



**Racorería Cierre Cónico 60° BSPP (Rosca GAS)**  
**Tapered Tightness Fittings 60° BSPP (BSPP Thread)**

**E****RACORERÍA PARA ALTA PRESIÓN ROSCA GAS**

El sistema de rosca de este tipo de racores es el empleado por la BRITISH STANDARD PIPE (ROSCA GAS WHITWORTH B.S.P.).

La presión máxima de servicio es de 300 Kg/cm<sup>2</sup>.

La unión a los tubos de conducción se realizará soldándolos con acero, a la autógena o al arco; una vez realizada la soldadura no se deberá enfriar bruscamente.

Los tubos que normalmente se utilizarán serán los de conducciones hidráulicas de acero estirado en frío y sin soldadura.

En la tabla adjunta se anotan las secciones de conducción para cada diámetro de rosca:

**I****RACCORDI PER ALTA PRESSIONE FILETTATURA GAS**

Il sistema di filettatura di questo tipo di raccordi viene impiegato dalla BRITISH STANDARD PIPE (FILETTATURA GAS WHITWORTH B.S.P.).

La pressione massima di servizio è di 300 Kg/cm<sup>2</sup>.

L'unione ai tubi della condotta verrà realizzata mediante saldatura in acciaio, autogena o ad arco. Dopo la saldatura dei pezzi, il raffreddamento deve essere graduale.

I tubi normalmente utilizzati sono in acciaio trafilato a freddo senza saldatura per condutture idrauliche.

Nella seguente tabella vengono riportate la sezioni delle condutture per ciascun diametro di filettatura:

**F****RACCORDS POUR HAUTE PRESSION FILETAGE GAZ**

Le système de filetage de ce type de raccords est utilisé par BRITISH STANDARD PIPE (FILETAGE GAS WHITWORTH B.S.P.).

La pression maximum de service est de 300 Kg/cm<sup>2</sup>.

L'accouplement des tubes de la conduite se fera par soudure en acier, autogène et à arc.

Après soudage des pièces, le refroidissement doit être progressif.

Les tubes utilisés normalement sont en acier tréfilé à froid sans soudures pour conduites hydrauliques.

Dans les tables suivantes figurent les sections des conduites pour chaque diamètre de filetage:

**GB****FITTINGS FOR HIGH PRESSURE GAS THREAD**

The thread system in this type of fitting is used by BRITISH STANDARD PIPE (B.S.P. WHITWORTH GAS THREAD).

Maximum operating pressure is 300 Kg/cm<sup>2</sup>.

The pipe/duct joint is effected through autogenous or arc welding with steel. After the pieces have been welded, cooling must be gradual.

Pipes generally used are made out of weldless cold-drawn steel for hydraulic ducts.

The following table shows the duct cross-section each thread diameter:

**D****HOCHDRUCKVERSCHRAUBUNGEN MIT GAS-GEWINDE**

Das Gewindegewinde dieses Verschraubungentypus wird von BRITISH STANDARD PIPE (GAS-GEWINDE WHITWORTH WITHWORTH B.S.P.) verwendet.

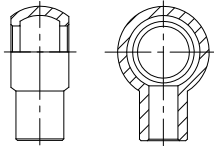
Der maximale Betriebsdruck beträgt 300 Kg/cm<sup>2</sup>.

Die Verbindung mit den Leitungsrohren erfolgt mit Stahl - Autogen - oder Bogenschweißverfahren. Nach dem Verschweißen der Stücke hat eine stufenweise Kühlung zu erfolgen.

Die in der Regel verwendeten Rohre bestehen aus kaltgezogenem Stahl ohne Schweißstellen für Wasserleitungen.

