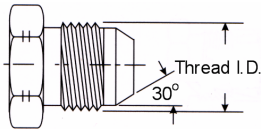


KOMATSU® (JIS 30° Flare Metric Thread) Connections / Identification

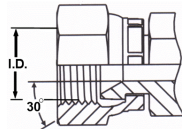
JIS 30° Flare connections include series of inch (BSP) threads and metric threads. This section is dedicated to JIS 30° Flare Metric, or a/k/a “KOMATSU®” connection (due to its near exclusive use on KOMATSU® brand equipment).

Measurement Procedure

1. With calipers, measure the O.D. (outer diameter) of the male threads or the I.D. (inner diameter) of the Female threads.
2. Check the thread pitch with the thread pitch gauges.
3. Check the flare angle (30°) with the seat angle gauge.
4. Compare measurements against chart.



KOMATSU® 30° Flare Male



KOMATSU® 30° Flare Female

Dash Size	Thread Pitch (mm)	Male Thread O.D.		Female Thread I.D.	
		(mm)	(inches)	(mm)	(inches)
12	1.5	12	.472	10.5	4.13
14	1.5	14	.551	12.5	.492
16	1.5	16	.630	14.5	.571
18	1.5	18	.709	16.5	.650
20	1.5	20	.787	18.5	.728
22	1.5	22	.866	20.5	.807
24	1.5	24	.945	22.5	.886
30	1.5	30	1.181	28.5	1.122
33	1.5	33	1.299	31.5	1.240
36	1.5	36	1.417	34.5	1.358
42	1.5	42	1.654	40.5	1.594

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KOMATSU® 30° Flare to KOMATSU® 30° Flare	K1
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<i>Converted to</i> ○ JIC.....	K5
<i>Converted to</i> ○ ORFS.....	K5

KOMATSU® Cap



Part Number	KOM
0CK-14	14x1.5
0CK-16	16x1.5
0CK-18	18x1.5
0CK-20	20x1.5
0CK-22	22x1.5
0CK-24	24x1.5
0CK-30	30x1.5
0CK-33	33x1.5

KOMATSU® Plug



Part Number	KOM
0PK-14	14x1.5
0PK-16	16x1.5
0PK-18	18x1.5
0PK-20	20x1.5
0PK-22	22x1.5
0PK-24	24x1.5
0PK-30	30x1.5
0PK-33	33x1.5

Male KOMATSU® Union



Part Number	KOM	KOM
10KK-10-10	10x1.5	10x1.5
10KK-14-14	14x1.5	14x1.5
10KK-16-16	16x1.5	16x1.5
10KK-18-18	18x1.5	18x1.5
10KK-20-20	20x1.5	20x1.5
10KK-22-22	22x1.5	22x1.5
10KK-24-24	24x1.5	24x1.5
10KK-30-30	30x1.5	30x1.5
10KK-33-33	33x1.5	33x1.5
10KK-36-36	36x1.5	36x1.5
10KK-42-42	42x1.5	42x1.5

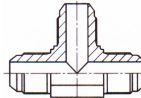
KOMATSU® Male Union 90° Elbow



This series quoted upon request

Part Number	KOM	KOM
19KK-14-14	14x1.5	14x1.5
19KK-16-16	16x1.5	16x1.5
19KK-18-18	18x1.5	18x1.5
19KK-22-22	22x1.5	22x1.5
19KK-24-24	24x1.5	24x1.5
19KK-30-30	30x1.5	30x1.5
19KK-33-33	33x1.5	33x1.5

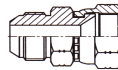
KOMATSU® Male Union Tee



This series quoted upon request

Part Number	KOM	KOM	KOM
AKKK-14-14-14	14x1.5	14x1.5	14x1.5
AKKK-16-16-16	16x1.5	16x1.5	16x1.5
AKKK-18-18-18	18x1.5	18x1.5	18x1.5
AKKK-22-22-22	22x1.5	22x1.5	22x1.5
AKKK-24-24-24	24x1.5	24x1.5	24x1.5
AKKK-30-30-30	30x1.5	30x1.5	30x1.5
AKKK-33-33-33	33x1.5	33x1.5	33x1.5

