



"SAFE PASSAGE FOR HYDRAULIC HOSES"

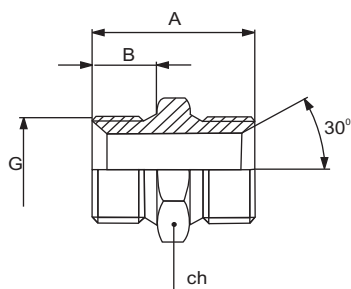
HYDRAULICS PVT. LTD.



HOUSE OF HYDRAULICS

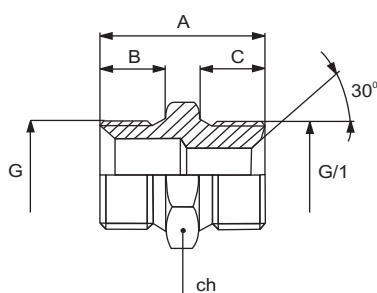
Dimension in mm

BSP male / male adaptor (equal)



G/thread	G/1thread	A	B	C	ch
1/8" -28 TPI	-	30	10	-	14
1/4" -19 TPI	-	36	12	-	19
3/8" -19 TPI	-	37	12.5	-	22
1/2" -14 TPI	-	43	14.5	-	27
5/8" -14 TPI	-	48	16.0	-	30
3/4" -14 TPI	-	49	16.5	-	32
1" -11 TPI	-	56	19	-	41
1" 1/4 -11 TPI	-	60	20	-	50
1" 1/2 -11 TPI	-	64	22	-	55
2" -11 TPI	-	73	25	-	70

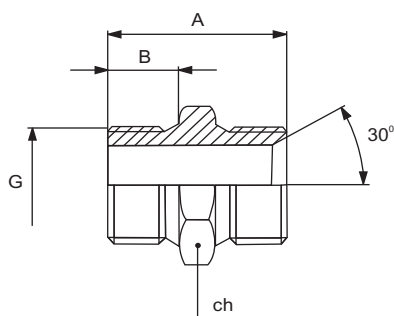
BSP male / male adaptor (reducing)



G/thread	G/1thread	A	B	C	ch
1/4" -19 TPI	1/8" -28 TPI	34	12	10	19
3/8" -19 TPI	1/8" -28 TPI	34.5	12.5	10	22
3/8" -19 TPI	1/4" -19 TPI	36.5	12.5	12	22
1/2" -14 TPI	1/4" -19 TPI	40.5	14.5	12	27
1/2" -14 TPI	3/8" -19 TPI	41	14.5	12.5	27
3/4" -14 TPI	3/8" -19 TPI	45	16.5	12.5	32
3/4" -14 TPI	1/2" -14 TPI	47	16.5	14.5	32
1" -11 TPI	1/2" -14 TPI	51.5	19	14.5	41
1" -11 TPI	3/4" -14 TPI	53	19	16.5	41
1" 1/4 -11 TPI	3/4" -14 TPI	56.5	20	16.5	50
1" 1/4 -11 TPI	1" -11 TPI	59.0	20	19	50
1" 1/2 -11 TPI	1" -11 TPI	61.0	22	19	55
1" 1/2 -11 TPI	1" 1/4 -11 TPI	62.0	22	20	55
2" -11 TPI	1" 1/2 -11 TPI	70.0	25	22	70

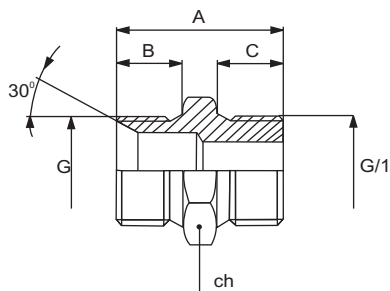
Also available in all combination's

BSP flat male / conus male adaptor (equal)



