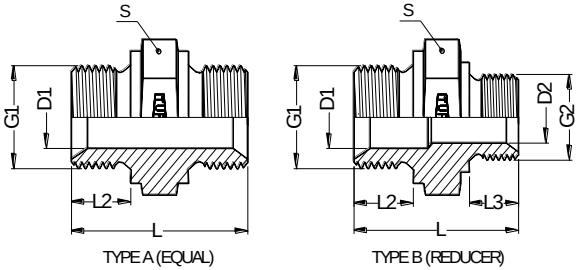
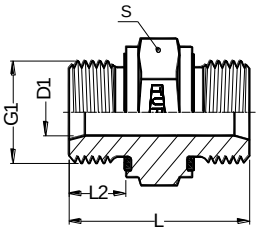
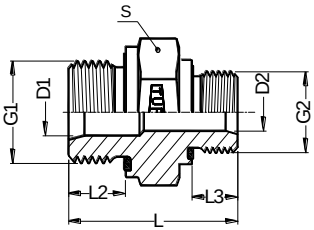


G1 Tube OD	G2 Tube OD	L	L2	L3	D1	D2	S A / F	Type A/B	Carbon Steel TUFIT Part No.
G 1/8 A	G 1/8 A	23.5	8	8	4.7	4.7	14	A	HAG018018
G 1/4 A	G 1/8 A	28.0	11	8	5	4	19	B	HAG014018
G 1/4 A	G 1/4 A	31.5	11	11	5	5	19	A	HAG014014
G 3/8 A	G 1/4 A	33.0	12	11	8	5	22	B	HAG038014
G 3/8 A	G 3/8 A	35.0	12	12	8	8	22	A	HAG038038
G 1/2 A	G 1/4 A	37.0	14	11	11	5	27	B	HAG012014
G 1/2 A	G 3/8 A	38.0	14	12	11	8	27	B	HAG012038
G 1/2 A	G 1/2 A	41.0	14	14	11	11	27	A	HAG012012
G 3/4 A	G 1/4 A	39.0	16	11	17	5	32	B	HAG034014
G 3/4 A	G 3/8 A	41.0	16	12	17	8	32	B	HAG034038
G 3/4 A	G 1/2 A	43.0	16	14	17	11	32	B	HAG034012
G 3/4 A	G 3/4 A	45.0	16	16	17	17	32	A	HAG034034
G 1 A	G 3/8 A	45	19	12	22	8	41	B	HAG001038
G 1 A	G 1/2 A	47.0	19	14	22	11	41	B	HAG001012
G 1 A	G 3/4 A	49.0	19	16	22	17	41	B	HAG001034
G 1 A	G 1 A	52.0	19	19	22	22	41	A	HAG001001
G 1-1/4 A	G 3/4 A	57.5	20	16	29	17	50	B	HAG114034
G 1-1/4 A	G 1 A	60.5	20	19	29	22	50	B	HAG114001
G 1-1/4 A	G 1-1/4 A	61.5	20	20	29	29	50	A	HAG114114
G 1-1/2 A	G 3/4 A	57	23	16	33	17	55	B	HAG112034
G 1-1/2 A	G 1 A	64.5	23	19	33	22	55	B	HAG112001
G 1-1/2 A	G 1-1/4 A	65.5	23	20	33	29	55	B	HAG112114
G 1-1/2 A	G 1-1/2 A	67.5	23	23	33	33	55	A	HAG112112
G 2 A	G 1-1/4 A	71	23	20	46	29	70	B	HAG002114
G 2 A	G 1-1/2 A	73.0	25	23	46	33	70	B	HAG002112
G 2 A	G 2 A	76.5	25	23	46	46	70	A	HAG002002

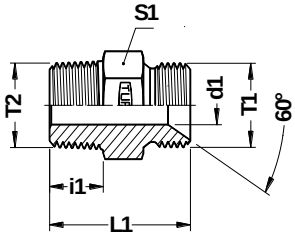


TYPE A (EQUAL)



