



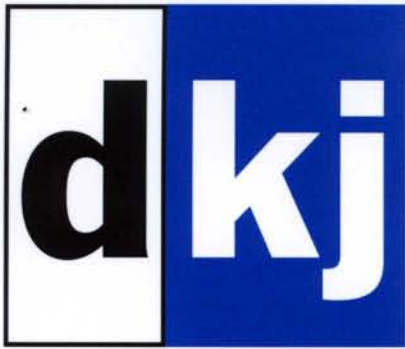
D K Jones Limited

Piping Products

**Suppliers of
Pipes, Fittings and Flanges
in Carbon, Alloy and
Stainless Material**

www.dkjones.com





D K Jones Limited

Piping Products

International Suppliers of Piping
and Associated Products

PROJECT / EXPORT SALES OFFICE

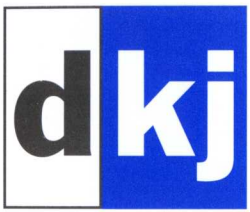
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www.dkjones.com



D K Jones Limited Piping Products

Suppliers of Pipes, Fittings and Flanges in Carbon, Alloy and Stainless Material



Pipe Dimensions and Weights

Nominal Bore	O/D	Schedule / Designation	Wall Thickness	Weight
Inch & mm		ANSI / ASME	inch mm	Lbs/Ft Kg/Mtr
1/4 8	0.54 13.7	10/10S	0.065 1.65	0.33 0.49
		STD/40/40S	0.088 2.24	0.43 0.63
		XS/80/80S	0.119 3.02	0.54 0.80
3/8 10	0.675 17.1	10/10S	0.065 1.65	0.42 0.63
		STD 40/40S	0.091 2.31	0.57 0.84
		XS 80/80S	0.126 3.20	0.74 1.10
1/2 15	0.84 21.3	5/5S	0.065 1.65	0.54 0.80
		10/10S	0.083 2.11	0.67 1.00
		STD 40/40S	0.109 2.77	0.85 1.27
		XS 80/80S	0.147 3.73	1.09 1.62
		160	0.188 4.78	1.31 1.95
		XXS	0.294 7.47	1.72 2.55
3/4 20	1.05 26.7	5/5S	0.065 1.65	0.69 1.03
		10/10S	0.083 2.11	0.86 1.28
		STD/40/40S	0.113 2.87	1.13 1.69
		XS/80/80S	0.154 3.91	1.48 2.20
		160	0.219 5.56	1.95 2.90
		XXS	0.308 7.82	2.44 3.64
1 25	1.315 33.4	5/5S	0.065 1.65	0.87 1.29
		10/10S	0.109 2.77	1.41 2.09
		STD/40/40S	0.133 3.38	1.68 2.50
		XS/80/80S	0.179 4.55	2.17 3.24
		160	0.250 6.35	2.85 4.24
		XXS	0.358 9.09	3.66 5.45
1.1/4 32	1.66 42.2	5/5S	0.065 1.65	1.11 1.65
		10/10S	0.109 2.77	1.81 2.69
		STD/40/40S	0.140 3.56	2.27 3.39
		XS/80/80S	0.191 4.85	3.00 4.47
		160	0.250 6.35	3.77 5.61
		XXS	0.382 9.70	5.22 7.77
1.1/2 40	1.9 48.3	5/5S	0.065 1.65	1.28 1.90
		10/10S	0.109 2.77	2.09 3.11
		STD/40/40S	0.145 3.68	2.72 4.05
		XS/80/80S	0.200 5.08	3.63 5.41
		160	0.281 7.14	4.86 7.25
		XXS	0.400 10.16	6.41 9.55
2 50	2.375 60.3	5/5S	0.065 1.65	1.61 2.39
		10/10S	0.109 2.77	2.64 3.93
		STD/40/40S	0.154 3.91	3.66 5.44
		XS/80/80S	0.218 5.54	5.03 7.48
		160	0.344 8.74	7.47 11.11
		XXS	0.436 11.07	9.04 13.44
2.1/2 65	2.875 73	5/5S	0.083 2.11	2.48 3.69
		10/10S	0.120 3.05	3.53 5.26
		STD/40/40S	0.203 5.16	5.80 8.63
		XS/80/80S	0.276 7.01	7.67 11.41
		160	0.375 9.53	10.02 14.92
		XXS	0.552 14.02	13.71 20.39