In der folgenden Tabelle sind die Querschnitte der Leitungen für jeden Gewindedurchmesser aufgeführt:

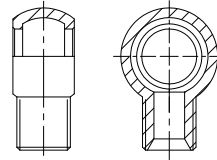
ROSCA DEL RACOR FILETTATURA DEL RACCORDO FILETAGE DU RACCORD FITTING THREAD ANSCHLUSSGEWINDE	SECCIÓN MÍNIMA CONDUCCIÓN (cm <sup>2</sup> ) SEZIONE MINIMA CONDUETTURA (cm <sup>2</sup> ) SECTION MINIMUM CONDUITE (cm <sup>2</sup> ) MINIMUM DUCT CROSS SECTION (cm <sup>2</sup> ) MIN. QUERSCHNITT D. LEITUNG (cm <sup>2</sup> )	CAUDAL MÁXIMO I/M / PORTATA MASSIMA I/M DEBIT MAXIMUM I/M / MAXIMUM CAPACITY I/M MAX. FÖRDERLEISTUNG I/min.	
		a / à / at / bei 1,5 m/s	a / à / at / bei 4 m/s
1/4"	0,28	2,52	6,72
3/8"	0,63	5,70	15,10
1/2"	1,13	10,20	27,10
3/4"	1,76	15,80	42,20
1"	3,14	28,20	75,30
1 1/4"	5,30	47,70	127,00
1 1/2"	8,55	77,00	205,00
2"			



30.01

Pag. 1

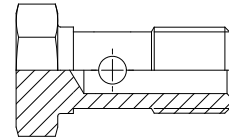
ESFÉRICA SOLDAR INTEGRAL  
WELDING BANJO  
UNION ORIENTABLE (BANJO) À SOUDER  
ANSCHWEIß -ACHWENKVERSCHAUBUNGEN  
RACCORDO ORIENTABILE A SILDARE



30.03

Pag. 1

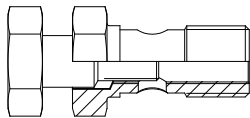
ESFÉRICA ROSCADA INTEGRAL  
BANJO  
UNION ORIENTABLE (BANJO) À VISER  
SCHWENKVERSCHAUBUNGEN  
RACCORDO ORIENTABILE



30.05

Pag. 1

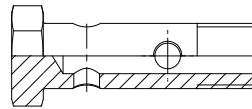
TORNILLO SIMPLE  
SINGLE PIN (FOR BANJO)  
VIS CREUSES SIMPLE (POUR UNION ORIENTABLE)  
HOHLSCHRAUBE (FÜR SCHWENKVERSCHAUBUNGEN)  
PERNO SIMPLE (PER RACCORDO ORIENTABILE)



30.10

Pag. 2

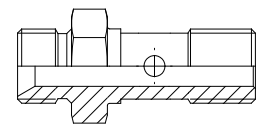
TORNILLO REGULADOR  
REGULATOR PIN



30.07

Pag. 2

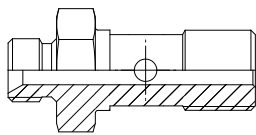
TORNILLO DOBLE  
DOUBLE PIN  
VIS CREUSES DOUBLES  
DOPPEL-HOHLSCHRAUBE  
PERNO DOBLE



30.09

Pag. 2

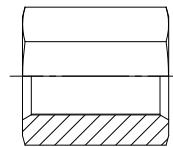
TORNILLO CON PROLONGACIÓN  
PIN WITH PROLONGATION  
VIS CREUSES AVEC PROLONGATION  
HOHLSCHRAUBE MIT VERLÄNGERUNG  
PERNO DI PROLONGAZIONE



30.11

Pag. 3

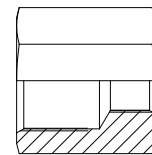
TORNILLO CON PROLONGACIÓN REDUCTORA  
PIN WITH PROLONGATION  
VIS CREUSES AVEC PROLONGATION DE REDUCTION  
HOHLSCHRAUBE MIT VERLÄNGERUNG REDUZIERT  
PERNO DI PROLONGAZIONE RIDOTTA