TYPE B (REDUCER)

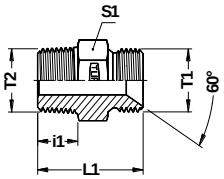
G1 Tube OD	G2 Tube OD	L	L2	L3	D1	D2	S A / F	Type A/B	Carbon Steel TUFIT Part No.
G 1/8 A	G 1/8 A	23.5	8	8	4.7	4.7	14	A	HAGE018018
G 1/4 A	G 1/8 A	28.0	11	8	5	4	19	B	HAGE014018
G 1/4 A	G 1/4 A	31.5	11	11	5	5	19	A	HAGE014014
G 3/8 A	G 1/4 A	33.0	12	11	8	5	22	B	HAGE038014
G 3/8 A	G 3/8 A	35.0	12	12	8	8	22	A	HAGE038038
G 1/2 A	G 1/4 A	37.0	14	11	11	5	27	B	HAGE012014
G 1/2 A	G 3/8 A	38.0	14	12	11	8	27	B	HAGE012038
G 1/2 A	G 1/2 A	41.0	14	14	11	11	27	A	HAGE012012
G 3/4 A	G 1/4 A	39.0	16	11	17	5	32	B	HAGE034014
G 3/4 A	G 3/8 A	41.0	16	12	17	8	32	B	HAGE034038
G 3/4 A	G 1/2 A	43.0	16	14	17	11	32	B	HAGE034012
G 3/4 A	G 3/4 A	45.0	16	16	17	17	32	A	HAGE034034
G 1 A	G 3/8 A	45	19	12	22	8	41	B	HAGE001038
G 1 A	G 1/2 A	47.0	19	14	22	11	41	B	HAGE001012
G 1 A	G 3/4 A	49.0	19	16	22	17	41	B	HAGE001034
G 1 A	G 1 A	52.0	19	19	22	22	41	A	HAGE001001
G 1-1/4 A	G 3/4 A	57.5	20	16	29	17	50	B	HAGE114034
G 1-1/4 A	G 1 A	60.5	20	19	29	22	50	B	HAGE114001
G 1-1/4 A	G 1-1/4 A	61.5	20	20	29	29	50	A	HAGE114114
G 1-1/2 A	G 3/4 A	57	23	16	33	17	55	B	HAGE112034
G 1-1/2 A	G 1 A	64.5	23	19	33	22	55	B	HAGE112001
G 1-1/2 A	G 1-1/4 A	65.5	23	20	33	29	55	B	HAGE112114
G 1-1/2 A	G 1-1/2 A	67.5	23	23	33	33	55	A	HAGE112112
G 2 A	G 1-1/4 A	71	23	20	46	29	70	B	HAGE002114
G 2 A	G 1-1/2 A	73.0	25	23	46	33	70	B	HAGE002112
G 2 A	G 2 A	76.5	25	23	46	46	70	A	HAG002002



