

3/4" SQUARE DRIVE

TRITORC
BOLT ON TRUST

TORX DRIVE SOCKETS

PART NO.	A/F mm	D mm	d mm	L mm	T mm	Weight kg
TX414	14	19	44	50	9	0.32
TX416	16	21	44	50	11	0.32
TX418	18	24	44	50	12	0.33
TX420	20	26	44	50	13	0.38

SURFACE DRIVE SOCKETS STANDARD

PART NO.	A/F mm	D1 mm	D2 mm	S mm	T mm	Weight kg
TS412	12	23	44	50	8	0.34
TS413	13	24	44	50	8	0.34
TS414	14	26	44	50	10	0.34
TS415	15	26	44	50	10	0.35
TS416	16	27	44	50	10	0.35
TS417	17	30	44	50	10	0.38
TS418	18	31	44	50	11	0.37
TS419	19	32	44	50	11	0.38
TS420	20	33	44	50	12	0.39
TS421	21	35	44	50	12	0.39
TS422	22	35	44	50	12	0.37
TS424	24	38.5	44	50	14	0.39
TS427	27	42	44	54	16	0.41
TS428	28	44	44	54	16	0.43
TS430	30	46	44	54	17	0.43
TS432	32	48.5	44	56	19	0.48
TS433	33	51	44	56	19	0.52
TS434	34	52	44	56	20	0.51

SURFACE DRIVE SOCKETS LONG

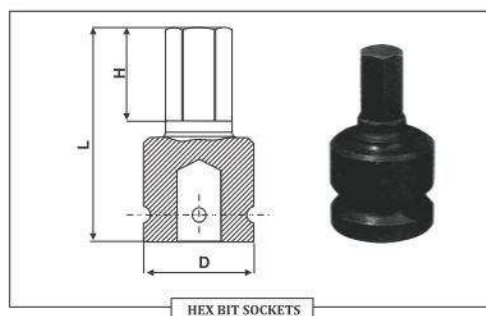
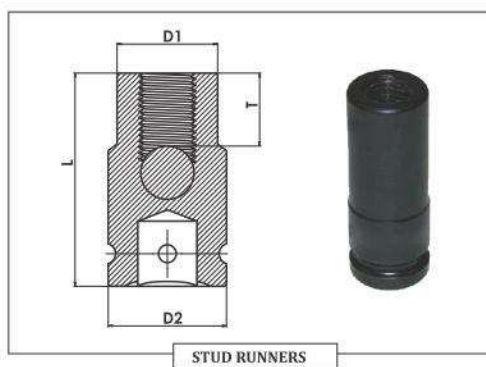
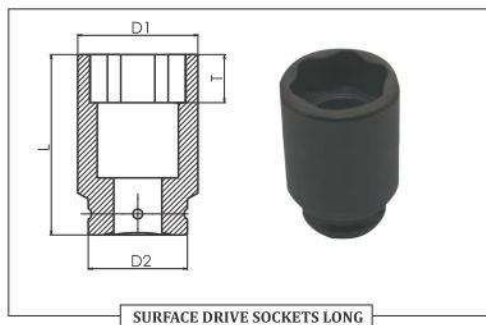
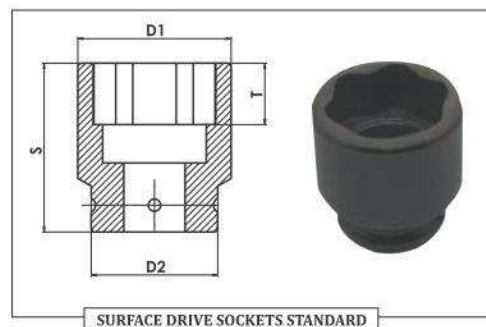
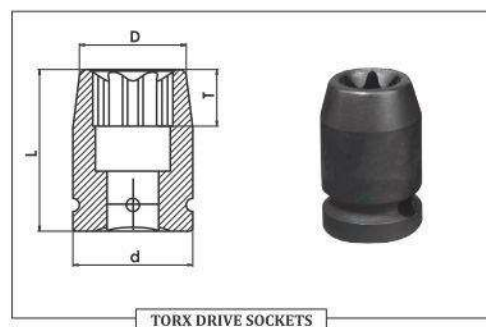
PART NO.	A/F mm	D1 mm	D2 mm	S mm	T mm	Weight kg
TSL417	17	31	44	100	10	0.60
TSL418	18	32	44	100	11	0.64
TSL419	19	33	44	100	11	0.66
TSL421	21	36	44	100	12	0.68
TSL422	22	36	44	100	12	0.70
TSL424	24	39.5	44	100	14	0.73
TSL427	27	43	44	100	16	0.78

