

According to law Danieli&C. considers this document to be a company secret and therefore prohibits any person to reproduce it or make it known in whole or in part to other parties or to competitors without specific written authorization of Danieli's Management



RACCORDI E INSERTI A TASCA A SALDARE
ASME B 16.11
SOCKET WELDING FITTINGS AND INSERTS
ASME B 16.11

STANDARD N° 2.250.102

REV. 07 PAGINA 1 DI 15
SOSTITUISCE 2.250.300
REPLACES



07	07/97	Ins. special tee SW/thrd. NPTF, SAE, ISO 1179 - 6000 Lb										Zorzut DTN			Totis FLUIDTECH			Pelizzo UQE		
		Pag.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
		Rev.	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
06	03/97	Grouped nipples in 2.250.107; del. nipples Std thick. grouped fittings N 2.250.300										Zorzut DTN			Musina DE			Dalla Franc. UGQ		
		Pag.	1	2	3	4	5	6	7	8	9	10	11	12						
		Rev.	6	6	6	6	6	6	6	6	6	6	6	6						
05	06/96	Mod. rif. Norme; ins. Ti ridotti Mod. Std ref.; ins. red. tees										Zorzut DTN			Musina DE			Dalla Franc. UGQ		
		Pag.	1	2	3	4	5	6	7	8	9	10	11	12	13	14				
		Rev.	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
04	09/95	Inserito • (Parti gestite a scorta Magazzino) Added • (Material held in stock)										Zorzut DTN			Tomat DMH			Dalla Franc. QAD		
		Pag.	1	2	3	4	5	6	7	8	9	10	11	12	13					
		Rev.	4	2	4	4	4	1	4	1	1	4	1	3	3					
03	06/94	Inserito nippli di riduzione Std e XS Inserted swage nipples Std and XS										Zorzut DTN			Musina DE			Coassin QAD		
		Pag.	1	2	3	4	5	6	7	8	9	10	11	12	13					
		Rev.	3	2	1	1	1	1	1	1	1	1	1	3	3					
02	03/94	Inserito gomiti 45° Inserted 45° elbows										Zorzut DTN			Musina DE			Coassin QAD		
		Pag.	1	2	3	4	5	6	7	8	9	10	11							
		Rev.	2	2	1	1	1	1	1	1	1	1	1							
REV.	DATA DATE	DESCRIZIONE MODIFICA DESCRIPTION OF MODIFICATION										REDATTO COMPILED			CONTROLLATO CHECKED			APPROVATO APPROVED		

A termini di legge la DANIELI & C. S.p.A. considera questo documento come segreto aziendale con divieto per chiunque di riprodurlo o di renderlo comunque noto, in tutto o in parte, a terzi, o verosimilmente a ditte concorrenti, senza specifica autorizzazione scritta della Direzione DANIELI.

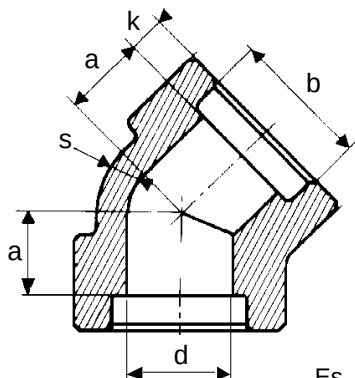


RACCORDI E INSERTI A TASCA A SALDARE
ASME B 16.11
SOCKET WELDING FITTINGS AND INSERTS
ASME B 16.11

STANDARD N° 2.250.102

REV. 07 PAGINA 2 DI 15
SOSTITUISCE 2.250.300
REPLACES

GOMITO A 45° TASCA A SALDARE ASME B 16.11
SOCKET WELDING 45° ELBOW ASME B 16.11



Dimensioni: ASME B 16.11
Materiale: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificaz.: ASTM A 105 p.to 16
ASTM A182 p.to 17.1
Finitura: A 105 grezzo

Dimensions: ASME B 16.11
Material: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificate: ASTM A 105 point 16
ASTM A182 point 17.1
Finishing: A 105 wrought

