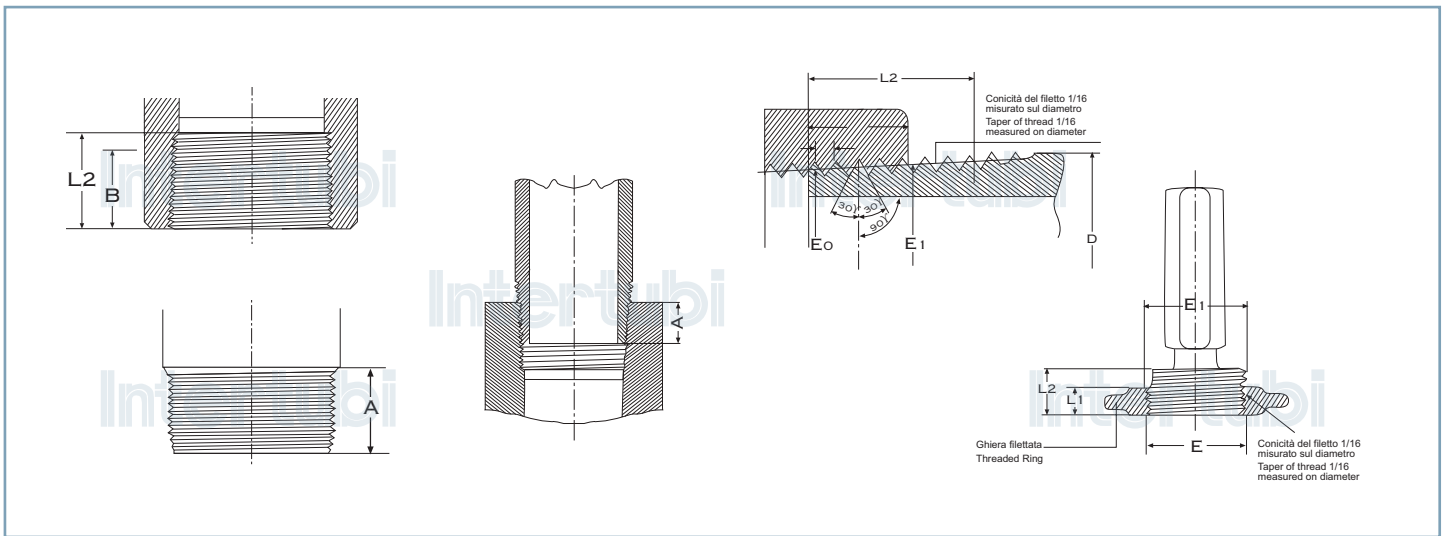


ACCIAIO INOX | STAINLESS STEEL

RACCORDI FILETTATI ANSI B16.11 - B1.20.1

THREADED FITTINGS ANSI B16.11 - B1.20.1

CARATTERISTICHE TECNICHE
TECHNICAL INFORMATION
LUNGHEZZA DEL FILETTO
ANSI B16.11
LENGHT OF THREAD
ANSI B16.11
FILETTATURA CONICA PER TUBI (NPT)
ANSI B1.20.1 O API STD 5 B
STANDARD TAPER PIPE THREAD (NPT)
ANSI B1.20.1 O API STD 5 B


Diametro nominale Nominal pipe size	Filetto interno - Internal thread				Filetto esterno - External thread	
	B min.		L2 min.		A min.	
	mm	inches	mm	inches	mm	inches
1/8"	6.5	0.25	6.5	0.2639	9.5	0.38
1/4"	8.0	0.32	10.0	0.4018	11.0	0.44
3/8"	9.0	0.36	10.5	0.4078	12.5	0.50
1/2"	11.0	0.43	13.5	0.5337	14.5	0.56
3/4"	12.5	0.50	14.0	0.5457	16.0	0.62
1"	14.5	0.58	17.5	0.6828	19.0	0.75
1 1/4"	17.0	0.67	18.0	0.7068	20.5	0.81
1 1/2"	18.0	0.70	18.5	0.7235	20.5	0.81
2"	19.0	0.75	19.0	0.7565	22.0	0.88
2 1/2"	23.5	0.93	29.0	1.138	27.0	1.06
3"	26.0	1.02	30.5	1.200	28.5	1.12
4"	27.5	1.09	33.0	1.300	32.0	1.25

Ø nominale del tubo Nominal pipe size	Ø esterno del tubo Outside diameter of pipe mm	Num. filetti per pollice Number of threads per inch	Passo Pitch of thread mm	Ø sul filetto esterno Pitch diameter at external thread end mm	Ø sul filetto interno Pitch diameter at internal thread end mm	Lunghezza effettiva del filetto Effective threads length mm	Lunghezza serraggio a mano Length of hand tightening mm	Incremento del diametro per giro Increase in diameter per thread mm	Lunghezza del serraggio alla chiave Length of wrench tightening mm
	D	n	P	E0	E1	L2	L1		A
1/8"	10.29	27	0.940	9.233	9.489	6.703	4.102	0.0586	6.9
1/4"	13.72	18	1.411	12.126	12.487	10.205	5.786	0.0881	10
3/8"	17.14	18	1.411	15.545	15.926	10.358	6.096	0.0881	10.3
1/2"	21.34	14	1.814	19.264	19.772	13.556	8.128	0.1132	13.6
3/4"	26.67	14	1.814	24.579	25.117	13.860	8.610	0.1132	14.1
1"	33.40	11 1/2	2.209	30.826	31.461	17.343	10.160	0.1379	16.8
1 1/4"	42.16	11 1/2	2.209	39.551	40.218	17.952	10.668	0.1379	17.3
1 1/2"	48.26	11 1/2	2.209	45.621	46.287	18.377	10.668	0.1379	17.3
2"	60.32	11 1/2	2.209	57.633	58.325	19.215	11.074	0.1379	17.7
2 1/2"	73.02	8	3.175	69.076	70.159	28.892	17.322	0.1983	23.7
3"	88.90	8	3.175	84.852	86.068	30.480	19.456	0.1983	25.8
3 1/2"	101.60	8	3.175	97.472	98.776	31.750	20.853	0.1983	27.2
4"	114.30	8	3.175	110.093	111.433	33.020	21.437	0.1983	27.8