Nominal Bore	O/D	Schedule / Designation	Wall Thickness	Weight
Inch & mm		ANSI / ASME	inch mm	Lbs/Ft Kg/Mtr
3 80	3.5 88.9	5/5S	0.083 2.11	3.03 4.52
		10/10S	0.120 3.05	4.34 6.46
		STD/40/40S	0.216 5.49	7.58 11.29
		XS/80/80S	0.300 7.62	10.26 15.27
		160	0.438 11.13	14.34 21.35
		XXS	0.600 15.24	18.60 27.68
3.1/2 90	4 101.6	5/5S	0.083 2.11	3.48 5.18
		10/10S	0.120 3.05	4.98 7.41
		STD 40/40S	0.226 5.74	9.12 13.57
		XS 80/80S	0.318 8.08	12.52 18.64
		160	0.438 11.13	19.02 28.32
		XXS	0.531 13.49	22.53 33.54
4 100	4.5 114.3	5/5S	0.083 2.11	3.92 5.84
		10/10S	0.120 3.05	5.62 8.37
		STD 40/40S	0.237 6.02	10.80 16.08
		XS 80/80S	0.337 8.56	15.00 22.32
		120	0.438 11.13	19.02 28.32
		160	0.531 13.49	22.53 33.54
5 125	5.563 141.3	XXS	0.674 17.12	27.57 41.03
		5/5S	0.109 2.77	6.36 9.46
		10/10S	0.134 3.40	7.78 11.56
		STD 40/40S	0.258 6.55	14.63 21.77
		XS 80/80S	0.375 9.53	20.80 30.97
		120	0.500 12.70	27.06 40.28
6 150	6.625 168.3	160	0.625 15.88	32.99 49.12
		XXS	0.750 19.05	38.59 57.43
		5/5S	0.109 2.77	7.59 11.31
		10/10S	0.134 3.40	9.30 13.83
		STD 40/40S	0.280 7.11	18.99 28.26
		XS 80/80S	0.432 10.97	28.60 42.56
8 200	8.625 219.1	120	0.562 14.27	36.43 54.21
		160	0.719 18.26	45.39 67.57
		XXS	0.864 21.95	53.21 79.22
		5/5S	0.109 2.77	9.92 14.78
		10/10S	0.148 3.76	13.41 19.97
		20	0.250 6.35	22.38 33.32
10 250	10.75 273.1	30	0.277 7.04	24.72 36.82
		STD/40/40S	0.322 8.18	28.58 42.55
		60	0.406 10.31	35.67 53.09
		XS/80/80S	0.500 12.70	43.43 64.64
		100	0.594 15.09	51.00 75.92
		120	0.719 18.26	60.77 90.44
12 300	12.75 323.9	140	0.812 20.62	100.93
		XXS	0.875 22.23	127.49
		160	0.906 23.01	111.27
		5/5S	0.109 2.77	9.92 14.78
		10/10S	0.148 3.76	13.41 19.97
		20	0.250 6.35	22.38 33.32
14 350	14.356 365.8	30	0.277 7.04	24.72 36.82
		STD/40/40S	0.322 8.18	28.58 42.55
		60	0.406 10.31	35.67 53.09
		XS/80/80S	0.500 12.70	43.43 64.64
		100	0.594 15.09	51.00 75.92
		120	0.719 18.26	60.77 90.44
16 400	16.406 416.4	140	0.812 20.62	100.93
		XXS	0.875 22.23	127.49
		160	0.906 23.01	111.27
		5/5S	0.109 2.77	9.92 14.78
		10/10S	0.148 3.76	13.41 19.97
		20	0.250 6.35	22.38 33.32
18 450	18.457 467.2	30	0.277 7.04	24.72 36.82
		STD/40/40S	0.322 8.18	28.58 42.55
		60	0.406 10.31	35.67 53.09
		XS/80/80S	0.500 12.70	43.43 64.64
		100	0.594 15.09	51.00 75.92
		120	0.719 18.26	60.77 90.44
20 500	20.508 518.1	140	0.812 20.62	100.93
		XXS	0.875 22.23	127.49
		160	0.906 23.01	111.27
		5/5S	0.109 2.77	9.92 14.78
		10/10S	0.148 3.76	13.41 19.97
		20	0.250 6.35	22.38 33.32
24 600	24.609 619.6	30	0.277 7.04	24.72 36.82
		STD/40/40S	0.322 8.18	28.58 42.55
		60	0.406 10.31	35.67 53.09
		XS/80/80S	0.500 12.70	43.43 64.64
		100	0.594 15.09	51.00 75.92
		120	0.719 18.26	60.77 90.44
30 750	30.762 771.2	140	0.812 20.62	100.93
		XXS	0.875 22.23	127.49
		160	0.906 23.01	111.27
		5/5S	0.109 2.77	9.92 14.78
		10/10S	0.148 3.76	13.41 19.97
		20	0.250 6.35	22.38 33.32
36 900	36.914 914.4	30	0.277 7.04	24.72 36.82
		STD/40/40S	0.322 8.18	28.58 42.55
		60	0.406 10.31	35.67 53.09
		XS/80/80S	0.500 12.70	43.43 64.64
		100	0.594 15.09	51.00 75.92
		120	0.719 18.26	60.77 90.44
40 1000	40.101 1016	140	0.812 20.62	100.93
		XXS	0.875 22.23	127.49
		160	0.906 23.01	111.27
		5/5S	0.109 2.77	9.92 14.78
		10/10S	0.148 3.76	13.41 19.97
		20	0.250 6.35	22.38 33.32