T1 Male BSPP	T2 Male NPT	d_1	i_1	L_1	S1 A / F	Carbon Steel		
						WP (bar)	TUFIT Part No.	Parker Ref Part Code
G 1/8 A	1/8-27	4	10	24	14	350	HAN018018	2FMK4
G 1/8 A	1/4-18	4	15	29	14	350	HAN018014	2-4FMK4
G 1/4 A	1/4-18	8	15	35	19	350	HAN014018	4FMK4
G 1/4 A	3/8-18	8	15	35	19	350	HAN014014	4-4FMK4
G 1/4 A	1/2-14	7	19	40	19	200	HAN014038	4-6FMK4
G 3/8 A	1/4-18	8	15	35	22	350	HAN038014	6F3MK4
G 3/8 A	3/8-18	8	15	35	22	350	HAN038038	6-6F3MK4
G 3/8 A	1/2-14	7	19	40	22	200	HAN038012	6-8F3MK4
G 1/2 A	1/4-18	8	15	39	27	200	HAN012014	-
G 1/2 A	3/8-18	11	15	39	27	200	HAN012038	8F3MK4
G 1/2 A	1/2-14	11	19	43	27	200	HAN012012	8-8F3MK4
G 1/2 A	3/4-14	11	19	44	27	200	HAN012034	-
G 3/4 A	3/8-18	11	15	42	32	200	HAN034038	-
G 3/4 A	1/2-14	17	19	46	32	350	HAN034012	12-8F3MK4
G 3/4 A	3/4-14	17	19	46	32	200	HAN034034	12F3MK4
G 3/4 A	1 -11-1/2	17	24	51	36	120	HAN034001	12-16F3MK4
G 1 A	3/4-14	22	19	50	41	120	HAN001034	16-12F3MK4
G 1 A	1 -11-1/2	22	24	55	41	120	HAN001001	16F3MK4
G 1-1/4 A	1 -11-1/2	22	24	58	50	105	HAN114001	-
G 1-1/4 A	1-1/4 -11-1/2	29	25	64	50	105	HAN114114	20F3MK4
G 1-1/2 A	1-1/4 -11-1/2	25	25	65	55	105	HAN112114	-
G 1-1/2 A	1-1/2 -11-1/2	33	26	36	55	105	HAN112112	24F3MK4

* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
* Add S4 for material AISI-304& S6 for material AISI-316

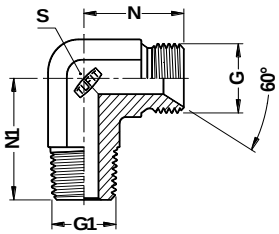
Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	HAN018018
AISI-304	Natural Finish	HAN018018S4
AISI-316	Natural Finish	HAN018018S6



T1 Male BSPP	T2 Male BSPT	i1	L1	S1 A / F	Carbon Steel		
					WP (bar)	TUFIT Part No.	Parker Ref Part Code
1/8	1/8	10.1	24.5	14	350	HAR018018	2F3MK4
1/8	1/4	14.6	29	14	350	HAR018014	2-4F3MK4
1/4	1/8	10.1	29	19	350	HAR014018	4F3MK4
1/4	1/4	14.6	33.5	19	350	HAG014014	4-4F3MK4
1/4	3/8	14.6	33.5	19	350	HAR014038	4-6F3MK4
3/8	1/4	14.6	35	22	350	HAR038014	6F3MK4
3/8	3/8	14.6	35	22	350	HAR038038	6-6F3MK4
3/8	1/2	19.4	40	22	200	HAR038012	6-8F3MK4
1/2	3/8	14.6	38.5	27	200	HAR012038	8F3MK4
1/2	1/2	19.4	43.5	27	200	HAR012012	8-8F3MK4
1/2	3/4	19.4	44	27	200	HAR012034	-
5/8	1/2	19.4	46	-	200	HAR058012	10F3MK4S
5/8	3/4	19.4	46	-	200	HAR058034	10-12F3MK4S
3/4	1/2	19.4	46	32	350	HAR034012	12-8F3MK4
3/4	3/4	19.4	46	32	200	HAR034034	12F3MK4
3/4	1	24.3	51	36	120	HAR0340001	12-16F3MK4
1	3/4	19.4	49.5	41	120	HAR001034	16-12F3MK4
1	1	24.3	54.5	41	120	HAR001001	16F3MK4
1-1/4	1-1/4	25.0	64	-	105	HAR114114	20F3MK4
1-1/2	1-1/2	25.8	68.5	-	105	HAR112112	24F3MK4

* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
* Add S4 for material AISI-304& S6 for material AISI-316

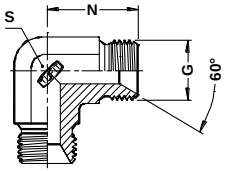
Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	HAR018018
AISI-304	Natural Finish	HAR018018S4
AISI-316	Natural Finish	HAR018018S6