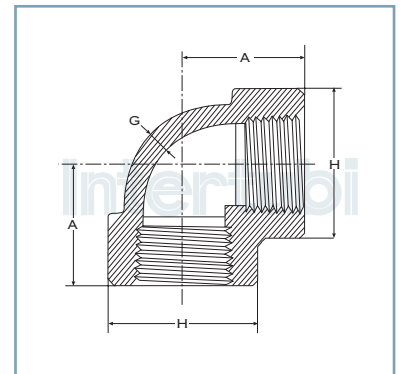
Ø nominale del tubo Nominal pipe size inches	Ø esterno del tubo Outside diameter of pipe inches	Num. filetti per pollice Number of threads per inch	Passo Pitch of thread inches	Ø sul filetto esterno Pitch diameter at external thread end inches	Ø sul filetto interno Pitch diameter at internal thread end inches	Lunghezza effettiva del filetto Effective threads length inches	Lunghezza serraggio a mano Length of hand tightening inches	Incremento del diametro per giro Increase in diameter per thread inches	Lunghezza del serraggio alla chiave Length of wrench tightening inches
	D	n	P	E0	E1	L2	L1		A
1/8"	0.405	27	0.03704	0.36351	0.37360	0.2639	0.1615	0.00231	0.2726
1/4"	0.540	18	0.05556	0.47739	0.49163	0.4018	0.2278	0.00347	0.3945
3/8"	0.675	18	0.05556	0.61201	0.62701	0.4078	0.240	0.00347	0.4067
1/2"	0.840	14	0.07143	0.75843	0.77843	0.5337	3.320	0.00446	0.5343
3/4"	1.050	14	0.07143	0.96768	0.98887	0.5457	0.339	0.00446	0.5533
1"	1.315	11 1/2	0.08696	1.21363	1.23863	0.6828	0.400	0.00543	0.6609
1 1/4"	1.660	11 1/2	0.08696	1.55713	1.58338	0.7068	0.420	0.00543	0.6809
1 1/2"	1.900	11 1/2	0.08696	1.79609	1.82234	0.7235	0.420	0.00543	0.6809
2"	2.375	11 1/2	0.08696	2.26902	2.29627	0.7565	0.436	0.00543	0.6969
2 1/2"	2.875	8	0.12500	2.71953	2.76216	1.1375	0.682	0.00781	0.9320
3"	3.500	8	0.12500	3.34062	3.38850	1.2000	0.766	0.00781	1.016
3 1/2"	4.000	8	0.12500	3.83750	3.88881	1.2500	0.821	0.00781	1.071
4"	4.500	8	0.12500	4.33438	4.33438	1.3000	0.844	0.00781	1.094

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GOMITI 90°
 ANSI B16.11
 3000 - 6000 LBS

90° ELBOWS
 ANSI B16.11
 3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000						6000					
	A		H		G		A		H		G	
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	25	0.97	25	1.00	3.5	0.130	29	1.12	33	1.31	6.5	0.260
3/8"	29	1.12	33	1.31	3.5	0.138	33	1.31	38	1.50	7.0	0.275
1/2"	33	1.31	38	1.50	4.0	0.161	38	1.50	46	1.81	8.0	0.321
3/4"	38	1.50	46	1.81	4.5	0.170	44	1.75	56	2.19	8.5	0.336
1"	44	1.75	56	2.19	5.0	0.196	51	2.00	62	2.44	10.0	0.391
1 1/4"	51	2.00	62	2.44	5.5	0.208	60	2.38	75	2.97	10.5	0.417
1 1/2"	60	2.38	75	2.97	5.5	0.219	64	2.50	84	3.31	11.0	0.436
2"	64	2.50	84	3.31	7.0	0.281	83	3.25	102	4.00	12.0	0.476
2 1/2"	83	3.25	102	4.00	7.5	0.301	95	3.75	121	4.75	15.5	0.602
3"	95	3.75	121	4.75	9.0	0.348	106	4.19	146	5.75	16.0	0.655
4"	114	4.50	152	6.00	11.00	0.440	114	4.50	152	6.00	18.5	0.735

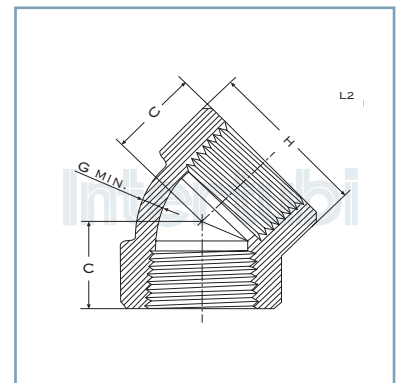


Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B1.20.1

GOMITI 45°
 ANSI B16.11
 3000 - 6000 LBS

45° ELBOWS
 ANSI B16.11
 3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000						6000					
	C		H		G		C		H		G	
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	19	0.75	25	1.00	3.5	0.130	22	0.88	33	1.31	6.5	0.260
3/8"	22	0.88	33	1.31	3.5	0.138	25	1.00	38	1.50	7.0	0.275
1/2"	25	1.00	38	1.50	4.0	0.161	29	1.12	46	1.81	8.0	0.321
3/4"	29	1.12	46	1.81	4.5	0.170	33	1.31	56	2.19	8.5	0.336
1"	33	1.31	56	2.19	5.0	0.196	35	1.38	62	2.44	10.0	0.391
1 1/4"	35	1.38	62	2.44	5.5	0.208	43	1.69	75	2.97	10.5	0.417
1 1/2"	43	1.69	75	2.97	5.5	0.219	44	1.72	84	3.31	11.0	0.436
2"	45	1.72	84	3.31	7.0	0.281	52	2.06	102	4.00	12.0	0.476
2 1/2"	52	2.06	102	4.00	7.5	0.301	64	2.50	121	4.75	15.5	0.602
3"	64	2.50	121	4.75	9.0	0.348	79	3.12	146	5.75	16.5	0.655
4"	79	3.12	152	6.00	11.00	0.440	79	3.12	152	6.00	18.5	0.735



Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B1.20.1

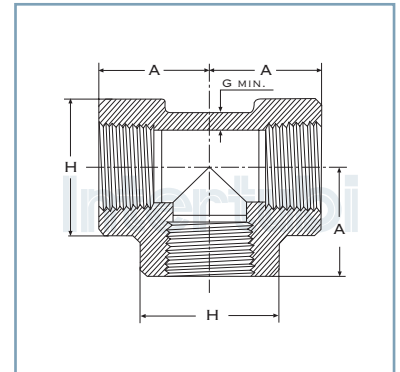
TEES

ANSI B16.11
3000 - 6000 LBS

TEES

ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000						6000					
	A		H		G		A		H		G	
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	25	0.97	25	1.00	3.5	0.130	29	1.12	33	1.31	6.5	0.260
3/8"	29	1.12	33	1.31	3.5	0.138	33	1.31	38	1.50	7.0	0.275
1/2"	33	1.31	38	1.50	4.0	0.161	38	1.50	46	1.81	8.0	0.321
3/4"	38	1.50	46	1.81	4.5	0.170	44	1.75	56	2.19	8.5	0.336
1"	44	1.375	56	2.19	5.0	0.196	51	2.00	62	2.44	10.0	0.391
1 1/4"	51	2.00	62	2.44	5.5	0.208	60	2.38	75	2.97	10.5	0.417
1 1/2"	60	2.38	75	2.97	5.5	0.219	64	2.50	84	3.31	11.0	0.436
2"	64	2.50	84	3.31	7.0	0.281	83	3.25	102	4.00	12.0	0.476
2 1/2"	83	3.25	102	4.00	7.5	0.301	95	3.75	121	4.75	15.5	0.602
3"	95	3.75	121	4.75	9.0	0.348	106	4.19	146	5.75	16.0	0.655
4"	114	4.50	152	6.00	11.00	0.440	114	4.50	152	6.00	18.5	0.735



Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B1.20.1

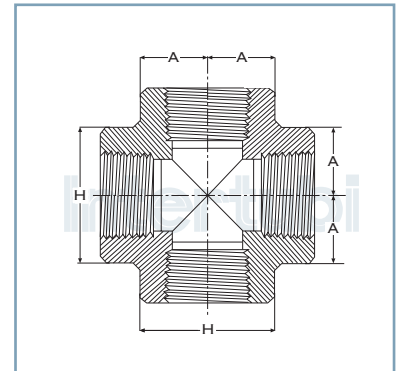
CROCI

ANSI B16.11
3000 - 6000 LBS

CROSSES

ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000						6000					
	C		H		G		C		H		G	
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	25	0.97	25	1.00	3.5	0.130	29	1.12	33	1.31	6.5	0.260
3/8"	29	1.12	33	1.31	3.5	0.138	33	1.31	38	1.50	7.0	0.275
1/2"	33	1.31	38	1.50	4.0	0.161	38	1.50	46	1.81	8.0	0.321
3/4"	38	1.50	46	1.81	4.5	0.170	44	1.75	56	2.19	8.5	0.336
1"	44	1.375	56	2.19	5.0	0.196	51	2.00	62	2.44	10.0	0.391
1 1/4"	51	2.00	62	2.44	5.5	0.208	60	2.38	75	2.97	10.5	0.417
1 1/2"	60	2.38	75	2.97	5.5	0.219	64	2.50	84	3.31	11.0	0.436
2"	64	2.50	84	3.31	7.0	0.281	83	3.25	102	4.00	12.0	0.476
2 1/2"	83	3.25	102	4.00	7.5	0.301	95	3.75	121	4.75	15.5	0.602
3"	95	3.75	121	4.75	9.0	0.348	106	4.19	146	5.75	16.0	0.655
4"	114	4.50	152	6.00	11.00	0.440	114	4.50	152	6.00	18.5	0.735



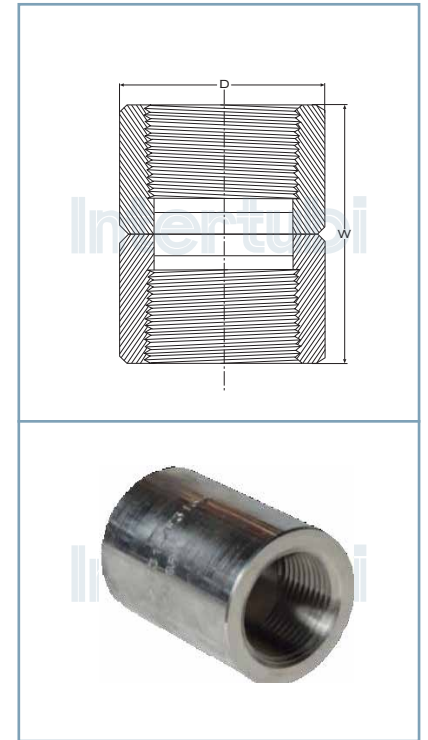
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MANICOTTI
 ANSI B16.11
 3000 - 6000 LBS

COUPLINGS
 ANSI B16.11
 3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000				6000			
	W		D		W		D	
	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	35	1.38	19	0.75	35	1.38	25	1.00
3/8"	38	1.50	22	0.88	38	1.50	32	1.25
1/2"	48	1.88	29	1.12	48	1.88	38	1.50
3/4"	51	2.00	35	1.38	51	2.00	44	1.75
1"	60	2.38	44	1.75	60	2.38	57	2.25
1 1/4"	67	2.62	57	2.25	67	2.62	64	2.50
1 1/2"	79	3.12	64	2.50	79	3.12	76	3.00
2"	86	3.38	76	3.00	86	3.38	92	3.62
2 1/2"	92	3.62	92	3.62	92	3.62	108	4.25
3"	108	4.25	108	4.25	108	4.25	127	5.00
4"	121	4.75	140	5.50	121	4.75	159	6.25

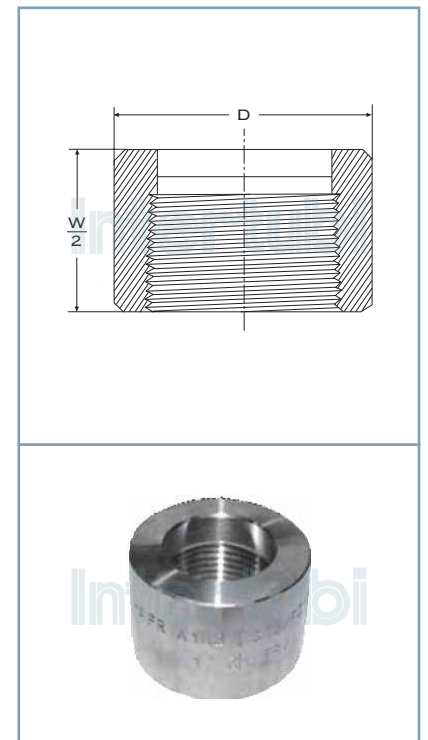


Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B1.20.1

MEZZI MANICOTTI
 ANSI B16.11
 3000 - 6000 LBS

HALF-COUPLINGS
 ANSI B16.11
 3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000				6000			
	W		D		W		D	
	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	35	1.38	19	0.75	35	1.38	25	1.00
3/8"	38	1.50	22	0.88	38	1.50	32	1.25
1/2"	48	1.88	29	1.12	48	1.88	38	1.50
3/4"	51	2.00	35	1.38	51	2.00	44	1.75
1"	60	2.38	44	1.75	60	2.38	57	2.25
1 1/4"	67	2.62	57	2.25	67	2.62	64	2.50
1 1/2"	79	3.12	64	2.50	79	3.12	76	3.00
2"	86	3.38	76	3.00	86	3.38	92	3.62
2 1/2"	92	3.62	92	3.62	92	3.62	108	4.25
3"	108	4.25	108	4.25	108	4.25	127	5.00
4"	121	4.75	140	5.50	121	4.75	159	6.25



Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B1.20.1

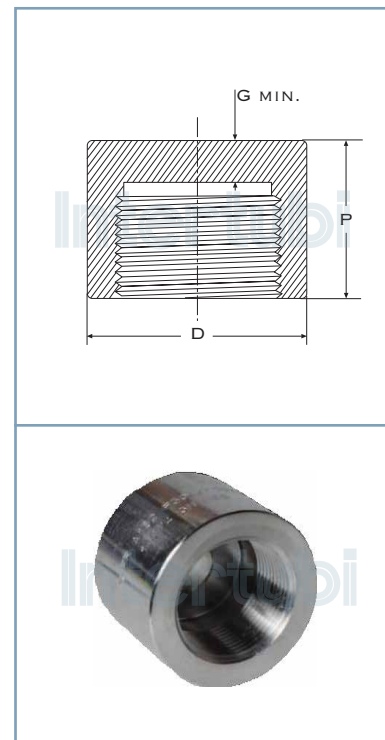
TAPPO FEMMINA

ANSI B16.11
3000 - 6000 LBS

CAPS

ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000						6000					
	P		D		G		P		D		G	
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	25	1.00	19	0.75	5.0	0.19	27	1.06	25	1.00	6.5	0.25
3/8"	25	1.00	22	0.88	5.0	0.19	27	1.06	32	1.25	6.5	0.25
1/2"	32	1.25	29	1.12	6.5	0.25	33	1.31	38	1.50	8.0	0.31
3/4"	37	1.44	35	1.38	6.5	0.25	38	1.50	44	1.75	8.0	0.31
1"	41	1.62	44	1.75	9.5	0.38	43	1.69	57	2.25	11.0	0.44
1 1/4"	44	1.75	57	2.25	9.5	0.38	46	1.81	64	2.50	11.0	0.44
1 1/2"	44	1.75	64	2.50	11.0	0.44	48	1.88	76	3.00	12.5	0.50
2"	48	1.88	76	3.00	12.5	0.50	51	2.00	92	3.62	16.0	0.62
2 1/2"	60	2.38	92	3.62	16.0	0.62	64	2.50	108	4.25	19.0	0.75
3"	65	2.56	108	4.25	19.0	0.75	68	2.69	127	5.00	22.0	0.88
4"	68	2.69	140	5.50	22.0	0.88	75	2.94	159	6.25	28.5	1.12



Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B1.20.1

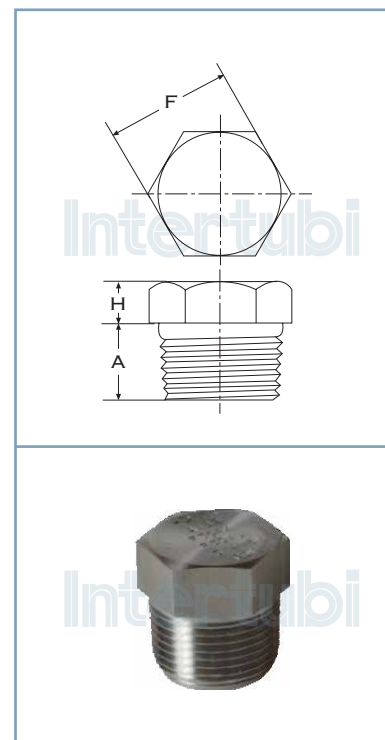
TAPPO MASCHIO - TESTA ESAGONALE

ANSI B16.11
3000 - 6000 LBS

HEXAGON HEAD PLUGS

ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000 - 6000					
	A min.		F nominal		H min.	
	mm	inches	mm	inches	mm	inches
1/4"	11	0.44	16.0	0.62	6	0.25
3/8"	12.5	0.50	17.5	0.69	8	0.31
1/2"	14.5	0.56	22.0	0.88	8	0.31
3/4"	16.0	0.62	27.0	1.06	10	0.38
1"	19.0	0.75	35.0	1.38	10	0.38
1 1/4"	20.5	0.81	44.5	1.75	14	0.56
1 1/2"	20.5	0.81	51.0	2.00	16	0.62
2"	22.0	0.88	63.5	2.50	17	0.69
2 1/2"	27.0	1.06	76.0	3.00	19	0.75
3"	28.5	1.12	89.0	3.50	21	0.81
4"	32.0	1.25	117.5	4.62	25	1.00



Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B1.20.1

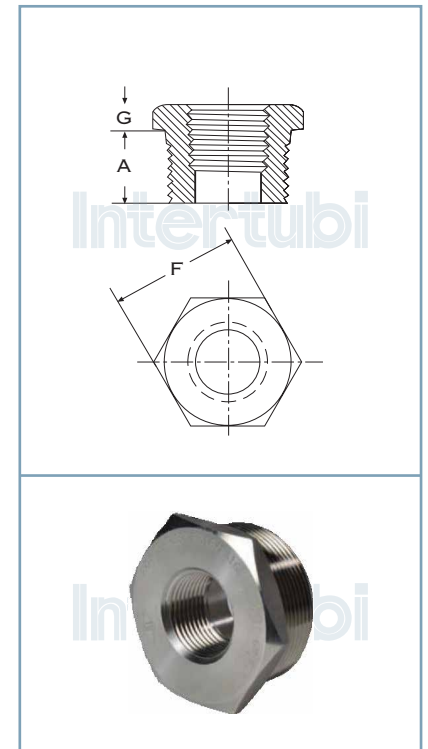
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RIDUZIONI MASCHIO-FEMMINA

 ANSI B16.11
 3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000 - 6000					
	A min.		F nominal		G min.	
	mm	inches	mm	inches	mm	inches
3/8" x 1/4"	12.5	0.50	17.5	0.69	7	0.16
1/2" x 3/8"	14.5	0.56	22.0	0.88	5	0.19
1/2" x 1/4"	14.5	0.56	22.0	0.88	5	0.19
3/4" x 1/2"	16.0	0.62	27.0	1.06	6	0.22
3/4" x 1/4"	16.0	0.62	27.0	1.06	6	0.22
1" x 3/4"	19.0	0.75	35.0	1.38	6	0.25
1" x 1/2"	19.0	0.75	35.0	1.38	6	0.25
1" x 1/4"	19.0	0.75	35.0	1.38	6	0.25
1 1/4" x 1"	20.5	0.81	44.5	1.75	7	0.28
1 1/2" x 1"	20.5	0.81	51.0	2.00	8	0.31
1 1/2" x 3/4"	20.5	0.81	51.0	2.00	8	0.31
1 1/2" x 1/2"	20.5	0.81	51.0	2.00	8	0.31
2" x 1 1/2"	22.0	0.88	63.5	2.50	9	0.34
2" x 1"	22.0	0.88	63.5	2.50	9	0.34
2 1/2" x 2"	27.0	1.06	76.0	3.00	10	0.38
3" x 2"	28.5	1.12	89.0	3.50	10	0.41
4" x 3"	32.0	1.25	117.5	4.62	13	0.50
4" x 2"	32.0	1.25	117.5	4.62	13	0.50

