Y31332	No. 6	3/4"	R
Y31402	No. 8	3/4"	B
V31404	No. 8	1/2"	B
Y31424	No. 8	1/2"	C
Y31432	No. 8	3/4"	R
Y31502	No. 10	3/4"	B
Y31524	No. 10	1/2"	B
T31532	No. 10	3/4"	O
Y31532	No. 10	3/4"	R
Y31554	No. 10	1/2"	R
Y31622	No. 12	3/4"	B
Y31702	No. 14	3/4"	B
SP123CB6	No. 4	1/2"	C

SP123

SCREW — SELF TAPPING — HEXAGON HEAD



- *A' Type — Not suitable for Panels thicker than 16G (054")
- *Z' Type — Not suitable for Panels thicker than 16G (199")
- 'U' Type — Are for use with appropriate Simmonds spiro nuts

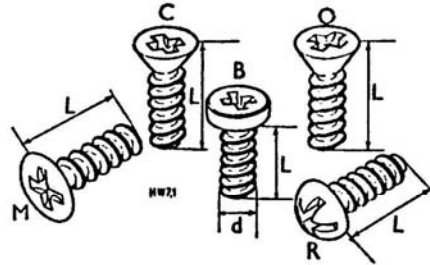
ABBREVIATIONS

- d = Diameter
- L = Length

YH

Part No.	Diameter (d)	Length (L)	Thread Type	Part No.	Diameter (d)	Length (L)	Thread Type
YH-401	No. 8	1/2"	A	YH7502	No. 10	1/2"	Z
YH6404	No. 8	1/2"	A	YH7503	No. 10	3/4"	Z
YH6405	No. 8	3/4"	A	YH7505	No. 10	3/4"	Z
YH6504	No. 10	1/2"	A	YH7704	1/2"	1/2"	Z
YH6505	No. 10	3/4"	A	YH8504	No. 10	1/2"	J
YH6506	No. 10	3/4"	A	YH8505	No. 10	3/4"	J
YH6604	No. 12	1/2"	A	YH8506	No. 10	3/4"	J
YH6605	No. 12	3/4"	A	YH8604	No. 12	1/2"	J
YH6704	1/2"	1/2"	A	YH8605	No. 12	3/4"	J
YH7405	No. 8	1/2"	Z	YH8704	1/2"	1/2"	J
YH7406	No. 8	3/4"	Z	YH8706	1/2"	3/4"	J

SCREW — CROSS RECESS — SIMMONDS 'J' TYPE



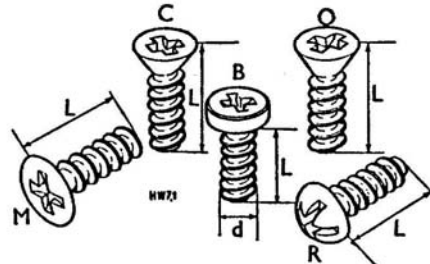
ABBREVIATIONS

- B = Pan Head
- C = Flat Countersunk Head
- M = Mushroom Head
- O = Oval Countersunk Head
- R = Round Head
- d = Diameter
- L = Length

YF

Part No.	Diameter (d)	Length (L)	Head Type
YF7303	No. 6	$\frac{1}{2}$ "	B
YF7304	No. 6	$\frac{3}{8}$ "	B
YF7305	No. 6	$\frac{1}{2}$ "	B
YF7306	No. 6	$\frac{3}{4}$ "	B
YF7403	No. 8	$\frac{1}{2}$ "	B
YF7404	No. 8	$\frac{3}{8}$ "	B
YF7406	No. 8	$\frac{1}{2}$ "	B
YF7503	No. 10	$\frac{3}{8}$ "	B
YF7504	No. 10	$\frac{1}{2}$ "	B
YF7505	No. 10	$\frac{3}{4}$ "	B
YF7506	No. 10	$\frac{1}{2}$ "	B
YF7507	No. 10	$\frac{3}{4}$ "	B
YF7528	No. 10	1"	C
YF7564	No. 10	$\frac{1}{2}$ "	C
YF7604	No. 12	$\frac{1}{2}$ "	B

SCREW, CROSS RECESS — G.K.N. PARKER KALON 'J' TYPE



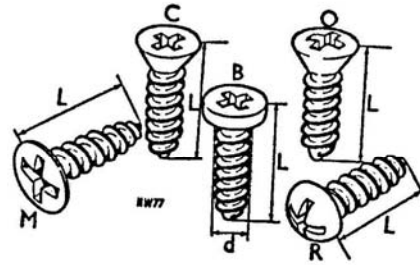
ABBREVIATIONS

- d = Diameter
- B = Pan Head
- M = Mushroom Head
- R = Round Head
- L = Length
- C = Flat Countersunk Head
- O = Oval Countersunk Head

YX

Part No.	Diameter (d)	Length (L)	Head Type
YX5304	No. 6	$\frac{1}{2}$ "	B
YX5305	No. 6	$\frac{3}{8}$ "	B
YX5308	No. 6	1"	B
YX5403	No. 8	$\frac{3}{8}$ "	B
YX5405	No. 8	$\frac{1}{2}$ "	B
YX5407	No. 8	$\frac{3}{4}$ "	B
YX5503	No. 10	$\frac{3}{8}$ "	B
YX5504	No. 10	$\frac{1}{2}$ "	B
YX5505	No. 10	$\frac{3}{4}$ "	B
YX5512	No. 10	1 $\frac{1}{2}$ "	B
YX5543	No. 10	$\frac{3}{4}$ "	M
YX5704	No. 14	$\frac{1}{2}$ "	B

SCREW — SELF TAPPING — CROSS RECESS 'A' TYPE



ABBREVIATIONS

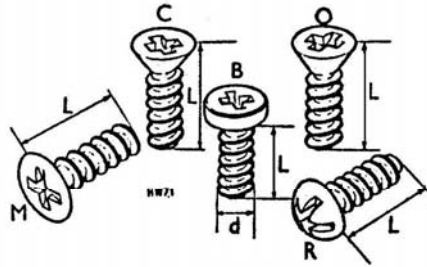
d = Diameter
 B = Pan Head
 M = Mushroom Head
 R = Round Head

L = Length
 C = Flat Countersunk Head
 O = Oval Countersunk Head

YZ

Part No.	Diameter (d)	Length (L)	Head Type
YZ3103	No. 4	3/8"	B
YZ3104	No. 4	1/2"	B
YZ3123	No. 4	3/8"	C
YZ3142	No. 4	1/2"	M
YZ3162	No. 4	1/2"	O
YZ3163	No. 4	3/8"	O
YZ3164	No. 4	1/2"	O
YZ3302	No. 6	1/2"	B
YZ3303	No. 6	3/8"	B
YZ3304	No. 6	1/2"	B
YZ3305	No. 6	3/8"	B
YZ3310	No. 6	1 1/2"	B
YZ3324	No. 6	1/2"	C
YZ3327	No. 6	7/8"	C
YZ3344	No. 6	1/2"	M
YZ3363	No. 6	3/8"	O
YZ3364	No. 6	1/2"	O
YZ3366	No. 6	3/8"	O
YZ3367	No. 6	7/8"	O
YZ3370	No. 6	1 1/2"	O
YZ3383	No. 6	3/8"	R
YZ3403	No. 8	3/8"	B
YZ3404	No. 8	1/2"	B
YZ3405	No. 8	3/8"	B
YZ3406	No. 8	3/8"	B
YZ3407	No. 8	7/8"	B
YZ3410	No. 8	1 1/2"	B
YZ3425	No. 8	3/8"	C
YZ3426	No. 8	3/8"	C
YZ3444	No. 8	1/2"	M
YZ3466	No. 8	3/8"	O
YZ3467	No. 8	7/8"	O
YZ3468	No. 8	1"	O
YZ3503	No. 10	3/8"	B
YZ3504	No. 10	1/2"	B
YZ3505	No. 10	3/8"	B
YZ3507	No. 10	7/8"	B
YZ3544	No. 10	1/2"	M

SCREW — CROSS RECESS — SELF TAPPING SCREW 'B' TYPE



ABBREVIATIONS

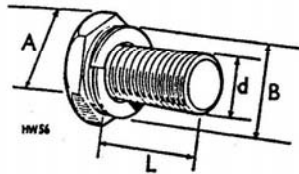
d = Diameter
 B = Pan Head
 M = Mushroom Head
 R = Round Head

L = Length
 C = Flat Countersunk Head
 O = Oval Countersunk Head

YY

Part No.	Diameter (d)	Length (L)	Head Type
YY4123	No. 4	$\frac{1}{2}$ "	C
YY4304	No. 6	$\frac{1}{2}$ "	B
YY4403	No. 8	$\frac{1}{2}$ "	B

