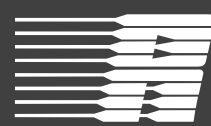


TUBE FITTINGS & LOW - MEDIUM PRESSURE ACCESSORIES **BSP - NPT - METRIC**



 **REDFLUID**

ADAPTORS - BSP - METRIC - NPT - TAPER

Product-Groups	Page	
Straight Adaptors BSP - Metric - 60°-Cone BSP - Metric - 60°-Cone	5.4	
Straight Welding Adaptors Metric - 60°-Cone Metric - 60°-Cone	5.5	
Straight Adaptors BSP - Parallel - BSP - Taper BSP - Parallel - 60°-Cone BSP - Parallel - 60°-Cone with Soft Sealing BSP - Parallel - Flat Face BSP - Parallel - Reduced - 60°-Cone BSP - Parallel - Reduced - 60°-Cone with Soft Sealing BSP - Parallel - NPT NPT - NPT NPT - NPT - Reduced BSP - Taper - BSP - Taper BSP - Taper - BSP - Taper - Reduced	5.6 5.7 5.8 5.9 5.10 5.11 5.12 5.13 5.14 5.15 5.16	
Plug BSP - Taper NPT - Male	5.17 5.18	
Straight Adaptors BSP - Female - BSP - Taper BSP - Female - NPT - Male BSP - Female - BSP - Parallel	5.19 5.20 5.21	
Adaptors - DKR Straight Adaptors - BSP - Female Elbow-Adaptors - BSP - Female T-Adaptors - BSP - Female K-Adaptors - BSP - Female	5.22 5.23 5.24 5.25	

ADAPTORS - BSP - METRIC - NPT - TAPER

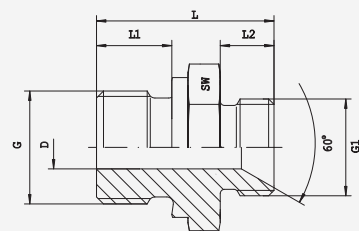
Product-Groups	Page	
Adaptors		
Elbow-Adaptors - BSP - Male	5.26	
Elbow-Adaptors - NPT - NPT - Male - 90°	5.27	
T-Adaptors - BSP - Male	5.28	
K-Adaptors - BSP - Male	5.29	
WE-Block-Elbow-Adaptors		
90° - BSP - Female - BSP - Male	5.30	
45° - BSP - Female - BSP - Male	5.31	
Adaptors		
LE-Adaptors - BSP - Female - BSP - Male	5.32	
TE-Adaptors - BSP - Female - BSP - Male	5.33	
Elbow-Adaptors - BSP - Parallel	5.34	
T-Adaptors - BSP - Parallel	5.35	
Elbow-Adaptors - NPT	5.36	
T-Adaptors - NPT	5.37	
Elbow-Adaptors - 90°	5.38	
Straight Bulkhead Adaptors BSP - Male		
Straight Bulkhead Adaptors - BSP - Male	5.39	
Elbow-Adaptors		
BSP - Male - BSP - Taper - Male	5.40	
Hexagon Sockets		
BSP - Female		
BSP - Female - Reduced	5.41	
NPT - Female	5.42	
NPT - Reduced	5.43	
	5.44	

ADAPTORS - BSP - METRIC - NPT - TAPER

Product-Groups	Page	
Swivel Caps DKR - BSP - Female Swivel Caps - DKR - BSP - Female	5.45	
BSP-60°-Coned Plug Parallel with Outside Hexagon BSP-60°-Coned Plug - Parallel with Outside Hexagon	5.46	
Hexagon Adaptors BSP - Male / Female BSP - Male / Female - Form A BSP - Male / Female - Form B	5.47 5.48	
Male/Female Stud Adaptors BSP - Male - NPT - Female - Form A BSP - Male - NPT - Female - Form B NPT - Male - BSP - Female - Form A NPT - Male - BSP - Female - Form B NPT - Male - NPT - Female - Form A NPT - Male - NPT - Female - Form B	5.49 5.50 5.51 5.52 5.53 5.54	
Hexagon Caps BSP - Parallel - Female NPT - Female	5.55 5.56	
Male Stud Elbows 90° - BSP - Male 90° - BSP - Male	5.57	
Locknuts for Bulkhead Couplings BSP - Parallel Locknuts for Bulkhead Couplings - BSP - Parallel	5.58	
Straight Bulkhead Adaptors BSP - Metric Straight Bulkhead Adaptors	5.59	

STRAIGHT ADAPTORS

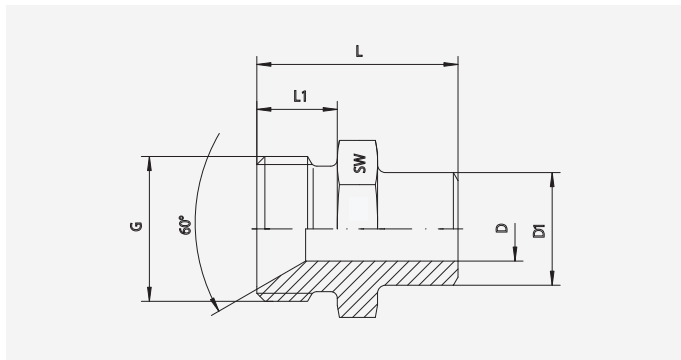
BSP with Sealing Shoulder Form B Metric with 60° Cone



Pressure	Thread		Approx. Dimensions				
	G1	G=BSP	L	L1	L2	D	SW
250	M 18 x 1,5	1/2"	34	14	11	10	27
250	M 22 x 1,5	1/2"	35	14	12	11	27
250	M 26 x 1,5	1/2"	38	14	12	14	27
160	M 30 x 1,5	1/2"	36	14	12	12	32
160	M 26 x 1,5	3/4"	38	16	12	15	32
160	M 30 x 1,5	3/4"	39	16	14	20	32
160	M 30 x 1,5	1"	41	18	14	20	41
160	M 38 x 1,5	1"	41	18	14	24	41
100	M 38 x 1,5	1 1/4"	44	20	14	25	50
100	M 45 x 1,5	1 1/4"	46	20	16	32	50
100	M 45 x 1,5	1 1/2"	49	22	16	32	55
100	M 52 x 1,5	1 1/2"	49	22	16	39	55
50	M 65 x 2	2"	54	24	17	45	70
50	M 78 x 2	2 1/2"	57	26	17	56	85
50	M 100 x 2	3"	68	28	22	76	105

STRAIGHT WELDING ADAPTORS

Metric - Pitch 1,5 mm and 2 mm with 60°-Cone



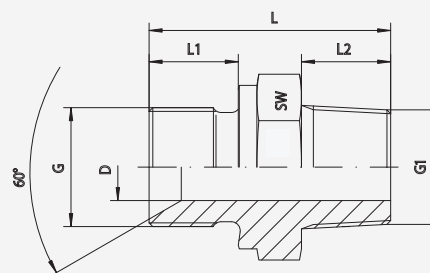
Pressure PN	Thread G1	Approx. Dimensions				
		L	L1	D	D1	SW
250	M 12 x 1,5	24	10	3,5	6	12
250	M 14 x 1,5	25	10	4,5	8	14
250	M 16 x 1,5	25	10	6,0	10	17
250	M 18 x 1,5	25	10	8,0	14	19
250	M 22 x 1,5	27	12	10,5	17	22
250	M 26 x 1,5	28	12	13,0	21	27
160	M 30 x 1,5	28	12	15,5	25	30
160	M 38 x 1,5	30	14	21,0	30	41
100	M 45 x 1,5	31	14	28,0	38	46
100	M 52 x 1,5	32	14	35,0	44	55
50	M 65 x 1,5	36	17	45,0	57	65
50	M 78 x 1,5	36	17	55,0	64	80
50	M 90 x 2	47	22	67,0	76	90
50	M 100 x 2	47	22	77,0	89	100

STRAIGHT ADAPTORS

BSP - Male with 60°-Cone | BSP - Taper - Male | Other sizes on request!



HEX MALE NIPPLE BSPP x BSPT



Series A

Pressure PN	Thread		Approx. Dimensions				
	G=BSP	G1=BSPT	L	L1	L2	D	SW
400	1/8"-28	1/8"-28	23,0	8	8	4,0	14
400	1/4"-19	1/4"-19	30,0	10	12	6,0	19
400	3/8"-19	3/8"-19	32,5	12	12	9,0	22
400	1/2"-14	1/2"-14	37,0	14	14	12,5	27
400	3/4"-14	3/4"-14	47,0	16	19	17,5	32
400	1"-11	1"-11	49,0	18	18	22,0	41
200	1 1/4"-11	1 1/4"-11	54,5	20	20	29,0	50
200	1 1/2"-11	1 1/2"-11	58,5	22	22	37,0	55
100	2"-11	2"-11	66,0	25	26	45,0	70

Series B

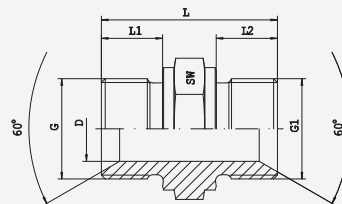
Pressure PN	Thread		Approx. Dimensions				
	G=BSP	G1=BSPT	L	L1	L2	D	SW
400	1/4"-19	1/8"-28	26,0	10	8	4,0	19
400	1/4"-19	3/8"-19	32,0	10	12	7,0	19
400	1/4"-19	1/2"-14	34,0	10	14	6,0	22
400	3/8"-19	1/4"-19	33,0	12	12	7,0	22
400	3/8"-19	1/2"-14	42,0	12	19	9,0	22
400	1/2"-14	3/8"-19	37,0	14	12	9,0	27
400	1/2"-14	3/4"-14	45,0	14	19	12,5	27
400	3/4"-14	1/2"-14	45,0	16	19	12,5	32
400	3/4"-14	1"-14	45,0	16	18	17,5	36