HEX HEAD BUSHING

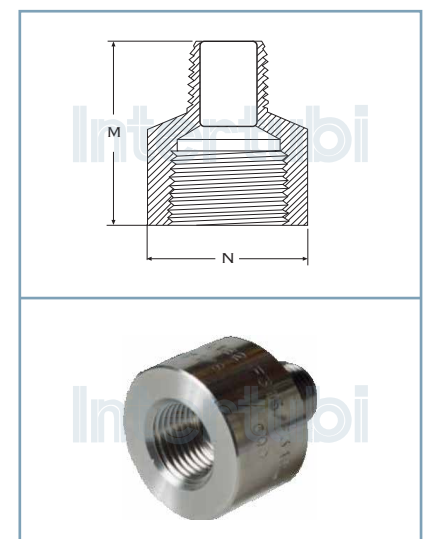
 ANSI B16.11
 3000 - 6000 LBS

 Filettatura conforme a ANSI B1.20.1
 Thread according to ANSI B1.20.1

RIDUZIONI FEMMINA-MASCHIO

 ANSI B16.11
 3000 LBS

Diam. nominale Nominal pipe size	3000			
	M (1)		N (1)	
	mm	inches	mm	inches
3/8" x 1/4"	42	1.50	22	0.87
1/2" x 3/8"	49	1.81	28	1.10
1/2" x 1/4"	49	1.81	28	1.10
3/4" x 1/2"	59	2.01	35	1.38
1" x 3/4"	63	2.36	45	1.77
1" x 1/2"	61	2.36	45	1.77
1" x 1/4"	60	2.36	45	12.77
1 1/4" x 1"	68	2.68	60	2.24
1 1/2" x 1"	72	2.76	65	2.56
1 1/2" x 3/4"	67	2.76	65	2.56
1 1/2" x 1/2"	67	2.76	65	2.56
2" x 1 1/2"	70	2.95	76	2.99
2" x 1"	75	2.95	76	2.99
2 1/2" x 2"	92	3.74	95	3.74
3" x 2"	95	3.94	110	4.33
4" x 3"	113	4.33	140	5.51
4" x 2"	100	4.33	140	5.51

FEMALE-MALE REDUCERS

 ANSI B16.11
 3000 LBS

 Filettatura conforme a ANSI B1.20.1
 Thread according to ANSI B1.20.1

⁽¹⁾ Le dimensioni non elencate nell'ANSI B 16.11-1980 e BS 3799-1974 possono variare a seconda del produttore.

⁽¹⁾ Dimensions not listed in ANSI B 16.11-1980 and BS 3799-1974 may vary according to the manufacturer.

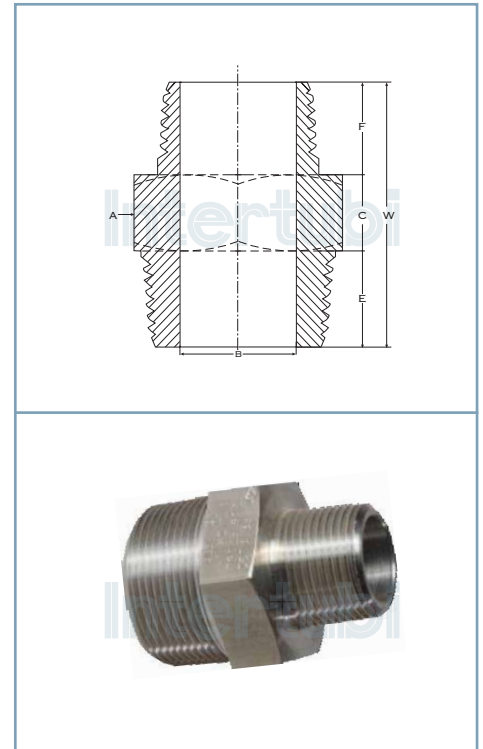
NIPPLI RIDOTTI
ANSI B16.11
3000 - 6000 LBS

REDUCING HEXAGONAL NIPPLES
ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size		A (mini)		E (mini)		F (mini)		C (mini)		W (mini)		b*			
inches	mm	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	3000		6000	
												mm	inches	mm	inches
1/4" x 1/8"	8 x 6	15	0.59	15	0.59	10	0.39	6	0.24	31	1.22	5	0.20	2	0.08
3/8" x 1/4"	10 x 8	18	0.71	16	0.63	15	0.59	8	0.31	39	1.54	8	0.31	6	0.24
1/2" x 3/8"	15 x 10	22	0.87	20	0.79	16	0.63	8	0.31	44	1.73	11	0.43	8	0.31
1/2" x 1/4"	15 x 8	22	0.87	20	0.79	15	0.59	8	0.31	43	1.69	8	0.31	6	0.24
3/4" x 1/2"	20 x 15	27	1.06	21	0.83	20	0.79	9	0.35	50	1.97	14	0.55	11	0.43
3/4" x 3/8"	20 x 10	27	1.06	21	0.83	16	0.63	9	0.35	46	1.81	11	0.43	8	0.31
1" x 3/4"	25 x 20	35	1.38	25	0.98	21	0.83	10	0.39	56	2.20	19	0.75	13	0.51
1" x 1/2"	25 x 15	35	1.38	25	0.98	20	0.79	10	0.39	55	2.17	14	0.55	11	0.43
1 1/2" x 1"	40 x 25	50	1.97	26	1.02	25	0.98	16	0.63	67	2.64	24	0.94	17	0.67
1 1/2" x 3/4"	40 x 20	50	1.97	26	1.02	21	0.83	16	0.63	63	2.48	19	0.75	13	0.51
1 1/2" x 1/2"	40 x 15	50	1.97	26	1.02	20	0.79	16	0.63	62	2.44	14	0.55	11	0.43
2" x 1 1/2"	50 x 40	62	2.44	27	1.06	26	1.02	17	0.67	70	2.76	38	1.50	30	1.18
2" x 1"	50 x 25	62	2.44	27	1.06	25	0.98	18	0.71	70	2.76	24	0.94	17	0.67
2" x 3/4"	50 x 20	62	2.44	27	1.06	21	0.83	17	0.67	65	2.60	19	0.75	13	0.51
2" x 1/2"	50 x 15	62	2.44	27	1.06	20	0.79	18	0.71	65	2.60	14	0.55	11	0.43

(*) La dimensione "b" è nominale e soggetta alle normali tolleranze di fabbricazione.

