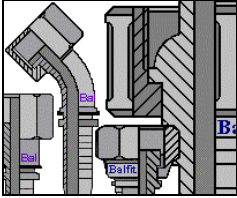


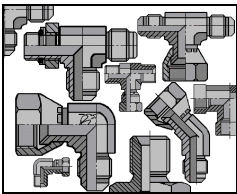
Balfit[®] Hydraulic Fittings and Adapters



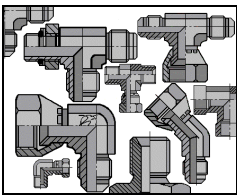
Hydraulic Crimped Fittings – 20/23/24/26/P12/P23/P24/P25 series



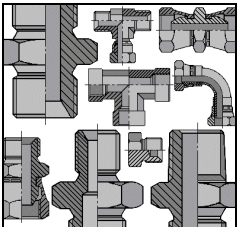
SAE 37[°] Flared Pipe Fittings / NPT Adapters – 35 series



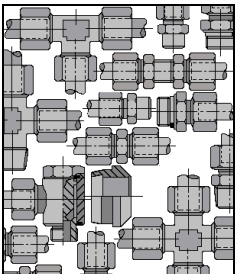
ORFS Fittings – 36 series



Hydraulic Adapters – 52 and 53 series



DIN 2353 Compression Ring Pipe Fittings – 34 series



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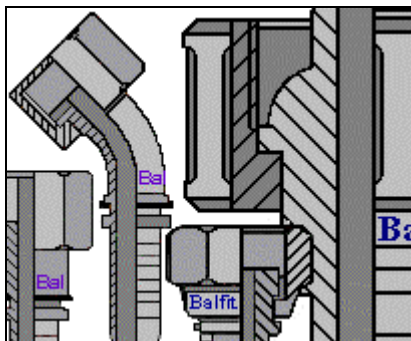
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Balfit[®] Hydraulic Hose Fittings



Balfit[®] Hydraulic Hose Fittings

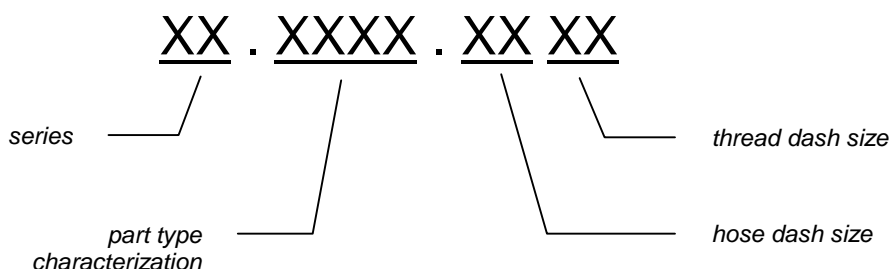
The range of **Balfit[®]** hydraulic hose connectors is produced according to **Balflex[®]** specifications and to **ISO, SAE, DIN, JIS, BS, NF** and other standards. It covers a very wide variety of applications typical of hydraulic pressure hose lines.

Balflex[®] optimized the production of these connectors and their compatibility with a wide range of hydraulic hoses, in order to assure the highest performance and the most extensive range of applications. The **Balfit[®]** hydraulic connectors program in this catalogue includes the following standard crimped two-piece type (connector + ferrule) parts:

- Series **20** - **Balfit[®]** ferrules for all types of crimped **Balfit[®]** connectors
- Series **23** - **Balfit[®]** crimped connectors for standard 1 and 2 wire braided hydraulic hoses
- Series **24** - **Balfit[®]** crimped connectors for **Balmaster** multi-spiral hydraulic hoses
- Series **26** - **Balfit[®]** crimped interlocking connectors for **Powerspir** multi-spiral hydraulic hoses

An overview of these parts is given in the following pages.