STRAIGHT ADAPTORS

BSP - Male with 60°-Cone and Sealing Shoulder Form B | Male - Male - Parallel



HEX MALE NIPPLE BSPP CONE 60°



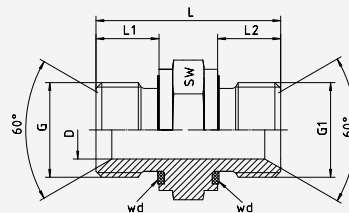
Pressure	Thread		Approx. Dimensions				
	G=BSP	G1=BSPT	L	L1	L2	D	SW
400	1/8"-28	1/8"-28	23,0	8	8	4,5	14
400	1/4"-19	1/4"-19	29,0	10	10	6,0	19
400	3/8"-19	3/8"-19	35,0	12	12	9,0	22
400	1/2"-14	1/2"-14	41,0	14	14	13,0	27
400	5/8"-14	5/8"-14	43,5	16	16	14,5	30
400	3/4"-14	3/4"-14	46,0	16	16	18,0	32
400	1"-11	1"-11	52,0	18	18	23,5	41
200	1 1/4"-11	1 1/4"-11	58,0	20	20	30,0	50
200	1 1/2"-11	1 1/2"-11	61,0	22	22	37,0	55
100	2"-11	2"-11	67,0	25	25	45,0	70
70	2 1/2"-11	2 1/2"-11	70,0	26	26	51,0	90

STRAIGHT ADAPTORS

BSP - Male with 60°- Cone | Sealing by an Elastomer Profiled Ring-Viton | Male - Male - Parallel



HEX MALE NIPPLE BSPP FLAT FACE



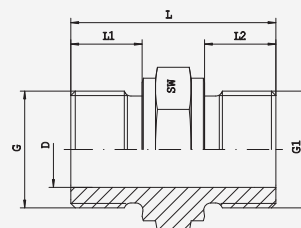
Pressure	Thread		Approx. Dimensions				
	G=BSP	G1=BSPT	L	L1	L2	D	SW
400	1/8"-28	1/8"-28	23,0	8	8	4,5	14
400	1/4"-19	1/4"-19	29,0	10	10	6,0	19
400	3/8"-19	3/8"-19	35,0	12	12	9,0	22
400	1/2"-14	1/2"-14	41,0	14	14	13,0	27
400	3/4"-14	3/4"-14	46,0	16	16	18,0	32
400	1"-11	1"-11	52,0	18	18	23,5	41
200	1 1/4"-11	1 1/4"-11	58,0	20	20	30,0	50
200	1 1/2"-11	1 1/2"-11	61,0	22	22	37,0	55
100	2"-11	2"-11	67,0	25	25	45,0	70

STRAIGHT ADAPTORS

BSP - BSP - Flat face with Sealing Shoulder Form B | Male - Male - Parallel



HEX MALE NIPPLE BSPP x BSPP



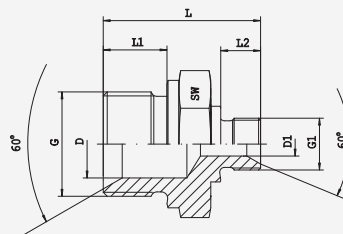
Pressure	Thread		Approx. Dimensions				
	G=BSP	G1=BSPT	L	L1	L2	D	SW
400	1/8"-28	1/8"-28	23,0	8	8	4,5	14
400	1/4"-19	1/4"-19	29,0	10	10	6,0	19
400	3/8"-19	3/8"-19	35,0	12	12	9,0	22
400	1/2"-14	1/2"-14	41,0	14	14	13,0	27
400	5/8"-14	5/8"-14	43,5	16	16	14,5	30
400	3/4"-14	3/4"-14	46,0	16	16	18,0	32
400	1"-11	1"-11	52,0	18	18	23,5	41
200	1 1/4"-11	1 1/4"-11	58,0	20	20	30,0	50
200	1 1/2"-11	1 1/2"-11	61,0	22	22	37,0	55
100	2"-11	2"-11	67,0	25	25	45,0	70
70	2 1/2"-11	2 1/2"-11	70,0	26	26	51,0	90

STRAIGHT ADAPTORS

BSP - BSP - With 60° - Cone and Sealing Shoulder Form B



REDUCED HEX MALE NIPPLE BSPP x BSPP



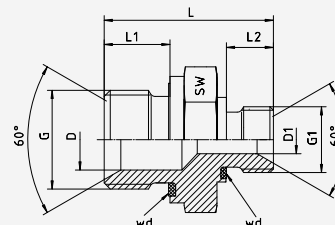
Pressure	Thread		Approx. Dimensions					
	G=BSP	G1=BSPT	L	L1	L2	D	D1	SW
400	1/4"-19	1/8"-28	28,0	12,0	8	6,0	4,5	19
400	3/8"-19	1/8"-28	30,5	12,0	8	9,0	4,5	22
400	3/8"-19	1/4"-19	33,0	12,0	10	9,0	6	22
400	1/2"-14	1/8"-28	34,0	14,0	8	13,0	4,5	27
400	1/2"-14	1/4"-19	38,0	14,0	11	12,5	7	27
400	1/2"-14	3/8"-19	40,0	14,0	12	13,0	9	27
400	5/8"-14	3/8"-19	40,0	14,0	12	14,0	8	30
400	5/8"-14	1/2"-14	42,0	16,0	14	14,5	11,5	30
400	3/4"-14	1/4"-19	39,5	16,0	10	18,0	6	32
400	3/4"-14	3/8"-19	41,0	16,0	12	18,0	9	32
400	3/4"-14	1/2"-14	45,0	16,0	14	18,0	13	32
400	3/4"-14	5/8"-14	45,0	16,0	16	17,0	14,5	32
400	1"-11	3/8"-19	47,0	18,0	12	23,0	9	41
400	1"-11	1/2"-14	48,0	18,0	14	23,5	13	41
400	1"-11	3/4"-14	53,0	18,0	16	23,5	17	41
200	1 1/4"-11	1/2"-14	51,0	20,0	14	30,0	13	50
200	1 1/4"-11	3/4"-14	53,5	20,0	16	30,5	18	50
200	1 1/4"-11	1"-11	58,0	20,0	18	30,5	23	50
200	1 1/2"-11	3/4"-14	55,0	22,0	16	37,0	17	55
200	1 1/2"-11	1"-11	57,0	22,0	18	37,0	23,5	55
200	1 1/2"-11	1 1/4"-11	61,0	22,0	20	37,0	30	55
100	2"-11	1"-11	62,0	25,0	18	43,0	23,5	70
100	2"-11	1 1/4"-11	62,0	25,0	20	45,0	30	70
100	2"-11	1 1/2"-11	64,0	25,0	22	45,0	37	70

STRAIGHT ADAPTORS

BSP - BSP - With 60° | wd= Sealing by an Elastomer Profiled Ring - Viton | Male - Male - Parallel



REDUCED HEX MALE NIPPLE BSPP x BSPP
FLAT FACE



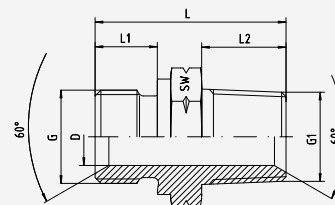
Pressure PN	Thread		Approx. Dimensions						
	G=BSP	G1=BSPT	L	L1	L2	D	D1	SW	
400	1/4"-19	1/8"-28	28,0	12,0	8	6,0	4,5	19	
400	3/8"-19	1/8"-28	30,5	12,0	8	9,0	4,5	22	
400	3/8"-19	1/4"-19	33,0	12,0	10	9,0	6,0	22	
400	1/2"-14	1/4"-19	38,0	14,0	11	12,5	7,0	27	
400	1/2"-14	3/8"-19	40,0	14,0	12	13,0	9,0	27	
400	3/4"-14	1/4"-19	39,5	16,0	10	18,0	6,0	32	
400	3/4"-14	3/8"-19	41,0	16,0	12	18,0	9,0	32	
400	3/4"-14	1/2"-14	45,0	16,0	14	18,0	13,0	32	
400	1"-11	3/8"-19	47,0	18,0	12	23,0	9,0	41	
400	1"-11	1/2"-14	48,0	18,0	14	23,5	13,0	41	
400	1"-11	3/4"-14	53,0	18,0	16	23,5	17,0	41	
200	1 1/4"-11	1/2"-14	51,0	20,0	14	30,0	13,0	50	
200	1 1/4"-11	3/4"-14	53,5	20,0	16	30,5	18,0	50	
200	1 1/4"-11	1"-11	58,0	20,0	18	30,5	23,0	50	
200	1 1/2"-11	3/4"-14	55,0	22,0	16	37,0	17,0	55	
200	1 1/2"-11	1"-11	57,0	22,0	18	37,0	23,5	55	
200	1 1/2"-11	1 1/4"-11	61,0	22,0	20	37,0	30,0	55	
100	2"-11	1"-11	62,0	25,0	18	43,0	23,5	70	
100	2"-11	1 1/4"-11	62,0	25,0	20	45,0	30,0	70	
100	2"-11	1 1/2"-11	64,0	25,0	22	45,0	37,0	70	

STRAIGHT ADAPTORS

BSP - Male with 60° - Cone and Sealing Shoulder Form B | NPT - Male with 60° - Cone | Other sizes on request!



