



Tierre Group S.p.a.
Via dell'Industria, 18 - 20032 - Cormano (MI) - Italy
Tel. +39 02 663088.1 - Fax +39 02 66304172
C.F. e P.IVA 12437570158
www.tierregroup.com - info@tierregroup.com

INDEX

 1410HN Pag.3	 1411HN Pag.3	 1412HN Pag.3	 1420HN Pag.4	 1421HN Pag.4	 1425HN Pag.4	 1426HN Pag.4
 1440HN Pag.4	 1445HN Pag.4	 1455HN Pag.5	 1461HN Pag.5	 1480HN Pag.5	 1485HN Pag.5	 1490HN Pag.5
 1492HN Pag.5	 1498HN Pag.5					

HIGH PRESSURE STANDARD FITTINGS

AISI 316

Technical specifications

applications	industrial, chemical and food plants
material	precision pipe fittings and adapters are available as standard stainless steel 316.
features	sizes ranges from 1/8" through 1" Pipe threads are available with, a - NPT (national pipe taper) and exceed the requirement of ANSI B1.20.1 b - BSP/ISO (british standard pipe / international standard organisation) All exposed threads protected with plastic caps to prevent damage and packed in sealed, clear plastic bag for cleanliness. - Working pressures calculated in accordance with power piping code ANSI B31.1 and refiner piping code ANSI B31.3 - Straight fittings machined from Bar Stock - Elbows, Tees and Crosses machined from close grain forgings

products in conformity with the directive 2002/95/EC **RoHS**

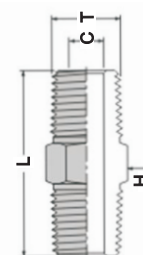
drawings and technical data are not binding

1410HN



nipple NPT thread

CODE	T	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1410TRHN18	N1/8	4,8	25,6	7/16	9100	620	1
1410TRHN14	N1/4	7,1	35,6	9/16	7500	510	1
1410TRHN38	N3/8	9,6	36,3	11/16	7200	490	1
1410TRHN12	N1/2	11,9	46,7	7/8	6600	450	1
1410TRHN34	N3/4	15,7	46,7	11/8	6400	435	1
1410TRHN1	N1	22,4	58,9	13/8	4600	313	1

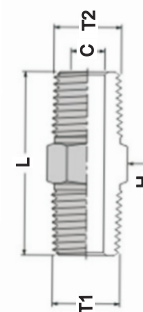


1411H



nipple NPT - BSPT thread

CODE	T1	T2	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1411TRHN18R18	N1/8	R1/8	4,8	25,6	7/16	9100	620	1
1411TRHN14R14	N1/4	R1/4	7,1	35,6	9/16	7500	510	1
1411TRHN38R38	N3/8	R3/8	9,6	36,3	11/16	7200	490	1
1411TRHN12R12	N1/2	R1/2	11,9	46,7	7/8	6600	450	1
1411TRHN34R34	N3/4	R3/4	15,7	46,7	11/8	6400	435	1
1411TRHN1R1	N1	R1	22,4	58,9	13/8	4600	313	1

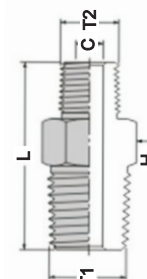


1412HN



reduced nipple NPT thread

CODE	T1	T2	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1412TRHN1418	N1/4	N1/8	4,8	31	9/16	7500	510	1
1412TRHN3818	N3/8	N1/8	4,8	31,8	1 1/16	7200	490	1
1412TRHN3814	N3/8	N1/4	7,1	36,3	1 1/16	7200	490	1
1412TRHN1218	N1/2	N1/8	4,8	37,3	7/8	6600	450	1
1412TRHN1214	N1/2	N1/4	7,1	41,9	7/8	6600	450	1
1412TRHN1238	N1/2	N3/8	9,6	41,9	7/8	6600	450	1
1412TRHN3414	N3/4	N1/4	7,1	41,9	1 1/8	6400	435	1
1412TRHN3438	N3/4	N3/8	9,6	41,9	1 1/8	6400	435	1
1412TRHN3412	N3/4	N1/2	11,9	46,7	1 1/8	6400	435	1
1412TRHN114	N1	N1/4	7,1	49,3	1 3/8	4600	315	1
1412TRHN112	N1	N1/2	11,9	54,1	1 3/8	4600	315	1
1412TRHN134	N1	N3/4	15,7	54,1	1 3/8	4600	315	1