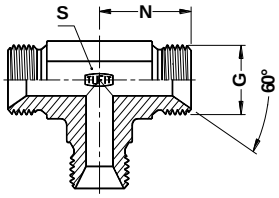
G Male BSP P	G1 Male BSPT/ NPT	N	N1	S A/F	NP (bar)	Carbon Steel		Carbon Steel
						TUFIT Part No. (BSPT)	Parker Ref Part Code	TUFIT Part No. (NPT)
1/8	1/8	17	19	12	350	HEAR018018	2C3P4	HEAN018018
1/4	1/4	24	25	14	350	HEAR014014	4C3P4	HEAN014014
3/8	3/8	27	28	17	350	HEAR038038	6C3P4	HEAN038038
1/2	1/2	32	35	22	200	HEAR012012	8C3P4	HEAN012012
5/8	5/8	34	37	22	200	HEAR058058	10C3P4	HEAN058058
3/4	3/4	36	39	27	200	HEAR034034	12C3P4	HEAN034034
1	1	42	48	36	120	HEAR001001	16C3P4	HEAN001001
1-1/4	1-1/4	48	56	46	105	HEAR114114	20C3P4	HEAN114114
1-1/2	1-1/2	54	62	60	105	HEAR112112	24C3P4	HEAN112112

* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
* Add S4 for material AISI-304& S6 for material AISI-316

Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	HEAR018018
AISI-304	Natural Finish	HEAR018018S4
AISI-316	Natural Finish	HEAR018018S6



Part Name- HEAG

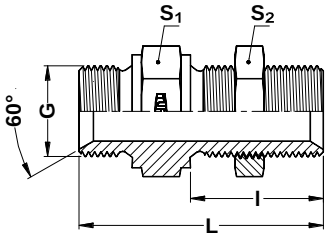


Part Name- HTAG

G Male BSPP	N	S A/F	NP (bar)	Carbon Steel		Carbon Steel	
				TUFIT Part No. (Elbow)	Parker Ref Part Code	TUFIT Part No. (Tee)	Parker Ref Part Code
1/8	17	12	350	HEAG018018	2EMK4	HTAG018018018	2JMK4
1/4	24	14	350	HEAG014014	4EMK4	HTAG014014014	4JMK4
3/8	27	17	350	HEAG038038	6EMK4	HTAG038038038	6JMK4
1/2	32	22	200	HEAG012012	8EMK4	HTAG012012012	8JMK4
5/8	34	22	200	HEAG058058	10EMK4	HTAG058058058	10JMK4
3/4	36	27	200	HEAG034034	12EMK4	HTAG034034034	12JMK4
1	42	36	120	HEAG001001	16EMK4	HTAG001001001	16JMK4
1-1/4	48	46	105	HEAG114114	20EMK4	HTAG114114114	20JMK4
1-1/2	54	60	105	HEAG112112	24EMK4	HTAG112112112	24JMK4

* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
* Add S4 for material AISI-304& S6 for material AISI-316

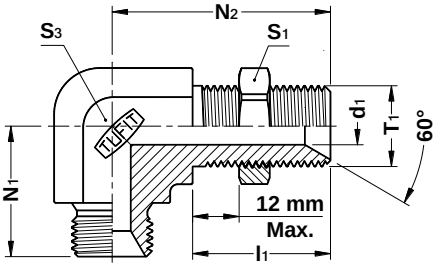
Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	HEAG018018
AISI-304	Natural Finish	HEAG018018S4
AISI-316	Natural Finish	HEAG018018S6



G Male BSP P	I	L	S1 A/F	S2 A/F	NP (bar)	Carbon Steel	
						TUFIT Part No. (BSPT)	Parker Ref Part Code
1/4	28	47	19	19	350	HBHSG014014	2WMK4WL4NM
3/8	32	52.5	22	22	350	HBHSG038038	4WMK4WL4NM
1/2	35	59	27	27	200	HBHSG012012	6WMK4WL4NM
5/8	35	61.5	30	32	200	HBHSG058058	10WMK4WL4NM
3/4	38	64.5	32	36	200	HBHSG034034	12WMK4WL4NM
1	41	71	41	41	120	HBHSG001001	16WMK4WL4NM
1-1/4	44	83	50	50	105	HBHSG114114	20WMK4WL4NM
1-1/2	48	91	55	55	105	HBHSG112112	24WMK4WL4NM

* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
* Add S4 for material AISI-304& S6 for material AISI-316

Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	HBHSG014014
AISI-304	Natural Finish	HBHSG014014S4
AISI-316	Natural Finish	HBHSG014014S6

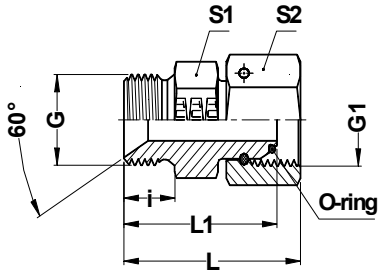


T1 Male BSP P	d1	l1	N1	N2	S1 A/F	S3 A/F	NP (bar)	Carbon Steel TUFIT Part No
1/8	4	25	17	37	14	14	350	HBHEAG018018
1/4	5	28	24	44	19	19	350	HBHEAG014014
3/8	8	32	27	49	22	22	350	HBHEAG038038
1/2	11	35	32	55	27	27	200	HBHEAG012012
5/8	14	35	34	59	30	30	200	HBHEAG058058
3/4	17	38	36	63	32	32	200	HBHEAG034034
1	22	41	42	69	41	41	120	HBHEAG001001
1-1/4	29	44	48	77	50	50	105	HBHEAG114114
1-1/2	33	48	54	87	55	55	105	HBHEAG112112

* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
*

Add S4 for material AISI-304& S6 for material AISI-316

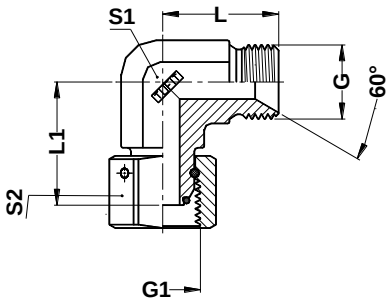
Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	HBHSG014014
AISI-304	Natural Finish	HBHSG014014S4
AISI-316	Natural Finish	HBHSG014014S6



G Male BSPP	G1 Female BSPP	i	L	L1	S1 A / F	S1 A / F	Carbon Steel		
							NP (bar)	TUFIT Part No.	Parker Ref Part Code
1/4	1/4	12	36.5	31	19	19	350	SWHAG014014	4-4F6MK4
3/8	1/4	12	38.5	32	22	19	350	SWHAG014038	-
1/2	1/4	14	42	36	27	19	200	SWHAG014012	-
1/4	3/8	12	38	33	22	22	350	SWHAG038014	-
3/8	3/8	12	40	33.5	22	22	350	SWHAG038038	6-6F6MK4
1/2	3/8	14	43.5	36.5	27	22	200	SWHAG038012	-
3/8	1/2	12	43.5	37	27	27	200	SWHAG012038	-
1/2	1/2	14	46	39	27	27	200	SWHAG012012	8-8F6MK4
3/4	1/2	16	48	39	32	27	200	SWHAG012034	-
1/2	3/4	14	48.5	41.5	32	32	200	SWHAG034012	-
3/4	3/4	16	50	41	32	32	200	SWHAG034034	12-12F6MK4
1	3/4	18	54	43	41	32	120	SWHAG034001	-
1	1	18	57	46	41	41	120	SWHAG001001	16-16F6MK4

* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
* Add S4 for material AISI-304& S6 for material AISI-316

Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	SWHAG014014
AISI-304	Natural Finish	SWHAG014014S4
AISI-316	Natural Finish	SWHAG014014S6