KOMATSU® Male to Female Swivel



This series quoted upon request

Part Number	KOM	KOM
20KK-14-14	14x1.5	14x1.5
20KK-16-16	16x1.5	16x1.5
20KK-18-18	18x1.5	18x1.5
20KK-20-20	20x1.5	20x1.5
20KK-22-22	22x1.5	22x1.5
20KK-24-24	24x1.5	24x1.5
20KK-30-30	30x1.5	30x1.5
20KK-33-33	33x1.5	33x1.5
20KK-36-36	36x1.5	36x1.5
20KK-42-42	42x1.5	42x1.5

KOMATSU® Male to Female Swivel 90° Elbow



Part Number	KOM	KOM
29KK-14-14	14x1.5	14x1.5
29KK-16-16	16x1.5	16x1.5
29KK-18-18	18x1.5	18x1.5
29KK-22-22	22x1.5	22x1.5
29KK-24-24	24x1.5	24x1.5
29KK-30-24	30x1.5	24x1.5
29KK-30-30	30x1.5	30x1.5
29KK-33-33	33x1.5	33x1.5

KOMATSU® Female Swivel Branch Tee



Part Number	KOM	KOM	KOM
BKKK-14-14-14	14x1.5	14x1.5	14x1.5
BKKK-14-39-22	14x1.5	39x1.5	22x1.5
BKKK-18-18-18	18x1.5	18x1.5	18x1.5
BKKK-22-22-22	22x1.5	22x1.5	22x1.5
BKKK-24-24-24	24x1.5	24x1.5	24x1.5
BKKK-30-30-30	30x1.5	30x1.5	30x1.5
BKKK-33-33-33	33x1.5	33x1.5	33x1.5
BKKK-39-39-39	39x1.5	39x1.5	39x1.5

KOMATSU® Female Swivel Run Tee

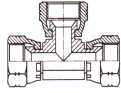


Part Number	KOM	KOM	KOM
CKKK-14-14-14	14x1.5	14x1.5	14x1.5
CKKK-14-39-22	14x1.5	39x1.5	22x1.5
CKKK-18-18-18	18x1.5	18x1.5	18x1.5
CKKK-22-22-22	22x1.5	22x1.5	22x1.5
CKKK-24-24-24	24x1.5	24x1.5	24x1.5
CKKK-30-30-30	30x1.5	30x1.5	30x1.5
CKKK-33-33-33	33x1.5	33x1.5	33x1.5
CKKK-39-39-39	39x1.5	39x1.5	39x1.5

KOMATSU® 30° Flare (Metric Threads)



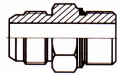
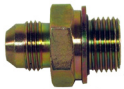
KOMATSU® Female Union Swivel Tee



This series quoted upon request

Part Number	KOM	KOM	KOM
DKKK-14-14-14	14x1.5	14x1.5	14x1.5
DKKK-16-16-16	16x1.5	16x1.5	16x1.5
DKKK-18-18-18	18x1.5	18x1.5	18x1.5
DKKK-22-22-22	22x1.5	22x1.5	22x1.5
DKKK-24-24-24	24x1.5	24x1.5	24x1.5
DKKK-30-30-30	30x1.5	30x1.5	30x1.5
DKKK-33-33-33	33x1.5	33x1.5	33x1.5
DKKK-36-36-36	36x1.5	36x1.5	36x1.5
DKKK-42-42-42	42x1.5	42x1.5	42x1.5

KOMATSU® Male to Metric Port Male (Washer / O-Ring)



Part Number	KOM	MM
10KH-14-12	14x1.5	12x1.5
10KH-14-14	14x1.5	14x1.5
10KH-16-14	16x1.5	14x1.5
10KH-18-14	18x1.5	14x1.5
10KH-18-16	18x1.5	16x1.5
10KH-18-20	18x1.5	20x1.5
10KH-20-18	20x1.5	18x1.5
10KH-22-20	22x1.5	20x1.5
10KH-24-22	24x1.5	22x1.5
10KH-30-27	30x1.5	27x2.0
10KH-33-33	33x1.5	33x2.0
10KH-36-33	36x1.5	33x2.0

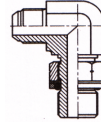
KOMATSU® Male to Metric Port Male Adjustable 45° Elbow (Nut / Washer / O-Ring)