(*) Dimension "b" is nominal and is subject to normal MANUFACTURE tolerances.



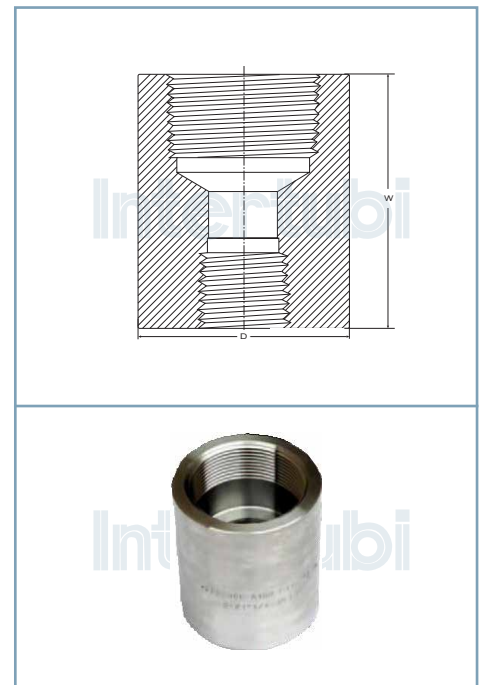
Filettatura conforme a ANSI B1.20.1

Thread according to ANSI B1.20.1

MANICOTTO RIDOTTO
ANSI B16.11
3000 - 6000 LBS

REDUCING COUPLING
ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000				6000			
	W ⁽¹⁾		D ⁽¹⁾		W ⁽¹⁾		D ⁽¹⁾	
	mm	inches	mm	inches	mm	inches	mm	inches
3/8" x 1/4"	38.10	1.50	22.35	0.88	38.10	1.50	31.75	1.25
1/2" x 3/8"	47.75	1.88	28.45	1.12	47.75	1.88	38.10	1.50
1/2" x 1/4"	47.75	1.88	28.45	1.12	47.75	1.88	38.10	1.50
3/4" x 1/2"	50.80	2.00	35.05	1.38	50.80	2.00	44.45	1.75
3/4" x 1/4"	50.80	2.00	35.05	1.38	50.80	2.00	44.45	1.75
1" x 3/4"	60.45	2.38	44.45	1.75	60.45	2.38	57.15	2.25
1" x 1/2"	60.45	2.38	44.45	1.75	60.45	2.38	57.15	2.25
1" x 1/4"	60.45	2.38	44.45	1.75	60.45	2.38	57.15	2.25
1 1/4" x 1"	66.55	2.62	57.15	2.25	66.55	2.62	63.50	2.50
1 1/2" x 1"	79.25	3.12	63.50	2.50	79.25	3.12	76.20	3.00
1 1/2" x 3/4"	79.25	3.12	63.50	2.50	79.25	3.12	76.20	3.00
1 1/2" x 1/2"	79.25	3.12	63.50	2.50	79.25	3.12	76.20	3.00
2" x 1 1/2"	85.85	3.38	76.20	3.00	85.85	3.38	91.95	3.62
2" x 1"	85.85	3.38	76.20	3.00	85.85	3.38	91.95	3.62
2 1/2" x 2"	91.95	3.62	91.95	3.62	90.95	3.62	107.95	4.25
3" x 2"	107.95	4.25	107.95	4.25	107.95	4.25	127.00	5.00
4" x 3"	120.65	4.75	139.70	5.50	120.65	4.75	158.75	6.25
4" x 2"	120.65	4.75	139.70	5.50	120.65	4.75	158.75	6.25



⁽¹⁾ Le dimensioni non elencate nell'ANSI B 16.11-1980 e BS 3799-1974 possono variare a seconda del produttore.

⁽¹⁾ Dimensions not listed in ANSI B 16.11-1980 and BS 3799-1974 may vary according to the manufacturer.

NIPPLLO

 ANSI B16.11
 3000 - 6000 LBS

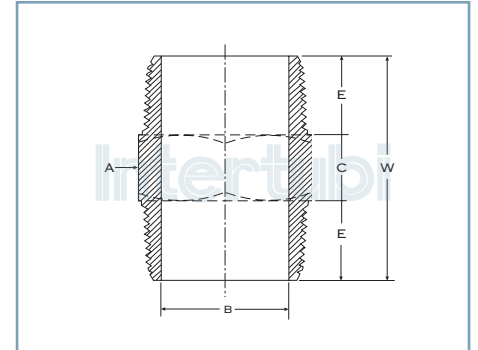
HEXAGONAL NIPPLES

 ANSI B16.11
 3000 - 6000 LBS

Diam. nominale Nominal pipe size		A (mini)		E (mini)		C (mini)		W (mini)		b*			
inches	mm	mm	inches	mm	inches	mm	inches	mm	inches	3000		6000	
										mm	inches	mm	inches
1/8"	6	11	0.43	10	0.39	6	0.24	26	1.02	5	0.20	2	0.08
1/4"	8	15	0.59	15	0.59	6	0.24	36	1.42	8	0.31	6	0.24
3/8"	10	18	0.71	16	0.63	8	0.31	40	1.57	11	0.43	8	0.31
1/2"	15	22	0.87	20	0.79	8	0.31	48	1.89	14	0.55	11	0.43
3/4"	20	27	1.06	21	0.83	10	0.39	52	2.05	19	0.75	13	0.51
1"	25	35	1.38	25	0.98	10	0.39	60	2.36	24	0.94	17	0.67
1 1/2"	40	50	1.97	26	1.02	16	0.63	68	2.68	38	1.50	30	1.18
2"	50	62	2.44	27	1.06	17	0.67	71	2.80	49	1.93	39	1.54

(*) La dimensione "b" è nominale e soggetta alle normali tolleranze di fabbricazione.

(*) Dimension "b" is nominal and is subject to normal MANUFACTURE tolerances.