Es. di design.:

0.309978.B Gomito 45° tasca a sald.
ASME B16.11 3000Lb
1.1/2" ASTM A105 grezzo
Certif. ASTM A105-16

Ex. of design.:

0.309978.B 45° SW elbow
ASME B16.11 3000Lb
1.1/2" ASTM A105 wrought
Certif. ASTM A105-16

Es. di design.:

0.324262.K Gomito 45° tasca sald.
ASME B16.11 3000Lb
1.1/2" A182 F304
Certif. ASTM A182-17.1

Ex. of design.:

0.324262.K 45° SW elbow
ASME B16.11 3000Lb
1.1/2" A182 F304
Certif. ASTM A182-17.1

Dimensioni in mm
Dimensions in mm

☐ Sconsigliato
Not recommended

SERIE 3000 LB - SERIES 3000 LB

DN mm	NPS inch	a mm	b mm	d mm	k mm	s mm	Mass Kg	CODICE CODE		
								ASTM A105	AISI 304	AISI 316
8	1/4	7	14,1	8,5	10	3	0,09	0.309972.V	0.324256.M	0.324268.Z
10	3/8	6	17,55	11,8	10	3,2	0,13	0.309973.W	0.324257.N	0.324269.S
15	1/2	10	21,7	15	10	3,75	0,25	0.309974.X	0.324258.W	0.324270.X
20	3/4	11	27,05	20,2	13	3,9	0,32	0.309975.Z	0.324259.X	0.324271.L
25	1	12	33,8	25,9	13	4,55	0,52	0.309976.S	0.324260.V	0.324272.M
32	1.1/4	15	42,55	34,3	13	4,85	0,66	0.309977.T	0.324261.H	0.324273.N
40	1.1/2	19	48,65	40,1	13	5,1	0,9	0.309978.B	0.324262.K	0.324274.P
50	2	23	61,1	51,7	16	5,55	1,25	0.309979.C	0.324263.L	0.324275.Q
65	2.1/2	27	73,8	61,2	16	7	2,65	0.309980.S	0.324264.M	0.324276.H
80	3	29	89,3	76,4	16	7,6	4	0.309981.N	0.324265.N	0.324277.K
100	4	39	115,45	100,7	19	8,55	8	0.309982.P	0.324266.P	0.324278.T

SERIE 6000 LB - SERIES 6000 LB

DN mm	NPS inch	a mm	b mm	d mm	k mm	s mm	Mass Kg	CODICE CODE		
								ASTM A105	AISI 304	AISI 316
8	1/4	7	14,1	5,6	10	3,7	0,15	0.309984.H	0.324292.A	0.324301.K
10	3/8	10	17,55	8,4	10	4	0,29	0.309985.K	0.324293.B	0.324302.L
15	1/2	11	21,7	11	10	4,8	0,32	0.309986.L	0.324294.C	0.324303.M
20	3/4	13	27,05	14,8	13	5,5	0,54	0.309987.M	0.324295.D	0.324304.N
25	1	15	33,8	19,9	13	6,35	0,77	0.309988.V	0.324296.E	0.324305.P
32	1.1/4	19	42,55	28,7	13	6,35	1,1	0.309989.W	0.324297.F	0.324306.Q
40	1.1/2	23	48,65	33,2	13	7,15	1,7	0.309990.R	0.324298.P	0.324307.H
50	2	27	61,1	42,1	16	8,75	2,7	0.309991.Q	0.324299.Q	0.324308.S

07	07/97	Rev. page number	06	03/97	Ins. fittings AISI 304 - 316	Descrizione - Description
Rev.	Date					