HEX MALE NIPPLE BSPP x NPT



Series A

Pressure PN	Thread		Approx. Dimensions				
	G=BSP	G1=BSPT	L	L1	L2	D	SW
400	1/8"-28	1/8"-28	23,0	8	8	4,0	14
400	1/4"-19	1/4"-19	30,0	10	12	6,0	19
400	3/8"-19	3/8"-19	32,5	12	12	9,0	22
400	1/2"-14	1/2"-14	37,0	14	14	12,5	27
400	3/4"-14	3/4"-14	47,0	16	19	17,5	32
400	1"-11	1"-11	49,0	18	18	22,0	41
200	1 1/4"-11	1 1/4"-11	54,5	20	20	29,0	50
200	1 1/2"-11	1 1/2"-11	58,5	22	22	37,0	55
100	2"-11	2"-11	66,0	25	26	45,0	70

Series B

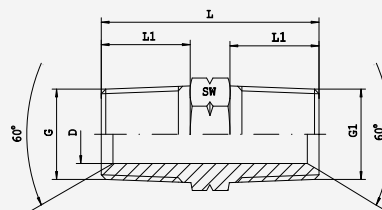
Pressure PN	Thread		Approx. Dimensions				
	G=BSP	G1=BSPT	L	L1	L2	D	SW
400	1/8"-28	1/4"-18	30,0	8	15,0	4,0	14
400	1/4"-19	1/8"-27	27,5	10	10,0	4,0	19
400	1/4"-19	3/8"-18	33,0	10	15,3	6,0	19
400	1/4"-19	1/2"-14	40,0	10	20,0	6,0	22
400	3/8"-19	1/4"-18	35,5	12	15,0	7,0	22
400	3/8"-19	1/2"-14	42,0	12	20,0	9,0	22
400	3/8"-19	3/4"-14	42,0	12	20,0	9,0	27
400	1/2"-14	1/4"-18	40,0	14	15,0	7,0	27
400	1/2"-14	3/8"-18	40,0	14	15,3	9,0	27
400	1/2"-14	3/4"-14	45,0	14	20,0	12,0	27
400	3/4"-14	1/2"-14	45,0	16	20,0	12,5	32
400	3/4"-14	1"-11,5	52,0	16	25,0	17,5	36
400	1"-11	3/8"-18	45,0	18	15,3	9,0	41
400	1"-11	1/2"-14	50,0	18	20,0	12,5	41
400	1"-11	3/4"-14	50,0	18	20,0	15,0	41

STRAIGHT ADAPTORS

NPT - Male with 60° - Cone



HEX MALE NIPPLE BSPP x BSPT



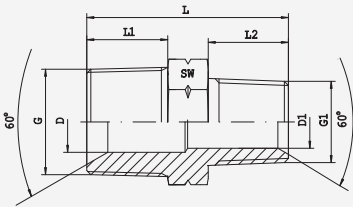
Pressure	Thread		Approx. Dimensions			
	G=BSP	G1=BSPT	L	L1	D	SW
630	1/8"-27	1/8"-27	27,0	10,0	5,0	12
630	1/4"-18	1/4"-18	36,5	15,0	7,0	14
630	3/8"-18	3/8"-18	36,5	15,3	9,0	19
630	1/2"-14	1/2"-14	48,4	20,0	13,5	22
630	3/4"-14	3/4"-14	50,0	20,0	18,0	27
400	1"-11,5	1"-11,5	59,0	25,0	21,0	36
400	1 1/4"-11,5	1 1/4"-11,5	63,0	25,5	31,5	46
400	1 1/2"-11,5	1 1/2"-11,5	65,0	26,0	36,0	50
315	2"-11,5	2"-11,5	68,0	26,0	46,0	65

STRAIGHT ADAPTORS

NPT - Male with 60° - Cone



HEX MALE NIPPLE NPT X NPT



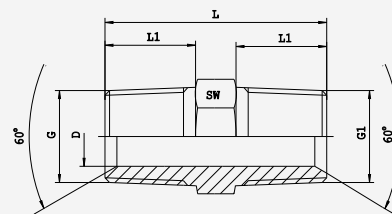
Pressure	Thread		Approx. Dimensions						
	G = NPT	G1 = NPT	L	L1	L2	D	D1	SW	
630	1/4"-18	1/8"-27	32,0	15,0	10,0	7,0	5,0	14	
630	3/8"-18	1/4"-18	36,5	15,3	15,0	7,0	7,0	19	
630	1/2"-14	1/4"-18	43,0	20,0	15,0	7,0	7,0	22	
630	1/2"-14	3/8"-18	43,7	20,0	15,3	13,5	8,0	22	
630	3/4"-14	1/2"-14	50,0	20,0	20,0	18,0	13,5	27	
400	1"-11,5	1/2"-14	54,0	25,0	20,0	21,0	13,5	36	
400	1"-11,5	3/4"-14	54,2	25,0	20,0	21,0	18,0	36	

STRAIGHT ADAPTORS

BSP - Taper



HEX MALE NIPPLE BSPT x BSPT



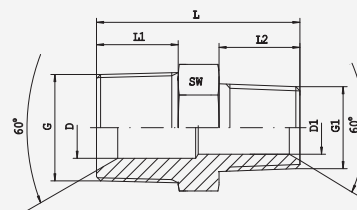
Pressure PN	Thread		Approx. Dimensions			
	G = BSPT	G1 = BSPT	L	L1	D	SW
400	1/8"-28	1/8"-28	22,0	8	4,0	12
400	1/4"-19	1/4"-19	30,0	12	5,0	14
400	3/8"-19	3/8"-19	31,0	12	8,0	19
400	1/2"-14	1/2"-14	38,0	14	13,5	22
400	3/4"-14	3/4"-14	43,0	16	18,0	27
400	1"-11	1"-11	47,0	18	22,5	36
200	1 1/4"-11	1 1/4"-11	52,0	20	29,0	46
200	1 1/2"-11	1 1/2"-11	58,0	22	33,5	50
100	2"-11	2"-11	68,0	26	46,0	65

STRAIGHT ADAPTORS

BSP - Taper



HEX MALE NIPPLE BSPT x BSPT



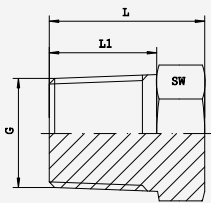
Pressure PN	Thread		Approx. Dimensions						
	G = BSPT	G1 = BSPT	L	L1	L2	D	D1	SW	
400	1/4"-19	1/8"-28	26,0	12	8	5,0	5,0	14	
400	3/8"-19	1/4"-19	31,0	12	12	8,0	8,0	19	
400	1/2"-14	3/8"-19	34,0	14	12	11,5	8,0	22	
400	3/4"-14	1/2"-14	39,0	16	14	18,0	13,5	27	
400	1"-11	3/4"-14	45,0	18	19	22,5	17,0	36	
200	1 1/4"-11	1"-11	50,0	20	18	29,0	22,5	46	
200	1 1/2"-11	1 1/4"-11	56,0	22	20	33,5	29,0	50	

PLUG

BSP - Taper



MALE PLUG BSPT



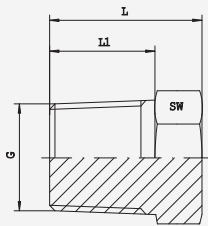
Pressure	Thread	Approx. Dimensions		
		L	L1	SW
PN	G = BSPT			
400	1/8"-28	14	8	12
400	1/4"-19	18	12	14
400	3/8"-19	19	12	17
400	1/2"-14	27	19	22
400	3/4"-14	29	19	27
400	1"-11	29	18	36
200	1 1/4"-11	32	20	46
200	1 1/2"-11	36	22	50
100	2"-11	40	26	65

PLUG

NPT - Male



MALE PLUG NPT



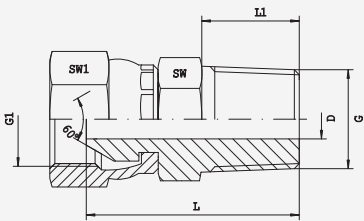
Pressure	Thread	Approx. Dimensions		
		L	L1	SW
PN	G = NPT			
630	1/8"-27	15	10,0	12
630	1/4"-18	20	15,0	14
630	3/8"-18	22	15,3	17
630	1/2"-14	27	20,0	22
630	3/4"-14	29	20,0	27
400	1"-11,5	33	25,0	36
400	1 1/4"-11,5	33	25,5	46
400	1 1/2"-11,5	41	26,0	50
315	2"-11,5	44	26,0	65

STRAIGHT ADAPTORS

BSP - Female with Swivle Nut for 60° - Connection | BSP - Taper - Male



TUERCA LOCA HEMBRA BSP X MACHO BSPT



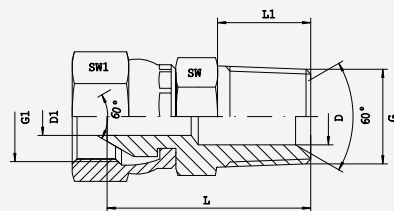
Pressure	Thread		Approx. Dimensions				
	PN	G = BSPT G1 = BSP	L	L1	D	SW	SW1
400	400	1/8"-28 1/8"-28	23,0	8	4,0	12	14
400	400	1/4"-19 1/4"-19	28,0	12	5,0	14	19
400	400	3/8"-19 3/8"-19	30,6	12	8,0	19	22
400	400	1/2"-14 1/2"-14	37,0	14	9,5	24	27
400	400	3/4"-14 3/4"-14	39,0	16	16,5	27	32
400	400	1"-11 1"-11	44,3	18	22,5	36	41
200	200	1 1/4"-11 1 1/4"-11	51,9	20	29,0	46	50
200	200	1 1/2"-11 1 1/2"-11	54,6	22	33,5	50	55
100	100	2"-11 2"-11	69,0	26	42,0	65	70

STRAIGHT ADAPTORS

BSP - Female with Swivle Nut for 60° - Connection | NPT - Male



TUERCA LOCA HEMBRA BSP X MACHO NPT



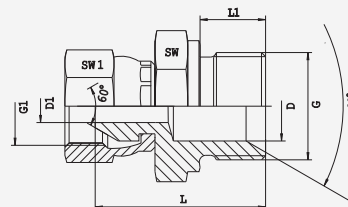
Pressure	Thread		Approx. Dimensions					
PN	G = NPT	G1 = BSP	L	L1	D	D1	SW	SW1
400	1/8"-27	1/8"-28	25,0	10,0	4,0	4,0	12	14
400	1/4"-18	1/4"-19	32,0	15,0	7,0	5,0	14	19
400	3/8"-18	1/4"-19	32,0	15,3	10,3	5,0	19	19
400	1/4"-18	3/8"-19	33,6	15,0	7,0	7,0	17	22
400	3/8"-18	3/8"-19	33,0	15,3	10,0	8,0	19	22
400	1/2"-14	3/8"-19	40,8	20,0	13,5	8,0	22	22
400	3/8"-18	1/2"-14	34,8	15,3	10,3	9,5	19	27
400	1/2"-14	1/2"-14	42,0	20,0	13,5	9,5	22	27
400	3/4"-14	1/2"-14	41,0	20,0	16,5	9,5	27	27
400	1/2"-14	3/4"-14	43,0	20,0	13,5	16,5	27	32
400	3/4"-14	3/4"-14	43,0	20,0	16,5	16,5	27	32
400	1"-11,5	3/4"-14	48,5	25,0	24,0	16,5	36	32
400	1"-11	1"-11	49,5	25,0	24,0	21,0	36	41
200	1 1/4"-11,5	1 1/4"-11	53,0	25,5	28,0	28,0	46	50
200	1 1/2"-11,5	1 1/2"-11	57,0	26,0	32,5	32,5	50	55
100	2"-11,5	2"-11	69,0	26,0	42,0	42,0	65	70