STUD RUNNERS

PART NO.	A/F mm	PITCH mm	D mm	d mm	L mm	T mm	Weight kg
TR414	14	2	32	44	80	18	0.60
TR416	16	2	32	44	80	20	0.58
TR418	18	2.5	36	44	80	22	0.65
TR420	20	2.5	38	44	80	25	0.65
TR422	22	2.5	40	44	80	25	0.69
TR424	24	3	44	44	80	25	0.73
TR427	27	3	48	44	100	30	1.08
TR430	30	3.5	52	44	100	32	1.25
TR433	33	3.5	55	44	100	36	0.35
TR436	36	4	58	44	110	40	1.62
TR439	39	4	62	44	110	44	1.83

HEX BIT SOCKET

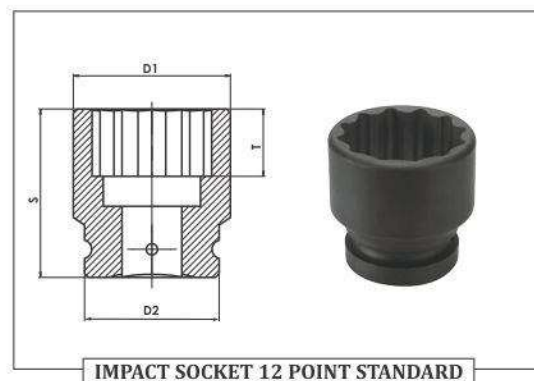
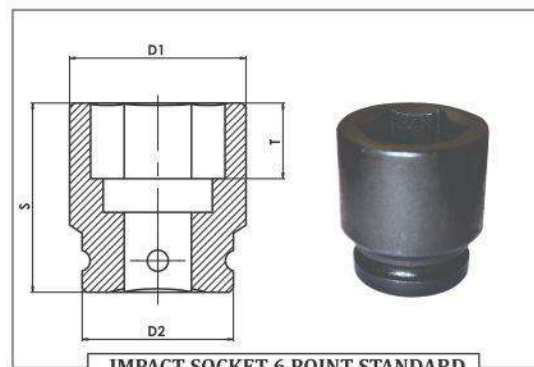
Part No.	A/F Inch	A/F Inch	L (mm)	H mm
TH412		12	80	30
TH412F	1/2"		80	30
TH414		14	80	30
TH414F	9/16"		80	30
TH417		17	90	40
TH417F	5/8"		90	40
TH419		19	95	40
TH419F	3/4"		95	40
TH422		22	95	45
TH422F	7/8"		95	45
TH424		24	100	50