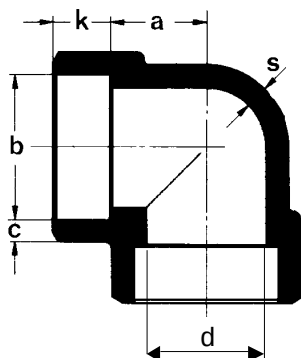


RACCORDI E INSERTI A TASCA A SALDARE
ASME B 16.11
SOCKET WELDING FITTINGS AND INSERTS
ASME B 16.11

STANDARD N° 2.250.102

REV. 07 PAGINA 3 DI 15
SOSTITUISCE 2.250.300
REPLACES

GOMITO A 90° TASCA A SALDARE ASME B 16.11
SOCKET WELDING 90° ELBOW ASME B 16.11



Dimensioni: ASME B 16.11
Materiale: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificaz.: ASTM A 105 p.to 16
ASTM A182 p.to 17.1
Finitura: A 105 grezzo

Dimensions: ASME B 16.11
Material: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificate: ASTM A 105 point 16
ASTM A182 point 17.1
Finishing: A 105 wrought

Es. di design.:
0.053200.V Gomito 90° tasca a sald.
ASME B16.11 3000Lb
1.1/2" ASTM A105 grezzo
Certif. ASTM A105-16

Ex. of design.:
0.053200.V 90° SW elbow
ASME B16.11 3000Lb
1.1/2" ASTM A105 wrought
Certif. ASTM A105-16

Es. di design.:
0.302697.K Gomito 90° tasca sald.
ASME B16.11 3000Lb
1.1/2" A182 F304
Certif. ASTM A182-17.1

Ex. of design.:
0.302697.K 90° SW elbow
ASME B16.11 3000Lb
1.1/2" A182 F304
Certif. ASTM A182-17.1

Dimensioni in mm
Dimensions in mm

☐ Sconsigliato
Not recommended

• Gestione scorta Magazzino
Held in stock

SERIE 3000 LB - SERIES 3000 LB

DN mm	NPS inch	a mm	b mm	d mm	k mm	s mm	Mass Kg	CODICE CODE		
								ASTM A105	AISI 304	AISI 316
8	1/4	10	14,1	8,5	10	3	0,12	0.003919.G	0.302691.L	0.308659.Q
10	3/8	12	17,55	11,8	10	3,2	0,14	0.004075.F	0.302692.M	0.308660.N
15	1/2	14	21,7	15	10	3,75	0,28	0.053197.X •	0.302693.N	0.308661.B
20	3/4	18	27,05	20,2	13	3,9	0,38	0.059690.W •	0.302694.P	0.308662.C
25	1	20	33,8	25,9	13	4,55	0,55	0.053198.F •	0.302695.Q	0.308663.D
32	1.1/4	25	42,55	34,3	13	4,85	0,78	0.053199.G •	0.302696.H	0.308664.E
40	1.1/2	30	48,65	40,1	13	5,1	1,1	0.053200.V •	0.302697.K	0.308665.F
50	2	36	61,1	51,7	16	5,55	1,5	0.055096.X •	0.302698.T	0.308666.G
65	2.1/2	39	73,8	61,2	16	7	3	0.053201.H •	0.302699.R	0.308667.A
80	3	55	89,8	76,4	16	7,6	5	0.053202.K •	0.302700.A	0.308668.H
100	4	64	115,45	100,7	19	8,55	8	0.062688.K	0.302701.W	0.308669.K

SERIE 6000 LB - SERIES 6000 LB

DN mm	NPS inch	a mm	b mm	d mm	k mm	s mm	Mass Kg	CODICE CODE		
								ASTM A105	AISI 304	AISI 316
8	1/4	13	14,1	5,6	10	3,7	0,18	0.003916.W	0.302703.Z	0.308671.D
10	3/8	14	17,55	8,4	10	4	0,35	0.003917.X	0.302704.S	0.308672.E
15	1/2	18	21,7	11	10	4,8	0,4	0.068143.N	0.302705.T	0.308673.F
20	3/4	21	27,05	14,8	13	5,5	0,65	0.014600.P	0.302706.R	0.308674.G
25	1	25	33,8	19,9	13	6,35	0,95	0.014601.C	0.302707.V	0.308675.A
32	1.1/4	30	42,55	28,7	13	6,35	1,35	0.053225.A	0.302708.D	0.308676.B
40	1.1/2	36	48,65	33,2	13	7,15	2,1	0.053226.B	0.302709.E	0.308677.C
50	2	39	61,1	42,1	16	8,75	3,1	0.053227.C	0.302710.T	0.308678.L