SETSCREW — HEXAGON — SEMS (SPRING WASHER)



ABBREVIATIONS

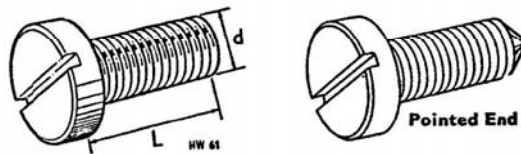
d = Diameter
 A = Dimension across Flats
 UNF = Unified Fine Thread

L = Length
 B = Washer Outer Diameter

MA

Part No.	Diameter (d)	Length (L)	Across Flats (A)	Outer Washer Diameter (B)	Washer Thickness
MA0805	$\frac{1}{16}$ " U.N.F.	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.556"	.080"

SETSCREW — FILISTER HEAD



ABBREVIATIONS

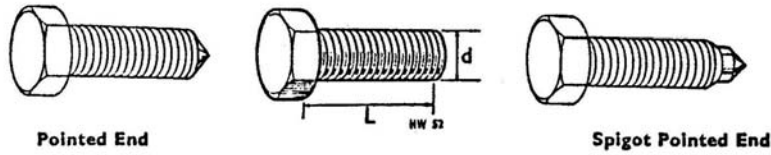
d = Diameter
 NF = National Fine Thread

L = Length
 Suffix P denotes Pointed End

TF

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
TF2202	No. 5 N.F.	$\frac{1}{2}$ "	TF2512	No. 10 N.F.	$1\frac{1}{2}$ "
TF2205	No. 5 N.F.	$\frac{3}{8}$ "	TF2704P	$\frac{1}{4}$ " N.F.	$\frac{1}{2}$ "
TF2503	No. 10 N.F.	$\frac{3}{8}$ "	TF2705	$\frac{1}{2}$ " N.F.	$\frac{3}{8}$ "
TF2504	No. 10 N.F.	$\frac{1}{2}$ "	TF2706P	$\frac{1}{4}$ " N.F.	$\frac{3}{4}$ "
TF2505	No. 10 N.F.	$\frac{3}{8}$ "			

SETSCREW — HEXAGON HEAD



ABBREVIATIONS

d = Diameter
NF = National Fine Thread
NC = National Coarse Thread
 Suffix **/P** denotes Pointed End
 Suffix **/D** denotes Spigot Pointed End
BSF = British Standard Fine Thread

L = Length
UNF = Unified Fine Thread
UNC = Unified Coarse Thread
B.A. = British Association Thread
 Suffix **KP** to Part No. denotes Cadmium Plated

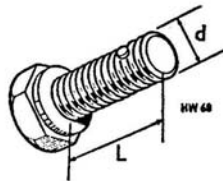
HU

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
HU0353	No. 6 U.N.C.	3/8"	HU0807	5/16" U.N.F.	7/8"
HU0354	No. 6 U.N.C.	1/2"	HU0807D	5/16" U.N.F.	7/8"
HU0454	No. 8 U.N.C.	1/2"	HU0807P	5/16" U.N.F.	7/8"
HU0456	No. 8 U.N.C.	3/4"	HU0808	5/16" U.N.F.	1"
HU0502	No. 10 U.N.F.	1/2"	HU0808D	5/16" U.N.F.	1"
HU0503	No. 10 U.N.F.	3/4"	HU0808P	5/16" U.N.F.	1"
HU0503P	No. 10 U.N.F.	3/4"	HU0809	5/16" U.N.F.	1 1/8"
HU0504	No. 10 U.N.F.	1/2"	HU0810	5/16" U.N.F.	1 1/2"
HU0504P	No. 10 U.N.F.	1/2"	HO0810P	5/16" U.N.F.	1 1/2"
HU0505	No. 10 U.N.F.	3/4"	HU0811	5/16" U.N.F.	1 3/8"
HU0505P	No. 10 U.N.F.	3/4"	HU0811P	5/16" U.N.F.	1 3/8"
HU0507	No. 10 U.N.F.	7/8"	HU0812	5/16" U.N.F.	1 1/2"
HU0510	No. 10 U.N.F.	1 1/2"	HU0812P	5/16" U.N.F.	1 1/2"
HU0552	No. 10 U.N.F.	1/2"	HU0813	5/16" U.N.F.	1 3/8"
HU0703	1/2" U.N.F.	3/4"	HU0814	5/16" U.N.F.	1 3/8"
HU0704	1/2" U.N.F.	1/2"	HU0815	5/16" U.N.F.	1 7/8"
HU0704P	1/2" U.N.F.	1/2"	HU0816	5/16" U.N.F.	2"
HU0705	1/2" U.N.F.	3/4"	HU0817	5/16" U.N.F.	2 1/2"
HU0705P	1/2" U.N.F.	3/4"	HU0818	5/16" U.N.F.	2 1/2"
HU0706	1/2" U.N.F.	3/4"	HU0818P	5/16" U.N.F.	2 1/2"
HU0706P	1/2" U.N.F.	3/4"	HU0819	5/16" U.N.F.	2 3/8"
HU0707	1/2" U.N.F.	7/8"	HU0820	5/16" U.N.F.	2 1/2"
HU0707P	1/2" U.N.F.	7/8"	HU0824	5/16" U.N.F.	3"
HU0708	1/2" U.N.F.	1"	HU0854	5/16" U.N.C.	1 1/2"
HU0708D	1/2" U.N.F.	1"	HU0855	5/16" U.N.C.	3/4"
HU0708P	1/2" U.N.F.	1"	HU0856	5/16" U.N.C.	3/4"
HU0709	1/2" U.N.F.	1 1/8"	HU0857	5/16" U.N.C.	7/8"
HU0711	1/2" U.N.F.	1 3/8"	HU0858	5/16" U.N.C.	1"
HU0711P	1/2" U.N.F.	1 3/8"	HU0859	5/16" U.N.C.	1 1/2"
HU0712	1/2" U.N.F.	1 1/2"	HU0860	5/16" U.N.C.	1 1/2"
HU0713	1/2" U.N.F.	1 3/8"	HU0866	5/16" U.N.C.	2"
HU0714	1/2" U.N.F.	1 3/8"	HU0869	5/16" U.N.C.	2 3/8"
HU0715	1/2" U.N.F.	1 7/8"	HU0904	3/8" U.N.F.	1 1/2"
HU0716	1/2" U.N.F.	2"	HU0905	3/8" U.N.F.	3/4"
HU0716P	1/2" U.N.F.	2"	HU0906	3/8" U.N.F.	3/4"
HU0717	1/2" U.N.F.	2 1/2"	HU0907	3/8" U.N.F.	7/8"
HU0754	1/2" U.N.C.	1 1/2"	HU0907P	3/8" U.N.F.	7/8"
HU0755	1/2" U.N.C.	3/4"	HU0908	3/8" U.N.F.	1"
HU0756	1/2" U.N.C.	3/4"	HU0908P	3/8" U.N.F.	1"
HU0757	1/2" U.N.C.	7/8"	HU0909	3/8" U.N.F.	1 1/8"
HU0803	5/16" U.N.F.	3/4"	HU0909P	3/8" U.N.F.	1 1/8"
HU0804	5/16" U.N.C.	1/2"	HU0910	3/8" U.N.F.	1 1/2"
HU0804P	5/16" U.N.F.	1/2"	HU0910P	3/8" U.N.F.	1 1/2"
HU0805	5/16" U.N.F.	3/4"	HU0911	3/8" U.N.F.	1 3/8"
HU0805P	5/16" U.N.F.	3/4"	HU0911P	3/8" U.N.F.	1 3/8"
HU0806	5/16" U.N.F.	3/4"	HU0912	3/8" U.N.F.	1 1/2"
HU0806P	5/16" U.N.F.	3/4"	HU0913	3/8" U.N.F.	1 3/8"

SETSCREW—HEXAGON HEAD (Continued)