Automotive Purpose

IMPACT SOCKET 6 POINT STANDARD

PART NO.	mm	A/F Inch	D1 mm	D2 mm	S mm	T mm	Weight gm
TI412F		1/2"	24	44	45	13	295
TI413	13		25	44	45	13	295
TI414	14		25	44	45	13	295
TI414F		9/16"	25	44	45	13	295
TI415	15		29	44	45	14	295
TI415F		5/8"	29	44	45	14	295
TI416	16		29	44	45	14	295
TI417	17		29	44	45	14	295
TI417F		11/16"	29	44	45	14	295
TI418	18		32	44	45	14	295
TI419	19		32	44	45	16	295
TI419F		3/4"	32	44	45	16	295
TI420	20		35	44	46	16	345
TI420F		13/16"	35	44	46	16	345
TI421	21		35	44	46	16	345
TI422	22		38	44	46	18	345
TI422F		7/8"	38	44	46	18	345
TI423	23		38	44	46	18	345
TI423F		15/16"	40	44	46	18	345
TI424	24		40	44	46	21	345
TI425	25		41	44	46	21	345
TI425F		1"	41	44	46	21	345
TI426	26		41	44	46	21	385
TI427	27		41	44	48	23	385
TI427F		1.1/16"	41	44	48	23	385
TI428	28		44	44	48	23	385
TI428F		1.1/8"	44	44	52	23	385
TI429	29		44	44	52	23	385
TI430	30		44	44	52	24	425
TI430F		1.3/16"	44	44	52	24	425
TI431	31		49	44	52	24	425
TI431F		1.1/4"	49	44	52	24	425
TI432	32		49	44	52	26	435
TI433	33		49	44	52	26	435
TI433F		1.5/16"	49	44	55	26	435
TI434	34		52	44	55	26	465
TI435	35		52	44	55	26	465
TI435F		1.3/8"	52	44	55	26	465
TI436	36		52	44	55	28	465
TI436F		1.7/16"	52	44	56	28	465
TI437	37		54	44	56	28	495
TI438	38		54	44	59	30	525
TI438F		1.1/2"	54	44	59	30	525
TI439	39		57	44	59	30	525
TI439F		1.9/16"	57	44	59	30	525
TI440	40		57	44	59	30	525
TI441	41		57	44	59	36	555
TI441F		1.5/8"	57	44	59	36	555
TI442	42		60	44	59	36	600
TI443	43		63	44	64	36	600
TI443F		1.11/16"	63	44	64	36	600
TI444	44		63	44	64	36	600
TI444F		1.3/4"	63	44	64	36	600
TI445	45		63	44	64	36	855
TI446	46		67	44	64	36	855
TI446F		1.13/16"	67	44	64	36	855
TI447	47		67	54	64	36	915
TI447F		1.7/8"	67	54	67	36	915
TI448	48		67	54	67	36	955
TI449	49		70	54	67	36	955
TI449F		1.15/16"	70	54	67	36	955
TI450	50		70	54	67	39	1045
TI451	51		73	54	67	39	1045
TI451F		2"	73	54	67	39	1045
TI452	52		73	54	67	39	1045
TI452F		2.1/16"	73	54	70	39	1045
TI454	54		73	54	71	39	1205
TI454F		2.1/8"	73	54	71	39	1205
TI455	55		78	54	71	41	1205
TI455F		2.3/16"	78	54	71	41	1205
TI456	56		78	54	71	41	1325
TI457	57		82	54	74	41	1325
TI457F		2.1/4"	82	54	74	41	1325
TI458	58		82	54	74	41	1325
TI459	59		82	54	75	41	1325

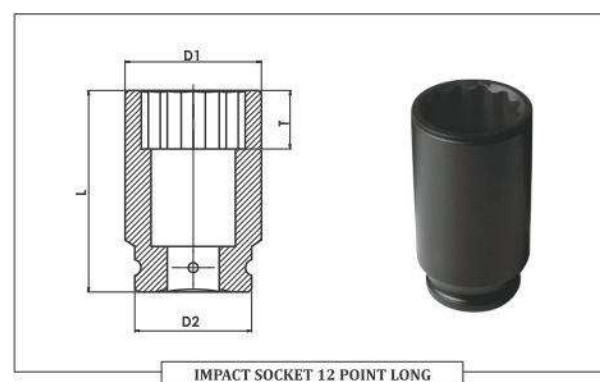
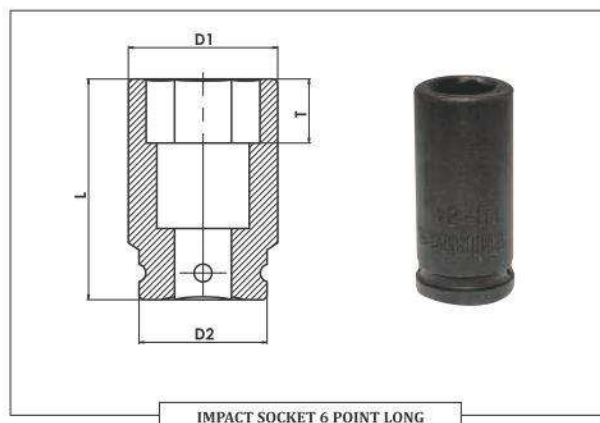


Note: All the above sizes are available in 12 point (Bi-Hex) Sockets.