07	07/97	Rev. page number	Descrizione - Description
06	03/97	Ins. fittings AISI 304 - 316	
Rev.	Date		

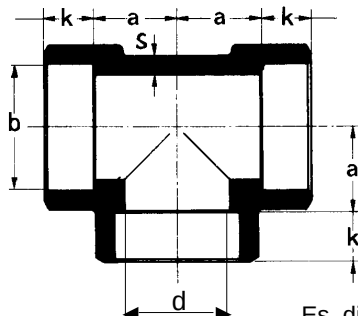


RACCORDI E INSERTI A TASCA A SALDARE
ASME B 16.11
SOCKET WELDING FITTINGS AND INSERTS
ASME B 16.11

STANDARD N° 2.250.102

REV. 07 PAGINA 4 DI 15
SOSTITUISCE 2.250.300
REPLACES

Ti TASCA A SALDARE ASME B 16.11
SOCKET WELDING TEE ASME B 16.11



Dimensioni: ASME B 16.11
Materiale: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificaz.: ASTM A 105 p.to 16
ASTM A182 p.to 17.1
Finitura: A 105 grezzo

Dimensions: ASME B 16.11
Material: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificate: ASTM A 105 point 16
ASTM A182 point 17.1
Finishing: A 105 wrought

Es. di design.:
0.053206.P Ti tasca sald.
ASME B16.11 3000Lb
1.1/2" ASTM A105 grezzo
Certif. ASTM A105-16

Ex. of design.:
0.053206.P SW Tee
ASME B16.11 3000Lb
1.1/2" ASTM A105 wrought
Certif. ASTM A105-16

Es. di design.:
0.302718.W Ti tasca sald.
ASME B16.11 3000Lb
1.1/2" A182 F304
Certif. ASTM A182-17.1

Ex. of design.:
0.302718.W SW Tee
ASME B16.11 3000Lb
1.1/2" A182 F304
Certif. ASTM A182-17.1

Dimensioni in mm
Dimensions in mm

☐ Sconsigliato
Not recommended

• Gestione scorta Magazzino
Held in stock

SERIE 3000 LB - SERIES 3000 LB											
DN	NPS	a	b	d	k	s	Mass	CODICE CODE			
mm	inch	mm	mm	mm	mm	mm	Kg	ASTM A105	AISI 304	AISI 316	
8	1/4	10	14,1	8,5	10	3	0,16	0.004077.A	0.302712.Q	0.308680.B	
10	3/8	12	17,55	11,8	10	3,2	0,19	0.004078.H	0.302713.H	0.308681.X	
15	1/2	14	21,7	15	10	3,75	0,34	0.053203.L •	0.302714.K	0.308682.Z	
20	3/4	18	27,05	20,2	13	3,9	0,41	0.059693.M •	0.302715.L	0.308683.S	
25	1	20	33,8	25,9	13	4,55	0,65	0.053204.M •	0.302716.M	0.308684.T	
32	1.1/4	25	42,55	34,3	13	4,85	0,95	0.053205.N •	0.302717.N	0.308685.R	
40	1.1/2	30	48,65	40,1	13	5,1	1,3	0.053206.P •	0.302718.W	0.308686.V	
50	2	36	61,1	51,7	16	5,55	1,9	0.053207.Q •	0.302719.X	0.308687.W	
65	2.1/2	39	73,8	61,2	16	7	3,9	0.053208.Z •	0.302720.V	0.308688.E	
80	3	55	89,8	76,4	16	7,6	6,5	0.059147.H	0.302721.H	0.308689.F	
100	4	64	115,45	100,7	19	8,55	10,4	0.071443.E	0.302722.K	0.308690.D	

