



# EN 10241 Fittings

*En 10241 Fittings Are Usually Degreased And Protected With A Coating Of Light Oil. Black Mild Steel En 10241 Fittings Specifies Needs For Screw En 10241 Steel Threaded Pipe Fittings Of Nominal Sizes From Dn 6 To Dn 150 Inclusive.*



## **RAJVEER STAINLESS AND ALLOYS**

MANUFACTURE AND SUPPLIER OF PIPES / FITTINGS / FASTNERS  
ISO 9001, 14001 : 2015 OHS 18001:2007 & PED 2014 / 68 / EU

### Pressure Rating Of EN 10241 Fittings

Temperature Ratings		Pressure Class			
		150	300		
			1/4 - 1 inch.	1 1/4 - 2 inch.	2 1/2 - 3 inch.
(°F)	(°C)				
-20 to 150	-29 to 66	300	2000	1500	1000
200	93	265	1785	1350	910
250	121	225	1575	1200	825
300	149	185	1360	1050	735
350	177	150	1150	900	650
400	204	-	935	750	560
450	232	-	725	600	475
500	260	-	510	450	385
550	288	-	300	300	300

### Dimension Table Of BS EN 10241 Pipe Fittings And EN 10241 Steel Threaded Pipe Fittings Specification Format.

*European Standard En 10241 Fittings Have Been Used Over Many Decades As A Strong And Reliable Method Of Connecting Pipe Used To Convey Air And Steam. We Also Offer Bs En 10241 Pipe Fittings Are Available In Different Grades, Size.*

## BS EN 10241 Pipe Fittings Dimension

NPS	Outside Daimeter	Length	Outside Daimeter	Leng th
DN	A millimeter	B millimeter	C millimeter	D millimeter
6	15.0	17	15.0	8
8	18.5	25	18.5	11
10	21.3	26	21.3	12
15	26.6	34	26.6	15
20	31.8	36	31.8	17
25	39.5	43	39.5	20
32	48.3	48	48.3	22
40	54.5	48	54.5	22
50	66.2	56	68.0	26
65	82.0	65	84.2	30
80	95.0	71	98.4	34
100	121.4	83	124.0	40
125	146.3	92	149.0	44
150	173.3	92	177.0	44



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## EN 10241 Standard Specification

**Specification:** ASME B16.9 Fittings

**Materials:** Nickel, Inconel, Monel, Hastalloy, Alloy Steel, Carbon Steel, Titanium, Tantalum, Stainless Steel,

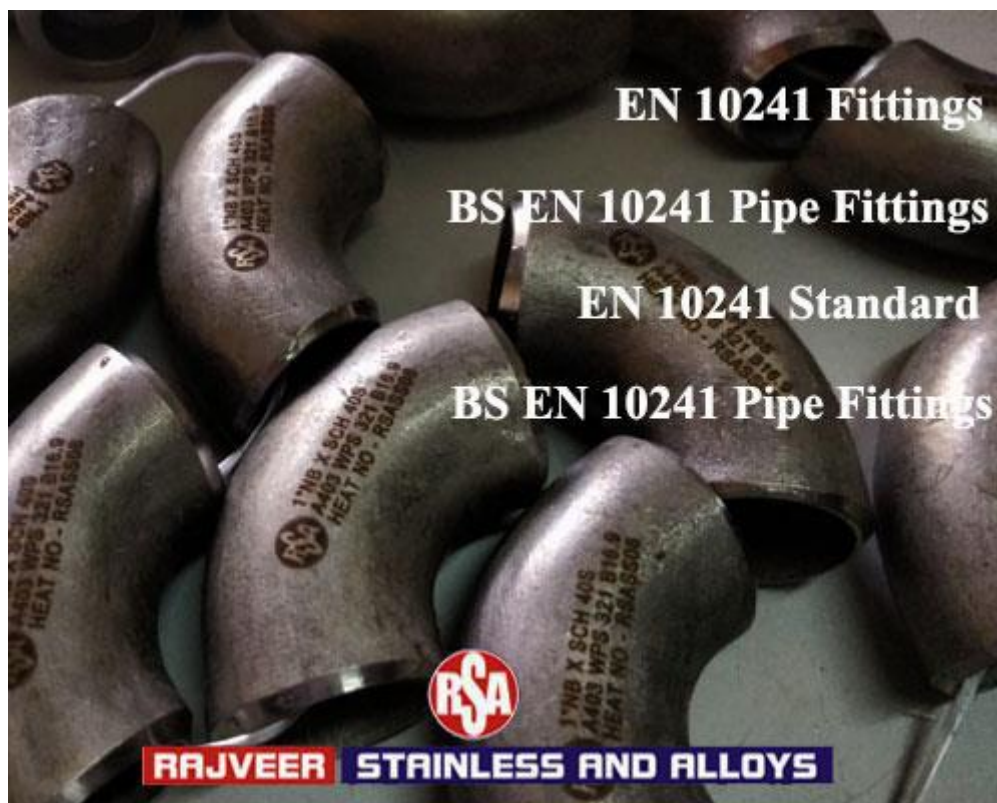
**Type:** Butt Weld (BW)

**Sizes:** Wall Thickness – from 2 to 40 mm./ Diameters – from 21,3 to 711 mm.

**Thickness:** Schedule 5S, 20S, S10, S20, S30, 10S, S80, S100, S120, STD, 40S, S40, S60, XS, 80S, S140.

**Schedule:** Sch 5 TO Sch XXS.

**Dimension:** ANSI B16.28, MSS-SP-43 Type A, JIS B2312, ANSI B16.9, MSS-SP-43 Type B, JIS B2313





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## EN 10241 Steel Threaded Pipe Fittings Size Chart

<i>DN</i>	<i>NPS</i>	<b>O.D. (mm)</b>
6	1/8	10.3
8	1/4	13.7
10	3/8	17.1
15	1/2	21.3
20	3/4	26.7
25	1	33.4
32	1 1/4	42.2
40	1 1/2	48.3
50	2	60.3
65	2 1/2	73.0
80	3	88.9
100	4	114.3
125	5	139.7
150	6	168.3



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### **Chemical Composition Of European Standard EN 10241 Fittings And Mechanical Strength Of Black Mild Steel EN 10241 Fittings.**

#### **Chemical Composition**

<b>C Maximum %</b>	<b>S Maximum %</b>	<b>P Maximum%</b>
<b>0.25</b>	<b>0.35</b>	<b>0.09</b>

#### **Mechanical Strength**

<b>Tensile Strength Minimum N/MM</b>	<b>Elongation Minimum %</b>
<b>320</b>	<b>20</b>