STRAIGHT ADAPTORS

BSP - Female with Swivel Nut | BSP - Male with 60° - Cone and Sealing Shoulder Form B



TUERCA LOCA HEMBRA BSP X MACHO BSP C60°



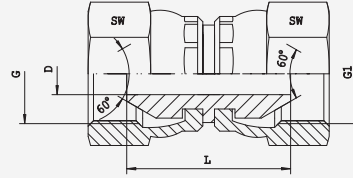
Pressure PN	Thread		Approx. Dimensions						
	G1	G	L	L1	D	D1	SW	SW1	
400	1/8"-28	1/8"-28	23,5	8	4,0	4,0	14	14	
400	1/8"-28	1/4"-19	27,5	12	4,0	4,0	19	14	
400	1/4"-19	1/8"-28	27,0	8	4,0	4,0	14	19	
400	1/4"-19	1/4"-19	30,0	12	5,0	5,0	19	19	
400	1/4"-19	3/8"-19	31,5	12	9,0	5,0	22	19	
400	1/4"-19	1/2"-14	35,5	14	11,5	5,0	27	19	
400	3/8"-19	1/8"-28	26,0	8	4,5	4,5	17	19	
400	3/8"-19	1/4"-19	31,5	12	5,0	8,0	19	22	
400	3/8"-19	3/8"-19	32,5	12	8,0	8,0	22	22	
400	3/8"-19	1/2"-14	37,0	14	11,5	8,0	27	22	
400	1/2"-14	1/4"-19	31,5	12	5,0	11,0	19	27	
400	1/2"-14	3/8"-19	32,5	12	9,0	9,0	22	27	
400	1/2"-14	1/2"-14	36,0	14	11,0	11,0	27	27	
400	1/2"-14	3/4"-14	39,5	16	11,0	11,0	32	27	
400	3/4"-14	1/2"-14	42,0	14	11,5	16,0	27	32	
400	3/4"-14	3/4"-14	41,0	16	16,5	16,5	32	32	
400	3/4"-14	1"-11	45,0	18	22,5	16,5	41	32	
400	1"-11	3/4"-14	44,0	18	17,0	22,0	32	41	
400	1"-11	1"-11	45,5	18	22,0	22,0	41	41	
200	1"-11	1 1/4"-11	49,5	20	29,0	22,5	50	41	
200	1 1/4"-11	1"-11	53,0	18	22,0	22,0	41	50	
200	1 1/4"-11	1 1/4"-11	48,5	20	28,0	28,0	50	50	
200	1 1/2"-11	1 1/2"-11	53,0	22	33,0	33,0	55	55	
100	2"-11	2"-11	72,0	23	42,0	42,0	70	70	

ADAPTORS - DKR

Female - BSP -BSP with Swivel Nut at both sides



TUERCA LOCA HEMBRA BSP X TUERCA LOCA BSP

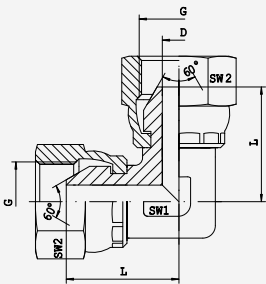


Pressure	Thread		Approx. Dimensions		
	G1	G	L	D	SW
400	1/8"-28	1/8"-28	21	4,0	14
400	1/4"-19	1/4"-19	26	5,0	19
400	3/8"-19	3/8"-19	30	8,0	22
400	1/2"-14	1/2"-14	29	11,0	27
400	3/4"-14	3/4"-14	34	16,5	32
400	1"-11	1"-11	36	22,0	41
200	1 1/4"-11	1 1/4"-11	38	28,0	50
200	1 1/2"-11	1 1/2"-11	51	34,0	55
100	2"-11	2"-11	66	42,0	70

Female - BSP -BSP with Swivel Nut at both sides



CODO HEMBRA BSP TUERCA LOCA

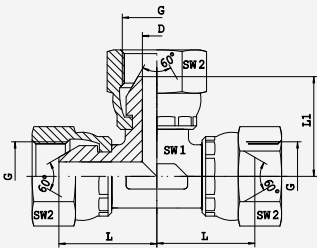


Pressure	Thread	Approx. Dimensions			
		L	D	SW1	SW2
400	1/8"-28	18,0	4,0	12	14
400	1/4"-19	23,5	6,0	14	19
400	3/8"-19	25,5	8,0	17	22
400	1/2"-14	29,5	11,0	19	27
400	3/4"-14	37,0	16,0	27	32
400	1"-11	43,0	22,0	36	41
200	1 1/4"-11	51,0	28,0	41	50
200	1 1/2"-11	50,0	33,5	50	55
100	2"-11	80,0	42,0	65	70

Female - BSP - BSP - BSP with Swivel Nut at all sides



TE HEMBRA BSP TUERCA LOCA

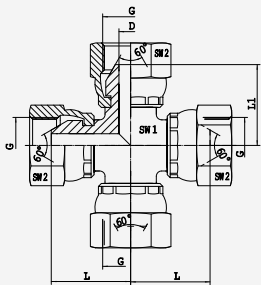


Pressure	Thread	Approx. Dimensions				
		L	L1	D	SW1	SW2
400	1/8"-28	18,0	18,0	4,0	12	14
400	1/4"-19	23,5	23,5	6,0	14	19
400	3/8"-19	25,5	25,5	8,0	17	22
400	1/2"-14	29,5	29,5	11,0	19	27
400	3/4"-14	37,0	37,0	16,0	27	32
400	1"-11	43,0	43,0	22,0	36	41
200	1 1/4"-11	51,0	51,0	28,0	41	50
200	1 1/2"-11	50,0	50,0	33,5	50	55
100	2"-11	80,0	80,0	42,0	65	70

Female - BSP all sides with Swivel Nit



CRUZ HEMBRA BSP TUERCA LOCA



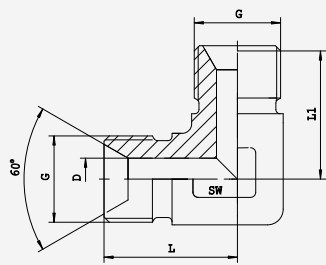
Pressure	Thread	Approx. Dimensions				
		L	L1	D	SW1	SW2
400	1/8"-28	18,0	18,0	4,0	12	
400	1/4"-19	23,5	23,5	6,0	14	19
400	3/8"-19	25,5	25,5	8,0	17	22
400	1/2"-14	29,5	29,5	11,0	19	27
400	3/4"-14	37,0	37,0	16,0	27	32
400	1"-11	43,0	43,0	22,0	36	41
200	1 1/4"-11					50
200	1 1/2"-11					55
	2"-11					70

ADAPTORS

Male - BSP - BSP with 60°-Cone



CODO MACHO BSP



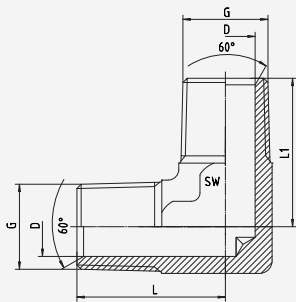
Pressure	Thread	Approx. Dimensions			
		L	L1	D	SW
400	1/8"-28	20,0	20,0	4,0	12
400	1/4"-19	24,5	24,5	6,0	14
400	3/8"-19	25,5	25,5	8,0	17
400	1/2"-14	29,5	29,5	11,0	19
400	3/4"-14	37,0	37,0	16,0	27
400	1"-11	43,0	43,0	22,0	36
200	1 1/4"-11	51,0	51,0	28,5	41
200	1 1/2"-11	59,0	59,0	33,5	50
100	2"-11	77,5	77,5	45,0	65

ADAPTORS

Male - NPT - NPT with 60°-Cone



CODO MACHO NPT



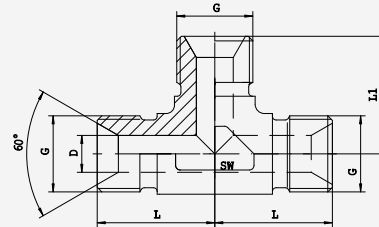
Pressure	Thread	Approx. Dimensions			
		L	L1	D	SW
420	1/8"-27	20,0	20,0	5,0	12
420	1/4"-18	28,0	28,0	7,0	14
420	3/8"-18	31,0	31,0	10,0	19
420	1/2"-14	35,0	35,0	14,0	24
420	3/4"-14	40,0	40,0	18,0	36
420	1"-11,5	50,0	50,0	24,0	41
315	1 1/4"-11,5	56,0	56,0	30,0	50
315	1 1/2"-11,5	59,0	59,0	37,0	50
315	2"-11,5	76,0	76,0	45,0	65

ADAPTORS

Male - BSP - BSP - BSP with 60°-Cone



TEE MACHO BSP



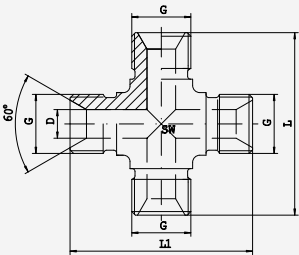
Pressure	Thread	Approx. Dimensions			
		L	L1	D	SW
400	1/8"-28	20,0	20,0	4,0	12
400	1/4"-19	24,5	24,5	6,0	14
400	3/8"-19	25,5	25,5	8,0	17
400	1/2"-14	29,5	29,5	11,0	19
400	3/4"-14	37,0	37,0	16,0	27
400	1"-11	43,0	43,0	22,0	36
200	1 1/4"-11	51,0	51,0	28,5	41
200	1 1/2"-11	59,0	59,0	33,5	50
100	2"-11	77,5	77,5	45,0	65

ADAPTORS

Male - BSP all sides with 60° - Cone



CRUZ MACHO BSP



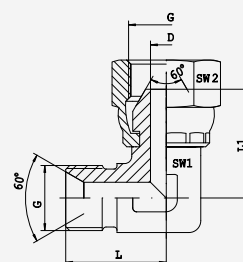
Pressure	Thread
PN	G
400	1/8"-28
400	1/4"-19
400	3/8"-19
400	1/2"-14
400	3/4"-14
400	1"-11
200	1 1/4"-11
200	1 1/2"-11
	2"-11