Filettatura conforme a ANSI B1.20.1

Thread according to ANSI B 1.20.1

DERIVAZIONE FILETTATA

3000 - 6000 LBS

THREADED OUTLET

3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000 - 6000					
	K ⁽¹⁾		M ⁽¹⁾		N ⁽¹⁾	
	mm	inches	mm	inches	mm	inches
1/4"	30.5	1.20	28.0	1.10	14.0	0.55
3/8"	30.5	1.20	32.0	1.26	17.4	0.69
1/2"	33.5	1.32	38.0	1.50	21.6	0.85
3/4"	35.0	1.38	44.5	1.75	26.9	1.06
1"	43.0	1.69	57.5	2.26	33.6	1.32
1 1/4"	48.0	1.89	63.5	2.50	42.4	1.67
1 1/2"	51.0	2.00	76.1	3.00	48.5	1.91
2"	57.5	2.26	92.0	3.62	60.9	2.40

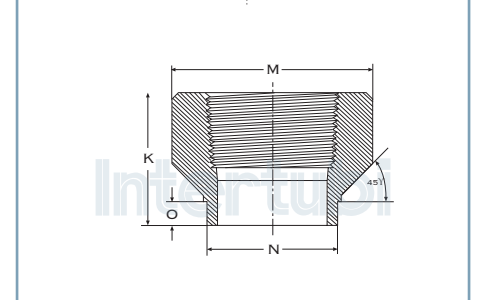
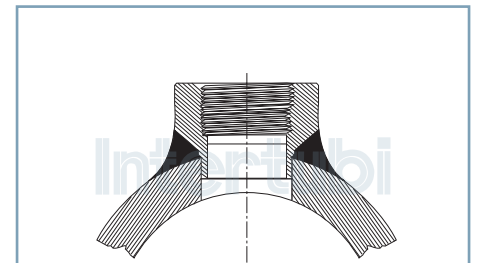
⁽¹⁾ Le dimensioni non elencate nell'ANSI B 16.11-1980 e BS 3799-1974 possono variare a seconda del produttore.

⁽¹⁾ Dimensions not listed in ANSI B 16.11-1980 and BS 3799-1974 may vary according to the manufacturer.

DA 1/4" A 2" O = 9,5 mm

FROM 1/4" TO 2" O = 0,375 inch

Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B 1.20.1



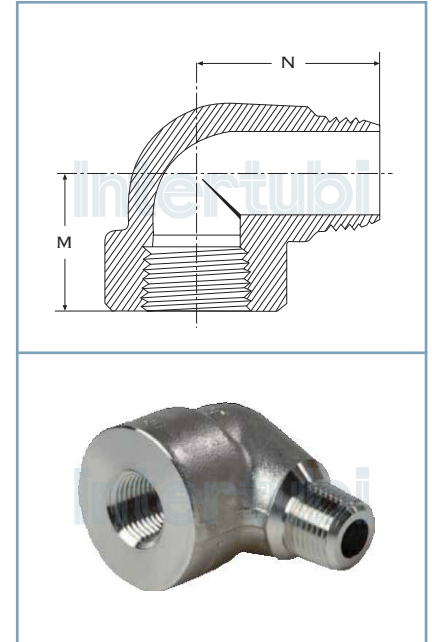
GOMITI MASCHIO-FEMMINA A 90°

ANSI B16.11
3000 - 6000 LBS

90° STREET ELBOWS

ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000				6000			
	M ⁽¹⁾		N ⁽¹⁾		M ⁽¹⁾		N ⁽¹⁾	
	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	24.6	0.97	32.0	1.05	30.0	1.12	39.0	1.26
3/8"	30.0	1.12	39.0	1.26	33.5	1.31	44.0	1.39
1/2"	33.5	1.31	44.0	1.39	38.0	1.50	49.0	1.61
3/4"	38.0	1.50	49.0	1.61	46.5	1.75	59.0	1.97
1"	46.5	1.75	59.0	1.97	53.0	2.00	65.0	2.40
1 1/4"	53.0	2.00	65.0	2.40	62.0	2.27	75.0	2.75
1 1/2"	62.0	2.27	75.0	2.75	68.0	2.50	82.5	3.25
2"	68.0	2.50	82.5	3.25	82.5	3.25	110.0	4.33



⁽¹⁾ Le dimensioni non elencate nell'ANSI B 16.11-1980 e BS 3799-1974 possono variare a seconda del produttore.

⁽¹⁾ Dimensions not listed in ANSI B 16.11-1980 and BS 3799-1974 may vary according to the manufacturer.

Filettatura conforme a ANSI B1.20.1

Thread according to ANSI B 1.20.1

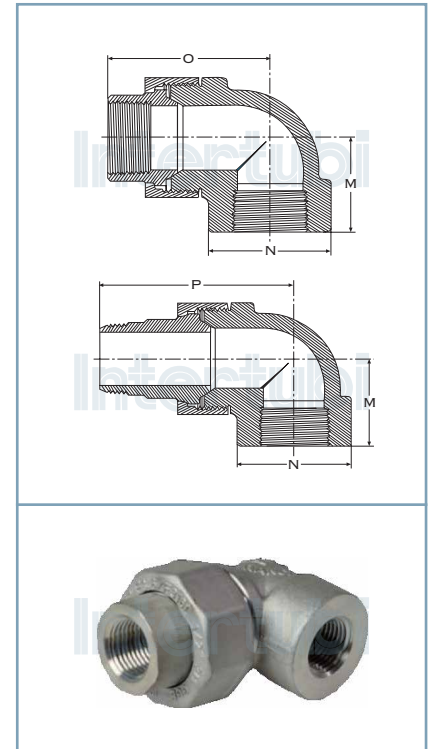
GOMITO TRE PEZZI

ANSI B16.11
3000 LBS

UNION ELBOWS

ANSI B16.11
3000 LBS

Diam. nominale Nominal pipe size		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
3000									
M ⁽¹⁾	mm	28.5	28.5	33	38	44.5	60.5	60.5	63.5
	inches	1.12	1.12	1.30	1.50	1.75	2.38	2.38	2.50
N ⁽¹⁾	mm	34	34	38	45.5	56.5	76	76	92
	inches	1.34	1.34	1.50	1.83	2.22	3.00	3.00	3.62
O ⁽¹⁾	mm	46.5	54	60	67	75	85	98	109
	inches	2.02	2.13	2.56	2.64	3.15	3.19	3.97	4.29
P ⁽¹⁾	mm	62	72	82	90	102	115	125	140
	inches	2.72	2.83	3.47	3.55	4.25	4.96	5.20	5.51



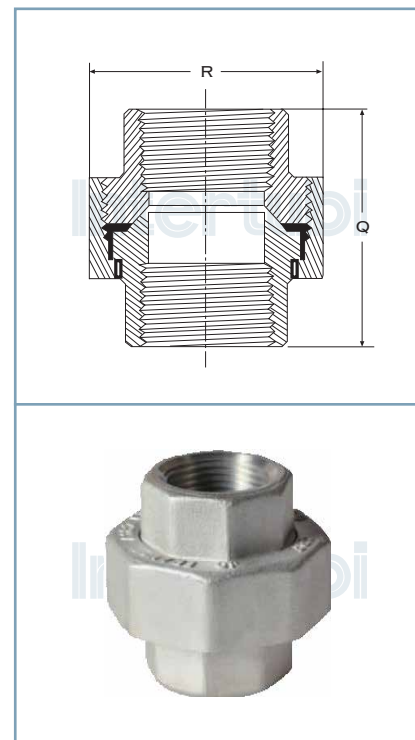
⁽¹⁾ Le dimensioni non elencate nell'ANSI B 16.11-1980 e BS 3799-1974 possono variare a seconda del produttore.