30.12

Pag. 3

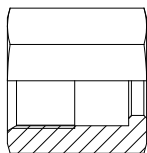
SUPLEMENTO HEMBRA FIJA (GAS CILÍNDRICO)  
ADAPTER FEMALE (B.S.P. PARALLEL)  
ADAPTEUR FEMELLE (GAZ CYLINDRIQUE)  
GERADE VERSCHRAUBUNG (WHITWORTH-ROHRGEWINDE  
ZYLINDRISCH)  
UNIONE FEMMINA (GAS CILINDRICA)



30.12 A

Pag. 3

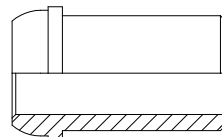
SUPLEMENTO REDUCTOR HEMBRA FIJA (GAS CILÍNDRICO)  
REDUCTION ADAPTER FEMALE (B.S.P. PARALLEL)  
ADAPTEUR FEMELLE (GAZ CILINDRIQUE)  
GERADE VERSCHRAUBUNG REDUZIERT  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
RIDUZIONE FEMMINA (GAS CILINDRICA)



30.13

Pag. 4

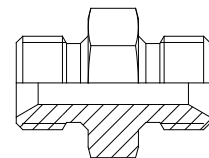
TUERCA UNIÓN  
NUT  
ECROU  
ÜBERWURFMUTTERN  
DADO



30.15

Pag. 4

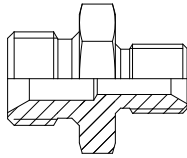
CONO DE AJUSTE  
WELDING NIPPLES  
EMBOUT À SOUDER  
SCHWEIßNIPPEL  
OGIVE A SILDARE



30.17

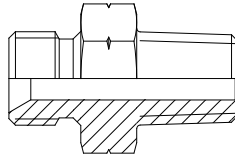
Pag. 5

EMPALME MACHO (GAS CILÍNDRICO)  
STRAIGHT ADAPTER MALE (B.S.P. PARALLEL)  
UNION DROIT MÂLE (GAZ CYLINDRIQUE)  
GERADE EINSCHRAUB-VERSCHAUBUNG  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE DIRITTA (GAS CILINDRICA)



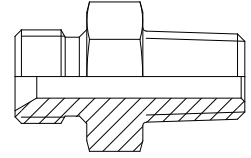
**30.19** Pag. 5

EMPALME MACHO REDUCTOR (GAS CILÍNDRICO)  
 REDUCTION STRAIGHT ADAPTER MALE (B.S.P. PARALLEL)  
 UNION DROIT DE REDUCTION MÂLE (GAZ CYLINDRIQUE)  
 GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE DIRITTA DI RIDUZIONE (GAS CILINDRICA)



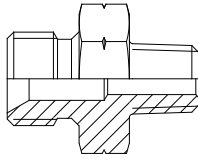
**30.23** Pag. 6

EMPALME MACHO (GAS CILÍNDRICO-NPTF)  
 STRAIGHT ADAPTER MALE (B.S.P. PARALLEL-NPTF)  
 UNION DROIT MÂLE (GAZ CYLINDRIQUE-NPTF)  
 GERADE EINSCHRAUB-VERSCHRAUBUNG  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-NPTF)  
 UNIONE DIRITTA (GAS CILINDRICA-NPTF)



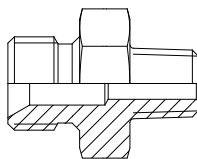
**30.24** Pag. 6

EMPALME MACHO (GAS CILÍNDRICO-GAS CÓNICO)  
 STRAIGHT ADAPTER MALE (B.S.P. PARALLEL-B.S.P.  
 TAPERED)  
 UNION DROIT MÂLE (GAZ CYLINDRIQUE-GAZ CONIQUE)  
 GERADE EINSCHRAUB-VERSCHRAUBUNG  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-KONISCH)  
 UNIONE DIRITTA (GAS CILINDRICA-GAS CONICA)