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
HU UH HU0914	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{2}$ "	UH0705P	$\frac{1}{4}$ " N.F.	$\frac{3}{8}$ "
HU0915	$\frac{3}{8}$ " U.N.F.	1 $\frac{3}{4}$ "	UH0706	$\frac{1}{4}$ " N.F.	$\frac{3}{8}$ "
HU0915P	$\frac{3}{8}$ " U.N.F.	1 $\frac{3}{4}$ "	UH0706P	$\frac{1}{4}$ " N.F.	$\frac{3}{8}$ "
HU0918P	$\frac{3}{8}$ " U.N.F.	2 $\frac{1}{4}$ "	UH0708	$\frac{1}{4}$ " N.F.	1"
HU0920	$\frac{3}{8}$ " U.N.F.	2 $\frac{1}{4}$ "	UH0708P	$\frac{1}{4}$ " N.F.	1"
HU0929	$\frac{3}{8}$ " U.N.F.	3 $\frac{1}{4}$ "	UH0714	$\frac{1}{4}$ " N.F.	1 $\frac{1}{2}$ "
HU0953	$\frac{3}{8}$ " U.N.C.	$\frac{3}{8}$ "	UH0755	$\frac{1}{4}$ " N.C.	$\frac{3}{8}$ "
HU0954	$\frac{3}{8}$ " U.N.C.	$\frac{1}{2}$ "	UH0756	$\frac{1}{4}$ " N.C.	$\frac{3}{8}$ "
HU0955	$\frac{3}{8}$ " U.N.C.	$\frac{3}{8}$ "	UH0803	$\frac{7}{16}$ " N.F.	$\frac{3}{8}$ "
HU0956	$\frac{3}{8}$ " U.N.C.	$\frac{3}{8}$ "	UH0804	$\frac{7}{16}$ " N.F.	$\frac{1}{2}$ "
HU0957	$\frac{3}{8}$ " U.N.C.	$\frac{3}{8}$ "	UH0805	$\frac{7}{16}$ " N.F.	$\frac{3}{8}$ "
HU0958	$\frac{3}{8}$ " U.N.C.	1"	UH0806	$\frac{7}{16}$ " N.F.	$\frac{3}{8}$ "
HU0972	$\frac{3}{8}$ " U.N.C.	2 $\frac{3}{4}$ "	UH0808	$\frac{7}{16}$ " N.F.	1"
HU1004	$\frac{7}{16}$ " U.N.F.	$\frac{1}{2}$ "	UH0809	$\frac{7}{16}$ " N.F.	1 $\frac{1}{4}$ "
HU1008	$\frac{7}{16}$ " U.N.F.	1"	UH0811P	$\frac{7}{16}$ " N.F.	1 $\frac{1}{2}$ "
HU1009	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{4}$ "	UH0820	$\frac{7}{16}$ " N.F.	2 $\frac{1}{4}$ "
HU1010	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "	UH0854	$\frac{7}{16}$ " N.C.	$\frac{1}{2}$ "
HU1011	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "	UH0855	$\frac{7}{16}$ " N.C.	$\frac{3}{8}$ "
HU1012	$\frac{7}{16}$ " U.N.F.	1 $\frac{1}{2}$ "	UH0856	$\frac{7}{16}$ " N.C.	$\frac{3}{8}$ "
HU1016	$\frac{7}{16}$ " U.N.F.	2"	UH0857	$\frac{7}{16}$ " N.C.	$\frac{3}{8}$ "
HU1056	$\frac{7}{16}$ " U.N.C.	$\frac{3}{8}$ "	UH0905	$\frac{3}{8}$ " N.F.	$\frac{3}{8}$ "
HU1104	$\frac{1}{2}$ " U.N.F.	$\frac{1}{2}$ "	UH0908	$\frac{3}{8}$ " N.F.	1"
HU1107	$\frac{1}{2}$ " U.N.F.	$\frac{3}{4}$ "	UH0910	$\frac{3}{8}$ " N.F.	1 $\frac{1}{2}$ "
HU1111	$\frac{1}{2}$ " U.N.F.	1 $\frac{1}{2}$ "	UH0911	$\frac{3}{8}$ " N.F.	1 $\frac{1}{2}$ "
HU1157	$\frac{1}{2}$ " U.N.C.	$\frac{3}{8}$ "	UH0915P	$\frac{3}{8}$ " N.F.	1 $\frac{1}{2}$ "
HU1162	$\frac{1}{2}$ " U.N.C.	1 $\frac{1}{2}$ "	UH0953	$\frac{3}{8}$ " N.C.	$\frac{3}{8}$ "
UH0352	No. 6 N.C.	$\frac{1}{2}$ "	UH0954	$\frac{3}{8}$ " N.C.	$\frac{1}{2}$ "
UH0405	No. 8 N.F.	$\frac{3}{8}$ "	UH0955	$\frac{3}{8}$ " N.C.	$\frac{3}{8}$ "
UH0453	No. 8 N.C.	$\frac{3}{8}$ "	UH0972	$\frac{3}{8}$ " N.C.	2 $\frac{3}{4}$ "
UH0502	No. 10 N.F.	$\frac{1}{2}$ "	UH1111	$\frac{1}{2}$ " N.F.	1 $\frac{1}{2}$ "
UH0503	No. 10 N.F.	$\frac{3}{8}$ "	SP83AOKP	4 B.A.	$\frac{1}{2}$ "
UH0503P	No. 10 N.F.	$\frac{3}{8}$ "	SP83B3	$\frac{7}{16}$ " BSF	$\frac{3}{8}$ "
UH0504	No. 10 N.F.	$\frac{1}{2}$ "	SP8302	$\frac{1}{4}$ " BSF	1 $\frac{1}{2}$ "
UH0505	No. 10 N.F.	$\frac{3}{8}$ "	SP8303	$\frac{7}{16}$ " BSF	1 $\frac{1}{2}$ "
UH0505P	No. 10 N.F.	$\frac{3}{8}$ "	SP83E2	$\frac{1}{4}$ " BSF	$\frac{3}{8}$ "
UH0506	No. 10 N.F.	$\frac{3}{8}$ "	SP83E2P	$\frac{1}{4}$ " BSF	$\frac{3}{8}$ "
UH0507	No. 10 N.F.	$\frac{3}{8}$ "	SP83E3	$\frac{7}{16}$ " BSF	$\frac{3}{8}$ "
UH0508	No. 10 N.F.	1"	SP83F2	$\frac{1}{4}$ " BSF	$\frac{3}{8}$ "
UH0703	$\frac{1}{4}$ " N.F.	$\frac{3}{8}$ "	SP83F3	$\frac{7}{16}$ " BSF	$\frac{3}{8}$ "
UH0704	$\frac{1}{4}$ " N.F.	$\frac{1}{2}$ "	SP83H3	$\frac{7}{16}$ " BSF	$\frac{3}{8}$ "
UH0705	$\frac{1}{4}$ " N.F.	$\frac{3}{8}$ "	SP83H3	$\frac{7}{16}$ " BSF	1 $\frac{1}{2}$ "
			SP83H5	$\frac{7}{16}$ " BSF	1 $\frac{1}{2}$ "

SETSCREW — HEXAGON — WEDGLOK



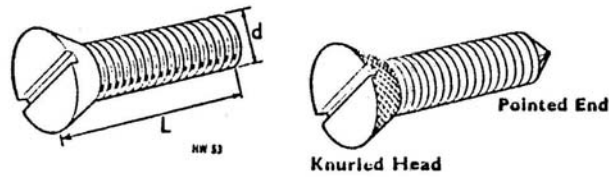
ABBREVIATIONS

d = Diameter
L = Length

UNF = Unified Fine Thread
UNC = Unified Coarse Thread

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
WU WU3705	$\frac{1}{4}$ " U.N.F.	$\frac{3}{8}$ "	WU3908	$\frac{3}{8}$ " U.N.F.	1"
WU3806	$\frac{1}{8}$ " U.N.F.	$\frac{3}{8}$ "	WU3909	$\frac{3}{8}$ " U.N.F.	1 $\frac{1}{4}$ "
WU3857	$\frac{1}{16}$ " U.N.C.	$\frac{3}{8}$ "			

SETSCREW — FLAT COUNTERSUNK 80° HEAD



ABBREVIATIONS

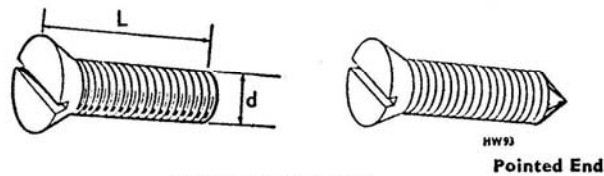
d = Diameter
 L = Length
 Suffix /P denotes Cone Pointed End
 Suffix /K denotes Knurled Head

NF = National Fine Thread
 NC = National Coarse Thread
 UNF = Unified Fine Thread
 UNC = Unified Coarse Thread