G/thread	G/1thread	A	B	C	ch
1/8" -28 TPI	-	30	10	-	14
1/4" -19 TPI	-	36	12	-	19
3/8" -19 TPI	-	37	12.5	-	22
1/2" 14 TPI	-	43	14.5	-	27
5/8" -14 TPI	-	48	16	-	30
3/4" -14 TPI	-	49	16.5	-	32
1" -11 TPI	-	56	19	-	41
1" 1/4 -11 TPI	-	60	20	-	50
1" 1/2 -11 TPI	-	64	22	-	55
2" -11 TPI	-	73	25	-	70

BSP male / flat male adaptor (reducing)

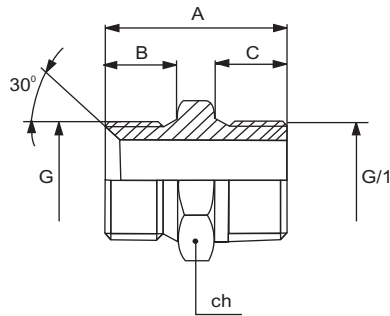


G/thread	G/1thread	A	B	C	ch
1/4" -19 TPI	1/8"-28 TPI	34	12	10.0	19
3/8" -19 TPI	1/4"-19 TPI	34.5	12.5	12.0	22
1/2" -14 TPI	3/8"-19 TPI	41	14.5	12.5	27
3/4" -14 TPI	1/2"-14 TPI	47	16.5	14.5	32
1" -11 TPI	3/4"-14 TPI	53	19	16.5	41
1" 1/4 -11 TPI	1"-11 TPI	59	20	19.0	30
1" 1/2 -11 TPI	1" 1/4-11 TPI	62	22	20.0	55
2" -11 TPI	1" 1/2-11 TPI	70	25	22.0	70

*The above listed items are usually available in the most used types and sizes. Any different item can only be manufactured on request.

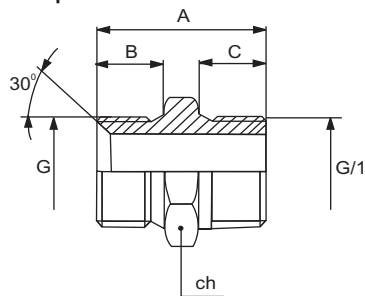
Dimension in mm

BSP to BSPT male / male adaptor



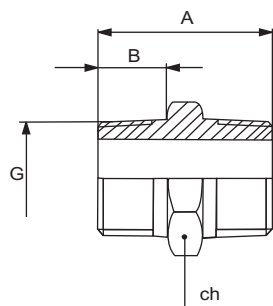
G/thread	G/thread con	G/met	A	B (BSP)	C (BSPT)	ch
1/8" -28 TPI	1/8" -28 TPI	-	29	10	10	14
1/4" -19 TPI	1/4" -19 TPI	-	36	12	14	19
3/8" -19 TPI	3/8" -19 TPI	-	37	12.5	14	22
1/2" -14 TPI	1/2" -14 TPI	-	45.5	14.5	19	27
3/4" -14 TPI	3/4" -14 TPI	-	49.5	16.5	19	32
1" -11 TPI	1" -11 TPI	-	59	19	24	41
1" 1/4 -11 TPI	1" 1/4 -11 TPI	-	62	20	25	50
1" 1/2 -11 TPI	1" 1/2 -11 TPI	-	69	22	27	55
2" -11 TPI	2" -11 TPI	-	75	25	30	70