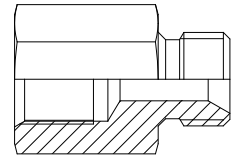
**30.25** Pag. 6

EMPALME MACHO REDUCTOR (GAS CILÍNDRICO-NPTF)  
 REDUCTION STRAIGHT ADAPTER MALE (B.S.P.  
 PARALLEL-NPTF)  
 UNION DROIT DE REDUCTION MÂLE (GAZ  
 CYLINDRIQUE-NPTF)  
 GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-NPTF)  
 UNIONE DIRITTA DI RIDUZIONE (GAS CILINDRICA-NPTF)



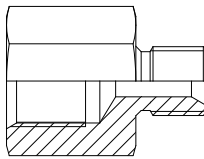
**30.26** Pag. 7

EMPALME MACHO REDUCTOR (GAS CILÍNDRICO-GAS  
 CÓNICO)  
 REDUCTION STRAIGHT ADAPTER MALE (B.S.P.  
 PARALLEL-B.S.P. TAPERED)  
 UNION DROIT DE REDUCTION MÂLE (GAZ CYLINDRIQUE-GAZ  
 CONIQUE)  
 GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-KONISCH)  
 UNIONE DIRITTA DI RIDUZIONE (GAS CILINDRICA-GAS  
 CONICA)



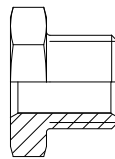
**30.27** Pag. 7

SUPLEMENTO MACHO-HEMBRA (GAS CILÍNDRICO)  
 ADAPTER MALE-FEMALE (B.S.P. PARALLEL)  
 ADAPTEUR MÂLE-FEMELLE (GAZ CILYNDRIQUE)  
 GERADE EINSCHRAUB-VERSCHRAUBUNG  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE MASCHIO-FEMMINA (GAS CILINDRICA)



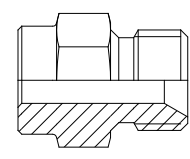
**30.29** Pag. 8

SUPLEMENTO REDUCTOR MACHO-HEMBRA (GAS  
 CILÍNDRICO)  
 REDUCTION ADAPTER MALE-FEMALE (B.S.P. PARALLEL)  
 ADAPTEUR DE REDUCTION MÂLE-FEMELLE (GAZ  
 CILYNDRIQUE)  
 GERADE AUFSCHRAUB-VERSCHRAUBUNG REDUZIERT  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 RIDUZIONE MASCHIO-FEMMINA (GAS CILINDRICA)



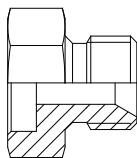
**30.31** Pag. 8

REDUCTOR MACHO-HEMBRA (GAS CILÍNDRICO)  
 REDUCTION ADAPTER MALE / FEMALE (B.S.P. PARALLEL)  
 ADAPTEUR DE REDUCTION MÂLE / FEMELLE (GAZ  
 CILYNDRIQUE)  
 GERADE AUFSCHRAUB-VERSCHRAUBUNG REDUZIERT  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 RIDUZIONE MASCHIO / FEMMINA (GAS CILINDRICA)



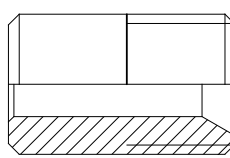
**30.35** Pag. 9

MACHO SOLDABLE CON HEXAGONAL, TESTA  
 MALE WELDING BOSSES  
 UNION SIMPLE À SOUDER MÂLE  
 GERADE ANSCHWEIßVERSCHRAUBUNGEN  
 RACCORDO DIRITO SALDABILE MASCHIO



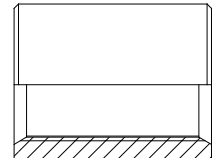
**30.37** Pag. 9

MACHO SOLDABLE CON HEXAGONAL, ENCAJE  
 MALE WELDING BOSSES  
 UNION SIMPLE À SOUDER MÂLE  
 GERADE ANSCHWEIßVERSCHRAUBUNGEN  
 RACCORDO DIRITO SALDABILE MASCHIO