To order Bi-Hex suffix above part numbers with "BH"

IMPACT SOCKET 6 POINT LONG

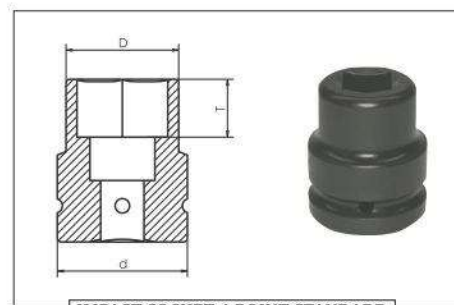
PART NO.	mm	A/F Inch	D1 mm	D2 mm	L mm	T mm	Weight gm
TIL412F		1/2"	24	44	90	13	755
TIL413	13		25	44	90	13	755
TIL414	14		25	44	90	13	755
TIL414F		9/16"	25	44	90	13	755
TIL415	15		29	44	90	14	755
TIL415F		5/8"	29	44	90	14	755
TIL416	16		29	44	90	14	755
TIL417	17		29	44	90	14	755
TIL417F		11/16"	29	44	90	14	755
TIL418	18		32	44	90	14	755
TIL419	19		32	44	90	16	755
TIL419F		3/4"	32	44	90	16	755
TIL420	20		35	44	90	16	755
TIL420F		13/16"	35	44	90	16	755
TIL421	21		35	44	90	16	755
TIL422	22		38	44	90	18	755
TIL422F		7/8"	38	44	90	18	755
TIL423	23		38	44	90	18	755
TIL423F		15/16"	40	44	90	18	755
TIL424	24		40	44	90	21	755
TIL425	25		41	44	90	21	755
TIL425F		1"	41	44	90	21	755
TIL426	26		41	44	90	21	755
TIL427	27		41	44	90	23	755
TIL427F		1.1/16"	41	44	90	23	755
TIL428	28		44	44	90	23	695
TIL428F		1.1/8"	44	44	90	23	695
TIL429	29		44	44	90	23	695
TIL430	30		44	44	90	24	695
TIL430F		1.3/16"	44	44	90	24	695
TIL431	31		49	44	90	24	785
TIL431F		1.1/4"	49	44	90	24	785
TIL432	32		49	44	90	26	785
TIL433	33		49	44	90	26	785
TIL433F		1.5/16"	49	44	90	26	785
TIL434	34		52	44	90	26	805
TIL435	35		52	44	90	26	805
TIL435F		1.3/8"	52	44	90	26	805
TIL436	36		52	44	90	28	805
TIL436F		1.7/16"	52	44	90	28	805
TIL437	37		54	44	90	28	855
TIL438	38		54	44	90	30	855
TIL438F		1.1/2"	54	44	90	30	855
TIL439	39		57	44	90	30	925
TIL439F		1.9/16"	57	44	90	30	925
TIL440	40		57	44	90	30	925
TIL441	41		57	44	90	36	1025
TIL441F		1.5/8"	57	44	90	36	1025
TIL442	42		60	44	90	36	1025
TIL443	43		63	44	90	36	1025
TIL443F		1.11/16"	63	44	90	36	1025
TIL444	44		63	44	90	36	1025
TIL444F		1.3/4"	63	44	90	36	1355
TIL445	45		63	44	90	36	1355
TIL446	46		67	44	90	36	1355
TIL446F		1.13/16"	67	44	90	36	1355
TIL447	47		67	54	90	36	1355
TIL447F		1.7/8"	67	54	90	36	1405
TIL448	48		67	54	90	36	1405
TIL449	49		70	54	90	36	1505
TIL449F		1.15/16"	70	54	90	36	1505
TIL450	50		70	54	90	39	1505
TIL451	51		73	54	90	39	1505
TIL451F		2"	73	54	90	39	1505
TIL452	52		73	54	94	39	1505
TIL452F		2.1/16"	73	54	94	39	1505
TIL454	54		73	54	94	39	1805
TIL454F		2.1/8"	73	54	94	39	1805
TIL455	55		78	54	94	41	1805
TIL455F		2.3/16"	78	54	94	41	1905
TIL456	56		78	54	98	41	1905
TIL457	57		82	54	98	41	1905
TIL457F		2.1/4"	82	54	98	41	1905
TIL458	58		82	54	98	41	1905
TIL459	59		82	54	98	41	1905