KT TK

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
KT4503	No. 10 U.N.F.	3/8"	TK4506	No. 10 N.F.	3/8"
KT4504	No. 10 U.N.F.	1/2"	TK4508	No. 10 N.F.	1"
KT4505	No. 10 U.N.F.	5/8"	TK4512	No. 10 N.F.	1 1/2"
KT4509P	No. 10 U.N.F.	1 1/8"	TK4704	1/4" N.F.	1/2"
KT4704	1/4" U.N.F.	1/2"	TK4704P	1/4" N.F.	1/2"
KT4705	1/4" U.N.F.	3/8"	TK4705	1/4" N.F.	3/8"
KT4706	1/4" U.N.F.	3/4"	TK4705P	1/4" N.F.	3/4"
KT4708	1/4" U.N.F.	1"	TK4706	1/4" N.F.	3/4"
KT4708K	1/4" U.N.F.	1"	TK4706P	1/4" N.F.	3/4"
KT4712	1/4" U.N.F.	1 1/2"	TK4707P	1/4" N.F.	3/4"
KT4755	1/4" U.N.C.	3/8"	TK4708P	1/4" N.F.	1"
KT4756	1/4" U.N.C.	3/8"	TK4710	1/4" N.F.	1 1/2"
KT4762	1/4" U.N.C.	1 1/2"	TK4710P	1/4" N.F.	1 1/2"
TK4206	No. 5 U.N.F.	3/8"	TK4711	1/4" N.F.	1 3/8"
TK4403	No. 8 N.F.	3/8"	TK4712P	1/4" N.F.	1 1/2"
TK4404P	No. 8 N.F.	1/2"	TK4754	1/4" N.C.	1/2"
TK4452	No. 8 N.C.	1/2"	TK4806	7/16" N.F.	3/4"
TK4503	No. 10 N.F.	3/8"	TK4808P	7/16" N.F.	1"
TK4504	No. 10 N.F.	1/2"	TK4811P	7/16" N.F.	1 1/2"
TK4505	No. 10 N.F.	3/4"			

SETSCREW — FLAT COUNTERSUNK (90° HEAD)



ABBREVIATIONS

d = Diameter
 NF = National Fine Thread
 Suffix P denotes Pointed End

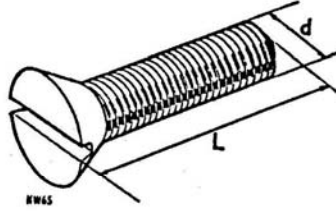
L = Length
 BA = British Association Thread
 BSF = British Standard Fine Thread

YS

SP86

Part No.	Diameter (d)	Length (L)	Part No.	Diameter (d)	Length (L)
V5416	7/16" N.F.	3/8"	SP86B0	4 B.A.	3/8"
V5435	1/4" N.F.	3/8"	SP86B2	1/4" B.S.F.	3/8"
V5453	7/16" N.F.	7/16"	SP86CO	4 B.A.	1/2"
V5456P	7/16" N.F.	3/4"	SP86CI	2 B.A.	1/2"
V5460P	7/16" N.F.	1 1/2"	SP86DOP	4 B.A.	1 1/2"

SETSCREW — FLAT COUNTERSUNK (100° HEAD)



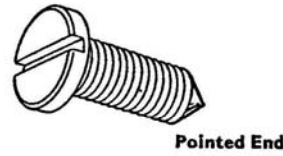
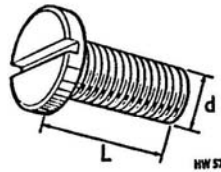
ABBREVIATIONS

d = Diameter
 NF = National Fine Thread
 L = Length

Part No.	Diameter (d)	Length (L)
UK4203	No. 5 N.F.	$\frac{3}{8}$ "
UK4719	$\frac{1}{4}$ " N.F.	$2\frac{1}{8}$ "

UK

SETSCREW — PAN HEAD (BINDING)



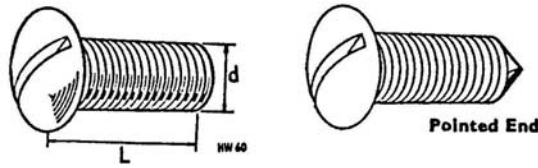
ABBREVIATIONS

d = Diameter
 NF = National Fine Thread
 UNF = Unified Fine Thread
 Suffix P denotes Cone Pointed End
 L = Length
 NC = National Coarse Thread
 UNC = Unified Coarse Thread

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
PT0353	No. 6 U.N.C.	$\frac{3}{8}$ "	TP0403	No. 8 N.F.	$\frac{3}{8}$ "
PT0354	No. 6 U.N.C.	$\frac{1}{2}$ "	TP0404	No. 8 N.F.	$\frac{1}{2}$ "
PT0358	No. 6 U.N.C.	1"	TP0405P	No. 8 N.F.	$\frac{3}{8}$ "
PT0404	No. 8 U.N.F.	$\frac{1}{2}$ "	TP0502	No. 10 N.F.	$\frac{1}{2}$ "
PT0453	No. 8 U.N.C.	$\frac{3}{8}$ "	TP0503	No. 10 N.F.	$\frac{3}{8}$ "
PT0456	No. 8 U.N.C.	$\frac{1}{2}$ "	TP0504	No. 10 N.F.	$\frac{1}{2}$ "
PT0458	No. 8 U.N.C.	1"	TP0504P	No. 10 N.F.	$\frac{1}{2}$ "
PT0503	No. 10 U.N.F.	$\frac{3}{8}$ "	TP0505	No. 10 N.F.	$\frac{3}{8}$ "
PT0504	No. 10 U.N.F.	$\frac{1}{2}$ "	TP0505P	No. 10 N.F.	$\frac{1}{2}$ "
PT0505	No. 10 U.N.F.	$\frac{3}{8}$ "	TP0506	No. 10 N.F.	$\frac{3}{8}$ "
PT0508	No. 10 U.N.F.	1"	TP0506P	No. 10 N.F.	$\frac{3}{8}$ "
PT0554	No. 10 U.N.C.	$\frac{1}{2}$ "	TP0507	No. 10 N.F.	$\frac{7}{8}$ "
PT0702	$\frac{1}{4}$ " U.N.F.	$\frac{1}{2}$ "	TP0508	No. 10 N.F.	1"
PT0704	$\frac{1}{4}$ " U.N.F.	$\frac{1}{2}$ "	TP0509	No. 10 N.F.	$1\frac{1}{8}$ "
PT0705	$\frac{1}{4}$ " U.N.F.	$\frac{3}{8}$ "	TP0510	No. 10 N.F.	$1\frac{1}{2}$ "
PT0707	$\frac{1}{4}$ " U.N.F.	$\frac{7}{8}$ "	TP0516	No. 10 N.F.	2"
PT0708P	$\frac{1}{4}$ " U.N.F.	1"	TP0517P	No. 10 N.F.	$2\frac{1}{8}$ "
PT0709	$\frac{1}{4}$ " U.N.F.	$1\frac{1}{8}$ "	TP0703	$\frac{1}{2}$ " N.F.	$\frac{3}{8}$ "
PT0710	$\frac{1}{4}$ " U.N.F.	$1\frac{1}{2}$ "	TP0704	$\frac{1}{2}$ " N.F.	$\frac{1}{2}$ "
PT0713	$\frac{1}{4}$ " U.N.F.	$1\frac{3}{8}$ "	TP0704P	$\frac{1}{2}$ " N.F.	$\frac{1}{2}$ "
PT0803	$\frac{3}{16}$ " U.N.F.	$\frac{3}{8}$ "	TP0705	$\frac{1}{2}$ " N.F.	$\frac{3}{8}$ "
PT0804	$\frac{3}{16}$ " U.N.F.	$\frac{1}{2}$ "	TP0705P	$\frac{1}{2}$ " N.F.	$\frac{3}{8}$ "
PT0807	$\frac{3}{16}$ " U.N.F.	$\frac{7}{8}$ "	TP0708P	$\frac{1}{2}$ " N.F.	1"
TP0303	No. 6 N.F.	$\frac{3}{8}$ "	TP0805	$\frac{3}{16}$ " N.F.	$\frac{3}{8}$ "
TP0304	No. 6 N.F.	$\frac{1}{2}$ "	TP0805P	$\frac{3}{16}$ " N.F.	$\frac{3}{8}$ "
TP0402	No. 8 N.F.	$\frac{1}{2}$ "			

PT TP

SETSCREW — ROUNDHEAD — SLOTTED



ABBREVIATIONS

d = Diameter
NF = National Fine Thread
NC = National Coarse Thread
 Suffix /P denotes Cone Pointed End

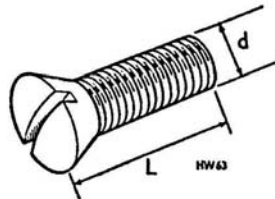
L = Length
UNF = Unified Fine Thread
UNC = Unified Coarse Thread
BA = British Association Thread