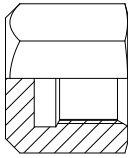
**30.39** Pag. 10

MACHO SOLDABLE CILÍNDRICO, TESTA  
 MALE WELDING BOSSES  
 UNION SIMPLE À SOUDER MÂLE  
 GERADE ANSCHWEIßVERSCHRAUBUNGEN  
 RACCORDO DIRITO SALDABILE MASCHIO



**30.41** Pag. 10

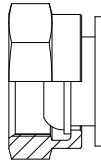
MANGUITO SOLDABLE CILÍNDRICO HEMBRA  
 FEMALE WELDING BOSSES  
 UNION SIMPLE À SOUDER FEMELLE  
 GERADE ANSCHWEIßVERSCHRAUBUNGEN  
 RACCORDO DIRITO SALDABILE FEMMINA



**30.43**

Pag. 10

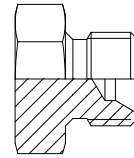
TUERCA CIEGA  
PLUG FOR FITTING  
OBTURATEUR POUR RACCORD  
VERSCHLUß-STOPFEN  
TAPPO PER RACCORDO



**30.44**

Pag. 11

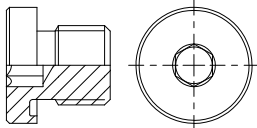
TAPÓN TUERCA LOCA (GAS CILÍNDRICO)  
ROTARY NUT PLUG (B.S.P. PARALLEL)  
BOUCHON ECROU PIVOTANT (GAZ CILYNDRIQUE)  
VERSCHLUSSTOPFEN MIT DREHMUTTERN  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
TAPPI DADO GIREVOLE (GAS CILINDRICA)



**30.45**

Pag. 11

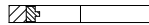
TAPÓN MACHO  
MALE PLUG  
OBTURATEUR MÂLE  
VERSCHLUßTEIL  
TAPPO MASCHIO



**30.45.10**

Pag. 12

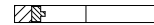
TAPÓN CILÍNDRICO HEX. INTERIOR Y JUNTA TÓRICA  
INNER HEXAGON PLUG PACKING RING  
BOUCHON CYLINDRIQUE HEX. INTERNE JOINT EN  
CAOUTCHOUC  
VERSCHLUSSTOPFEN MIT INENSECHSKANT  
GUMMIDICHTUNG  
TAPPI CILINDRICI ESAGONO INCASSATO GUARNIZIONE  
GOMMA



**30.47**

Pag. 12

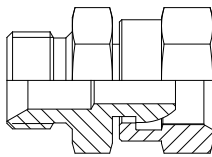
JUNTA METAL-GOMA (PULGADAS)  
BONDED SEALS  
JOINT METAL-GOMME  
DISTRINGE MIT BUNAEILAGE  
RONDELLA RONDED



**30.47.01**

Pag. 12

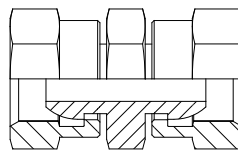
JUNTA METAL-GOMA (MÉTRICO)  
BONDED SEALS  
JOINT METAL-GOMME  
DISTRINGE MIT BUNAEILAGE  
RONDELLA RONDED



**30.49**

Pag. 13

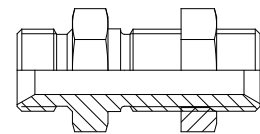
ADAPTADOR MF-TL REDUCTOR (GAS CILÍNDRICO)  
REDUCTION STRAIGHT ADAPTER MALE/ROTARY NUT (B.S.P. PARALLEL)  
ADAPTEUR DE REDUCTION MÂLE/ECROU PIVOTANT (GAZ CILYNDRIQUE)  
GERADE EINSCHRAUB-STUTZEN MIT DREHMUTTERN REDUZIERT (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE DIRITTA DI RIDUZIONE MASCHIO/DADO GIREVOLE (GAS CILINDRICA)