Note: All the above sizes are available in 12 point (Bi-Hex) Sockets.
To order Bi-Hex suffix above part numbers with "BH"

IMPACT SOCKET 4 POINT STANDARD

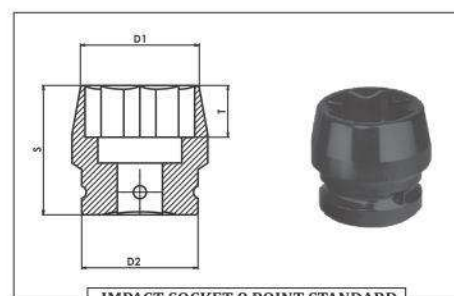
PART NO.	A/F mm	D mm	d mm	L mm	T mm	Weight kg
T4413	13	25	44	60	13	0.27
T4416	16	32	44	60	16	0.40
T4417	17	35	44	60	17	0.40
T4418	18	36	44	60	18	0.42
T4419	19	38	44	60	19	0.43
T4420	20	40	44	60	20	0.46
T4421	21	42	44	60	20	0.48
T4422	22	44	44	60	20	0.50
T4423	23	46	44	60	22	0.51
T4424	24	47	44	60	22	0.55
T4425	25	51	44	60	22	0.55
T4426	26	51	44	60	22	0.55
T4427	27	52	44	60	22	0.55
T4428	28	53	44	60	22	0.64
T4430	30	56	44	65	25	0.73
T4432	32	58	44	65	25	0.76
T4433	33	60	44	65	25	0.82
T4434	34	61	44	70	30	0.88
T4435	35	62	44	70	30	0.89



IMPACT SOCKET 4 POINT STANDARD

IMPACT SOCKET 8 POINT STANDARD

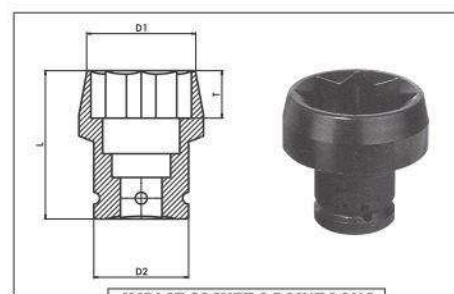
PART NO.	mm	A/F Inch	D1 mm	D2 mm	S mm	T mm	Weight gm
T8433F		1.1/4"	60	44	53	17.0	550
T8434F		1.5/16"	63	44	53	19.0	640
T8435	35		67	44	53	19.0	620
T8435F		1.3/8"	67	44	53	19.0	620
T8436F		1.7/16"	67	44	57	19.0	720
T8438	38		67	44	57	22.0	680
T8438F		1.1/2"	67	44	57	22.0	680
T8439F		1.9/16"	78	54	57	22.0	930
T8441	41		78	54	57	22.0	1000
T8441F		1.5/8"	78	54	57	22.0	1000
T8443	43		82	54	62	25.0	1200
T8443F		1.11/16"	82	54	62	25.0	1200
T84443F		1.3/4"	82	54	63	25.5	1150
T8446	46		82	54	63	25.5	1180
T8446F		1.13/16"	82	54	63	25.5	1180
T8447F		1.7/8"					