14KH series quoted upon request

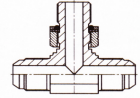
Part Number	KOM	MM
14KH-14-12	14x1.5	12x1.5
14KH-16-14	16x1.5	14x1.5
14KH-18-14	18x1.5	14x1.5
14KH-18-16	18x1.5	16x1.5
14KH-18-20	18x1.5	20x1.5
14KH-20-18	20x1.5	18x1.5
14KH-22-20	22x1.5	20x1.5
14KH-24-22	24x1.5	22x1.5
14KH-30-20	30x1.5	20x1.5
14KH-30-24	30x1.5	24x1.5
14KH-33-33	33x1.5	33x2.0

KOMATSU® Male to Metric Port Male Adjustable 90° Elbow (Nut / Washer / O-Ring)



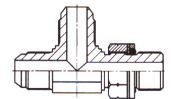
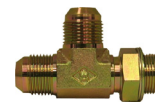
Part Number	KOM	MM
19KH-14-12	14x1.5	12x1.5
19KH-14-14	14x1.5	14x1.5
19KH-16-14	16x1.5	14x1.5
19KH-18-14	18x1.5	14x1.5
19KH-18-16	18x1.5	16x1.5
19KH-18-20	18x1.5	20x1.5
19KH-20-18	20x1.5	18x1.5
19KH-22-20	22x1.5	20x1.5
19KH-24-20	24x1.5	20x1.5
19KH-30-20	30x1.5	20x1.5
19KH-30-24	30x1.5	24x1.5
19KH-30-27	30x1.5	27x2.0
19KH-33-33	33x1.5	33x2.0

KOMATSU® Male to Metric Port Male Thread Branch Tee (Nut / Washer / O-Ring)



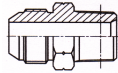
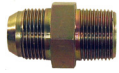
Part Number	KOM	KOM	MM
AKKH-14-14-12	14x1.5	14x1.5	12x1.5
AKKH-14-14-14	14x1.5	14x1.5	14x1.5
AKKH-16-16-14	16x1.5	16x1.5	14x1.5
AKKH-18-18-14	18x1.5	18x1.5	14x1.5
AKKH-18-18-16	18x1.5	18x1.5	16x1.5
AKKH-18-18-20	18x1.5	18x1.5	20x1.5
AKKH-22-22-20	22x1.5	22x1.5	20x1.5
AKKH-24-24-20	24x1.5	24x1.5	20x1.5
AKKH-24-24-22	24x1.5	24x1.5	22x1.5
AKKH-30-30-27	30x1.5	30x1.5	27x2.0
AKKH-33-33-33	33x1.5	33x1.5	33x2.0

KOMATSU® Male to Metric Port Male Adjustable Branch Tee (Nut / Washer / O-Ring)



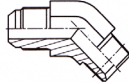
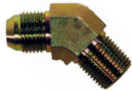
Part Number	KOM	MM	KOM
AKHK-14-12-14	14x1.5	12x1.5	14x1.5
AKHK-14-14-14	14x1.5	14x1.5	14x1.5
AKHK-16-14-16	16x1.5	14x1.5	16x1.5
AKHK-18-14-18	18x1.5	14x1.5	18x1.5
AKHK-18-16-18	18x1.5	16x1.5	18x1.5
AKHK-18-20-18	18x1.5	20x1.5	18x1.5
AKHK-22-20-22	22x1.5	20x1.5	22x1.5
AKHK-24-20-24	24x1.5	20x1.5	24x1.5
AKHK-24-22-24	24x1.5	22x1.5	24x1.5
AKHK-30-27-30	30x1.5	27x2.0	30x1.5
AKHK-33-33-33	33x1.5	33x2.0	33x1.5
AKHK-36-33-36	36x1.5	33x2.0	36x1.5

KOMATSU® Male to BSPT Male



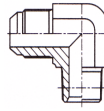
Part Number	KOM	BSPT
10KT-14-04	14x1.5	1/4-19
10KT-14-06	14x1.5	3/8-19
10KT-16-06	16x1.5	3/8-19
10KT-18-06	18x1.5	3/8-19
10KT-20-06	20x1.5	3/8-19
10KT-22-06	22x1.5	3/8-19
10KT-22-08	22x1.5	1/2-14
10KT-24-08	24x1.5	1/2-14
10KT-24-12	24x1.5	3/4-14
10KT-30-12	30x1.5	3/4-14
10KT-33-16	33x1.5	1-11
10KT-36-20	36x1.5	1¼-11
10KT-42-24	42x1.5	1½-11