**30.50**

Pag. 14

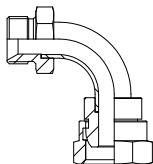
ADAPTADOR TL-TL (GAS CILÍNDRICO)  
STRAIGHT ADAPTER ROTARY NUT (B.S.P. PARALLEL)  
ADAPTEUR ECROU PIVOTANT (GAZ CILYNDRIQUE)  
GERADE MIT DREHMUTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE DIRITTA DADO GIREVOLE (GAS CILINDRICA)



**30.51**

Pag. 14

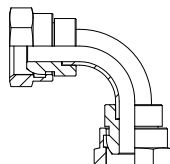
EMPALME PASATABIQUES (GAS CILÍNDRICO)  
BULKHEAD CONNECTION (B.S.P. PARALLEL)  
UNION TRAVERSÉE DROITE (GAZ CILYNDRIQUE)  
GERADE SCHOTTVERSCHRAUBUNGEN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE PASSAPARATIA DIRITTA (GAS CILINDRICA)



**30.53**

Pag. 15

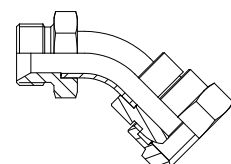
CODO 90° ACCESORIAL MF-TL  
ADAPTER 90° MALE/ROTARY NUT  
ADAPTATEUR 90° MÂLE/ECROU PIVOTANT  
GERADE 90° EINSCHRAUB-STUTZEN MIT DREHMUTTERN  
UNIONE 90° MASCHIO/DADO GIREVOLE



**30.54**

Pag. 15

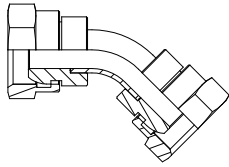
CODO 90° ACCESORIAL TL-TL  
ADAPTER 90° ROTARY NUT  
ADAPTATEUR 90° ECROU PIVOTANT  
GERADE 90° MIT DREHMUTTERN  
UNIONE 90° DADO GIREVOLE



**30.55**

Pag. 15

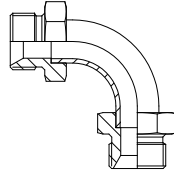
CODO 45° ACCESORIAL MF-TL  
ADAPTER 45° MALE/ROTARY NUT  
ADAPTATEUR 45° MÂLE/ECROU PIVOTANT  
GERADE 45° EINSCHRAUB-STUTZEN MIT DREHMUTTERN  
UNIONE 45° MASCHIO/DADO GIREVOLE



**30.56**

Pag. 16

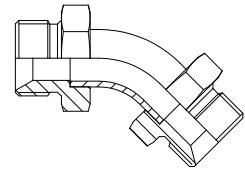
CODO 45° ACCESORIAL TL-TL  
ADAPTER 45° ROTARY NUT  
ADAPTATEUR 45° ECROU PIVOTANT  
GERADE 45° MIT DREHMUTTERN  
UNIONE 45° DADO GIREVOLE



**30.57**

Pag. 16

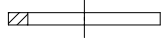
CODO 90° ACCESORIAL MF-MF  
ADAPTER 90° MALE  
ADAPTATEUR 90° MÂLE  
GERADE 90° EINSCHRAUB  
UNIONE 90° MASCHIO



**30.58**

Pag. 16

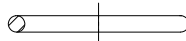
CODO 45° ACCESORIAL MF-MF  
ADAPTER 45° MALE  
ADAPTATEUR 45° MÂLE  
GERADE 45° EINSCHRAUB  
UNIONE 90° MASCHIO



**30.61**

Pag. 17

ARANDELA HIERRO (GAS)  
METAL RING (B.S.P. PARALLEL)  
JOINT METAL (GAZ CYLINDRIQUE)  
DISTRINGE (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
RONDELLA (GAS CILINDRICA)



**30.63**

Pag. 17

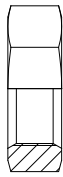
JUNTA TÓRICA  
O-RING  
JOINT  
DICHTUNG  
GUARNIZIONE



**30.63.10**

Pag. 17

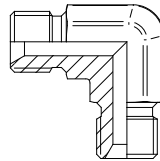
JUNTA ED (GAS)  
ED JOINT (B.S.P. PARALLEL)  
JOINT ED (GAZ CYLINDRIQUE)  
DICHTUNG ED  
GUARNIZIONE ED