⁽¹⁾ Dimensions not listed in ANSI B 16.11-1980 and BS 3799-1974 may vary according to the manufacturer.

Filettatura conforme a ANSI B1.20.1 - Thread according to ANSI B 1.20.1

GIUNTO TRE PEZZI FEMMINA-FEMMINA
ANSI B16.11
3000 - 6000 LBS
FEMALE-FEMALE UNIONS
ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000				6000			
	Q ⁽¹⁾		R ⁽¹⁾		Q ⁽¹⁾		R ⁽¹⁾	
	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	42.5	1.67	36.0	1.42	54.0	2.13	46.0	1.81
3/8"	47.5	1.87	41.0	1.62	57.0	2.25	51.0	2.00
1/2"	52.0	2.05	46.0	1.81	69.0	2.72	60.0	2.36
3/4"	57.0	2.25	56.0	2.20	72.0	2.84	72.0	2.84
1"	63.0	2.48	65.0	2.56	80.0	3.15	80.0	3.15
1 1/4"	68.0	2.76	80.0	3.07	89.0	3.50	94.0	3.70
1 1/2"	78.0	3.07	88.0	3.39	108.0	4.25	100.0	3.94
2"	91.0	3.50	105.0	4.06	114.0	4.49	122.0	4.80
2 1/2"	120.0	4.49	122.0	4.80	130.0	5.13	144.0	5.67
3"	140.0	5.12	144.0	5.67	150.0	5.91	180.0	7.09
4"	148.0	5.91	200.0	7.09				


⁽¹⁾ Le dimensioni non elencate nell'ANSI B 16.11-1980 e BS 3799-1974 possono variare a seconda del produttore.

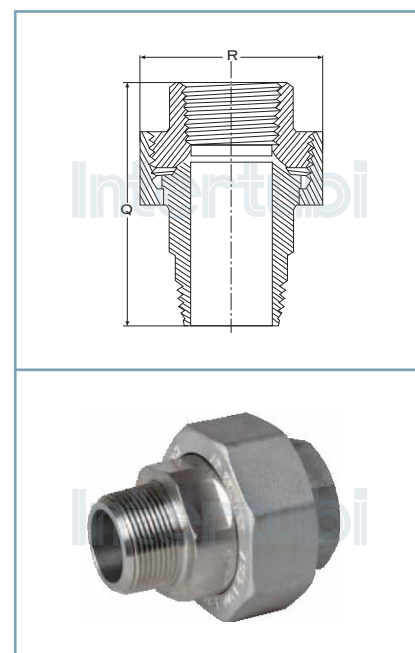
⁽¹⁾ Dimensions not listed in ANSI B 16.11-1980 and BS 3799-1974 may vary according to the manufacturer.

Filettatura conforme a ANSI B1.20.1

Thread according to ANSI B 1.20.1

GIUNTO TRE PEZZI MASCHIO-FEMMINA
ANSI B16.11
3000 - 6000 LBS
MALE-FEMALE UNIONS
ANSI B16.11
3000 - 6000 LBS

Diam. nominale Nominal pipe size	3000				6000			
	Q ⁽¹⁾		R ⁽¹⁾		Q ⁽¹⁾		R ⁽¹⁾	
	mm	inches	mm	inches	mm	inches	mm	inches
1/4"	61.0	2.48	32.0	1.26	82.5	2.86	46.0	1.81
3/8"	69.0	2.72	38.0	1.50	77.0	3.03	51.0	2.00
1/2"	75.0	3.03	46.0	1.81	94.5	3.72	60.0	2.36
3/4"	80.0	3.15	56.0	2.00	98.5	3.88	72.0	2.84
1"	90.0	3.82	65.0	2.36	108.0	4.25	80.0	3.15
1 1/4"	98.0	3.98	80.0	2.84	120.0	4.72	94.0	3.70
1 1/2"	100.0	4.33	88.0	3.15	138.0	5.44	100.0	3.94
2"	120.0	4.72	105.0	3.70	146.0	5.75	122.0	4.80


⁽¹⁾ Le dimensioni non elencate nell'ANSI B 16.11-1980 e BS 3799-1974 possono variare a seconda del produttore.

⁽¹⁾ Dimensions not listed in ANSI B 16.11-1980 and BS 3799-1974 may vary according to the manufacturer.

CODICI UTILIZZATI PER LA DESCRIZIONE DEGLI SWEDGE NIPPLES (nippli ridotti)

P.B.E.	Due estremità lisce	
P.L.E.	Diametro maggiore liscio	
P.S.E.	Diametro inferiore liscio	
B.B.E.	Due estremità smussate	
B.L.E.	Diametro maggiore smussato	
B.S.E.	Diametro inferiore smussato	
T.B.E.	Due estremità filettate	
T.L.E.	Diametro maggiore filettato	
T.S.E.	Diametro inferiore filettato	
B.O.E.	Un'estremità smussata] si applicano solo ai nippli da tubo
P.O.E.	Un'estremità liscia	
T.O.E.	Un'estremità filettata	

Si possono utilizzare due codici per lo stesso pezzo. Esempio: 1 Swage Nipple 3 X 2 BLE/TSE

Dunque:

- DIAMETRO MAGGIORE SMUSSATO
- DIAMETRO MINORE FILETTATO

CODE USED IN MATERIAL LIST OF SWEDGE NIPPLES (reduced nipples)

P.B.E.	Plain both ends	
P.L.E.	Plain large end	
P.S.E.	Plain small end	
B.B.E.	Beveled both ends	
B.L.E.	Beveled large end	
B.S.E.	Beveled small end	
T.B.E.	Threaded both ends	
T.L.E.	Threaded large end	
T.S.E.	Threaded small end	
B.O.E.	Beveled one end] for barrel nipples only
P.O.E.	Plain one end	
T.O.E.	Threaded one end	

Two codes may be used on the same item for example: 1 Swage Nipple 3 X 2 BLE/TSE

Which means:

- BEVELED LARGE END
- THREADED SMALL END