Nominal Bore	O/D	Schedule / Designation	Wall Thickness		Weight	
Inch & mm		ANSI / ASME	inch	mm	Lbs/Ft	Kg/Mtr
10 250	10.75 273.1	5/5S	0.134	3.40	15.21	22.61
		10/10S	0.165	4.19	18.67	27.78
		20	0.250	6.35	28.06	41.76
		30	0.307	7.80	34.27	51.01
		STD/40/40S	0.365	9.27	40.52	60.29
		XS/60/80S	0.500	12.70	54.79	81.53
		80	0.594	15.09	64.49	95.98
		100	0.719	18.26	77.10	114.71
		120	0.844	21.44	89.38	133.01
		140/XXS	1.000	25.40	104.23	155.10
12 300	12.75 323.9	160	1.125	28.58	115.75	172.27
		5/5S	0.156	3.96	21.00	31.24
		10/10S	0.180	4.57	24.19	35.98
		20	0.250	6.35	33.41	49.71
		30	0.330	8.38	43.81	65.19
		STD/40S	0.375	9.53	49.61	73.86
		40	0.406	10.31	53.57	79.71
		XS/80S	0.500	12.70	65.48	97.44
		60	0.562	14.27	73.22	108.93
		80	0.688	17.48	88.71	132.05
14 350	14.356 365.6	100	0.844	21.44	107.42	159.87
		120/XXS	1.000	25.40	125.61	186.92
		140	1.125	28.58	139.81	208.08
		160	1.312	33.32	160.42	238.69
		5/5S	0.156	3.96	23.09	34.34
		10S	0.188	4.78	27.76	41.36
		10	0.250	6.35	36.75	54.69
		20	0.312	7.92	45.65	67.91
		STD/30/40S	0.375	9.53	54.62	81.33
		40	0.438	11.13	63.50	94.55
16 400	16.406 406.4	XS/80S	0.500	12.70	72.16	107.40
		60	0.594	15.09	85.13	126.72
		80	0.750	19.05	106.23	158.11
		100	0.938	23.83	130.98	194.98
		120	1.094	27.79	150.93	224.66
		140	1.250	31.75	170.37	253.58
		160	1.406	35.71	189.29	281.72
		10S	0.188	4.78	31.78	47.34
		10	0.250	6.35	42.09	62.65
		20	0.312	7.92	52.32	77.83
16 400	16 406.4	STD/30/40S	0.375	9.53	62.64	93.27
		XS/40/80S	0.500	12.70	82.85	123.31
		60	0.656	16.66	107.60	160.13
		80	0.844	21.44	136.74	203.54
		100	1.031	26.19	164.98	245.57
		120	1.219	30.96	192.61	286.66
		140	1.438	36.53	223.85	333.21
		160	1.594	40.49	245.48	365.38