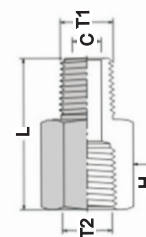
high pressure standard fittings

M NPT thread / F NPT thread enlarger

1420HN



CODE	T1	T2	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1420TRHN1418	N1/4	N1/8	4,8	32	3/4	6600	450	1
1420TRHN3814	N3/8	N1/4	7,1	38,1	7/8	5300	360	1
1420TRHN1214	N1/2	N1/8	7,1	44,7	1 1/16	5200	354	1
1420TRHN1238	N1/2	N3/8	9,6	44,4	1 1/16	5200	354	1
1420TRHN3412	N3/4	N1/2	11,9	51,3	1 5/16	4300	292	1
1420TRHN112	N1	N1/2	11,9	54,9	1 5/8	4500	306	1
1420TRHN134	N1	N3/4	15,7	55,1	1 5/8	4500	306	1



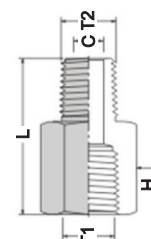
4

M NPT thread / F BSPT thread adapter

1421H



CODE	T1	T2	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1421TRHR14N14	R1/4	N1/4	5,6	30,2	3/4	5700	388	1
1421TRHR38N38	R3/8	N3/8	6,6	32,2	1 5/16	5700	388	1
1421TRHR12N12	R1/2	N1/2	7,1	42,7	1 1/16	3900	265	1

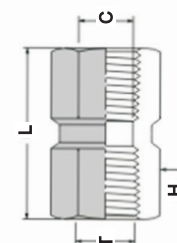


sleeve F/F NPT thread

1425HN



CODE	T	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1425TRHN18	N1/8	8,6	20,6	9/16	6400	435	1
1425TRHN14	N1/4	11,4	30,2	3/4	6600	450	1
1425TRHN38	N3/8	15	33,3	7/8	5300	360	1
1425TRHN12	N1/2	18,5	39,6	1 1/16	5200	354	1
1425TRHN34	N3/4	23,9	41,1	1 5/16	4300	292	1
1425TRHN1	N1	29,7	50,8	1 5/8	4500	306	1

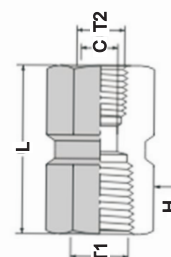


reduced sleeve F/F NPT thread

1426HN



CODE	T1	T2	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1426TRHN1418	N1/4	N1/8	8,6	31	3/4	6600	450	1
1426TRHN3814	N3/8	N1/4	11,4	35,1	7/8	5300	360	1
1426TRHN1214	N1/2	N1/4	11,4	44,4	1 1/16	5200	354	1
1426TRHN1238	N1/2	N3/8	15	45,2	1 1/16	5200	354	1
1426TRHN3412	N3/4	N1/2	18,5	52,3	1 5/16	4300	292	1
1426TRHN134	N1	N3/4	23,9	57,2	1 5/8	4500	306	1

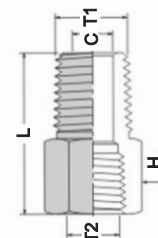


reducer M/F NPT thread

1440HN



CODE	T1	T2	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1440TRHN1418	N1/4	N1/8	7,1	26,9	9/16	6000	408	1
1440TRHN3814	N3/8	N1/4	9,6	30,2	3/4	5300	360	1
1440TRHN1214	N1/2	N1/4	11,4	27,4	7/8	6400	435	1
1440TRHN1238	N1/2	N3/8	11,9	35,8	7/8	4600	315	1
1440TRHN3438	N3/4	N3/8	15	27,4	1 1/8	5300	360	1
1440TRHN3412	N3/4	N1/2	15,7	41,4	1 1/8	4900	333	1
1440TRHN112	N1	N1/2	18,5	34,8	1 3/8	4600	315	1
1440TRHN134	N1	N3/4	22,4	47	1 3/8	4200	286	1

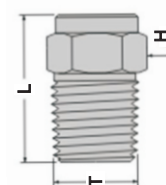


male plug NPT thread

1445HN



CODE	T	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1445TRHN18	N1/8	19,1	7/16	9700	660	1
1445TRHN14	N1/4	24,4	9/16	8000	544	1
1445TRHN38	N3/8	25,1	11/16	7600	517	1
1445TRHN12	N1/2	30,7	7/8	7000	477	1
1445TRHN34	N3/4	30,7	1 1/16	6800	463	1
1445TRHN1	N1	38,1	1 3/8	4900	333	1



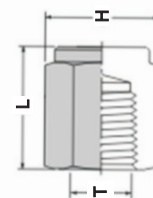
high pressure standard fittings

female plug NPT thread

1455HN



CODE	T	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1455TRHN18	N1/8	19,1	9/16	6400	435	1
1455TRHN14	N1/4	23,1	3/4	6600	450	1
1455TRHN38	N3/8	26,2	7/8	5300	360	1
1455TRHN12	N1/2	34	1 1/16	5200	354	1
1455TRHN34	N3/4	36,6	1 5/16	4300	292	1
1455TRHN1	N1	41,1	1 5/8	4500	306	1