RT TR

SP84

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
RT6510	No. 10 U.N.F.	1 1/2"	TR6505P	No. 10 N.F.	3/8"
TR6203	No. 5 N.F.	3/8"	TR6506	No. 10 N.F.	3/8"
TR6204	No. 5 N.F.	1/2"	TR6506P	No. 10 N.F.	3/8"
TR6252	No. 5 N.C.	1/2"	TR6508	No. 10 N.F.	1"
TR6302	No. 6 N.F.	1/2"	TR6510	No. 10 N.F.	1 1/4"
TR6303	No. 6 N.F.	3/8"	TR6512	No. 10 N.F.	1 1/4"
TR6304	No. 6 N.F.	1/2"	TR6519	No. 10 N.F.	2 1/2"
TR6305	No. 6 N.F.	3/8"	TR6552	No. 10 N.C.	1/2"
TR6307	No. 6 N.F.	7/8"	TR6553	No. 10 N.C.	3/8"
TR6403	No. 8 N.F.	3/8"	TR6704	1/4" N.F.	1/2"
TR6404	No. 8 N.F.	1/2"	TR6705	1/4" N.F.	3/8"
TR6406	No. 8 N.F.	3/4"	TR6705P	1/4" N.F.	3/8"
TR6452	No. 8 N.C.	1/2"	TR6706P	1/4" N.F.	3/8"
TR6453	No. 8 N.C.	3/8"	TR6709	1/4" N.F.	1 1/2"
TR6502	No. 10 N.F.	1/2"	TR6753	1/4" N.C.	3/8"
TR6503	No. 10 N.F.	3/8"	TR6755	1/4" N.C.	3/8"
TR6504	No. 10 N.F.	1/2"	TR6812	7/16" N.F.	1 1/2"
TR6504P	No. 10 N.F.	1/2"	SP84CO	4 B.A.	1/2"
TR6505	No. 10 N.F.	3/8"	SP84C1	2 B.A.	1/2"

SETSCREW — OVAL COUNTERSUNK HEAD



ABBREVIATIONS

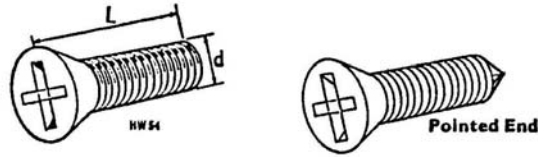
d = Diameter
L = Length
UNF = Unified Fine Thread
 Suffix /X denotes Bare Metal Screw

NF = National Fine Thread
NC = National Coarse Thread
UNC = Unified Coarse Thread

TY YT

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
TV8303	No. 6 N.F.	3/8"	TV8704	1/4" N.F.	1/2"
TV8304	No. 6 N.F.	1/2"	VT8159	No. 4 U.N.C.	1 1/2"
TV8503	No. 10 N.F.	3/8"	VT8504	No. 10 U.N.F.	1/2"
TV8505	No. 10 N.F.	3/8"	VT8510	No. 10 U.N.F.	1 1/2"
TV8507X	No. 10 N.F.	7/8"	VT8806	1/8" U.N.F.	3/8"
TV8508	No. 10 N.F.	1"	VT8807	7/16" U.N.F.	7/8"
TV8510	No. 10 N.F.	1 1/2"	VT8808	7/16" U.N.F.	1"

SETSCREW — CROSS RECESS — FLAT COUNTERSUNK 80° HEAD



ABBREVIATIONS

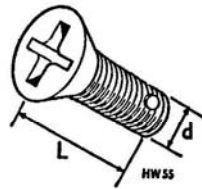
d = Diameter
NF = National Fine Thread
UNF = Unified Fine Thread
Suffix /P denotes Cone Pointed End

L = Length
NC = National Coarse Thread
UNC = Unified Coarse Thread

KX XK

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
KX4455	No. 8 U.N.C.	$\frac{3}{8}$ "	KX4708	$\frac{1}{2}$ " U.N.F.	1"
KX4504	No. 10 U.N.F.	$\frac{1}{2}$ "	KX4806P	$\frac{7}{16}$ " U.N.F.	$\frac{3}{4}$ "
KX4505P	No. 10 U.N.F.	$\frac{3}{8}$ "	XK4303	No. 6 N.F.	$\frac{3}{8}$ "
KX4507	No. 10 U.N.F.	$\frac{7}{8}$ "	XK4455	No. 8 N.C.	$\frac{3}{8}$ "
KX4508	No. 10 U.N.F.	1"	XK4502	No. 10 N.F.	$\frac{1}{2}$ "
KX4704	$\frac{1}{2}$ " U.N.F.	$\frac{1}{2}$ "	XK4503	No. 10 N.F.	$\frac{3}{8}$ "
KX4705	$\frac{1}{2}$ " U.N.F.	$\frac{3}{8}$ "	XK4505	No. 10 N.F.	$\frac{3}{8}$ "
KX4706P	$\frac{1}{2}$ " U.N.F.	$\frac{3}{4}$ "	XK4705	$\frac{1}{2}$ " N.F.	$\frac{3}{8}$ "
KX4707	$\frac{1}{2}$ " U.N.F.	$\frac{7}{8}$ "	XK4807P	$\frac{7}{16}$ " N.F.	$\frac{7}{8}$ "

SETSCREW — CROSS RECESS — FLAT COUNTERSUNK WEDGLOK

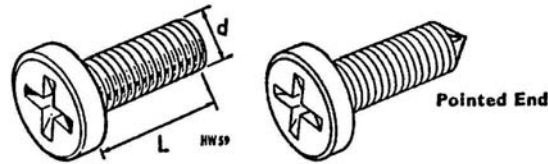


d = Diameter
L = Length
UNF = Unified Fine Thread

LX

Part No.	Diam. (d)	Length (L)
LX6503	No. 10 U.N.F.	$\frac{3}{8}$ "
LX6504	No. 10 U.N.F.	$\frac{1}{2}$ "

SETSCREW — CROSS RECESS — PAN HEAD



ABBREVIATIONS

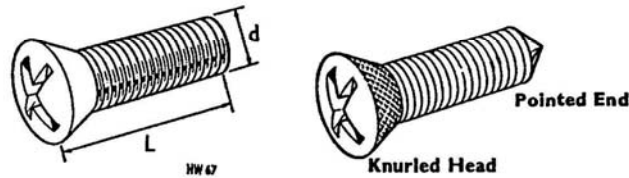
d = Diameter
NF = National Fine Thread
 Suffix **/P** denotes Cone Pointed End

L = Length
NC = National Coarse Thread

XP

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
XP0303	No. 6 N.F.	$\frac{3}{8}$ "	XP0504P	No. 10 N.F.	$\frac{1}{2}$ "
XP0402	No. 8 N.F.	$\frac{1}{2}$ "	XP0505P	No. 10 N.F.	$\frac{3}{4}$ "
XP0503	No. 10 N.F.	$\frac{3}{4}$ "	XP0704P	$\frac{1}{2}$ " N.F.	$\frac{1}{2}$ "

SETSCREW — CROSS RECESS — OVAL COUNTERSUNK HEAD



ABBREVIATIONS

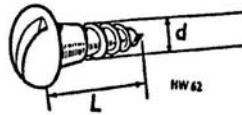
d = Diameter
NF = National Fine Thread
 Suffix **/P** denotes Cone Pointed End

L = Length
UNF = Unified Fine Thread
 Suffix **/K** denotes Knurled Head

VX XV

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
VX8505	No. 10 U.N.F.	$\frac{3}{8}$ "	VX8806	$\frac{1}{8}$ " U.N.F.	$\frac{3}{8}$ "
VX8505P	No. 10 U.N.F.	$\frac{3}{8}$ "	VX8806K	$\frac{1}{8}$ " U.N.F.	$\frac{3}{8}$ "
VX8509	No. 10 U.N.F.	$1\frac{1}{2}$ "	VX8807K	$\frac{7}{16}$ " U.N.F.	$\frac{3}{8}$ "
VX8510	No. 10 U.N.F.	$1\frac{1}{2}$ "	VX8808	$\frac{1}{8}$ " U.N.F.	1"
VX8511	No. 10 U.N.F.	$1\frac{3}{4}$ "	VX8808K	$\frac{7}{16}$ " U.N.F.	1"
VX8704	$\frac{1}{4}$ " U.N.F.	$\frac{1}{2}$ "	XV8707	$\frac{1}{4}$ " N.F.	$\frac{7}{8}$ "
VX8706P	$\frac{1}{4}$ " U.N.F.	$\frac{3}{4}$ "	XV8707P	$\frac{1}{4}$ " N.F.	$\frac{7}{8}$ "
VX8710P	$\frac{1}{4}$ " U.N.F.	$1\frac{1}{2}$ "			

WOODSCREW — ROUND HEAD



ABBREVIATIONS

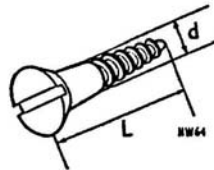
d = diameter

L = Length

TH
SP88

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
TH4603	No. 6	$\frac{1}{2}$ "	SP88F7	No. 6	1"
SP88D2	No. 4	$\frac{1}{2}$ "	SP88H7	No. 8	1"
SP88F4	No. 6	$\frac{1}{4}$ "			