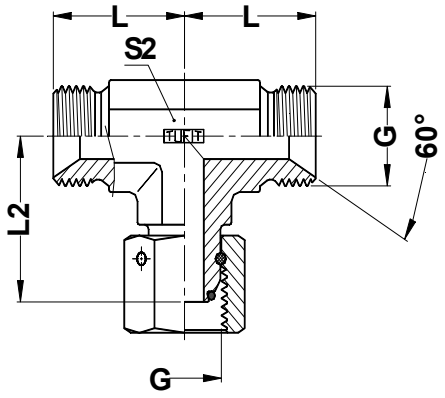


G Male BSPP	G1 Female BSPP	L	L1	S1 A / F	S2 A / F	Carbon Steel		
						NP (bar)	TUFIT Part No.	Parker Ref Part Code
1/8	1/8	17	22	12	12	350	SWHEAG018018	2C6MK4
1/4	1/4	24	31	14	14	350	SWHEAG014014	4C6MK4
3/8	3/8	27	36	17	17	350	SWHEAG038038	6C6MK4
1/2	1/2	32	41	22	22	200	SWHEAG012012	8C6MK4
5/8	5/8	34	41.5	22	30	200	SWHEAG058058	10C6MK4
3/4	3/4	36	45	27	27	200	SWHEAG034034	12C6MK4
1	1	42	54	36	36	120	SWHEAG001001	16C6MK4
1-1/4	1-1/4	48	60	46	46	105	SWHEAG114114	20C6MK4
1-1/2	1-1/2	54	63	60	50	105	SWHEAG112112	24C6MK4

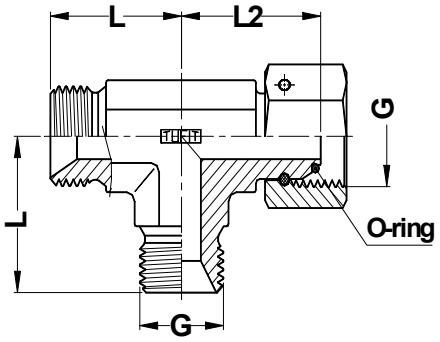
* Other thread combinations in BSPxBSP or MMxMM or BSPxMM can also available on request
* BSP Taper Thread (NPT/BSPT) is also available
* Use suitable Copper Washer/ Dowty Seal
* Dimensions for reference only subject to change
* Add S4 for material AISI-304& S6 for material AISI-316

Material	Surface Protection	Tufit Part No. Example
Carbon Steel	Trivalent Cr(VI) - free Zinc Plated Bright Passivated	SWHEAG014014
AISI-304	Natural Finish	SWHEAG014014S4
AISI-316	Natural Finish	SWHEAG014014S6

HOSE SWIVEL BRANCH TEE ADAPTOR



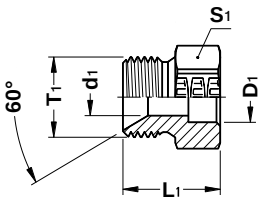
HOSE SWIVEL RUN TEE ADAPTOR



G Male BSP	G_1 Female BSP	L	L_2	S_2 A/F	NP Bar	Part No. (Branch Tee)	Part No. (Run Tee)
1/8	**1/8**	17	22	12	350	SWBTAG018018/018	SWRTAG018018018
1/4	**1/4**	24	31	14	350	SWBTAG014014014	SWRTAG014114114
3/8	**3/8**	27	36	17	350	SWBTAG038038038	SWRTAG038038038
1/2	**1/2**	32	41	22	200	SWBTAG012012012	SWRTAG012012012
5/8	**5/8**	34	41.5	22	200	SWBTAG058058058	SWRTAG058058058
3/4	**3/4**	36	45	27	200	SWBTAG034034034	SWRTAG034034034
1	**1**	42	54	36	120	SWBTAG001001001	SWRTAG001001001
1-1/4	**1-1/4**	48	60	46	105	SWBTAG114114114	SWRTAG114114114
1-1/2	**1-1/2**	54	63	60	105	SWBTAG112112112	SWRTAG112112112