KOMATSU® Male to BSPT Male 45° Elbow



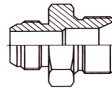
Part Number	KOM	BSPT
14KT-14-04	14x1.5	1/4-19
14KT-14-06	14x1.5	3/8-19
14KT-16-06	16x1.5	3/8-19
14KT-18-06	18x1.5	3/8-19
14KT-20-06	20x1.5	3/8-19
14KT-22-06	22x1.5	3/8-19
14KT-22-08	22x1.5	1/2-14
14KT-24-08	24x1.5	1/2-14
14KT-24-12	24x1.5	3/4-14
14KT-30-12	30x1.5	3/4-14
14KT-33-16	33x1.5	1-11

KOMATSU® Male to BSPT 90° Male Elbow



• Part Number	KOM	BSPT
19KT-14-02	14x1.5	1/8-28
19KT-14-04	14x1.5	1/4-19
19KT-14-06	14x1.5	3/8-19
19KT-16-06	16x1.5	3/8-19
19KT-18-06	18x1.5	3/8-19
19KT-20-06	20x1.5	3/8-19
19KT-22-06	22x1.5	3/8-19
19KT-22-08	22x1.5	1/2-14
19KT-24-08	24x1.5	1/2-14
19KT-24-12	24x1.5	3/4-14
19KT-30-12	30x1.5	3/4-14
19KT-33-16	33x1.5	1-11

KOMATSU® Male to BSPP Male (60° Seat)

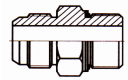


This series quoted upon request

For port version - series 10KG - next column

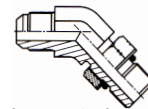
Part Number	KOM	BSPP
10KB-14-04	14x1.5	1/4-19
10KB-18-04	18x1.5	1/4-19
10KB-18-06	18x1.5	3/8-19
10KB-22-06	22x1.5	3/8-19
10KB-18-08	18x1.5	1/2-14
10KB-20-08	20x1.5	1/2-14
10KB-22-08	22x1.5	1/2-14
10KB-24-08	24x1.5	1/2-14
10KB-24-10	24x1.5	5/8-14
10KB-30-12	30x1.5	3/4-14
10KB-33-16	33x1.5	1-11

KOMATSU® Male to BSPPOR* Male (Washer / O-Ring)



Part Number	KOM	BSPP
10KG-14-04	14x1.5	1/4-19
10KG-14-06	14x1.5	3/8-19
10KG-16-06	16x1.5	3/8-19
10KG-18-06	18x1.5	3/8-19
10KG-22-08	22x1.5	1/2-14
10KG-30-12	30x1.5	3/4-14
10KG-33-12	33x1.5	3/4-14
10KG-33-16	33x1.5	1-11

KOMATSU® Male to BSPPOR Male Adjustable 45° Elbow (Nut / Washer / O-Ring)



This series quoted upon request

Part Number	KOM	BSPP
14KG-14-04	14x1.5	1/4-19
14KG-18-06	18x1.5	3/8-19
14KG-22-08	22x1.5	1/2-14
14KG-24-08	24x1.5	1/2-14
14KG-30-12	30x1.5	3/4-14
14KG-33-16	33x1.5	1-11

KOMATSU® 30° Flare (Metric Threads)



KOMATSU® Male to BSPP Male Adjustable 90° Elbow (Nut / Washer / O-Ring)



Part Number	KOM	BSPP
19KG-14-04	14x1.5	1/4-19
19KG-14-06	14x1.5	3/8-19
19KG-16-06	16x1.5	3/8-19
19KG-18-06	18x1.5	3/8-19
19KG-20-06	20x1.5	3/8-19
19KG-20-08	20x1.5	1/2-14
19KG-22-08	22x1.5	1/2-14
19KG-24-08	24x1.5	1/2-14
19KG-24-12	24x1.5	3/4-14
19KG-30-12	30x1.5	3/4-14
19KG-33-16	33x1.5	1-11
19KG-33-20	33x1.5	1¼-11