The **Balfit[®]** connectors parts code is composed of three groups of digits:



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Balfit® Hydraulic Hose Fittings



Series 20 Balfit® Ferrules

SKIVING FERRULES

				double-skived	
20.100. R1A – 1ST	20.200. R2A – 2ST R12 3 - MAX	20.400. 4SP R9R R12	20.403. R12 4SH	20.405. 4SH *	20.406 4SH ** R13 R15

NON SKIVING FERRULES

20.107. R7 – TEFLON R6 – 1TE R8 2TE	20.101. R1AT – 1SN	20.201. R2AT – 2SN 2 - MAX R3 – 3TE	20.202. R1AT – 1SN R2AT – 2SN 2 - MAX R3 – 3TE	20.204. R1AT – R2AT R16 – R17 2 - MAX

* 4SH (1.1/4", 1.1/2" and 2")

** 4SH (3/4" and 1") SAE 100R13 (all sizes)

Series 23 Balfit® Hose Fittings for High Pressure Hydraulic Wire Braid Hoses

Complete line of swaged Hydraulic Hose Fittings for SAE 100R6, DIN EN 1TE, DIN EN 2TE, SAE 100R3, DIN EN 3TE, SAE 100R1AT / DIN EN 1SN, SAE 100R2AT / DIN EN 2SN, DIN EN 1SC, DIN EN 2SC, SAE 100R17, SAE 100R1A / DIN EN 1ST, SAE 100R2A / DIN EN 2ST, SAE 100R14, Balflex 2-MAX and Balflex 3-MAX Hoses, SAE 100R7, SAE 100R8 and R7 Steelflex

Series 24 Balfit® Hose Fittings for Very High Pressure Hydraulic Spiral Hoses

Complete line of swaged Hydraulic Hose Fittings for SAE 100R12, DIN EN 4SP and DIN EN 4SH Hoses.

Series 26 Balfit® Hose Fittings for Extreme Pressure Hydraulic Spiral Hoses

Complete line of swaged Hydraulic Hose Fittings, Powerspir type, with internal and external skiving for DIN EN 4SH, SAE 100R13 and SAE 100R15 Hoses.

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Balfit[®] Hydraulic Hose Fittings

Balflex[®] Hose vs Fittings

HOSE VS FITTINGS			3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
			- 03	- 04	- 05	- 06	- 08	- 10	- 12	- 16	- 20	- 24	- 32
Balflex [®]			Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]
10.1216		1TE	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	X	X	X
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX			
10.1217		2TE	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	X	X	X
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX			
10.1220		R3 / 3TE	20.201	20.201	20.201	20.201	20.202	20.202	20.202	20.201	20.201	20.201	20.201
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX
10.1001		R1A / 1ST	20.100	20.100	20.100	20.100	20.100	20.100	20.100	20.100	20.100	20.100	20.100
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX
10.1002		R1T / 1SN	20.101	20.101 20.204	20.101 20.204	20.101 20.204	20.202 20.204	20.202 20.204	20.202 20.204	20.201 20.204	20.101 20.204	20.101 20.204	20.101 20.204
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX
10.1003		R2A / 2ST	20.200	20.200	20.200	20.200	20.200	20.200	20.200	20.200	20.200	20.200	20.200
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX
10.1004		R2T / 2SN	20.201	20.201 20.204	20.201 20.204	20.201 20.204	20.202 20.204	20.202 20.204	20.202 20.204	20.201 20.204	20.201 20.204	20.201 20.204	20.201 20.204
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX
10.1017		BALPAC 3000 R17	X	20.204	20.204	20.204	20.204	20.204	20.204	20.204	X	X	X
				23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX			
10.1012		R12	X	X	X	20.200	20.200 20.400	20.200 20.400	20.200 20.400	20.200 20.400	20.403	20.403	20.403
						24.XXXX	24.XXXX	24.XXXX	24.XXXX	24.XXXX	23.XXXX	23.XXXX	23.XXXX
10.1008		4SP	X	20.400	X	20.200 20.400	20.200 20.400	20.200 20.400	20.200 20.400	20.200 20.400	20.400	20.400	20.400
				24.XXXX		24.XXXX	24.XXXX	24.XXXX	24.XXXX	24.XXXX	23.XXXX	23.XXXX	23.XXXX
10.1009		4SH	X	X	X	X	X	X	20.400 20.406	20.400 20.406	20.403 20.405	20.403 20.405	20.403 20.405
										24.XXXX 26.XXXX	24.XXXX 26.XXXX	24.XXXX 26.XXXX	24.XXXX 26.XXXX
10.1014		R13	X	X	X	X	X	X	20.406	20.406	20.406	20.406	X
										26.XXXX	26.XXXX	26.XXXX	
10.1016		R15	X	X	X	X	X	X	20.406	20.406	20.406	20.406	X
										26.XXXX	26.XXXX	26.XXXX	
10.1029		2-MAX JACK	X	20.204	X	20.204	X	X	X	X	X	X	X
				23.XXXX		23.XXXX							

