IBR Approved

EN 10241

Armech Alloys	IBR Approved	Manufacturer in India
Email: armechalloys@gmail.com **Website**: https://www.armechalloys.com	**Address**: Office No.21, 6th Kumbharwada, Mumbai-400004. (India)	ARMECH ALLOYS

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EN 10241 (European Standard) threaded fittings made from seamless or welded pipe & tubes. These standard available in DN6 to DN150. EN 10241 provide tapered male thread used in liquid transportation. EN 10241 socket piece of short pipe, with full length inner female thread. BS EN 10241 pipe fittings available in stainless steel, mild steel and hot dip galvanized. These fittings have hot dip galvanising and zinc coatings.

Specification Of EN 10241 Socket as per European Standard

EN 10241 Specification

Standard EN 10241	Size DN6 To DN150	Material Stainless Steel Mild Steel Hot Dip Galvanized
Threaded BSP End	Type Nipple & Elbow Coupling & Tee Union	Pressure PN25
Coating Zinc Coating	Fabricated Fittings 75 Bar	Seamless Fittings 150 Bar

BS EN 10241 Pipe Fittings Made From Seamless or Welded Pipe

Raw Material for BS EN 10241 Pipe Fittings

EN 10241 Elbow for Low Pressure Steam Systems

https://www.armechalloys.com

Thread Designation of EN 10241 Fittings

Nominal Diameter	Nominal Pipe Size
DN6	1/8
DN8	1/4
DN10	3/8
DN15	1/2
DN20	3/4
DN25	1
DN32	1 1/4
DN40	1 1/2
DN50	2
DN65	2 1/2
DN80	3
DN100	4
DN125	5
DN150	6

EN 10241 Material

- Stainless Steel
- Mild Steel
- Hot Dip Galvanized

Learn About Pressure Rating of EN 10241 Coupling

EN 10241 Pressure Rating

- Maximum operating pressure = 25 Bar
- Maximum temperature = 230°C

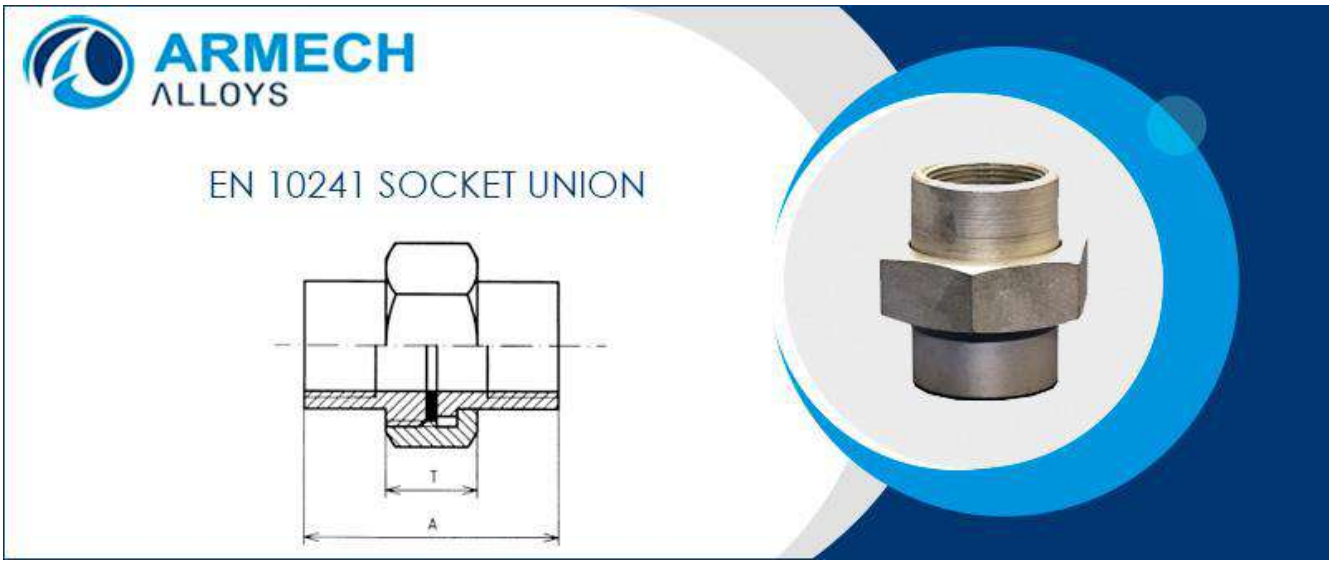
EN 10241 Fittings Dimensions in Half Socket, Nipple and Union as per DN6 To DN150

EN 10241 Socket Dimensions

Size	D	Pressure	L
1/8	14,0	PN40	17
1/4	18,5	PN40	25
3/8	21,5	PN40	26
1/2	26,5	PN40	34

3/4	31,8	PN40	36
1	39,5	PN40	43
1 1/4	48,3	PN20	48
1 1/2	54,5	PN20	48
2	66,3	PN20	56
2 1/2	82,0	PN16	65
3	95,0	PN16	71
4	122,0	PN16	83

EN 10241 Union Dimensions



Size	Overall Length (A) MM	Length of Out (T) MM
DN6	37	15
DN8	40	15
DN10	46	16
DN15	51	18
DN20	57	20
DN25	64	22

DN32	70	24
DN40	79	25
DN50	89	27
DN65	102	30
DN80	107	31
DN100	118	34

EN 10241 Welding Nipple Dimensions

Size	L (MM)	E (Inch)	D3 (MM)	D1 (MM)
10	30	1/8	10	6
13.5	30	1/4	13.5	8.9
21.3	35	1/2	21.3	16.1
17.2	30	3/8	17.2	12.6
26.9	40	3/4	26.9	21.7
33.7	40	1	33.7	27.3
42.4	50	1 1/4	42.4	36

48.3	50	1 1/2	48.3	41.9
60.3	50	2	60.3	53.1
76.1	60	2 1/2	76.1	68.9
88.9	70	3	88.9	80.9
114.3	80	4	114.3	106.3

Chemical Composition of EN 10241 Seamless Fittings

C (Max.)	S (Max.)	P (Max.)
0.25%	0.35%	0.09%

Chemical Composition of EN 10241 Fabricated Fittings

C (Max.)	Mn (Max.)	P (Max.)	S (Max.)
0.25%	1.40%	0.045%	0.045%