WOODSCREW — FLAT COUNTERSUNK



ABBREVIATIONS

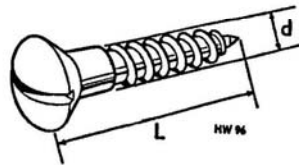
d = Diameter

L = Length

TW
SP87

Part No.	Diam. (d)	Length (L)	Part No.	Diam. (d)	Length (L)
TW0402	No. 4	$\frac{1}{2}$ "	SP87B1C	No. 2	$\frac{1}{2}$ "
TW0404	No. 4	$\frac{3}{4}$ "	SP87D6	No. 4	$\frac{7}{8}$ "
TW0603	No. 6	$\frac{3}{4}$ "	SP87H4	No. 8	$\frac{3}{4}$ "
TW0604	No. 6	$\frac{1}{2}$ "	SP87H13	No. 8	$\frac{1}{2}$ "
TW0804	No. 8	$\frac{1}{2}$ "	SP87K5	No. 10	$\frac{3}{4}$ "
SP87A2	No. 1	$\frac{3}{4}$ "	SP87K7	No. 10	1"
SP87B3	No. 2	$\frac{1}{2}$ "	SP87K7C	No. 10	1"
			SP87K8	No. 10	$1\frac{1}{2}$ "

WOODSCREW — RAISED HEAD — BRASS



ABBREVIATIONS

d = Diameter

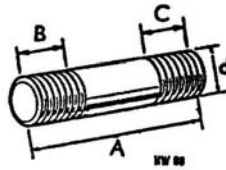
L = Length

Suffix /CP denotes Chrome Plated

SP89

Part No.	Diameter (d)	Length (L)
SP89A1	No. 6	$\frac{1}{2}$ "
SP89C4CP	No. 8	1"
SP89E4	No. 10	1"
SP89H2CP	No. 4	$\frac{3}{4}$ "

STUD



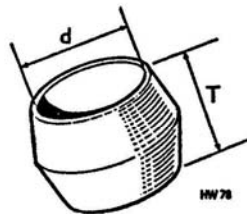
d = Diameter
A = Overall Lengths
B & C = Thread Lengths

ABBREVIATIONS

BSF = British Standard Fine Thread
NC = National Coarse Thread

Part No.	Diameter (d)	Overall Length (A)	Thread Length End (B)	Thread Type End (B)	Thread Length End (C)	Thread Type End (C)
V						
V7271	1/8"	1 1/2"	3/8"	N.C.	1 1/2"	N.F.
V7318	1/8"	1 1/2"	7/16"	N.C.	1 1/2"	N.F.
V7322	1/8"	1 7/8"	7/16"	N.C.	1 1/2"	N.F.
V7323	1/8"	1 3/4"	1 1/8"	N.C.	1 1/2"	N.F.
V7325	1/8"	1 7/8"	1/2"	N.C.	1 1/2"	N.F.
V7332	1/8"	2 1/2"	7/16"	N.C.	1 1/2"	N.F.
V7333	1/8"	2 3/4"	7/16"	N.C.	1 1/2"	N.F.
SP30						
V7335	1/8"	3"	7/16"	N.C.	1 1/2"	N.F.
SP30D	1/8"	1 1/2"	1/2"	B.S.F.	1/2"	B.S.F.
SP30DB	1/8"	1 1/2"	7/16"	B.S.F.	3/8"	B.S.F.
SP30E	1/8"	1 3/4"	1/2"	B.S.F.	3/8"	B.S.F.
SP30G	1/8"	1 3/4"	1/2"	B.S.F.	3/8"	B.S.F.
SP30DA	1/8"	1 7/8"	1/2"	B.S.F.	3/8"	B.S.F.
SP30Q	1/8"	3 1/2"	3/8"	B.S.F.	3/8"	B.S.F.
SP30PA	1/8"	3 1/2"	3/8"	B.S.F.	3/8"	B.S.F.
SP32						
SP32BA	3/8"	1 3/4"	7/16"	B.S.F.	3/8"	B.S.F.
SP32BB	3/8"	1 3/4"	3/8"	B.S.F.	3/8"	B.S.F.
SP32CA	3/8"	1 1/2"	3/8"	B.S.F.	1 1/8"	B.S.F.
SP32K	3/8"	2 1/2"	3/8"	B.S.F.	3/8"	B.S.F.
SP32KA	3/8"	2 7/8"	1/2"	B.S.F.	3/8"	B.S.F.
SP32M	3/8"	3 1/2"	1/2"	B.S.F.	7/8"	B.S.F.
SP32QA	3/8"	4 3/8"	1/2"	B.S.F.	7/8"	B.S.F.
TD						
SP32R	3/8"	4 1/2"	1/2"	B.S.F.	7/8"	B.S.F.
SP32RA	3/8"	4 1/2"	1/2"	B.S.F.	7/8"	B.S.F.
TD0809	1/8"	1 1/2"	1/2"	U.N.F.	3/8"	U.N.F.

SLEEVE — TUBING



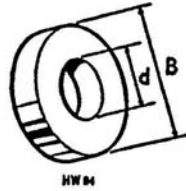
ABBREVIATIONS

d = Inside Diameter

T = Thickness

Part No.	To suit Pipe Diameter	Nominal Internal Diameter (d)	Thickness (T)
TL0002	1/8"	.128"/.131"	.187"
TL0005	1/8"	.190"/.193"	.218"
TL0007	1/8"	.253"/.256"	.234"
TL0008	1/8"	.315"/.318"	.250"
TL0009	3/8"	.378"/.381"	.281"
TL0011	1/2"	.503"/.506"	.312"
TL0013	5/8"	.628"/.631"	.344"
TL0014	3/4"	.753"/.756"	.375"

WASHER — PLAIN — MEDIUM

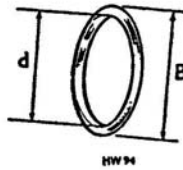


ABBREVIATIONS
d = Inside Diameter

WM

Part No.	Inside Diam. (d)	Outside Diam. (B)	Part No.	Inside Diam. (d)	Outside Diam. (B)
WM0052	No. 5	.375" x .049"	WM0085	$\frac{7}{8}$ "	$\frac{7}{8}$ " x $\frac{1}{2}$ "
WM0053	No. 6	.375" x .049"	WM0093	$\frac{1}{2}$ "	$\frac{3}{8}$ " x 10G
WM0054	No. 8	.437" x .049"	WM0095	$\frac{1}{4}$ "	$\frac{3}{8}$ " x .160"
WM0055	No. 10	.562" x .049"	WM0098	No. 6	$\frac{7}{8}$ " x $\frac{1}{8}$ "
WM0057	$\frac{1}{2}$ "	.75" x .065"	WM0802	$\frac{3}{4}$ "	$1\frac{1}{2}$ " x $\frac{1}{8}$ "
WM0058	$\frac{3}{8}$ "	.75" x .065"	WM0803	$\frac{7}{8}$ "	1" x $\frac{1}{8}$ "
WM0059	$\frac{1}{2}$ "	.875" x .083"	WM0808	$\frac{7}{8}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "
WM0060	$\frac{7}{8}$ "	1.125" x .083"	WM0809	$\frac{7}{8}$ "	1" x $\frac{1}{2}$ "
WM0061	$\frac{1}{2}$ "	1.25" x .109"	WM0810	$\frac{3}{4}$ "	$1\frac{1}{2}$ " x 10G
WM0062	$\frac{7}{8}$ "	1.375" x .109"	WM0811	$\frac{7}{8}$ "	$1\frac{1}{2}$ " x $\frac{1}{2}$ "
WM0063	$\frac{3}{4}$ "	1.50" x .134"	WM0812	$\frac{7}{8}$ "	$\frac{1}{2}$ " x .160"
WM0067	$\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{1}{8}$ "	WM0813	$\frac{1}{2}$ "	1" x $\frac{1}{2}$ "
WM0068	$\frac{7}{8}$ "	$\frac{3}{4}$ " x $\frac{1}{8}$ "	WM0815	$\frac{7}{8}$ "	$\frac{3}{4}$ " x $\frac{1}{8}$ "
WM0069	$\frac{7}{8}$ "	$1\frac{1}{2}$ " x $\frac{1}{2}$ "	WM0816	$\frac{1}{2}$ "	$\frac{3}{8}$ " x $\frac{1}{8}$ "
WM0070	$\frac{1}{2}$ "	$1\frac{1}{2}$ " x $\frac{1}{2}$ "	WM0817	$\frac{7}{8}$ "	1" x $\frac{3}{8}$ "
WM0071	$\frac{7}{8}$ "	$1\frac{1}{2}$ " x $\frac{1}{8}$ "	WM0818	$\frac{7}{8}$ "	$\frac{1}{2}$ " x $\frac{1}{2}$ "
WM0072	$\frac{7}{8}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	WM0820	$\frac{3}{4}$ "	$\frac{3}{8}$ " x 12G
WM0073	$\frac{7}{8}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	WM0822	$\frac{1}{2}$ "	1" x 6 SWG
WM0074	$\frac{3}{4}$ "	$1\frac{1}{8}$ " x .134"	WM0823	$\frac{1}{2}$ "	2" x 6 SWG
WM0075	$\frac{3}{4}$ "	1" x $\frac{3}{8}$ "	WM0829	$\frac{7}{8}$ "	$2\frac{1}{2}$ " x .160"
WM0076	$\frac{1}{2}$ "	$1\frac{1}{2}$ " x $\frac{1}{2}$ "	WM0830	$\frac{7}{8}$ "	$1\frac{1}{2}$ " x .160"
WM0077	$\frac{1}{2}$ "	$1\frac{1}{2}$ " x $\frac{1}{2}$ "	WM0831	$\frac{3}{4}$ "	2" x .192"
WM0078	$\frac{3}{4}$ "	$1\frac{1}{2}$ " x $\frac{1}{2}$ "	WM0838	$\frac{1}{2}$ "	2" x 6 SWG
WM0079	$\frac{3}{4}$ "	1" x $\frac{1}{2}$ "	WM0841	$\frac{7}{8}$ "	1" x $\frac{1}{2}$ "
WM0081	$\frac{7}{8}$ "	$\frac{3}{4}$ " x $\frac{1}{2}$ "	WM0842	$\frac{3}{4}$ "	2" x 10 SWG
WM0082	$\frac{7}{8}$ "	$\frac{3}{4}$ " x $\frac{3}{8}$ "	WM0843	$\frac{7}{8}$ "	2" x $\frac{1}{2}$ "
WM0083	$\frac{7}{8}$ "	$\frac{3}{4}$ " x $\frac{1}{2}$ "			