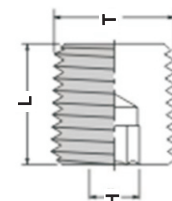
5

male plug NPT thread with exagon embedded

1461HN



CODE	T	L (mm)	H (inch)	
1461TRHN18	N1/8	10,4	3/16	1
1461TRHN14	N1/4	15	1/4	1
1461TRHN38	N3/8	15	5/16	1
1461TRHN12	N1/2	19,3	3/8	1

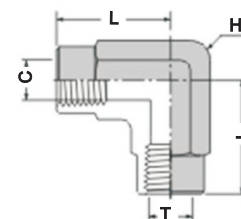


female elbow NPT thread

1480HN



CODE	T	ØC (mm)	L (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1480TRHN18	N1/8	8,6	26,4	9/16	5500	375	1
1480TRHN14	N1/4	11,4	29,7	3/4	5600	380	1
1480TRHN38	N3/8	15	36,1	7/8	5000	340	1
1480TRHN12	N1/2	18,5	39,6	1 1/16	4500	306	1
1480TRHN34	N3/4	23,9	48,8	1 5/16	3500	238	1
1480TRHN1	N1	29,7	48,5	1 5/8	3900	265	1

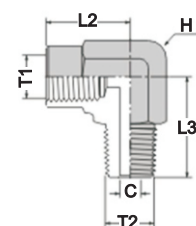


M/F elbow NPT thread

1485HN



CODE	T1	T2	ØC (mm)	L2 (mm)	L3 (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1485TRHN18	N1/8	N1/8	4,8	26,4	22,1	9/16	5500	375	1
1485TRHN14	N1/4	N1/4	7,1	29,7	29,7	3/4	5600	380	1
1485TRHN38	N3/8	N3/8	9,6	36,1	32	7/8	5600	380	1
1485TRHN12	N1/2	N1/2	11,9	39,6	39,6	1 1/16	4500	306	1
1485TRHN34	N3/4	N3/4	15,7	48,8	42,4	1 5/16	3500	238	1
1485TRHN1	N1	N1	22,4	48,5	49,3	1 5/8	3900	265	1

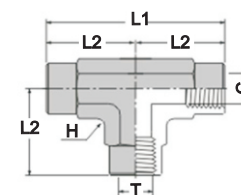


F/F/F tee NPT thread

1490HN



CODE	T	ØC (mm)	L1 (mm)	L2 (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1490TRHN18	N1/8	8,6	52,8	26,4	9/16	5500	375	1
1490TRHN14	N1/4	11,4	59,4	29,7	3/4	5600	380	1
1490TRHN38	N3/8	15	72,1	36,1	7/8	5000	340	1
1490TRHN12	N1/2	18,5	79,2	39,6	1 1/16	4500	306	1
1490TRHN34	N3/4	23,9	97,5	48,8	1 5/16	3500	238	1
1490TRHN1	N1	29,7	97	48,5	1 5/8	3900	265	1

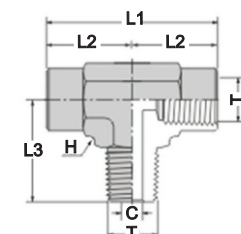


F/M/F tee NPT thread

1492HN



CODE	T	ØC (mm)	L1 (mm)	L2 (mm)	L3 (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1492TRHN18	N1/8	4,8	52,8	26,4	22,1	9/16	5500	374	1
1492TRHN14	N1/4	7,1	59,4	29,7	29,7	3/4	5600	380	1
1492TRHN38	N3/8	9,6	72,1	36,1	32	7/8	5000	340	1
1492TRHN12	N1/2	11,9	79,2	39,6	39,6	1 1/16	4500	306	1



F/F/F cross NPT thread

1498HN



CODE	T	ØC (mm)	L1 (mm)	L2 (mm)	H (inch)	Pressure (PSI)	Pressure (BAR)	
1498TRHN18	N1/8	8,6	52,8	26,4	9/16	5500	375	1
1498TRHN14	N1/4	11,4	59,4	29,7	3/4	5600	380	1
1498TRHN38	N3/8	15	72,1	36,1	7/8	5000	340	1
1498TRHN12	N1/2	18,5	79,2	39,6	1 1/16	4500	306	1
1498TRHN34	N3/4	23,9	97,5	48,8	1 5/16	3500	238	1
1498TRHN1	N1	29,7	97	48,5	1 5/8	3900	265	1

