IBR Approved

DIN 3852

Armech Alloys	IBR Approved	Manufacturer in India
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TABLE OF CONTENTS

DIN 3852 Standard Specification 3

Connection Type 3

Maximum Operating Pressure 3

Maximum Operating Temperature 3

Standard 3

Form 3

Thread Of DIN 3852-02 Type 4

DIN 3852 Type E 4

Male & Female Thread of DIN 3852 Fittings 5-6

DIN 3852 Hollow Hex Plug Dimensions 7

DIN 3852 Type B Male Stud Coupling Weight 8

DIN 3852 Fittings are commonly used for compression couplings. DIN 3852 standard cover types, dimensions, and designation of DIN 3852 stud ends for valves, and plug. DIN 3852 is available in Type A, Type B, and Type E. DIN 3852 Type B creates a sharp “cutting face”. DIN 3852 Type A & B male and female couplings have straight threads. DIN 3852 Type B Stud ends are commonly used only with metal-to-metal sealing. DIN 3852 Type E stud ends are commonly used with elastomeric sealing.

DIN 3852 Standard Specifications

DIN 3852 Standard Specification

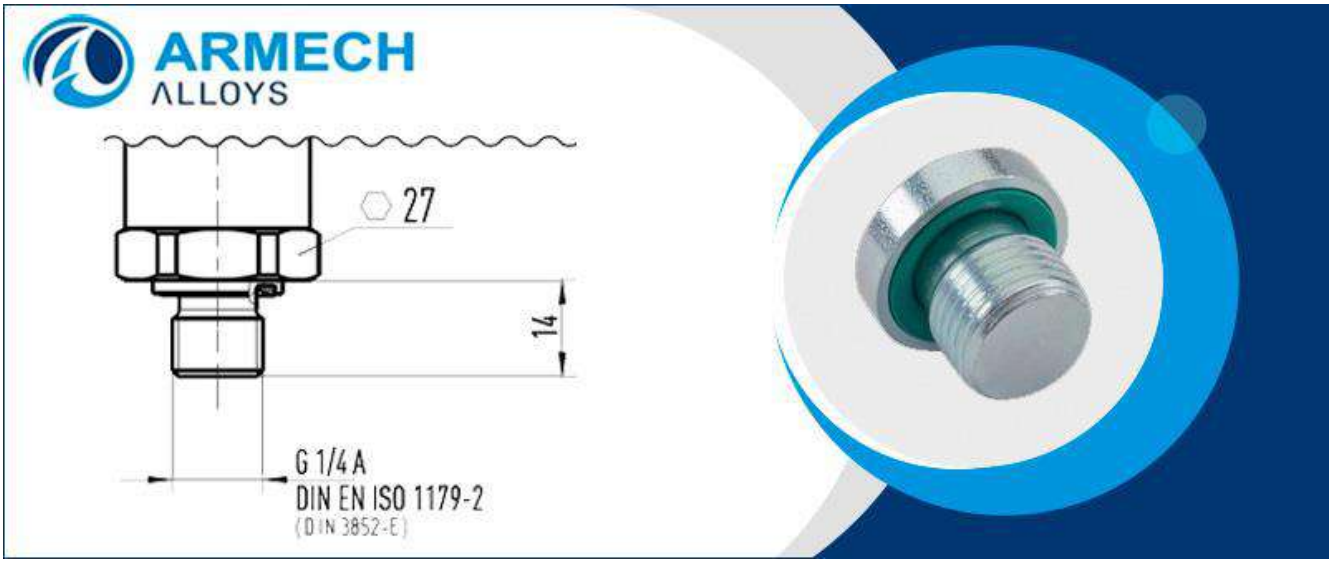
Standard DIN 3852	Connection Female Thread Male Thread	Thread BSPP
Operating Pressure UP To 300 Bar (Max.)	Operating Temperature 110 Deg C	Form DIN 3852 Type A DIN 3852 Type B DIN 3852 Type E