BSP to NPT male / male adaptor



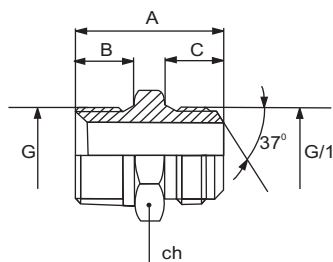
G/thread BSP	G/1 NPT	G/met	A	B (BSP)	C (NPT)	ch
1/8" -28 TPI	1/8" -27 TPI	-	29	10	9.5	14
1/4" -19 TPI	1/4" -18 TPI	-	36	12	14	19
3/8" -19 TPI	3/8" -18 TPI	-	37	12.5	14.5	22
1/2" -14 TPI	1/2" -14 TPI	-	45.5	14.5	19	27
3/4" -14 TPI	3/4" -14 TPI	-	49.5	16.5	19	32
1" -11 TPI	1" -11.5 TPI	-	59	19	24	41
1" 1/4 -11 TPI	1" 1/4 -11.5 TPI	-	62	20	24.5	50
1" 1/2 -11 TPI	1" 1/2 -11.5 TPI	-	69	22	25.5	55
2" -11 TPI	2" -11.5 TPI	-	75	25	26	70

BSPT male / male adaptor



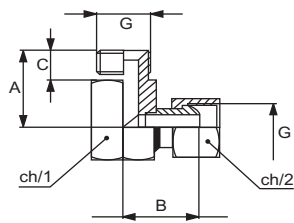
G/thread	G/thread con	A	B	C	ch
-	1/8" -28 TPI	28	10	-	12
-	1/4" -19 TPI	38	14	-	19
-	3/8" -19 TPI	38	14	-	19
-	1/2" -14 TPI	50	19	-	24
-	3/4" -14 TPI	50	19	-	30
-	1" -11 TPI	62	24	-	41
-	1" 1/4 -11 TPI	68	25	-	45
-	1" 1/2 -11 TPI	70	27	-	50
-	2" -11 TPI	80	30	-	65

NPT male adaptor / NF-JIC male

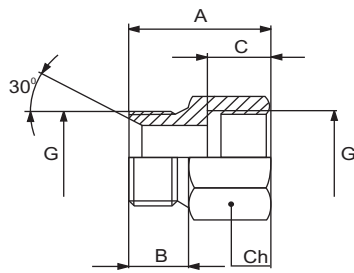


G/NPT	G/1 JIC	A	B-NPT	C-JIC	ch
1/8"-27 TPI	7/16" -20 TPI	33	9.5	14	12
1/4"-18 TPI	1/2" -20 TPI	38	14	14	19
3/8"-18 TPI	9/16" -18 TPI	38	14.5	14.1	20
1/2"-14 TPI	3/4" -16 TPI	40	19	16.7	24
3/4"-14 TPI	7/8" -14 TPI	51	19	19.3	30
3/4"-14 TPI	1" 1/16" -12 TPI	55	19	22	30
1"-11.5 TPI	1" 5/16" -12 TPI	61	24	23	41
1" 1/4-11.5TPI	1" 5/8" -12 TPI	65	24.5	24.5	45
1" 1/2-11.5TPI	1" 7/8" -12 TPI	71	25.5	27.5	50
2"-11.5 TPI	2" 1/2" -12 TPI	85	31	34	65

Dimension in mm

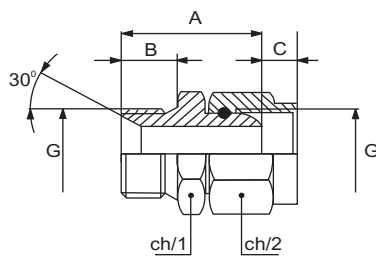
BSP 90° male / swivel female adaptor

G/thread	G/1thread con	A	B	C	ch/1	ch/2
1/4" -19 TPI	-	27	23.5	12	19	19
3/8" -19 TPI	-	32	31	12.5	22	22
1/2" -14 TPI	-	37	31.5	14.5	27	27
3/4" -14 TPI	-	42	38	16.5	35	32
1" -1 TPI	-	46	45	19	41	41