WE-BLOCK-ELBOW-ADAPTORS

Male - BSP - Fixed with 60°-Cone | Female - With Swivel Nut



CODO MACHO BSP X TUERCA LOCA H BSP



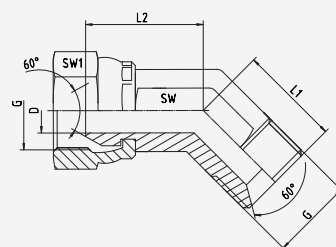
Pressure	Thread	Approx. Dimensions				
		L	L1	D	SW1	SW2
400	1/8"-28	20,0	18,0	4,0	12	14
400	1/4"-19	24,5	23,5	6,0	14	19
400	3/8"-19	25,5	25,5	8,0	17	22
400	1/2"-14	29,5	29,5	11,0	19	27
400	3/4"-14	37,0	37,0	16,0	27	32
400	1"-11	43,0	43,0	22,0	36	41
200	1 1/4"-11	51,0	51,0	28,0	41	50
200	1 1/2"-11	59,0	50,0	33,5	50	55
100	2"-11	77,5	80,0	42,0	65	70

WE-BLOCK-ELBOW-ADAPTORS

Male - BSP - Fixed with 60°-Cone | Female - With Swivel Nut



CODO 45° MACHO BSP X TUERCA LOCA H BSP



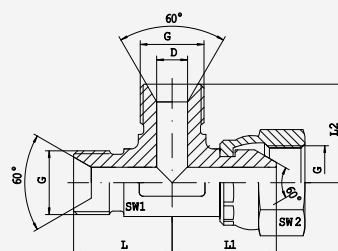
Pressure	Thread	Approx. Dimensions				
		L1	L2	D	SW	SW1
400	1/8"-28	14,0	15,0	3,5	12	14
400	1/4"-19	21,0	19,0	5,0	14	19
400	3/8"-19	21,5	20,5	8,0	16	22
400	1/2"-14	23,5	22,5	11,0	22	27
400	3/4"-14	31,0	25,0	17,0	27	32
400	1"-11	36,5	27,0	22,0	33	41
200	1 1/4"-11					
200	1 1/2"-11					
100	2"-11	56,4	59,0	42,0	65	70

ADAPTORS

Male - Fixed - BSP with 60°-Cone | Female - Swivel - BSP



TE LATERAL TUERCA LOCA H BSP X MACHO BSP



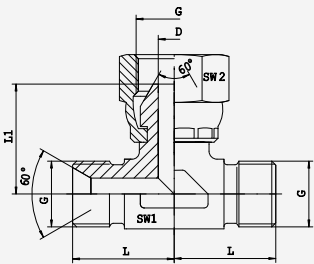
Pressure PN	Thread G	Approx. Dimensions					
		L	L1	L2	D	SW1	SW2
400	1/8"-28	20,0	18,0	20,0	14,0	12	14
400	1/4"-19	24,5	24,5	24,5	6,0	14	19
400	3/8"-19	25,5	25,5	25,5	8,0	17	22
400	1/2"-14	29,5	29,5	29,5	11,0	19	27
400	3/4"-14	37,0	37,0	37,0	16,0	27	32
400	1"-11	43,0	43,0	43,0	22,0	36	41
200	1 1/4"-11	51,0	51,0	51,0	28,0	41	50
200	1 1/2"-11	59,0	50,0	59,0	33,5	50	55
100	2"-11	77,5	80,0	77,5	42,0	65	70

ADAPTORS

Male - Fixed - BSP with 60°-Cone | Female - Swivel - BSP



TE LATERAL TUERCA LOCA H BSP X MACHO BSP



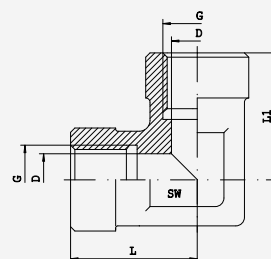
Pressure	Thread	Approx. Dimensions				
		L	L1	D	SW1	SW2
400	1/8"-28	20,0	18,0	4,0	12	14
400	1/4"-19	24,5	23,5	6,0	14	19
400	3/8"-19	25,5	25,5	8,0	17	22
400	1/2"-14	29,5	29,5	11,0	19	27
400	3/4"-14	37,0	37,0	16,0	27	32
400	1"-11	43,0	43,0	22,0	36	41
200	1 1/4"-11	51,0	51,0	28,0	41	50
200	1 1/2"-11	59,0	50,0	33,5	50	55
100	2"-11	77,5	80,0	42,0	65	70

ADAPTORS

Female - BSP Parallel - BSP Parallel



CODO H BSP



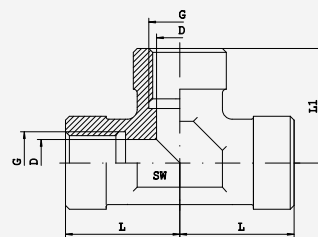
Pressure	Thread	Approx. Dimensions			
		L	L1	D	SW
400	1/8"-28	20,0	20,0	8,6	17
400	1/4"-19	22,5	22,5	11,8	19
400	3/8"-19	26,2	26,2	15,2	24
400	1/2"-14	31,5	31,5	19,0	27
400	3/4"-14	33,5	33,5	24,6	36
400	1"-11	43,0	43,0	30,7	41
200	1 1/4"-11	51,0	51,0	39,3	50
200	1 1/2"-11	53,0	53,0	45,2	65
	2"-11				

ADAPTORS

Female - BSP Parallel - BSP Parallel - BSP Parallel - Fixed



TE H BSP



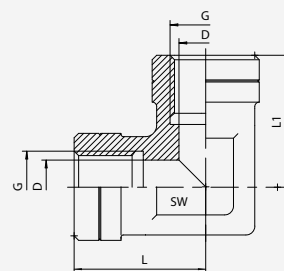
Pressure	Thread	Approx. Dimensions			
		L	L1	D	SW
400	1/8"-28	20,0	20,0	8,6	17
400	1/4"-19	22,5	22,5	11,8	19
400	3/8"-19	26,2	26,2	15,2	24
400	1/2"-14	31,5	31,5	19,0	27
400	3/4"-14	33,5	33,5	24,6	36
400	1"-11	43,0	43,0	30,7	41
200	1 1/4"-11	51,0	51,0	39,3	50
200	1 1/2"-11	53,0	53,0	45,2	65
	2"-11				

ADAPTORS

Female - NPT - NPT



CODO H NPT



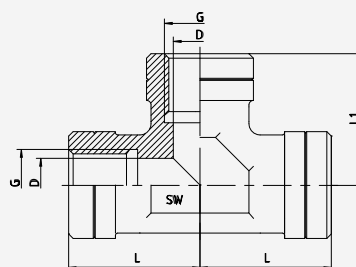
Pressure	Thread	Approx. Dimensions			
		L	L1	D	SW
420	1/8"-27	20,0	20,0	8,6	17
420	1/4"-18	22,5	22,5	11,8	19
420	3/8"-18	26,2	26,2	15,2	24
420	1/2"-14	31,5	31,5	19,0	27
420	3/4"-14	33,5	33,5	24,6	36
420	1"-11,5	43,0	43,0	30,7	41
315	1 1/4"-11,5	51,0	51,0	39,3	50
315	1 1/2"-11,5	53,0	53,0	45,2	65

ADAPTORS

Female - NPT - NPT - NPT



TE H NPT



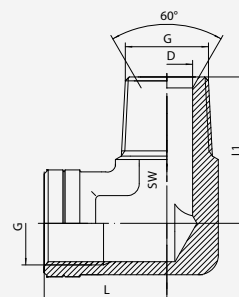
Pressure	Thread	Approx. Dimensions			
		L	L1	D	SW
420	1/8"-27	20,0	20,0	8,6	17
420	1/4"-18	22,5	22,5	11,8	19
420	3/8"-18	26,2	26,2	15,2	24
420	1/2"-14	31,5	31,5	19,0	27
420	3/4"-14	33,5	33,5	24,6	36
420	1"-11,5	43,0	43,0	30,7	41
315	1 1/4"-11,5	51,0	51,0	39,3	50
315	1 1/2"-11,5	53,0	53,0	45,2	65

ELBOW-ADAPTORS - 90°

Male - NPT with 60°-Cone - Female - NPT



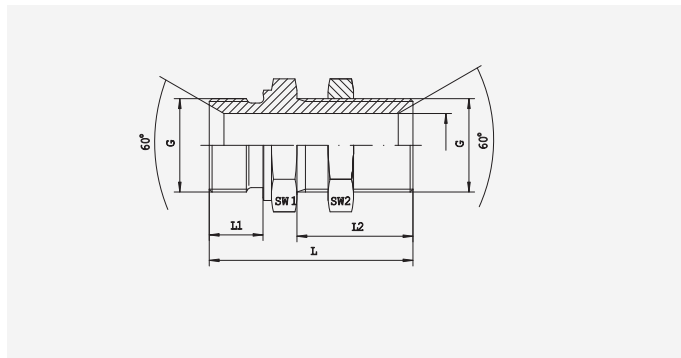
CODO MH NPT



Pressure PN	Thread G = NPT	Approx. Dimensions			
		L	L1	D	SW
420	1/8"-27	20,0	22,0	5,0	17
420	1/4"-18	22,5	30,0	7,0	19
420	3/8"-18	26,3	32,0	10,0	24
420	1/2"-14	31,0	37,0	14,0	27
420	3/4"-14	33,5	43,0	18,0	36
420	1"-11,5	43,0	50,0	24,0	41
315	1 1/4"-11,5	51,0	56,0	30,0	50
315	1 1/2"-11,5	53,0	67,0	36,0	65