WASHER — COPPER AND ASBESTOS



ABBREVIATIONS

d = Inside Diameter

B = Outside Diameter

SP52

Part No.	Inside Diameter (d)	Outside Diameter (B)
SP52A	$\frac{1}{2}$ "	$\frac{1}{2}$ "

WASHER — PLAIN — LIGHT



ABBREVIATIONS

d = Inside Diameter

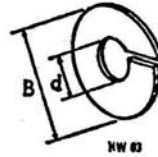
B = Outside Diameter

WP

SP44

Part No.	Inside Diam. (d)	Outside Diam. (B)	Part No.	Inside Diam. (d)	Outside Diam. (B)
WP0002	No. 5	.31"	WP0112	$\frac{3}{8}$ "	$\frac{11}{16}$ "
WP0003	No. 6	.31"	WP0113	$\frac{7}{16}$ "	$\frac{1}{2}$ "
WP0004	No. 8	.38"	WP0117	$\frac{1}{2}$ "	$1\frac{1}{4}$ "
WP0005	No. 10	.44"	WP0118	No. 6	$\frac{1}{2}$ "
WP0006	No. 12	.50"	WP0119	$\frac{1}{2}$ "	$\frac{7}{8}$ "
WP0007	$\frac{1}{2}$ "	.63"	WP0120	$\frac{1}{2}$ "	1"
WP0008	$\frac{5}{16}$ "	.69"	WP0122	$\frac{1}{2}$ "	1"
WP0009	$\frac{3}{8}$ "	.81"	WP0124	$\frac{7}{16}$ "	$\frac{3}{4}$ "
WP0010	$\frac{7}{16}$ "	.92"	WP0125	$\frac{7}{16}$ "	$\frac{7}{8}$ "
WP0011	$\frac{1}{2}$ "	1.06"	WP0126	$\frac{7}{16}$ "	$\frac{7}{8}$ "
WP0012	$\frac{7}{16}$ "	1.19"	WP0127	$\frac{1}{2}$ "	$\frac{7}{16}$ "
WP0013	$\frac{3}{8}$ "	1.31"	WP0128	$\frac{1}{2}$ "	$\frac{1}{2}$ "
WP0014	$\frac{3}{8}$ "	1.50"	WP0129	$\frac{7}{16}$ "	$\frac{3}{4}$ "
WP0016	1"	2"	WP0130	$\frac{3}{8}$ "	$1\frac{1}{2}$ "
WP0017	$\frac{7}{16}$ "	1"	WP0131	$\frac{3}{8}$ "	$\frac{3}{4}$ "
WP0018	$\frac{5}{16}$ "	$\frac{1}{2}$ "	WP0132	$\frac{7}{16}$ "	$\frac{3}{4}$ "
WP0019	$\frac{7}{16}$ "	1"	WP0133	$\frac{7}{16}$ "	$\frac{3}{4}$ "
WP0020	$\frac{3}{8}$ "	$\frac{3}{8}$ "	WP0135	$\frac{5}{16}$ "	$\frac{7}{8}$ "
WP0021	$\frac{7}{16}$ "	$\frac{3}{8}$ "	WP0136	$\frac{3}{8}$ "	1"
WP0022	$\frac{7}{16}$ "	1"	WP0137	$\frac{5}{16}$ "	$\frac{7}{16}$ "
WP0023	$\frac{1}{2}$ "	$\frac{1}{2}$ "	WP0138	No. 10	$\frac{1}{2}$ "
WP0024	$\frac{3}{8}$ "	$1\frac{3}{8}$ "	WP0139	$\frac{7}{16}$ "	$\frac{7}{8}$ "
WP0025	$\frac{7}{16}$ "	$1\frac{1}{2}$ "	WP0140	$\frac{1}{2}$ "	$\frac{7}{16}$ "
WP0026	$\frac{3}{8}$ "	$1\frac{3}{8}$ "	WP0142	$\frac{7}{16}$ "	$\frac{7}{16}$ "
WP0027	$\frac{7}{16}$ "	$\frac{3}{4}$ "	WP0143	$\frac{7}{16}$ "	$1\frac{1}{2}$ "
WP0028	$\frac{7}{16}$ "	$\frac{1}{2}$ "	WP0144	$\frac{1}{2}$ "	$\frac{1}{2}$ "
WP0029	$\frac{1}{2}$ "	$1\frac{1}{2}$ "	WP0146	$\frac{1}{2}$ "	$\frac{3}{4}$ "
WP0030	$\frac{3}{8}$ "	1"	WP0149	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "
WP0031	$\frac{7}{16}$ "	$\frac{3}{8}$ "	WP0151	$\frac{3}{8}$ "	$1\frac{1}{2}$ "
WP0032	$\frac{7}{16}$ "	$\frac{3}{8}$ "	WP0153	$\frac{7}{16}$ "	$1\frac{1}{2}$ "
WP0033	$\frac{3}{8}$ "	$\frac{3}{8}$ "	WP0155	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "
WP0034	$\frac{7}{16}$ "	$\frac{7}{16}$ "	WP0156	No. 10	$\frac{3}{4}$ "
WP0035	$\frac{1}{2}$ "	$\frac{3}{8}$ "	WP0160	$\frac{7}{16}$ "	$1\frac{3}{8}$ "
WP0036	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	WP0161	$\frac{1}{2}$ "	$\frac{1}{2}$ "
WP0037	$\frac{3}{8}$ "	$1\frac{3}{8}$ "	WP0163	$\frac{1}{2}$ "	$1\frac{1}{2}$ "
WP0038	$\frac{3}{8}$ "	1"	WP0164	$\frac{3}{8}$ "	$1\frac{1}{2}$ "
WP0039	$1\frac{1}{2}$ "	$1\frac{3}{8}$ "	WP0167	$\frac{1}{2}$ "	$\frac{3}{4}$ "
WP0041	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	WP0172	$\frac{7}{16}$ "	$\frac{3}{8}$ "
WP0042	$\frac{1}{2}$ "	$\frac{1}{2}$ "	WP0173	No. 6	$\frac{7}{16}$ "
WP0043	$\frac{7}{16}$ "	$\frac{3}{8}$ "	WP0177	$\frac{1}{2}$ "	$\frac{3}{4}$ "
WP0045	$\frac{3}{8}$ "	$\frac{3}{8}$ "	WP0181	$\frac{7}{16}$ "	$\frac{3}{4}$ "
WP0046	$\frac{7}{16}$ "	$\frac{3}{8}$ "	WP0182	$\frac{7}{16}$ "	$\frac{1}{2}$ "
WP0047	$\frac{1}{2}$ "	1"	WP0184	$\frac{3}{8}$ "	$\frac{3}{4}$ "
WP0048	$\frac{3}{8}$ "	$\frac{3}{8}$ "	WP0185	$\frac{7}{16}$ "	$1\frac{1}{2}$ "
WP0101	$\frac{7}{16}$ "	$1\frac{1}{2}$ "	WP0188	$\frac{1}{2}$ "	$1\frac{1}{2}$ "
WP0103	$\frac{1}{2}$ "	$\frac{7}{16}$ "	WP0192	$\frac{1}{2}$ "	$\frac{1}{2}$ "
WP0105	$\frac{7}{16}$ "	$1\frac{1}{2}$ "	WP0193	$\frac{3}{8}$ "	$1\frac{1}{2}$ "
WP0106	No. 8	$\frac{1}{2}$ "	WP0196	$\frac{7}{16}$ "	$\frac{3}{4}$ "
WP0107	$\frac{7}{16}$ "	$\frac{3}{8}$ "	WP0197	$\frac{7}{16}$ "	$\frac{3}{8}$ "
WP0108	$\frac{7}{16}$ "	$\frac{3}{8}$ "	WP0198	$\frac{1}{2}$ "	$\frac{3}{4}$ "
WP0109	$\frac{3}{8}$ "	$\frac{1}{2}$ "	SP44E1	$\frac{1}{2}$ "	$\frac{1}{2}$ "
WP0110	$\frac{7}{16}$ "	$\frac{11}{16}$ "			