D K Jones Limited Piping Products

Suppliers of Pipes, Fittings and Flanges in Carbon, Alloy and Stainless Material



Seamless Pipe

A106B / API 5L Gr B	1/2" to 24" All Schedules.
A333 Gr 6	1/2" to 24" All Schedules.
A335 Gr P5	1/2" to 12" All Schedules.
A335 Gr P11	1/2" to 16" All Schedules.
A335 Gr P22	1/2" to 16" All Schedules.

24 hour cutting service available.

Buttweld Fittings

A234 WPB	1/2" to 24" All Schedules.
A420 WPL6/WPHY52	1/2" to 24" All Schedules.
A234 WP5	1/2" to 24" All Schedules.
A234 WP11	1/2" to 24" All Schedules.
A234 WP22	1/2" to 24" All Schedules.
BS 1965	1/2" to 12" Medium & Heavy weight.

Flanges

A105N & A350 LF2	1/2" to 24" 150lb & 300lb RF.
A105N & A350 LF2	1/2" to 18" 600lb RF & RTJ.
A105N & A350 LF2	1/2" to 16" 900/1500/2500lb RF & RTJ.
BS 4504	1/2" to 24" Forged & Plate.
BS10	1/2" to 16" Forged & Plate.

Branch Outlet Fittings

A full range in all grades of material (including Stainless Steel).

Forged Fittings

A full range in all grades of material (including Stainless Steel).

Solid Forgings

A182 F11, F5 & F22 – to produce up to 2½" forged fittings.

Swage & Barrel Nipples

A106B / A333 Gr 6 - 1/2" to 4" All Schedules.

Rigid Sprinkler Olets

A full range of sizes.

Stud bolts and Gaskets

A full range to compliment our flange stock.

In addition to the listed grades we can also offer a full range of pipe, fittings & flanges in the following materials based on longer lead times.

Carbon & Low Temp Steel

A106 Gr C, WPC, A333 Gr 3, WPL3, LF3.

Alloy Steel

A335 P9, WP9, F9, A335 P91, WP91, F91.

High Yield Steel

WPHY42, X42, F42, WPHY46, X46, F46, WPHY52, X52, F52, WPHY60, X60, F60, WPHY65, X65, F65.

Stainless Steels and Nickel Alloys

We are also able to offer a range of items from stock or forward delivery in standard and special Stainless Steels and Nickel Alloys.

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Email: uksales@dkjones.com

www.dkjones.com

Export Sales: +44 (0)1789 772111

Email : sales@dkjones.com



Products and Services

Materials

DK Jones is able to supply a comprehensive range of materials including:

- Low Temperature Steels
- Chrome Molybdenum Steels
- Carbon Steels
- Stainless Steels
- Duplex Stainless Steels
- Nickel Alloys
- Copper Alloys
- High Yield Steels
- Aluminium Alloys
- Plastics

Product Forms

We are able to provide a wide range of product forms and items including:

- Seamless and Welded Pipe
- Seamless and Welded Tube
- Butt Weld Fittings
- Forged Flanges
- Forged Fittings
- Branch Outlet & Sprinkler Outlet Fittings
- Valves and Accessories
- Flat Products
- Bar Products
- Stud Bolts, Nuts and Gaskets
- Special Fabricated Items

Works Facilities

Within our Middlesbrough complex which covers 15,000 sq. Mtr. we have the capacity to offer the following additional facilities:

- Cutting
- Beveling
- Grinding
- Machining
- Flange Facing
- Threading
- CNC Machining
- Taper Boring
- Non Destructive Testing
- Destructive Testing
- Export Packing
- Third Party Inspection

A Total Service

Whether your demand is for a single item for an urgent maintenance requirement or for a complex package of materials **DK Jones** will ensure that all commercial, technical and delivery conditions are fully in accordance with your specific requirements.