SERIE 6000 LB - SERIES 6000 LB											
DN	NPS	a	b	d	k	s	Mass	CODICE CODE			
mm	inch	mm	mm	mm	mm	mm	Kg	ASTM A105	AISI 304	AISI 316	
8	1/4	13	14,1	5,6	10	3,7	0,23	0.004080.G	0.302724.M	0.308692.T	
10	3/8	14	17,55	8,4	10	4	0,45	0.067453.D	0.302725.N	0.308693.R	
15	1/2	18	21,7	11	10	4,8	0,52	0.053229.M	0.302726.P	0.308694.V	
20	3/4	21	27,05	14,8	13	5,5	0,85	0.053230.K	0.302727.Q	0.308695.W	
25	1	25	33,8	19,9	13	6,35	1,25	0.053231.F	0.302728.Z	0.308696.X	
32	1.1/4	30	42,55	28,7	13	6,35	1,75	0.014602.D	0.302729.S	0.308697.Z	
40	1.1/2	36	48,65	33,2	13	7,15	2,75	0.014603.E	0.302730.X	0.308698.G	
50	2	39	61,1	42,1	16	8,75	4	0.059146.Q	0.302731.L	0.308699.A	

07	07/97	Rev. page number	Descrizione - Description
06	03/97	Ins. fittings AISI 304 - 316	
Rev.	Date		



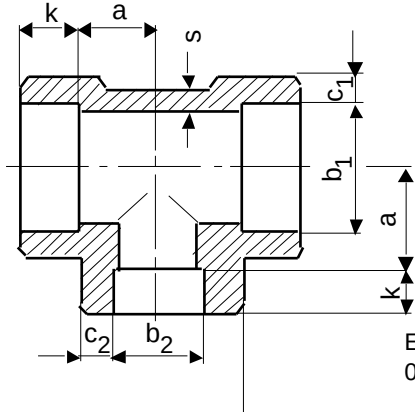
RACCORDI E INSERTI A TASCA A SALDARE
ASME B 16.11
SOCKET WELDING FITTINGS AND INSERTS
ASME B 16.11

STANDARD N° 2.250.102

REV. 07 PAGINA 5 DI 15

SOSTITUISCE
REPLACES 2.250.300

Ti RIDOTTO TASCA A SALDARE ASME B 16.11
SOCKET WELDING REDUCED TEE ASME B 16.11



Dimensioni: ASME B 16.11
Materiale: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificaz.: ASTM A 105 p.to 16
ASTM A182 p.to 17.1
Finitura: A 105 grezzo

Dimensions: ASME B 16.11
Material: ASTM A 105
ASTM A 182 Gr. F 304
ASTM A 182 Gr. F 316
Rating: 3000 - 6000 Lb
Certificate: ASTM A 105 point 16
ASTM A182 point 17.1
Finishing: A 105 wrought

Es. di design.:
0.327586.V Ti rid. tasca a sald.
ASME B16.11 3000Lb
1 1/2"x1" A105 grezzo
Certif. ASTM A105-16

Ex. of design.:
0.327586.V SW red. tee
ASME B16.11 3000Lb
1.1/2"x1" A105 wrought
Certif. ASTM A105-16