BSP male / female adaptor

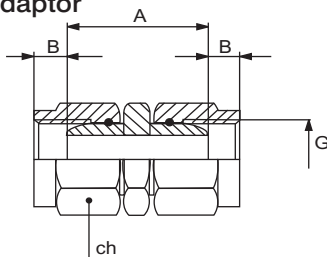
G/thread	G/thread	A	B - Male	C - Female	ch
-	1/4" -28 TPI	34	12	17	19
-	3/8" -19 TPI	35	12.5	17	22
-	1/2" -14 TPI	40	14.5	19	27
-	3/4" -14 TPI	43	16.5	20	32
-	1" -11 TPI	50	19	24	41
-	1"1/4 -11 TPI	53	20	26	50
-	1"1/2 -11 TPI	59	22	28	55
-	2" -11 TPI	68	25	33	70

Also available with reducing sizes

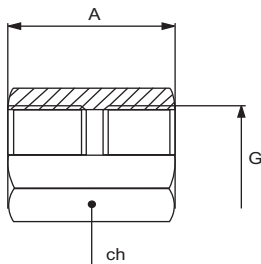
BSP male / swivel female adaptor

G/thread	A	B	C	ch/1	ch/2
1/4" -28 TPI	29	12	5	19	19
3/8" -19 TPI	33	12.5	7	22	22
1/2" -14 TPI	36	14.5	8	27	27
3/4" -14 TPI	42	16.5	9.5	32	32
1" -11 TPI	47.5	19	11.5	41	41

Also available with reducing sizes

BSP swivel female / swivel female adaptor

G/thread	G/1thread con	A	B	C	ch
1/4" -19 TPI	-	30	5	-	19
3/8" -19 TPI	-	34	7	-	22
1/2" -14 TPI	-	37	8	-	27
3/4" -14 TPI	-	43	9.5	-	32
1" -1 TPI	-	48	11.5	-	41

BSP female / female adaptor

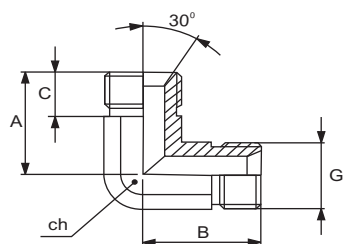
G/thread	G/1thread con	A	B	C	ch
1/4" -19 TPI	-	28	-	-	19
3/8" -19 TPI	-	31	-	-	22
1/2" -14 TPI	-	35	-	-	27
3/4" -14 TPI	-	41	-	-	32
1" -11 TPI	-	45	-	-	41
1"1/4 -11 TPI	-	50	-	-	50
1"1/2 -11 TPI	-	52	-	-	55
2" -11 TPI	-	60	-	-	70

Also available with reducing sizes.

*The above listed items are usually available in the most used types and sizes. Any different item can only be manufactured on request.

Dimension in mm

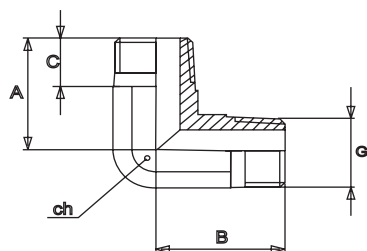
BSP 90° male / male adaptor



G/thread	G/1thread con	A	B	C	ch
1/4" -19 TPI	-	18	18	12	19
3/8" -19 TPI	-	20	20	12.5	22
1/2" -14 TPI	-	22.5	22.5	14.5	27
3/4" -14 TPI	-	27.5	27.5	16.5	32
1" -11 TPI	-	33	33	19	41

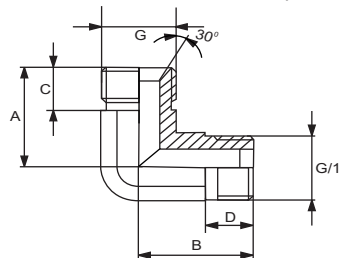
Also available with reducing sizes.