STRAIGHT BULKHEAD ADAPTORS

BSP Male - BSP Male Both sides with 60°- Cone and Back Nut



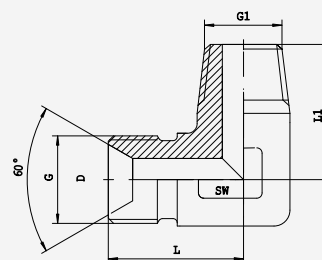
Pressure PN	Thread G	Approx. Dimensions					
		L	L1	L2	D	SW1	SW2
400	1/8"-28	42,5	8	28	4,5	14	14
400	1/4"-19	46,0	11	28	6,0	19	19
400	3/8"-19	52,0	12	32	8,0	22	22
400	1/2"-14	59,0	14	35	11,0	27	27
400	5/8"-14	63,0	16	35	14,5	30	30
400	3/4"-14	66,0	16	38	16,5	32	32
400	1"-11	72,0	19	41	22,5	41	41
200	1 1/4"-11	78,0	20	44	30,5	50	50
200	1 1/2"-11	84,0	22	48	37,0	55	55
100	2"-11	91,0	23	48	46,0	70	70

ELBOW-ADAPTORS

BSP - Male with 60°- Cone BSP - Taper - Male



CODO MH BSPT



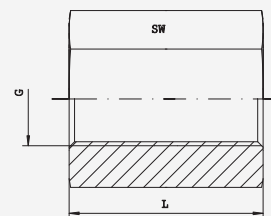
Pressure	Thread	Approx. Dimensions				
	G = BSP zyl.	G1 = keg.	L	L1	D	SW1
400	1/8"-28	1/8"-28	20,0	20,0	4,0	12
400	1/4"-19	1/4"-19	24,5	26,0	6,0	14
400	3/8"-19	3/8"-19	25,5	25,5	8,0	17
400	1/2"-14	1/2"-14	29,5	35,0	11,0	19
400	3/4"-14	3/4"-14	37,0	37,0	16,0	27
400	1"-11	1"-11	43,0	43,0	22,0	36
200	1 1/4"-11	1 1/4"-11	51,0	51,0	28,5	41
200	1 1/2"-11	1 1/2"-11	59,0	63,0	33,5	50
100	2"-11	2"-11	77,5	77,5	45,0	65

HEXAGON SOCKETS

For High Pressure Thread: BSP - Parallel



MANGUITO HH BSP



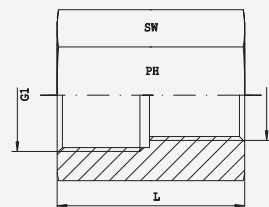
Pressure	Thread	Approx. Dimensions	
PN	G	L	SW
630	1/8"-28	18	14
630	1/4"-19	25	17
630	3/8"-19	26	22
400	1/2"-14	34	27
400	3/4"-14	36	32
400	1"-11	43	41
315	1 1/4"-11	48	50
315	1 1/2"-11	48	55
250	2"-11	56	70

HEXAGON SOCKETS

For High Pressure Thread: BSP - Parallel - Reduced



MANGUITO HH BSP



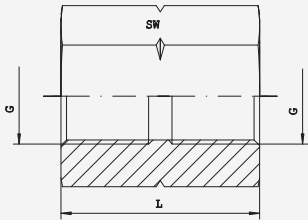
Pressure	Thread	Approx. Dimensions	
		L	SW
PN	G1 x G		
630	1/4" x 1/8"	25	17
630	3/8" x 1/4"	32	22
400	1/2" x 3/8"	35	27
400	1/2" x 1/4"	35	27
400	3/4" x 1/2"	38	32
400	3/4" x 3/8"	38	32
400	1" x 3/4"	42	41
400	1" x 1/2"	42	41
315	1 1/4" x 1"	48	50
315	1 1/2" x 1 1/4"	48	55
250	2" x 1 1/2"	56	70

HEXAGON SOCKETS

For High Pressure | NPT-Internal Thread



MANGUITO HH NPT



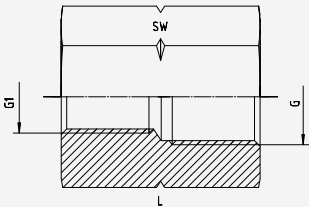
Pressure	Thread	Approx. Dimensions	
		L	SW
630	1/8"-27	18	14
630	1/4"-18	25	17
630	3/8"-18	26	22
630	1/2"-14	34	27
400	3/4"-14	36	32
400	1"-11,5	43	41
400	1 1/4"-11,5	59	50
400	1 1/2"-11,5	59	55
315	2"-11,5	59	70

HEXAGON SOCKETS

For High Pressure | NPT-Innengewinde - Reduced



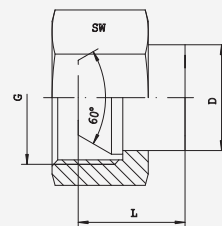
MANGUITO HH NPT



Pressure	Thread		Approx. Dimensions	
	G = NPT	G1 = NPT	L	SW
400	3/4"-14	1/2"-14	36,0	32

BSP-FEMALE-SWIVEL CAPS

For BSP-Thread with 60°-Cone



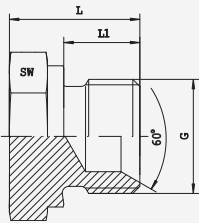
Pressure	Thread	Approx. Dimensions		
		L	D	SW
400	1/8"-28	11	12,0	14
400	1/4"-19	15	9,0	17
400	3/8"-19	15	12,4	19
400	1/2"-14	17	16,4	27
400	5/8"-14	16	22,0	27
400	3/4"-14	19	21,3	32
400	1"-11	20	27,8	41
200	1 1/4"-11	22	36,0	50
200	1 1/2"-11	25	45,0	55
100	2"-11	31	54,5	70

BSP-60°-CONED PLUG

With Hexagon | 60°-Cone and Sealing Shoulder Form B



TAPON MACHO BSP FORMA B



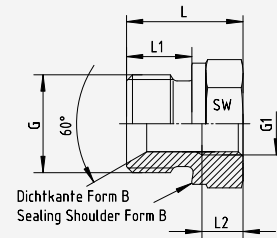
Pressure	Thread	Approx. Dimensions		
		L	L1	SW
400	1/8"-28	14,0	8	14
400	1/4"-19	17,0	10	19
400	3/8"-19	20,5	12	22
400	1/2"-14	24,0	14	27
400	5/8"-14	24,0	14	30
400	3/4"-14	27,0	16	32
400	1"-11	31,0	18	41
200	1 1/4"-11	33,0	20	50
200	1 1/2"-11	36,0	22	55
100	2"-11	36,0	22	70

HEXAGON ADAPTORS WITH 60°-CONE

Form A | With 60°-Cone at Male Thread | Both Threads BSP - Parallel - DIN / ISO 228 | Sealing by Sealing Shoulder Form B



TAPON MACHO BSP FORM A



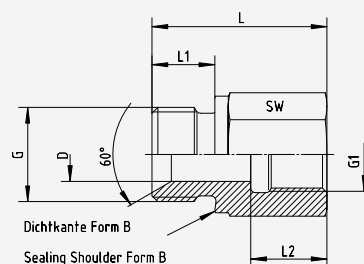
Pressure PN	Thread		Approx. Dimensions			
	G = BSP	G1 = BSP	L	L1	L2	SW
400	3/8"-19	1/8"-28	22,5	12,0	8,0	22
400	1/2"-14	1/8"-28	24,0	14,0	8,0	27
400	1/2"-14	1/4"-19	24,0	14,0	12,0	27
400	3/4"-14	1/8"-28	26,0	16,0	8,0	32
400	3/4"-14	1/4"-19	26,0	16,0	12,0	32
400	3/4"-14	3/8"-19	26,0	16,0	13,0	32
400	1"-11	1/4"-19	29,0	18,0	12,0	41
400	1"-11	3/8"-19	29,0	18,0	12,0	41
400	1"-11	1/2"-14	29,0	18,0	14,0	41
250	1 1/4"-11	3/8"-19	32,0	20,0	17,0	50
250	1 1/4"-11	1/2"-14	32,0	20,0	14,0	50
250	1 1/4"-11	3/4"-14	32,0	20,0	16,0	50
250	1 1/2"-11	1/2"-14	36,0	22,0	14,0	55
250	1 1/2"-11	3/4"-14	36,0	22,0	16,0	55
250	1 1/2"-11	1"-11	36,0	22,0	18,0	55
250	2"-11	1/2"-14	41,5	22,5	16,0	70
250	2"-11	3/4"-14	42,0	22,5	16,0	70
250	2"-11	1"-11	42,0	22,5	18,5	70
250	2"-11	1 1/4"-11	42,0	22,5	18,5	70
250	2"-11	1 1/2"-11	42,0	22,5	18,5	70

HEXAGON ADAPTORS WITH 60°-CONE

Form B | With 60°-Cone at Male Thread | Both Threads BSP - Parallel - DIN / ISO 228 | Sealing by Sealing Shoulder Form B