TUFIT 60° Hose Socket Weld Tube Adaptor — 60° Cone / Socket Weld

ISO: 8434-6 (Figure 8) — **Male BSPP With 60° Cone / Socket Weld**

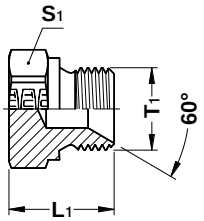


Part No. Example	
SS-304	S4 WDAG018
SS-316	S6 WDAG018

T_1 Male BSPP	Tube OD D_1	Max W/P (Bar) Steel/ SS	d_1	L_1	S_1 A/F	Part No. Steel
G 1/8 A	6	350	4	20.5	10	WDAG018
G 1/4 A	8	350	5	23.5	14	WDAG014
G 3/8 A	10	350	8	24.5	17	WDAG038
G 1/2 A	12	200	11	26.5	22	WDAG012
G 5/8 A	16	200	14	29	24	WDAG058
G 3/4 A	20	200	17	33	27	WDAG034
G 1 A	25	120	22	41	36	WDAG001
G 1-1/4 A	32	105	29	42	46	WDAG114
G 1-1/2 A	38	105	33	44	50	WDAG112

TUFIT 60° Hose Blanking Plug — 60° Cone

ISO: 8434-6 — **Male BSPP with 60° Cone**

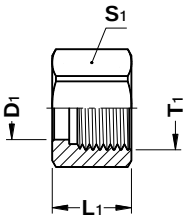


Part No. Example	
SS-304	**S4HHBPBG018**
SS-316	**S6HHBPBG018**

T_1 Male BSPP	Max W/P (Bar) Steel/ SS	L_1	S_1 A/F	Part No. Steel
G 1/8 A	350	14	14	HHBPBG018
G 1/4 A	350	19	19	HHBPBG014
G 3/8 A	350	21	22	HHBPBG038
G 1/2 A	200	24	27	HHBPBG012
G 5/8 A	200	27	30	HHBPBG058
G 3/4 A	200	27	32	HHBPBG034
G 1 A	120	30	41	HHBPBG001
G 1-1/4 A	105	39	50	HHBPBG114
G 1-1/2 A	105	43	55	HHBPBG112
G 2 A	70	48	70	HHBPBG002

TUFIT Loose Style Nut — Female BSPP

ISO: 8434-6 (Figure 7)

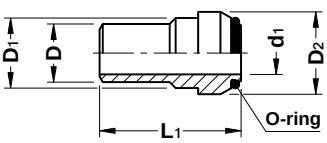


Part No. Example	
SS-304	S4 HNG018
SS-316	S6 HNG018
Brass	

T_1 Female BSPP	For Tube OD	Max W/P (Bar) Steel/ SS	D_1	L_1	S_1 A/F	Part No. Steel
G 1/8	6	350	7	12	14	HNG018
G 1/4	8	350	9.5	15	19	HNG014
G 3/8	10	350	12.6	17	22	HNG038
G 1/2	12	200	16.2	20	27	HNG012
G 5/8	16	200	18.3	22	30	HNG058
G 3/4	20	200	21.8	22.5	32	HNG034
G 1	25	120	28.2	27.5	41	HNG001
G 1-1/4	32	105	36.6	27.5	50	HNG114
G 1-1/2	38	105	42.2	35	55	HNG112
G 2	50	70	54.1	37.5	70	HNG002

TUFIT 60°Cone Style-A Tube Weld Nipple Type-A — Butt Weld

ISO: 8434-6 (Figure 6)



Part No. Example	
SS-304	S4 HWDNP018
SS-316	S6 HWDNP018

Tube OD D	D_1	D_2	d_1	L_1	Part No. Steel
6	6.7	8.5	4	27	HWDNP018
8	9.2	11.5	5	30	HWDNP014
10	12.3	14.9	8	31	HWDNP038
12	15.9	18.6	11	32	HWDNP012
16	18	20.6	14	35	HWDNP058
20	21.5	24	17	40	HWDNP034
25	27.8	30.3	22	45	HWDNP001
32	36.2	39	29	48	HWDNP114
38	41.8	45	33	59	HWDNP112
50	53.6	56.5	46	59	HWDNP002