BSP 90°elbow male/male adaptor



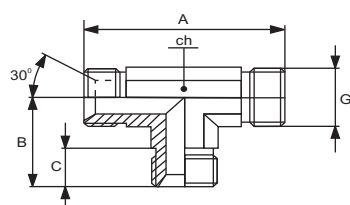
G/thread	G/1thread con	A	B	C	ch
1/4" -19 TPI	1/4" -19 TPI	18	18	12	19
3/8" -19 TPI	3/8" -19 TPI	20	20	12.5	22
1/2" -14 TPI	1/2" -14 TPI	22.5	22.5	14.5	27
3/4" -14 TPI	3/4" -14 TPI	27.5	27.5	16.5	32
1" -11 TPI	1" -11 TPI	33	33	19	41

BSPT 90°elbow male / male adaptor

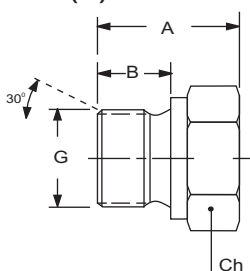


G/thread	G/met	A	B	C	ch
1/4" -19 TPI	-	18	18	14	11
3/8" -19 TPI	-	20	20	14	22
1/2" -14 TPI	-	22.5	22.5	19	27
3/4" -14 TPI	-	27.5	27.5	19	32
1" -11 TPI	-	33	33	24	41

BSP male / male / male TEE adaptor

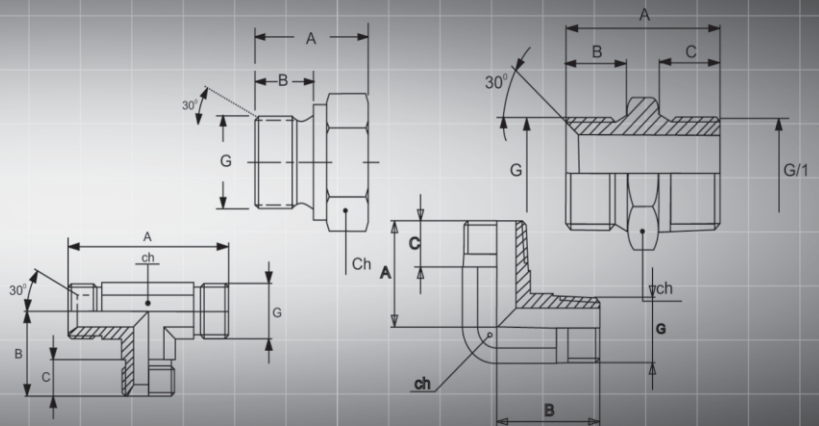
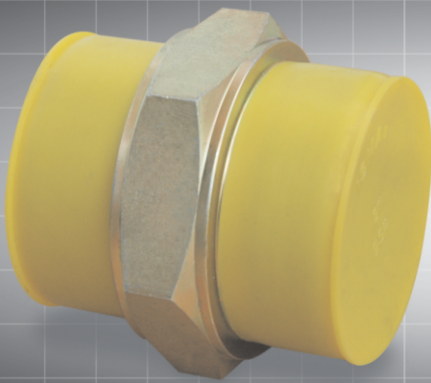


G/thread	G/met	A	B	C	ch
1/4" -19 TPI	-	49.5	18	12	19
3/8" -19 TPI	-	53	19	12.5	22
1/2" -14 TPI	-	61	22	14.5	27
3/4" -14 TPI	-	72	26.5	16.5	32
1" -11 TPI	-	98	34	19	41

Hex head plug Male thread:
BSPP (G)-ISO 228

G Male tread BSPP	A	B	Ch
1/8" - 28 TPI	14.5	10	14
1/4" - 19 TPI	20.0	12	19
3/8" - 19 TPI	22.5	12.5	22
1/2" - 14 TPI	24.0	14.5	27
3/4" - 14 TPI	26.0	16.5	32
1" - 11 TPI	27.0	19	41
1 1/4" - 11 TPI	28.0	20	50
1 1/2" - 11 TPI	30.0	22	55

* The above listed items are usually available in the most used types and sizes.
Any different item can only be manufactured on request.



HI FLEX HYDRAULICS PVT. LTD.

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