Sconsigliato
Not recommended

SERIE 3000 LB - SERIES 3000 LB

NPS ₁	NPS ₂	a	b1	c1	b2	c2	k	s	Mass	CODICE CODE		
inch	inch	min	min.	min.	min.	min.	min.	min.	Kg	ASTM A105	AISI 304	AISI 316
1/4	1/8	10	14,1	3,3	10,65	3,2	10	3	0,16	0.327576.B	0.335175.G	0.335195.V
3/8	1/4	12	17,55	3,5	14,1	3,3	10	3,2	0,19	0.327577.C	0.335176.A	0.335196.W
1/2	1/4	14	21,7	4,1	14,1	3,3	10	3,75	0,34	0.327578.L	0.335177.B	0.335197.X
	3/8				17,55	3,5				0.327579.M	0.335178.K	0.335198.F
3/4	3/8	18	27,05	4,25	17,55	3,5	13	3,9	0,41	0.327580.B	0.335179.L	0.335199.G
	1/2				21,7	4,1				0.327581.X	0.335180.A	0.335200.V
1	1/2	20	33,8	5	21,7	4,1	13	4,55	0,65	0.327582.Z	0.335181.W	0.335201.H
	3/4				27,05	4,25				0.327583.S	0.335182.X	0.335202.K
1.1/4	3/4	25	42,55	5,3	27,05	4,25	13	4,85	0,95	0.327584.T	0.335183.Z	0.335203.L
	1				33,8	5				0.327585.R	0.335184.S	0.335204.M
1.1/2	1	30	48,65	5,55	33,8	5	13	5,1	1,3	0.327586.V	0.335185.T	0.335205.N
	1.1/4				42,55	5,3				0.327587.W	0.335186.R	0.335206.P
2	1.1/4	36	61,1	6,05	42,55	5,3	16	5,55	2,2	0.327588.E	0.335187.V	0.335207.Q
	1.1/2				48,65	5,55				0.327589.F	0.335188.D	0.335208.Z
2.1/2	1.1/2	39	73,8	7,65	48,65	5,55	16	7	3,9	0.327590.D	0.335189.E	0.335209.S
	2				61,1	6,05				0.327591.S	0.335190.C	0.335210.N
3	2	55	89,8	8,3	61,1	6,05	16	7,6	6,5	0.327592.T	0.335191.Z	0.335211.B
	2.1/2				73,8	7,65				0.327593.R	0.335192.S	0.335212.C
4	2.1/2	64	115,5	9,35	73,8	7,65	19	8,55	10,4	0.327594.V	0.335193.T	0.335213.D
	3				89,8	8,3				0.327595.W	0.335194.R	0.335214.E

SERIE 6000 LB - SERIES 6000 LB

NPS ₁	NPS ₂	a	b1	c1	b2	c2	k	s	Mass	CODICE CODE		
inch	inch	min	min.	min.	min.	min.	min.	min.	Kg	ASTM A105	AISI 304	AISI 316
1/4	1/8	13	14,1	4	10,6	3,45	10	3,7	0,23	0.327596.X	0.335215.F	0.335229.M
3/8	1/4	14	17,55	4,35	14,1	4	10	4	0,45	0.327597.Z	0.335216.G	0.335230.K
1/2	1/4	18	21,7	5,2	14,1	4	10	4,8	0,52	0.327598.G	0.335217.A	0.335231.F
	3/8				17,55	4,35				0.327599.A	0.335218.H	0.335232.G
3/4	3/8	21	27,05	6,05	17,55	4,35	13	5,5	0,85	0.327600.W	0.335219.K	0.335233.A
	1/2				21,7	5,2				0.327601.K	0.335220.Q	0.335234.B
1	1/2	25	33,8	6,95	21,7	5,2	13	6,35	1,25	0.327602.L	0.335221.D	0.335235.C
	3/4				27,05	6,05				0.327603.M	0.335222.E	0.335236.D
1.1/4	3/4	30	42,55	6,95	27,05	6,05	13	6,35	1,75	0.327604.N	0.335223.F	0.335237.E
	1				33,8	6,95				0.327605.P	0.335224.G	0.335238.N
1.1/2	1	36	48,65	7,8	33,8	6,95	13	7,15	2,8	0.327606.Q	0.335225.A	0.335239.P
	1.1/4				42,55	6,95				0.327607.H	0.335226.B	0.335240.R
2	1.1/4	39	61,1	9,5	42,55	6,95	16	8,75	4	0.327608.S	0.335227.C	0.335241.H
	1.1/2				48,65	7,8				0.327609	0.335228.L	0.335242.H

07 07/97 Rev. dimensions

06 03/97 Ins. fittings AISI 304 - 316

Rev. Date Descrizione - Description