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Balflex[®] – The European Technology

Balfit[®] Hydraulic Hose Fittings



Balflex[®] Hose vs Fittings

HOSE VS FITTINGS			3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
			- 03	- 04	- 05	- 06	- 08	- 10	- 12	- 16	- 20	- 24	- 32
Balflex [®]			Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]	Balfit [®]
10.1029		2-MAX JACK	X	20.204	X	20.204	X	X	X	X	X	X	X
				23.XXXX		23.XXXX							
10.1005		3-MAX	X	X	X	20.400	20.400	X	X	X	X	X	X
						23.XXXX	23.XXXX						
						24.XXXX	24.XXXX						
10.1030		R7 TEXTIL	20.107	20.107	20.107	20.107	20.107	20.107	20.107	X	X	X	
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX				23.XXXX
10.1031		R7 AÇO	20.107	20.107	20.107	20.107	20.107	20.107	20.107	X	X	X	
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX				23.XXXX
10.1032		R8	20.107	20.107	20.107	20.107	20.107	20.107	20.107	X	X	X	
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX				23.XXXX
10.2000 10.2003		BALFLON R14	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107
			23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX	23.XXXX
10.2010		BALFLON ONDULADO	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	20.107	

Cross-reference for Hydraulic Crimped Fittings

Showing Balfit[®] fittings type with corresponding competitor's hose type

Balfit [®] Fittings series	23 Series	P23 Series	24 Series	P24 Series	P12 Series	P25 Series	26 Series
Aeroquip Eaton		TTC			TTC12		ISCF *
Dayco		BW / HY		JJ	BW / JJ	HF / HY	JJ
Gates	PC	G25	GS - PCS		GS - PCS	PC	
Parker		43		70	71		78
Weatherhead		M / S / U			E / U		

* Aeroquip ISCF – Internal Skiving Crimp Fittings

The information provided by this Cross-reference chart is intended as a reference guide only. These hydraulic crimped fittings are similar but not exactly equal in all technical data and performances. Refer to hydraulic crimped fittings specifications to assure that the suggested hydraulic crimped fittings will attend the required application.

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Balflex[®] Hydraulic Hose Fittings

Torque

For each type of fitting a torque value that assures sealing without damaging the thread is recommended in table 2. Whenever a torque meter is not available, follow the rule of thumb given for the fitting type.

Table 2a: Recommended Torque for JIC Connectors

Size	Dash	Torque (Nm)
7/16"	-4	14
1/2"	-5	19
9/16"	-6	23
5/8"	-7	25
3/4"	-8	30
7/8"	-10	35
1-1/16"	-12	41
1-3/16"	-14	47
1-5/16"	-16	52
1-5/8"	-20	60
1-7/8"	-24	69
2-1/2"	-32	80

Table 2b: Recommended Torque for BSP Connectors

Size	Dash	Torque (Nm)
1/8"	-2	15
1/4"	-4	20
3/8"	-6	31
1/2"	-8	36
5/8"	-10	41
3/4"	-12	46
1"	-16	57
1-1/4"	-20	65
1-1/2"	-24	74
2"	-32	86

Table 2c: Recommended Torque for Metric Connectors

Size	Dash	Torque (Nm)
M12 x 1,5	12	11
M14 x 1,5	14	16
M16 x 1,5	16	20
M18 x 1,5	18	22
M20 x 1,5	20	27
M22 x 1,5	22	32
M24 x 1,5	24	38
M26 x 1,5	26	44
M30 x 2,0	30	49
M36 x 2,0	36	57
M42 x 2,0	42	66
M45 x 2,0	45	77
M52 x 2,0	52	79

Table 2d: Recommended Torque for ORFS Connectors

Size	Dash	Torque (Nm)
9/16"	-6	15
11/16"	-9	20
13/16"	-11	26
1"	-13	31
1-3/16"	-14	36
1-7/16"	-15	41
1-11/16"	-21	46
2-1/2"	-32	51