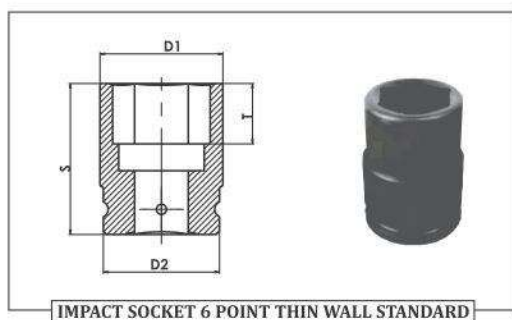
IMPACT SOCKET 8 POINT STANDARD

IMPACT SOCKET 8 POINT LONG

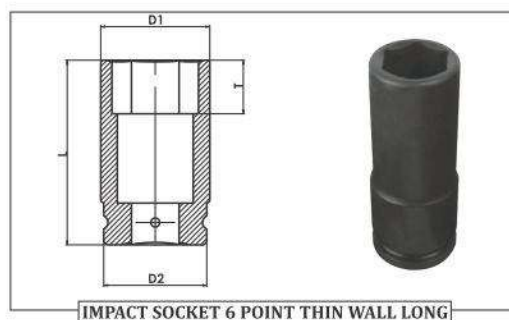
PART NO.	mm	A/F Inch	D1 mm	D2 mm	S mm	T mm	Weight gm
T8L433F		1.1/4"	60	44	81	17.0	770
T8L434F		1.5/16"	63	44	81	19.0	770
T8L435	35		67	44	81	19.0	820
T8L435F		1.3/8"	67	44	81	19.0	820
T8L436F		1.7/16"	67	44	81	19.0	800
T8L438	38		67	44	81	22.0	750
T8L438F		1.1/2"	67	44	81	22.0	750
T8L439F		1.9/16"	78	54	81	22.0	1200
T8L441	41		78	54	81	22.0	1200
T8L441F		1.5/8"	78	54	81	22.0	1200
T8L443	43		82	54	81	25.0	1300
T8L443F		1.11/16"	82	54	81	25.0	1300
T8L444F		1.3/4"	82	54	81	25.5	1300
T8L446	46		82	54	81	25.5	1300
T8L446F		1.13/16"	82	54	81	25.5	1300
T8L447F		1.7/8"					



IMPACT SOCKET 8 POINT LONG



IMPACT SOCKET 6 POINT THIN WALL STANDARD



IMPACT SOCKET 6 POINT THIN WALL LONG

IMPACT SOCKET 6 POINT THIN WALL STANDARD

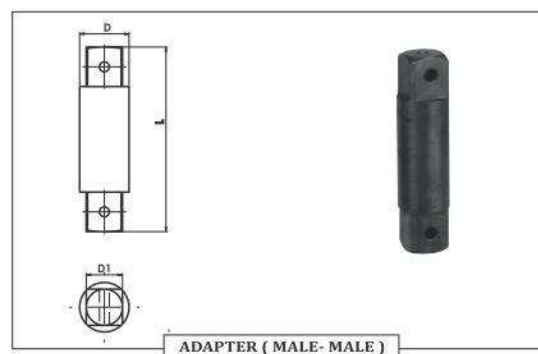
PART NO.	mm	A/F Inch	D1 mm	D2 mm	S mm	T mm	Weight gm
TT417	17		28	44	45	9.0	305
TT417F		11/16"	28	44	45	9.0	305
TT418	18		30	44	45	9.0	305
TT419	19		30	44	45	9.5	305
TT419F		3/4"	30	44	45	9.5	305
TT420	20		35	44	46	10.0	355
TT420F		13/16"	35	44	46	11.0	355
TT421	21		35	44	46	11.0	355
TT422	22		35	44	46	11.0	355
TT422F		7/8"	35	44	46	13.0	355
TT423	23		35	44	46	13.0	355
TT423F		15/16"	38	44	46	13.0	355
TT424	24		38	44	46	13.0	355
TT425	25		38	44	46	13.0	355
TT425F		1"	38	44	46	13.0	355
TT426	26		41	44	46	13.0	355
TT426F		1.1/16"	41	44	46	13.0	355
TT427	27		41	44	48	13.0	355
TT428	28		41	44	48	14.0	355
TT428F		1/8"	41	44	52	16.5	355
TT429	29		41	44	52	16.5	355
TT430	30		44	44	52	16.5	355
TT430F		1.3/16"	44	44	52	16.5	355
TT431	31		44	44	52	17.0	355
TT431F		1.1/4"	48	44	52	17.0	355
TT432	32		48	44	52	17.0	425
TT433	33		48	44	55	17.0	425
TT433F		1.5/16"	48	44	55	19.0	425
TT434	34		50	44	55	19.0	425
TT435	35		52	44	55	19.0	425
TT435F		1.3/8"	52	44	55	19.0	425
TT436	36		52	44	56	19.0	455
TT436F		1.7/16"	52	44	56	19.0	455
TT437	37		52	44	56	19.0	455
TT438	38		54	44	59	22.0	455
TT438F		1.1/2"	54	44	59	22.0	455
TT439	39		54	44	59	22.0	455
TT439F		1.9/16"	54	44	59	22.0	455
TT440	40		54	44	59	22.0	455
TT441	41		57	44	59	22.0	455
TT441F		1.5/8"	57	44	59	22.0	455
TT442	42		60	44	59	22.0	455
TT443	43		60	44	64	25.0	655
TT443F		1.11/16"	60	44	64	25.0	655
TT444	44		60	44	64	25.0	655
TT444F		1.3/4"	60	44	64	25.5	655
	45		60	44	64	25.5	655
	46		63	44	64	25.5	705
		1.13/16"	63	44	64	25.5	705