DIN 3852 Type A & B Fittings in BSPP Male & Female Thread

Thread Of DIN 3852-02 Type

- BSPP Thread

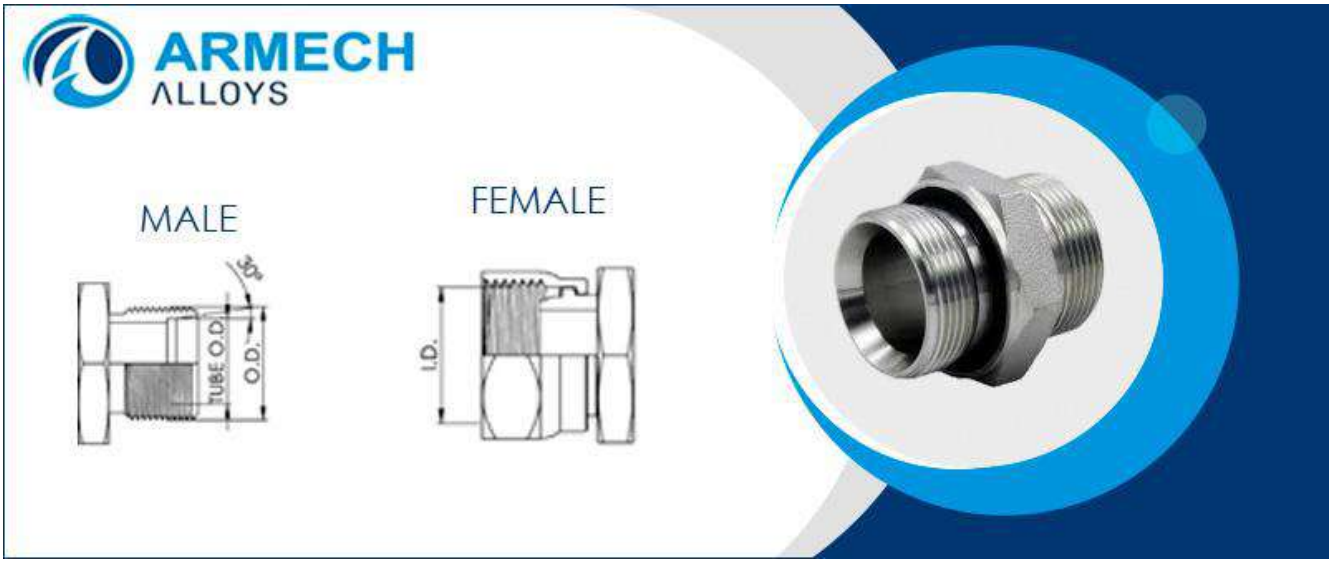
DIN 3852 Type E



Find Complete Information About DIN 3852 Plug Dimension

https://www.armechalloys.com

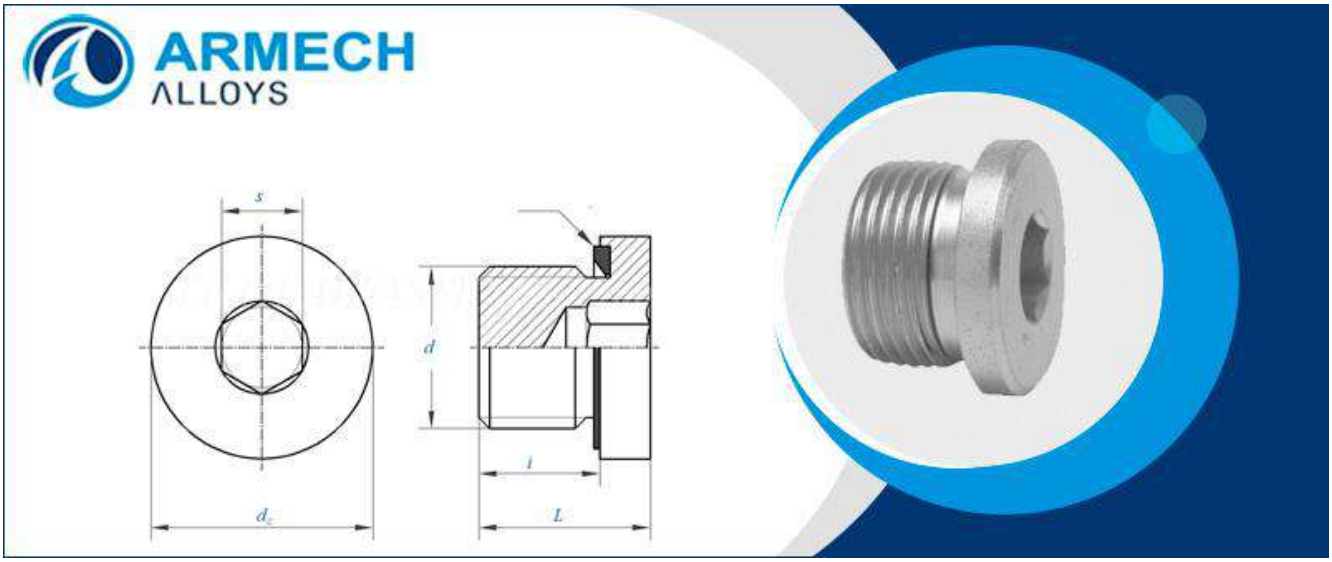
Male & Female Thread of DIN 3852 Fittings