Table 2e: Recommended Torque for Code 61 Flange

Size	Dash	Torque (Nm)
1/2"	- 8	17
3/4"	- 12	25
1"	- 16	31
1-1/4"	- 20	40
1-1/2"	- 24	52
2"	- 32	60
2.1/2"	- 40	85

Table 2f: Recommended Torque for Code 62 Flange

Size	Dash	Torque (Nm)
1/2"	- 8	17
3/4"	- 12	29
1"	- 16	46
1-1/4"	- 20	68
1-1/2"	- 24	125
2"	- 32	208

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Balfit[®] Hydraulic Hose Fittings



Thread Dash and Dash Sizes of Balfit[®] Connectors

**Table 3a: Thread dash for JIC (37° flared)
series 23 / 24 / P23 / P12 / P24 / P25 / 26 connectors**

Nominal Hose Size	Hose Dash	Nominal Thread	Thread Dash
3/16"	- 3	7/16" – 20	- 4
1/4"	- 4	7/16" – 20	- 4
1/4"	- 4	1/2" – 20	- 5
1/4"	- 4	9/16" – 18	- 6
5/16"	- 5	9/16" – 18	- 6
3/8"	- 6	9/16" – 18	- 6
3/8"	- 6	3/4" – 16	- 8
13/32"	- 6.5	3/4" – 16	- 8
1/2"	- 8	3/4" – 16	- 8
1/2"	- 8	7/8" – 14	- 10
5/8"	- 10	7/8" – 14	- 10
5/8"	- 10	1-1/16" – 12	- 12
3/4"	- 12	7/8" – 14	- 10
3/4"	- 12	1-1/16" – 12	- 12
3/4"	- 12	1-3/16" – 12	- 14
7/8"	- 14	1-3/16" – 12	- 14
7/8"	- 14	1-5/16" – 12	- 16
1"	- 16	1-5/16" – 12	- 16
1-1/4"	- 20	1-5/8" – 12	- 20
1-1/2"	- 24	1-7/8" – 12	- 24
2"	- 32	2-1/2" – 12	- 32

**Table 3b: Thread dash for NPT (dryseal taper)
series 23 / 24 / P23 / P12 / P24 / P25 / 26 connectors**

Nominal Hose Size	Hose Dash	Dryseal Taper Thread	Thread Dash
3/16"	-3	1/8" – 27	-2
3/16"	-3	1/4" – 18	-4
1/4"	-4	1/8" – 27	-2
1/4"	-4	1/4" – 18	-4
5/16"	-5	1/4" – 18	-4
5/16"	-5	3/8" – 18	-6
3/8"	-6	1/4" – 18	-4
3/8"	-6	3/8" – 18	-6
3/8"	-6	1/2" – 14	-8
13/32"	-6.5	3/8" – 18	-6
13/32"	-6.5	1/2" – 14	-8
1/2"	-8	3/8" – 18	-6
1/2"	-8	1/2" – 14	-8
5/8"	-10	1/2" – 14	-8
5/8"	-10	3/4" – 14	-12
3/4"	-12	3/4" – 14	-12
7/8"	-14	1" – 11.1/2"	-16
1"	-16	1" – 11.1/2"	-16
1-1/4"	-20	1-1/4" – 11.1/2"	-20
1-1/2"	-24	1-1/2" – 11.1/2"	-24
2"	-32	2" – 11.1/2"	-32

**Table 3c: Thread dash for SAE (45° flared)
series 23 / 24 / P23 / P12 / P24 / P25 / 26 connectors**

Nominal Hose Size	Hose Dash	Nominal Thread	Thread Dash
1/4"	-4	7/16" – 20	- 4
1/4"	-4	1/2" – 20	- 5
5/16"	-5	5/8" – 18	- 6
3/8"	-6	5/8" – 18	- 6
3/8"	-6	3/4" – 16	- 8
1/2"	-8	3/4" – 16	- 8
1/2"	-8	7/8" – 14	- 10
5/8"	-10	7/8" – 14	- 10
5/8"	-10	1-1/16" – 14	- 12
3/4"	-12	7/8" – 14	- 10
3/4"	-12	1-1/16" – 14	- 12