Project

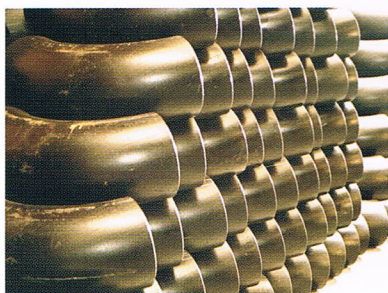
Management

For many years we have serviced an increasing number of international projects for a range of industries.

In addition to our wide ranging stocks **DK Jones** has developed long term relationships with many major material manufacturers enabling us to provide competitive offers for many non stocked materials and provide a cost effective single source for your total project requirements.

Quality

DK Jones quality system is fully approved in accordance with the specification BS EN ISO 9001: 2008 and certified by Lloyds Register Quality Assurance under certificate No. LRQ 0937355. In addition to this we have many specific customer approvals.



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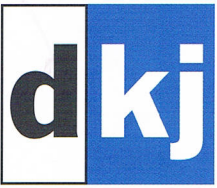
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DK Jones Limited Piping Products

International Suppliers of Piping and Associated Products

DK Jones provides materials for clients both small and large in the Oil, Gas, Power, Chemical and Petrochemical sectors worldwide.

Founded in 1983, initially to represent major western European manufacturers in the U.K., the company has grown to become a regular supplier to a wide range of U.K. customers and a leading provider to many overseas fabricators, stockists and trading companies.

With stock levels of over 4,000 tonnes of prime quality fully certified material and support from many leading manufacturers **DK Jones** is able to supply a wide range of products either from stock or on short delivery times.

A "same day" machining service is available on a wide range of semi finished stock ensuring a very quick delivery time for many "non standard" items.

"Small orders" are no problem to us and we are normally able to despatch urgent items the same day by courier service or airfreight.

For quick deliveries from new customers we are happy to accept Credit Card payments.

Whether you require one single fitting NOW or a complete package of materials with a scheduled delivery time **DK Jones** are happy to help you.



Chemical Symbols

Symbol	Element	Symbol	Element
Al	Aluminium	N	Nitrogen
Ar	Argon	Nb	Niobium
As	Arsenic	Ni	Nickel
B	Boron	O	Oxygen
Be	Beryllium	P	Phosphorus
Bi	Bismuth	Pb	Lead
C	Carbon	S	Sulphur
Ca	Calcium	Sb	Antimony
Cb	Columbium	Se	Selenium
Cd	Cadmium	Si	Silicon
Co	Cobalt	Sn	Tin
Cr	Chrome	Ta	Tantalum
Cu	Copper	Th	Thorium
Fe	Iron	Ti	Titanium
H	Hydrogen	V	Vanadium
Li	Lithium	W	Tungsten
Mg	Magnesium	Zn	Zinc
Mn	Manganese	Zr	Zirconium
Mo	Molybdenum		

Carbon Equivalent

Long Formula	$C.E. = C + \frac{Mn}{6} + \frac{Cr + Mo + V}{5} + \frac{Ni + Cu}{15}$
Short Formula	$C.E. = C + \frac{Mn}{6}$

Useful Data

From	To	Formula
Inches	Millimetres	x 25.4
Feet	Metres	x 0.3048
Square feet	Square metres	x 0.0929
Pounds	Kilograms	x 0.4536
Pounds per foot	Kgs per metre	x 1.488
Pounds per square inch	Kgs per square cm	x 0.07031
MPA (Mega Pascal)	Newtons per square mm	x 1
Pounds per square inch	Atmospheres	x 0.06804
Pounds per square inch	Newtons per square mm	x 0.0069
Cubic feet	Cubic metres	x 0.02832
Gallons	Litres	x 4.546
Cubic inches	Cubic cms	x 16.39
Pounds per square inch	MPA (Mega Pascal)	x 0.0069
KSI	MPA (Mega Pascal)	x 6.894
Atmospheres	Pounds per square inch	x 14.7
Centigrade	Fahrenheit	(C) x 9 ÷ 5 + 32
Fahrenheit	Centigrade	(F) - 32 ÷ 9 x 5

Weight of steel pipe / tube

$$(D-t) \times t \times 0.02466 = \text{Kg/Mtr.}$$

$$D = O/D \text{ in mm}$$

$$t = \text{thickness in mm}$$