ADAPTADOR MACHO BSP X HEMBRA BSP



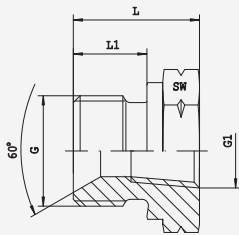
Pressure	Thread		Approx. Dimensions				
	G = BSP	G1 = BSP	L	L1	L2	D	SW
630	1/8"-28	1/8"-28	23,5	8,0	11,0	4,5	17
630	1/8"-28	1/4"-19	31,0	8,0	17,0	4,0	19
630	1/8"-28	3/8"-19	32,0	8,0	17,0	4,0	24
630	1/8"-28	1/2"-14	37,0	8,0	20,0	4,0	27
630	1/4"-19	1/8"-28	28,0	12,0	12,0	7,0	19
630	1/4"-19	1/4"-19	32,0	10,0	17,0	6,0	19
630	1/4"-19	3/8"-19	36,0	12,0	17,0	7,0	24
630	1/4"-19	1/2"-14	40,0	12,0	20,0	5,0	27
630	1/4"-19	3/4"-14	43,0	12,0	22,0	6,0	36
400	3/8"-19	1/4"-19	36,0	12,0	17,0	8,0	22
400	3/8"-19	3/8"-19	36,0	12,0	17,0	9,0	24
400	3/8"-19	1/2"-14	41,0	12,0	20,0	8,0	27
400	3/8"-19	3/4"-14	44,0	12,0	22,0	8,0	36
400	3/8"-19	1"-11	46,5	12,0	24,5	8,0	41
400	1/2"-14	3/8"-19	36,0	14,0	17,0	12,0	27
400	1/2"-14	1/2"-14	39,0	14,0	20,0	12,0	27
400	1/2"-14	3/4"-14	46,0	14,0	22,0	12,0	36
400	1/2"-14	1"-11	49,0	14,0	24,5	12,0	41
250	1/2"-14	1 1/4"-11	53,0	14,0	26,5	12,0	55
400	3/4"-14	1/2"-14	41,0	16,0	20,0	16,0	32
400	3/4"-14	3/4"-14	45,0	16,0	22,5	18,0	32
400	3/4"-14	1"-11	51,0	16,0	24,5	16,0	41
250	3/4"-14	1 1/4"-11	55,0	16,0	26,5	16,0	55
250	3/4"-14	1 1/2"-11	57,0	16,0	28,5	16,0	60
400	1"-11	3/4"-14	47,0	18,0	22,0	20,0	41
400	1"-11	1"-11	49,5	18,0	24,5	22,0	41
250	1"-11	1 1/4"-11	57,0	18,0	26,5	20,0	55
250	1"-11	1 1/2"-11	59,0	18,0	28,5	20,0	60
250	1 1/4"-11	1"-11	52,0	20,0	24,5	25,0	50
250	1 1/4"-11	1 1/4"-11	58,0	20,0	27,0	25,0	50
250	1 1/4"-11	1 1/2"-11	60,0	20,0	28,5	25,0	60
250	1 1/2"-11	1 1/4"-11	58,0	22,0	26,5	32,0	55
250	1 1/2"-11	1 1/2"-11	58,0	22,0	27,5	37,0	55
100	2"-11	2"-11	64,5	23,0	30,5	43,0	70

MALE/FEMALE STUD ADAPTORS

Form A | BSP - Male with 60°-Cone | NPT - Female



BUSHING GAS MACHO X NPT HEMBRA



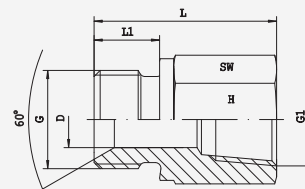
Pressure	Thread		Approx. Dimensions			
	G = BSP	G1 = NPT	L	L1	D	SW
400	1/2"-14	1/4"-18	24,0	14	11,5	27
400	1/2"-14	3/8"-18	32,5	14	12,0	27
400	3/4"-14	3/8"-18	30,0	16	14,5	32
400	1"-11	1/2"-14	31,0	18	18,0	41
400	1"-11	3/4"-14	32,0	18	23,0	41
200	1 1/4"-11	3/4"-14	37,0	20	22,5	50
200	1 1/4"-11	1"-11,5	37,0	20	33,0	50
200	1 1/2"-11	1"-11,5	39,0	22	28,5	55
200	1 1/2"-11	1 1/4"-11,5	39,0	22	37,0	55

MALE/FEMALE STUD ADAPTORS

Form B | BSP - Male with 60°-Cone | NPT - Female



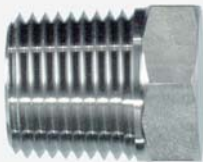
ADAPTADOR MACHO BSP X HEMBRA NPT



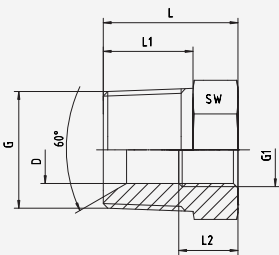
Pressure	Thread		Approx. Dimensions			
	G = BSP	G1 = NPT	L	L1	D	SW
400	1/8"-28	1/8"-27	25,0	8	4	14
400	1/8"-28	1/4"-18	31,0	8	4	19
400	1/4"-19	1/8"-27	32,0	12	6	19
400	1/4"-19	1/4"-18	32,0	12	6	19
400	1/4"-19	3/8"-18	31,0	10	7	24
400	1/4"-19	1/2"-14	38,0	10	7	27
400	3/8"-19	1/4"-18	36,0	12	9	22
400	3/8"-19	3/8"-18	36,0	12	9	24
400	3/8"-19	1/2"-14	37,0	12	9	27
400	1/2"-14	1/2"-14	39,0	14	12	27
400	1/2"-14	3/4"-14	46,0	14	13	36
400	3/4"-14	1/2"-14	44,0	16	18	32
400	3/4"-14	3/4"-14	48,0	16	18	36
400	3/4"-14	1"-11,5	51,0	16	18	41
400	1"-11	1"-11,5	49,5	18	22	41
400	1"-11	1 1/4"-11,5	50,5	18	22	50
200	1 1/4"-11	1 1/4"-11,5	58,0	20	25	50
200	1 1/2"-11	1 1/2"-11,5	62,0	22	37	55
100	2"-11	2"-11,5	64,0	23	43	70

MALE/FEMALE STUD ADAPTORS

Form A | NPT - Male with 60°-Cone | BSP - Female



BUSHING MALE BSP X BSP FEMALE



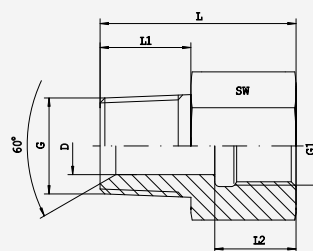
Pressure	Thread		Approx. Dimensions				
PN	G = BSP	G1 = BSP	L	L1	L2	D	SW
400	1/2"-14	1/8"-28	26,0	20,0	11,0	8,5	22
400	1/2"-14	1/4"-19	27,0	20,0	17,0	13,0	24
400	3/4"-14	3/8"-19	28,0	20,0	17,0	15,0	27
400	1"-11,5	1/2"-14	34,0	25,0	20,0	19,0	36
200	1 1/4"-11,5	3/4"-14	40,0	25,5	22,5	24,2	46
200	1 1/4"-11,5	1"-11	40,0	25,5	25,0	30,6	46
200	1 1/2"-11,5	1"-11	40,0	26,0	25,0	30,6	55

MALE/FEMALE STUD ADAPTORS

Form B | NPT - Male with 60°-Cone | BSP - Female



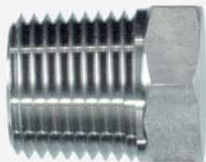
ADAPTADOR MALE NPT X BSP FEMALE



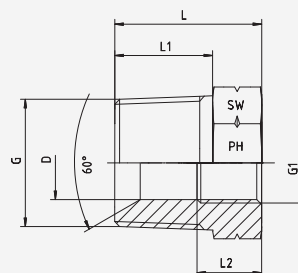
Pressure	Thread		Approx. Dimensions				
	PN	G = NPT G1 = BSP	L	L1	L2	D	SW
400		1/8"-27 1/8"-28	25,0	10,0	12,0	4,0	14
400		1/8"-27 1/4"-19	30,0	10,0	17,0	4,0	19
400		1/4"-18 1/8"-28	30,0	15,0	12,0	6,0	14
400		1/4"-18 1/4"-19	34,0	15,0	17,0	6,0	19
400		1/4"-18 3/8"-19	35,0	15,0	17,0	6,0	24
400		1/4"-18 1/2"-14	36,5	15,0	20,0	5,0	27
400		3/8"-18 1/4"-19	35,0	15,0	17,0	9,0	19
400		3/8"-18 3/8"-19	35,0	15,0	17,0	9,0	24
400		3/8"-18 1/2"-14	37,0	15,0	20,0	9,0	27
400		1/2"-14 3/8"-19	38,0	20,0	17,0	12,0	24
400		1/2"-14 1/2"-14	41,0	20,0	20,0	12,0	27
400		1/2"-14 3/4"-14	48,0	20,0	22,5	12,0	32
400		3/4"-14 1/2"-14	42,0	20,0	20,0	15,0	27
400		3/4"-14 3/4"-14	48,0	20,0	22,5	18,0	32
400		3/4"-14 1"-11	50,0	20,0	25,0	18,0	41
400		1"-11,5 3/4"-14	54,0	25,0	22,5	21,0	36
400		1"-11,5 1"-11	57,0	25,0	25,0	21,0	41
200		1"-11,5 1 1/4"-11	57,0	25,0	27,0	21,0	55
200		1 1/4"-11,5 1 1/4"-11	57,5	25,5	27,0	30,0	55
200		1 1/4"-11,5 1 1/2"-11	62,5	25,5	27,5	30,0	55
200		1 1/2"-11,5 1 1/4"-11	56,0	26,0	27,0	36,0	55
200		1 1/2"-11,5 1 1/2"-11	63,0	26,0	27,5	36,0	55
100		1 1/2"-11,5 2"-11	64,0	26,0	30,5	36,0	70
100		2"-11,5 2"-11	64,0	26,0	30,5	46,0	70

MALE/FEMALE STUD ADAPTORS

Form A | NPT - Male with 60°-Cone | NPT - Female



BUSHING MALE NPT X NPT FEMALE



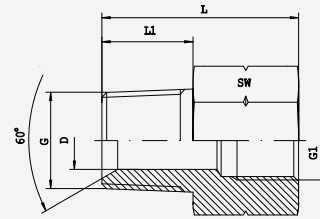
Pressure	Thread		Approx. Dimensions			
	PN	G = BSP G1 = BSP	L	L1	D	SW
630		3/8"-18 1/8"-27	23,0	15,3	8,5	19
630		1/2"-14 1/8"-27	27,0	20,0	8,5	24
630		1/2"-14 1/4"-18	27,0	20,0	11,0	24
630		3/4"-14 1/4"-18	28,0	20,0	11,0	27
630		3/4"-14 3/8"-18	28,0	20,0	14,0	27
400		1"-11,5 3/8"-18	34,0	25,0	14,0	36
400		1"-11,5 1/2"-14	34,0	25,0	17,7	36
400		1 1/4"-11,5 3/4"-14	39,5	25,5	23,0	46
400		1 1/2"-11,5 3/4"-14	40,0	26,0	22,5	50
400		1 1/2"-11,5 1"-11,5	40,0	26,0	28,5	50
315		2"-11,5 1"-11,5	40,0	26,0	28,5	65
315		2"-11,5 1 1/2"-11,5	40,0	26,0	43,2	65