-	HEAVY SERIES				
Male Thread Pitch & O.D.	**Female Thread Inner Diameter**	**Outside Diameter of Tube**	**Size Of Dash**	**D2 Diameter**	**D1 Diameter**
MM	MM		MM	MM	MM
1.5 x M12	10.5	-	-	-	-
1.5 x M14	12.5	6	-1415	6.3	7.5
1.5 x M16	14.5	8	-1615	7.9	9.5
1.5 x M18	16.5	10	-1815	10.0	12.0
1.5 x M20	18.5	12	-2015	12.0	14.0
1.5 x M22	20.5	14	-2215	14.2	16.0
1.5 x M24	22.5	16	-2415	15.8	18.0
1.5 x M26	24.5	-	-	-	-
2.0 x M30	28.0	20	-3020	19.8	22.5
2.0 x M36	34.0	25	-3620	24.5	27.5
2.0 x M42	40.0	30	-4220	30.0	33.0
2.0 x M45	43.0	-	-	-	-
2.0 x M52	50.0	38	-5220	36.8	41.0

-	LIGHT SERIES				
Male Thread Pitch & O.D.	**Female Thread Inner Diameter**	**Size Of Dash**	**Outside Diameter of Tube**	**D2 Diameter**	**D1 Diameter**
MM	MM		MM	MM	MM
1.5 x M12	10.5	-1215*	6	6.3	7.5
1.5 x M14	12.5	-1415*	8	8.2	9.5
1.5 x M16	14.5	-1615*	10	10.2	11.5
1.5 x M18	16.5	-1815*	12	12.2	14.0
1.5 x M20	18.5	-	-	-	-
1.5 x M22	20.5	-2215*	15	15.2	17.0
1.5 x M24	22.5	-	-	-	-
1.5 x M26	24.5	-2615*	18	18.2	20.0
2.0 x M30	28.0	-3020	22	22.2	24.5
2.0 x M36	34.0	-3620	28	28.2	30.5
2.0 x M42	40.0	-	-	-	-
2.0 x M45	43.0	-4520	35	35.4	38.0
2.0 x M52	50.0	-5220	42	42.4	45.0

DIN 3852 Hollow Hex Plug Dimensions



Thread Size (D)	dc (mm)	i (mm)	L min. (mm)	s (mm)
1/8	13.9	8	9.5	5
1/4	18.9	12	14	6
3/8	21.9	12	14.5	8
1/2	26.9	14	17	10
3/4	31.9	16	19	12
1	39.9	18	21	17
1 1/4	49.9	20	23	22
1 1/2	54.9	22	25	24

DIN 3852 Type B Male Stud Coupling Weight

Thread Size	Weight in KG
12x1.5	2.5
14x1.5	4.5
14x1.5	5.5
14x1.5	5.5
14x1.5	5.8
14x1.5	6.7
16x1.5	4.7
16x1.5	6.0
16x1.5	7.0
16x1.5	9.2
18x1.5	5.7
18x1.5	6.5
18x1.5	7.4
18x1.5	10.3
22x1.5	9,7
22x1.5	11.5
22x1.5	12.1
26x1.5	13.3
26x1.5	13.0
26x1.5	13.0
26x1.5	17.9
30x2	17.7
30x2	18.0
36x2	25.0
45x2	41.0
52x2	46.0