KOMATSU® Male to NPT Male



Part Number	KOM	NPT
10KN-14-04	14x1.5	1/4-18
10KN-14-06	14x1.5	3/8-18
10KN-16-06	16x1.5	3/8-18
10KN-16-08	16x1.5	1/2-14
10KN-18-06	18x1.5	3/8-18
10KN-20-06	20x1.5	3/8-18
10KN-20-08	20x1.5	1/2-14
10KN-22-08	22x1.5	1/2-14
10KN-24-08	24x1.5	1/2-14
10KN-24-12	24x1.5	3/4-14
10KN-30-12	30x1.5	3/4-14
10KN-33-16	33x1.5	1-11
10KN-36-20	36x1.5	1¼-11
10KN-42-24	42x1.5	1½-11

KOMATSU® Male to NPT Male 90° Elbow



This series quoted upon request

Part Number	KOM	NPT
19KN-14-04	14x1.5	1/4-18
19KN-16-06	16x1.5	3/8-18
19KN-16-08	16x1.5	1/2-14
19KN-18-06	18x1.5	3/8-18
19KN-20-06	20x1.5	3/8-18
19KN-20-08	20x1.5	1/2-14
19KN-22-08	22x1.5	1/2-14
19KN-24-08	24x1.5	1/2-14
19KN-24-12	24x1.5	3/4-14
19KN-30-12	30x1.5	3/4-14
19KN-33-16	33x1.5	1-11½

KOMATSU® Male to JIC Male



Part Number	JIC	KOM
10JK-04-14	7/16-20	14x1.5
10JK-06-18	9/16-18	18x1.5
10JK-08-22	3/4-16	22x1.5
10JK-10-24	7/8-14	24x1.5
10JK-12-22	11/16-12	22x1.5
10JK-12-24	11/16-12	24x1.5
10JK-12-30	11/16-12	30x1.5
10JK-16-33	15/16-12	33x1.5
10JK-20-36	15/8-12	36x1.5
10JK-24-42	17/8-12	42x1.5

JIC Male to KOMATSU® Female Swivel



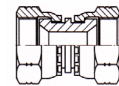
Part Number	JIC	KOM
20JK-04-14	7/16-20	14x1.5
20JK-06-16	9/16-18	16x1.5
20JK-06-18	9/16-18	18x1.5
20JK-08-22	3/4-16	22x1.5
20JK-10-24	7/8-14	24x1.5
20JK-12-30	11/16-12	30x1.5
20JK-16-33	15/16-12	33x1.5

KOMATSU® Male to JIC Female Swivel



Part Number	KOM	JIC
20KJ-14-04	14x1.5	7/16-20
20KJ-18-06	18x1.5	9/16-18
20KJ-22-08	22x1.5	3/4-16
20KJ-22-12	22x1.5	11/16-12
20KJ-24-10	24x1.5	7/8-14
20KJ-24-12	24x1.5	11/16-12
20KJ-33-16	33x1.5	15/16-12

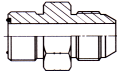
JIC Female Swivel to KOMATSU® Female Swivel



This series quoted upon request

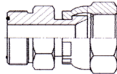
Part Number	JIC	KOM
30JK-12-22	11/16-12	22x1.5
30JK-12-24	11/16-12	24x1.5
30JK-12-30	11/16-12	30x1.5
30JK-16-33	15/16-12	33x1.5
30JK-24-42	17/8-12	42x1.5

ORS Male to KOMATSU® Male



Part Number	ORS	KOM
10FK-04-14	9/16-18	14x1.5
10FK-06-18	11/16-16	18x1.5
10FK-08-22	13/16-16	22x1.5
10FK-10-24	1-14	24x1.5
10FK-12-30	1 3/16-12	30x1.5
10FK-16-33	1 7/16-12	33x1.5

ORS Male to KOMATSU® Female Swivel



Part Number	ORS	KOM
20FK-04-14	9/16-18	14x1.5
20FK-04-16	9/16-18	16x1.5
20FK-06-18	11/16-16	18x1.5
20FK-06-22	11/16-16	22x1.5
20FK-08-22	13/16-16	22x1.5
20FK-08-24	13/16-16	24x1.5
20FK-10-24	1-14	24x1.5
20FK-10-30	1-14	30x1.5
20FK-12-30	1 3/16-12	30x1.5
20FK-12-33	1 3/16-12	33x1.5
20FK-16-33	1 7/16-12	33x1.5
20FK-16-42	1 7/16-12	42x1.5