MALE/FEMALE STUD ADAPTORS

Form B | NPT - Male with 60°-Cone | NPT - Female



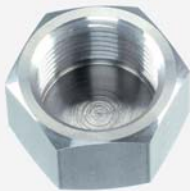
ADAPTADOR MALE NPT X NPT FEMALE



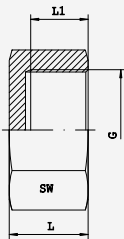
Pressure	Thread		Approx. Dimensions			
	G = BSP	G1 = BSP	L	L1	D	SW
630	1/8"-27	1/8"-27	25,0	10,0	4,0	14
630	1/8"-27	1/4"-18	31,0	10,0	4,0	19
630	1/4"-18	1/8"-27	30,0	15,0	6,0	14
630	1/4"-18	1/4"-18	36,0	15,0	6,0	19
630	1/4"-18	3/8"-18	37,0	15,0	6,0	24
630	1/4"-18	1/2"-14	42,0	15,0	6,0	27
630	3/8"-18	1/4"-18	36,0	15,0	9,0	19
630	3/8"-18	3/8"-18	37,0	15,0	9,0	24
630	3/8"-18	1/2"-14	41,0	15,0	9,0	27
630	1/2"-14	3/8"-18	39,5	20,0	12,0	24
630	1/2"-14	1/2"-14	46,0	20,0	12,0	27
630	1/2"-14	3/4"-14	48,0	20,0	12,0	36
630	3/4"-14	1/2"-14	42,0	20,0	15,0	27
630	3/4"-14	3/4"-14	48,0	20,0	18,0	36
400	3/4"-14	1"-11,5	50,0	20,0	18,0	36
400	1"-11,5	3/4"-14	34,0	25,0	22,6	36
400	1"-11,5	1"-11,5	57,0	25,0	21,0	41
400	1"-11,5	1 1/4"-11,5	57,0	25,0	21,0	50
400	1 1/4"-11,5	1"-11,5	54,0	25,5	28,5	46
400	1 1/4"-11,5	1 1/4"-11,5	55,0	25,5	30,0	50
400	1 1/4"-11,5	1 1/2"-11,5	62,5	25,5	30,0	55
400	1 1/2"-11,5	1 1/4"-11,5	55,0	26,0	36,0	50
400	1 1/2"-11,5	1 1/2"-11,5	63,0	26,0	36,0	55
315	1 1/2"-11,5	2"-11,5	64,0	26,0	36,0	70

HEXAGON CAPS

With BSP-Thread Female



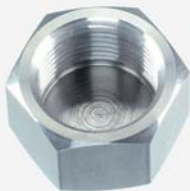
HEX FEMALE CAP BSP



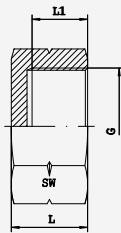
Pressure	Thread	Approx. Dimensions		
		L	L1	SW
400	1/8"-28	15,0	10,0	14
400	1/4"-19	18,0	12,5	17
400	3/8"-19	19,0	13,0	22
400	1/2"-14	21,0	14,5	27
400	5/8"-14	21,0	17,5	30
400	3/4"-14	24,5	18,5	32
400	1"-11	25,0	19,0	41
200	1 1/4"-11	29,0	22,0	50
200	1 1/2"-11	31,0	23,5	55
100	2"-11	32,0	24,5	70

HEXAGON CAPS

With NPT-Thread Female



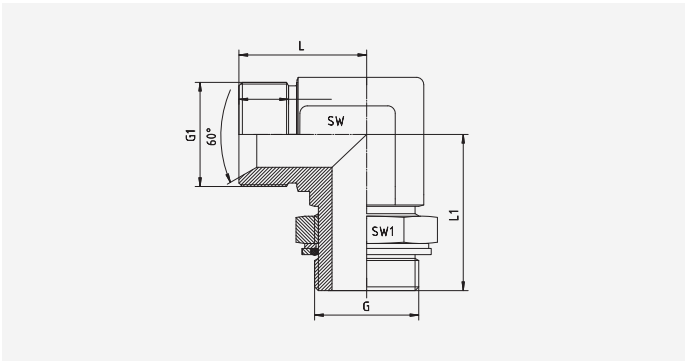
HEX FEMALE CAP NPT



Pressure	Thread	Approx. Dimensions		
		L	L1	SW
PN	G = BSP			
630	1/8"-27	15,5	10,0	14
630	1/4"-18	21,5	17,5	17
630	3/8"-18	22,0	17,5	22
630	1/2"-14	27,0	23,0	27
630	3/4"-14	27,0	23,0	32
400	1"-11,5	32,0	28,0	41
400	1 1/4"-11,5	36,0	29,0	50
400	1 1/2"-11,5	36,0	29,0	55
315	2"-11,5	36,0	29,0	70

MALE STUD ELBOWS

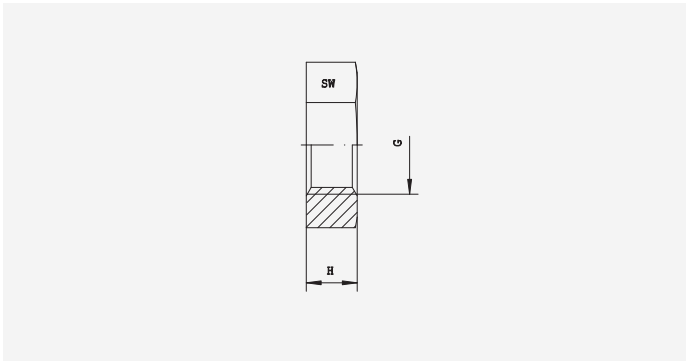
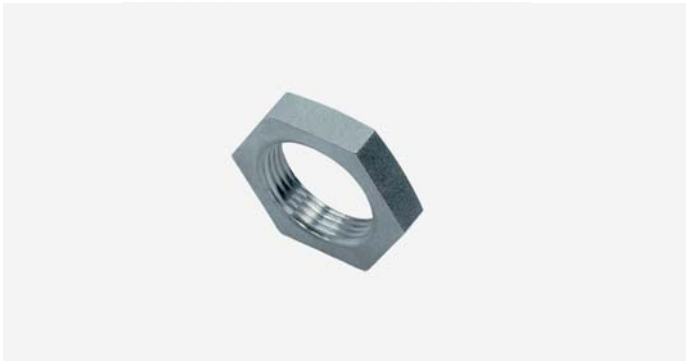
Adjustable Stud Elbows - 90° | BSP - Male with 60°-Cone | Thread: BSP - Parallel | Sealing by Captive O-ring - Viton and Washer



Pressure	Thread	Approx. Dimensions			
		L	L1	SW	SW1
400	1/4"-19	27	31,5	14	19
400	3/8"-19	29	37,0	19	22
400	1/2"-14	32	43,0	22	27
400	3/8"-19	34	40,0	22	22
400	1/2"-14	34	43,0	22	27
400	3/4"-14	41	50,0	27	36
400	1"-11	46	53,0	33	41

LOCKNUTS

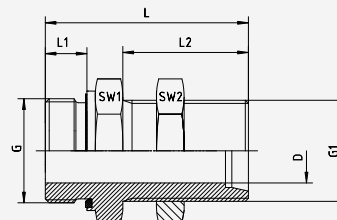
For Bulkhead Couplings | Female Thread: BSP - Parallel



Thread	Approx.. Dimensions	
	H	SW
G = BSP		
1/8"-28	6	14
1/4"-19	6	19
3/8"-19	6	22
1/2"-14	6	27
5/8"-14	7	30
3/4"-14	7	32
1"-11	11	41
1 1/4"-11	11	50
1 1/2"-11	9	55
2"-11	9	70

STRAIGHT BULKHEAD ADAPTORS

BSP - Metric | Straight Bulkhead connection for Compression Couplings DIN 2353 / DIN EN ISO 8434-1 with 24°-Cone and backnut
Male-Stud Thread: BSP - Parallel | Sealing by an Elastomer Profiled Ring - Viton



Pressure PN	Tube O.D.	Thread		Approx. Dimensions					
		G = BSP	G1 = Metric	L	L1	L2	D	SW	SW1
500	6	1/4"-19	M 12 x 1,5	53,0	12	34	4	19	17
500	8	1/4"-19	M 14 x 1,5	53,0	12	34	6	19	19
500	10	1/4"-19	M 16 x 1,5	57,0	12	35	7	19	22
500	8	3/8"-19	M 14 x 1,5	56,0	12	34	6	22	19
500	10	3/8"-19	M 16 x 1,5	55,5	12	35	8	22	22
400	12	3/8"-19	M 18 x 1,5	56,5	12	36	10	24	24
630	12	3/8"-19	M 20 x 1,5	62,0	12	38	8	27	27
400	15	3/8"-19	M 22 x 1,5	58,0	12	38	10	27	30
500	10	1/2"-14	M 16 x 1,5	58,0	14	35	8	27	22
400	12	1/2"-14	M 18 x 1,5	60,0	14	36	10	27	24
630	12	1/2"-14	M 20 x 1,5	63,0	14	38	8	27	27
400	15	1/2"-14	M 22 x 1,5	62,0	14	38	12	27	30
630	16	1/2"-14	M 24 x 1,5	64,0	14	39	12	27	32
400	18	1/2"-14	M 26 x 1,5	63,0	14	40	15	32	36
400	15	3/4"-14	M 22 x 1,5	64,0	16	38	12	32	30
630	16	3/4"-14	M 24 x 1,5	69,0	16	40	12	32	32
400	18	3/4"-14	M 26 x 1,5	66,0	16	40	15	32	36
250	22	3/4"-14	M 30 x 2	68,0	16	42	18	36	41
400	18	1"-11	M 26 x 1,5	69,0	18	40	15	41	36
420	20	1"-11	M 30 x 2	73,0	18	44	16	41	41
250	22	1"-11	M 30 x 2	73,0	18	42	19	41	41
420	25	1"-11	M 36 x 2	81,5	18	47	19	46	46
250	28	1"-11	M 36 x 2	72,0	18	43	24	41	46
420	30	1 1/4"-11	M 42 x 2	88,0	20	51	25	50	50
250	42	1 1/2"-11	M 52 x 2	86,0	22	47	36	60	65



Pol. Ind. "Els Bellots"
C/ del Foc, 5, nave 5 - 08227 Terrassa - Barcelona
Tel (+34) 93 785 75 66 | Fax (+34) 93 785 31 97
Mail info@redfluid.es
www.redfluid.es