**Table 3d: Thread dash for ORFS (O-Ring Face Seal)
series 23 / 24 / P23 / P12 / P24 / P25 / 26 connectors**

Nominal Hose Size	Hose Dash	Dryseal Taper Thread	Thread Dash
1/4"	- 4	9/16" – 18	- 4
3/8"	- 6	11/16" – 16	- 6
1/2"	- 8	13/16" – 16	- 8
5/8"	- 10	1" – 14	- 10
3/4"	- 12	1-3/16" – 12"	- 12
1"	- 16	1-7/16" – 12	- 16
1-1/4"	- 20	1-11/16" – 12	- 20
1-1/2"	- 24	2" – 12	- 24

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Balfit[®] Hydraulic Hose Fittings

Thread Dash and Dash Sizes of Balfit[®] Connectors

**Table 3e: Dash size for Code 61
series 23 / 24 / P23 / P12 / P24 / 26 connectors**

Nominal Hose Size	Hose Dash	Nominal Flange Size	Flange Dash
1/2"	- 8	30,16	- 8
3/4"	- 12	38,10	- 12
1"	- 16	44,45	- 16
1-1/4"	- 20	50,80	- 20
1-1/2"	- 24	60,32	- 24
2"	- 32	71,43	- 32

**Table 3f: Dash size for Code 62
series 23 / 24 / P23 / P12 / P24 / 26 connectors**

Nominal Hose Size	Hose Dash	Nominal Flange Size	Flange Dash
1/2"	- 8	31,75	- 8
3/4"	- 12	41,27	- 12
1"	- 16	47,62	- 16
1-1/4"	- 20	53,97	- 20
1-1/2"	- 24	63,50	- 24
2"	- 32	79,37	- 32

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Balfit® Hydraulic Hose Fittings



Quick identification of hydraulic connectors

Metric Connections (ISO 8434-1)				
DIN 8434, Metric thread, 24° cone				
thread	D (mm)	d (mm)	Ø L pipe (mm)	Ø S pipe (mm)
M10 x 1,0	9,0	10,0	4	-
M12 x 1,5	10,5	12,0	6	-
M14 x 1,5	12,5	14,0	8	6
M16 x 1,5	14,5	16,0	10	8
M18 x 1,5	16,5	18,0	12	10
M20 x 1,5	18,5	20,0	-	12
M22 x 1,5	20,5	22,0	15	14
M24 x 1,5	22,5	24,0	-	16
M26 x 1,5	24,5	26,0	18	-
M30 x 2,0	28,0	30,0	22	20
M36 x 2,0	34,0	36,0	28	25
M42 x 2,0	40,0	42,0	-	30
M45 x 2,0	43,0	45,0	35	-
M52 x 2,0	50,0	52,0	42	38

JIC Connections (ISO 8434-2)			
ANSI thread, 37° flared			
thread	D (mm)	d (mm)	threads per inch
7/16"	10,00	11,07	20
1/2"	11,60	12,70	20
9/16"	13,00	14,25	18
5/8"	14,70	15,85	18
3/4"	17,60	19,00	16
7/8"	20,50	22,17	14
1-1/16"	25,00	26,95	12
1-1/16"	25,30	26,95	14
1-3/16"	27,95	30,12	12
1-5/16"	31,30	33,30	12
1-5/8"	39,20	41,22	12
1-7/8"	45,60	47,57	12
2-1/2"	61,50	63,45	12

Sizes 5/8"-18 UNF and 1-1/16"-14 UNF are 45° flared

BSP Connections (BS 5200)			
Whitworth thread, 60° cone			
thread	D (mm)	d (mm)	threads per inch
1/8"	8,60	9,73	28
1/4"	11,60	13,16	19
3/8"	15,10	16,66	19
1/2"	18,90	20,96	14
5/8"	20,90	22,91	14
3/4"	24,40	26,44	14
1"	30,60	33,25	11
1-1/4"	39,30	41,91	11
1-1/2"	45,10	47,80	11
2"	56,70	59,60	11

NPT Connections (SAE J476)		
ANSI taper thread, 60° cone		
thread	d (mm)	threads per inch
1/8"	10,00	27
1/4"	13,60	18
3/8"	17,00	18
1/2"	21,00	14
3/4"	26,00	14
1"	33,50	11-1/2"
1.1/4"	42,10	11-1/2"
1.1/2"	47,80	11-1/2"
2"	59,60	11-1/2"