IMPACT SOCKET 6 POINT THIN WALL LONG

PART NO.	mm	A/F Inch	D1 mm	D2 mm	S mm	T mm	Weight gm
TTL417	17		28	44	90	9.0	700
TTL417F		11/16"	28	44	90	9.0	705
TTL418	18		30	44	90	9.0	705
TTL419	19		30	44	90	9.5	705
TTL419F		3/4"	30	44	90	9.5	705
TTL420	20		35	44	90	10.0	705
TTL420F		13/16"	35	44	90	11.0	705
TTL421	21		35	44	90	11.0	705
TTL422	22		35	44	90	11.0	705
TTL422F		7/8"	35	44	90	13.0	705
TTL423	23		35	44	90	13.0	705
TTL423F		15/16"	38	44	90	13.0	705
TTL424	24		38	44	90	13.0	705
TTL425	25		38	44	90	13.0	705
TTL425F		1"	38	44	90	13.0	705
TTL426	26		41	44	90	13.0	705
TTL426F		1.1/16"	41	44	90	13.0	705
TTL427	27		41	44	90	13.0	705
TTL428	28		41	44	90	14.0	705
TTL428F		1/8"	41	44	90	16.5	705
TTL429	29		41	44	90	16.5	705
TTL430	30		44	44	90	16.5	705
TTL430F		1.3/16"	44	44	90	16.5	705
TTL431	31		44	44	90	17.0	705
TTL431F		1.1/4"	48	44	90	17.0	705
TTL432	32		48	44	90	17.0	755
TTL433	33		48	44	90	17.0	755
TTL433F		1.5/16"	48	44	90	19.0	755
TTL434	34		50	44	90	19.0	755
TTL435	35		52	44	90	19.0	755
TTL435F		1.3/8"	52	44	90	19.0	755
TTL436	36		52	44	90	19.0	885
TTL436F		1.7/16"	52	44	90	19.0	885
TTL437	37		52	44	90	19.0	885
TTL438	38		54	44	90	22.0	885
TTL438F		1.1/2"	54	44	90	22.0	885
TTL439	39		54	44	90	22.0	805
TTL439F		1.9/16"	54	44	90	22.0	805
TTL440	40		54	44	90	22.0	805
TTL441	41		57	44	90	22.0	805
TTL441F		1.5/8"	57	44	90	22.0	805
TTL442	42		60	44	90	22.0	805
TTL443	43		60	44	90	25.0	855
TTL443F		1.11/16"	60	44	90	25.0	855
TTL444	44		60	44	90	25.0	855
TTL444F		1.3/4"	60	44	90	25.5	855
	45		60	44	90	25.5	855
	46		63	44	90	25.5	1005
		1.13/16"	63	44	90	25.5	1005

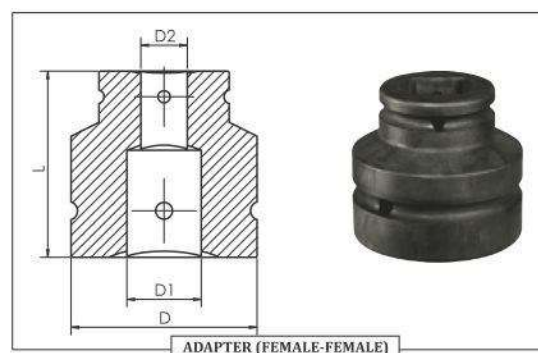
ADAPTER (MALE-MALE)