WASHER — LOCK, LIGHT AND MEDIUM



ABBREVIATIONS

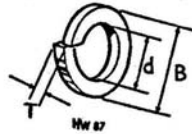
d = Inside Diameter

B = Outside Diameter

WL

Part No.	Inside Diam. (d)	Outside Diam. (B)	Part No.	Inside Diam. (d)	Outside Diam. (B)
WL0202	No. 5	.23"	WL0217	$\frac{1}{16}$ "	$\frac{1}{8}$ "
WL0203	No. 6	.24"	WL0218	$\frac{1}{8}$ "	$\frac{3}{16}$ "
WL0204	No. 8	.28"	WL0219	$\frac{1}{4}$ "	$\frac{1}{2}$ "
WL0205	No. 10	.32"	WL0220	No. 10	.33"
WL0207	$\frac{1}{4}$ "	.49"	WL0221	$\frac{1}{2}$ "	.49"
WL0208	$\frac{3}{16}$ "	.58"	WL0222	$\frac{3}{8}$ "	.59"
WL0209	$\frac{1}{2}$ "	.68"	WL0223	$\frac{1}{2}$ "	.68"
WL0210	$\frac{3}{8}$ "	.78"	WL0224	$\frac{3}{8}$ "	.78"
WL0211	$\frac{1}{2}$ "	.88"	WL0225	$\frac{3}{4}$ "	1.08"
WL0212	$\frac{5}{8}$ "	.98"	WL0226	$\frac{3}{4}$ "	1.28"
WL0213	$\frac{3}{4}$ "	1.08"	WL0227	$\frac{1}{2}$ "	.88"
WL0214	$\frac{7}{8}$ "	1.28"	WL0228	1"	1.672"
WL0216	1"	1.66"			

WASHER — LOCK — SQUARE SECTION



ABBREVIATIONS

d = Inside Diameter

B = Outside Diameter

T = Thickness

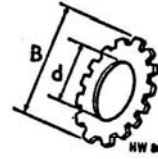
WQ

Part No.	Inside Diameter (d)	Outside Diameter (B)	Thickness (T)
WQ0303	No. 6	.234"	.046"
WQ0304	No. 8	.246"	.046"
WQ0305	No. 10	.296"	.046"
WQ0307	$\frac{1}{4}$ "	.390"	.062"
WQ0308	$\frac{3}{16}$ "	.484"	.078"
WQ0309	$\frac{1}{2}$ "	.578"	.093"
WQ0310	$\frac{3}{8}$ "	.640"	.093"
WQ0312	$\frac{1}{2}$ "	.812"	.125"

**WASHER
LOCK — DOUBLE COIL**



**WASHER
SHAKEPROOF — EXTERNAL**



ABBREVIATIONS

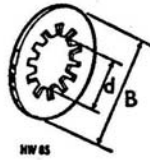
d = Inside Diameter

B = Outside Diameter

WD WE

Part No.	Inside Diam. (d)	Outside Diam. (B)	Part No.	Inside Diam. (d)	Outside Diam. (B)
WD0152	No. 5	1 1/8"	WE0603	No. 6	7/8"
WD0155	No. 10	2 1/8"	WE0604	No. 8	1"
WD0157	1/2"	2 1/2"	WE0605	No. 10	2 7/8"
WD0158	7/8"	2 3/4"	WE0607	1/2"	2 1/4"
WD0159	3/4"	2 3/8"	WE0608	7/8"	2 1/2"
WD0160	7/8"	2 7/8"	WE0609	1/2"	2 7/10"
WD0161	1/2"	2 1/4"	WE0610	7/8"	2 1/4"
WD0163	1/2"	1"	WE0613	1/2"	1 1/8"
WD0167	7/8"	1 1/2"			
WD0168	7/8"	2 1/8"			

WASHER — SHAKEPROOF — INTERNAL



ABBREVIATIONS

d = Inside Diameter

B = Outside Diameter

WN

Part No.	Inside Diam. (d)	Outside Diam. (B)	Part No.	Inside Diam. (d)	Outside Diam. (B)
WN0702	No. 5	-300"	WN0709	3/8"	-685"
WN0703	No. 6	-300"	WN0710	7/8"	-750"
WN0704	No. 8	-340"	WN0711	1/2"	-875"
WN0705	No. 10	-400"	WN0712	7/8"	-965"
WN0706	No. 12	-500"	WN0713	1 1/8"	1-062"
WN0707	1/2"	-500"	WN0714	1/2"	1-250"
WN0708	7/8"	-600"	WN0715	3/4"	1-375"

WASHER — SHAKEPROOF — EXTERNAL — COUNTERSUNK



ABBREVIATIONS

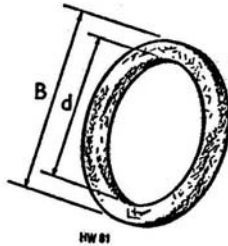
d = Inside Diameter

B = Outside Diameter

Part No.	Inside Diameter (d)	Outside Diameter (B)
WK7605	No. 10	.370"
WK7607	$\frac{1}{4}$ "	.468"

WK

WASHER — FIBRE



ABBREVIATIONS

d = Inside Diameter

B = Outside Diameter

Part No.	Inside Diam. (d)	Outside Diam. (B)	Part No.	Inside Diam. (d)	Outside Diam. (B)
WF0505	No. 10	$\frac{3}{8}$ "	WF0529	$\frac{1}{8}$ "	$\frac{3}{8}$ "
WF0507	$\frac{1}{4}$ "	$\frac{3}{8}$ "	WF0530	$\frac{3}{8}$ "	$\frac{5}{8}$ "
WF0508	$\frac{7}{16}$ "	$\frac{1}{2}$ "	WF0531	$\frac{1}{2}$ "	$\frac{11}{16}$ "
WF0509	$\frac{3}{8}$ "	$\frac{5}{8}$ "	WF0532	$\frac{5}{8}$ "	$\frac{7}{8}$ "
WF0510	$\frac{7}{16}$ "	$\frac{1}{2}$ "	WF0534	$1\frac{1}{16}$ "	$1\frac{3}{8}$ "
WF0511	$\frac{1}{2}$ "	$\frac{3}{4}$ "	WF0535	$1\frac{1}{8}$ "	2"
WF0512	$\frac{5}{8}$ "	$\frac{7}{8}$ "	WF0537	$\frac{3}{4}$ "	$\frac{5}{8}$ "
WF0513	$\frac{3}{4}$ "	1"	WF0538	$\frac{7}{8}$ "	$1\frac{1}{8}$ "
WF0516	1"	$1\frac{1}{2}$ "	WF0539	$\frac{3}{4}$ "	$1\frac{1}{2}$ "
WF0519	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "	WF0540	$\frac{1}{2}$ "	$\frac{5}{8}$ "
WF0521	$\frac{1}{2}$ "	$\frac{7}{8}$ "	WF0541	$\frac{1}{2}$ "	$\frac{1}{2}$ "
WF0523	$\frac{7}{16}$ "	$\frac{3}{4}$ "	WF0542	$\frac{7}{16}$ "	$\frac{7}{8}$ "
WF0524	$\frac{3}{8}$ "	$\frac{7}{8}$ "	WF0543	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "
WF0525	$\frac{1}{2}$ "	$\frac{3}{4}$ "	WF0545	$1\frac{1}{8}$ "	$2\frac{1}{4}$ "
WF0526	$\frac{3}{8}$ "	$\frac{7}{8}$ "	WF0549	$\frac{3}{4}$ "	$\frac{5}{8}$ "
WF0527	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	WF0550	$\frac{3}{4}$ "	$1\frac{1}{8}$ "
WF0528	$\frac{1}{2}$ "	$1\frac{1}{8}$ "			

WF

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