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Quick identification of hydraulic connectors

Japanese Metric Connections			
JIS B 8363, Metric thread, 60° cone			
thread	D (mm)	d (mm)	pitch (mm)
M14 x 1,5	12,50	14,00	1,5
M16 x 1,5	14,50	16,00	1,5
M18 x 1,5	16,50	18,00	1,5
M22 x 1,5	20,50	22,00	1,5
M24 x 1,5	22,50	24,00	1,5
M30 x 1,5	28,50	30,00	1,5
M33 x 1,5	31,50	33,00	1,5
M42 x 1,5	40,50	42,00	1,5

Japanese Gas Connections			
JIS B 8363, Whitworth thread, 60° cone			
thread	D (mm)	d (mm)	threads per inch
1/8"	8,60	9,73	28
1/4"	11,60	13,16	19
3/8"	15,10	16,66	19
1/2"	18,90	20,96	14
5/8"	20,90	22,91	14
3/4"	24,40	26,44	14
1"	30,60	33,25	11
1-1/4"	39,30	41,91	11
1-1/2"	45,10	47,80	11
2"	56,70	59,60	11

ORFS Connections (ISO 8434-3)			
ANSI thread, flat face (male with o-ring groove)			
threads	d (mm)	D (mm)	threads per inch
9/16"	12,70	14,28	18
11/16"	15,87	17,46	16
13/16"	19,05	20,63	16
1"	23,81	25,40	14
1.3/16"	27,78	30,16	12
1.7/16"	34,13	36,51	12
1.11/16"	40,48	42,86	12
2"	48,41	50,80	12

Split Flanges (SAE J518)				
code 61 (3000 PSI) & 62 (6000 PSI)				
DN	D (mm)	w (mm)	D (mm)	w (mm)
	code 61 - 3000 PSI		code 62 - 6000 PSI	
1/2"	30,16	38,10	31,75	40,48
3/4"	38,10	47,62	41,27	50,80
1"	44,45	52,38	47,62	57,15
1-1/4"	50,80	58,73	53,97	66,67
1-1/2"	60,32	69,85	63,50	79,37
2"	71,43	77,78	79,37	96,83

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Thread Codes

thread code	NPT	ORFS	JIC / SAE UN / UNF	METRIC	BSP
02	1/8" – 27				1/8" – 28
04	1/4" – 18	9/16" – 18	7/16" – 20		1/4" – 19
05			1/2" – 20		
06	3/8" – 18	11/16" – 16	9/16" – 18		3/8" – 19
07			5/8" – 18		
08	1/2" – 14	13/16" – 16	3/4" – 16		1/2" – 14
10		1" – 14	7/8" – 14	M10 x 1,0	5/8" – 14
12	3/4" – 14	1.3/16" – 14	1.1/16" – 12	M12 x 1,5	3/4" – 14
14			1.3/16" – 12	M14 x 1,5	
16	1" – 11.1/2	1.7/16" – 12	1.5/16" – 12	M16 x 1,5	1" – 11
18				M18 x 1,5	
20	1.1/4" – 11.1/2	1.11/16" – 12	1.5/8" – 12	M20 x 1,5	1.1/4" – 11
22				M22 x 1,5	
24	1.1/2" – 11.1/2	2" – 12	1.7/8" – 12	M24 x 1,5	1.1/2" – 11
26				M26 x 1,5	
30				M30 x 2,0	
32	2" – 11.1/2		2.1/2" – 12		2" – 11
36				M36 x 2,0	
42				M42 x 2,0	
45				M45 x 2,0	
52				M52 x 2,0	

Flange Codes

flange code	flange 61 code 3000 PSI	flange 62 code 6000 PSI
08	1/2" – 30,2 mm	1/2" – 31,7 mm
10	5/8" – 34,0 mm	
12	3/4" – 38,1 mm	3/4" – 41,3 mm
16	1" – 44,5 mm	1" – 47,6 mm
20	1.1/4" – 50,8 mm	1.1/4" – 54,0 mm
24	1.1/2" – 60,3 mm	1.1/2" – 63,5 mm
32	2" – 71,4 mm	2" – 79,4 mm

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