Part No.	Type	Male	D mm	L mm	Wt (gm)
TA401	3/4" D	3/4"	25.4	51	145
TA402		3/4"	25.4	78	285
TA403		3/4"	25.4	101	365
TA404		3/4"	25.4	127	465
TA405		3/4"	25.4	177	645
TA406		3/4"	25.4	254	825
TA407		3/4"	25.4	330	1245
TA408		3/4"	25.4	381	1355
TA409		3/4"	25.4		



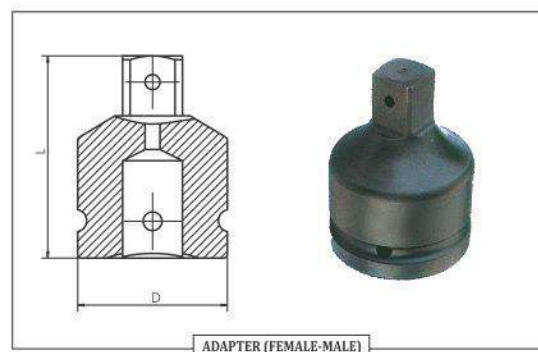
ADAPTER (FEMALE-FEMALE)

Part No.	Type	D1	D2	D mm	L mm	Wt (gm)
TA410	3/4" D	3/4"	1/2"	44	49	325
TA411		3/4"	5/8"	44	50	375
TA412		3/4"	3/4"	44	49	395
TA413		1"	3/4"	44	63	685



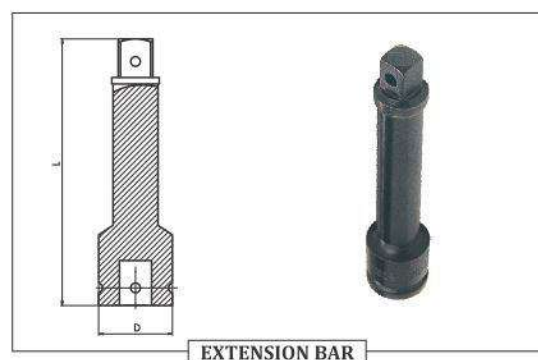
ADAPTER (FEMALE-MALE)

Part No.	Type	Female	Male	D mm	L mm	Wt (gm)
TA414	3/4" D	3/4"	1/2"	44	55	345
TA415		3/4"	5/8"	44	57	350
TA416		3/4"	1"	44	59	405



EXTENSION BAR

Part No.	Type	Female	Male	D mm	L mm	Wt (gm)
TAE417	3/4" D	3/4"	3/4"	44	75	470
TAE418		3/4"	3/4"	44	100	555
TAE419		3/4"	3/4"	44	125	695
TAE420		3/4"	3/4"	44	175	905
TAE421		3/4"	3/4"	44	250	1205
TAE422		3/4"	3/4"	44	325	1465



UNIVERSAL JOINT

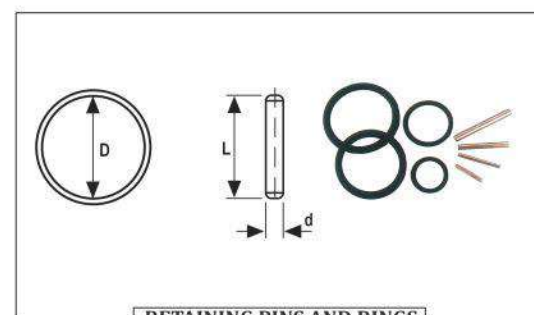
Part No.	Square Size	Type	D mm	L mm	Wt (gm)
TAU423	3/4"	3/4" D	44	94	590



UNIVERSAL JOINT

RETAINING PINS AND RINGS

Part No. Retainig		Type	For Socket		Pin		Ring
Pin	Ring		Square Size	Dia. of sq end	D (mm)	L (mm)	D (mm)
TAP424	TAR426	3/4"D	3/4"	44	4	35	36
TAP425	TRA427		3/4"	54	4	45	46



RETAINING PINS AND RINGS

ACCESSORIES (MANUAL)

Part No.	Type	Description	Overall Length
3/4" D	TSB-4	T-handle	500
	TSH-4	Swivel Handle	580
	TAH-4	L-handle	350



ACCESSORIES