**30.65**

Pag. 18

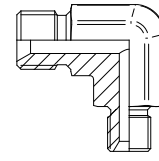
TUERCA PASATABIQUES  
NUT FOR BLUKHEAD CONNECTION  
ECROU POUR UNION TRAVERSEE  
MUTTERN FÜR GERADE SCHOTTVERSHRAUBUNGEN  
DADO PER UNIONE PASSAPARATIA



**34.01**

Pag. 18

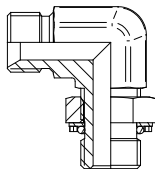
CODO 90° MACHO (GAS CILINDRICO)  
ELBOW MALE COUPLING 90° (B.S.P. PARALLEL)  
UNION COUDE 90° MÂLE (GAZ CYLINDRIQUE)  
WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90°  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE GOMITO 90° MASCHIO (GAS CILINDRICA)



**34.03**

Pag. 18

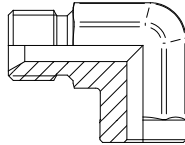
CODO 90° REDUCTOR MF (GAS CILINDRICO)  
REDUCTION ELBOW MALE COUPLING 90° (B.S.P. PARALLEL)  
UNION COUDE 90° DE REDUCTION MÂLE (GAZ CYLINDRIQUE)  
WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90°REDUZIERT  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE GOMITO 90° MASCHIO (GAS CILINDRICA)



**34.05**

Pag. 19

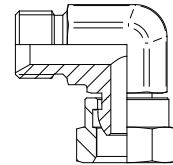
CODO 90° ORIENTABLE (GAS CILINDRICO)  
ELBOW MALE COUPLING 90° (B.S.P. PARALLEL)  
COUDE MÂLE 90° (GAZ CYLINDRIQUE)  
EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
GOMITO MASCHIO 90° (GAS CILINDRICA)



**34.07**

Pag. 19

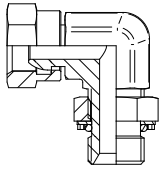
CODO 90° SOLDABLE (GAS CILINDRICO)  
WELDING ELBOW 90° (B.S.P. PARALLEL)  
COUDE 90° À SOUDER  
WINKEL ANSCHWEIßVERSCHRAUBUNGEN  
GOMITO 90° SALDABILE



**34.09**

Pag. 20

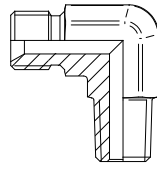
CODO 90° MF-TL (GAS CILINDRICO)  
ELBOW COUPLING 90° ROTARY NUT (B.S.P. PARALLEL)  
UNION COUDE 90° ECROU PIVOTANT (GAZ CYLINDRIQUE)  
WINKEL-EINSCHRAUB VERSCHRAUBUNGEN 90°  
DREHMUTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE GOMITO 90° DADO GIREVOLE (GAS CILINDRICA)



34.10

Pag. 20

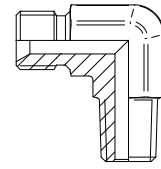
CODO 90° ORIENTABLE-TL (GAS CILÍNDRICO)  
 ELBOW MALE COUPLING 90° ROTARY NUT (B.S.P. PARALLEL)  
 COUDE MÂLE 90° ECROU PIVOTANT (GAZ CYLINDRIQUE)  
 EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG 90°  
 DREHMOTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 GOMITO 90° MASCHIO DADO GIREVOLE (GAS CILINDRICA)



34.11

Pag. 20

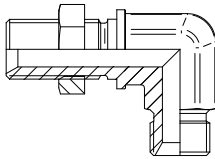
CODO 90° MF-MF (GAS CILÍNDRICO-NPTF)  
 ELBOW MALE COUPLING 90° (B.S.P. PARALLEL-NPTF)  
 COUDE MÂLE 90° (GAZ CYLINDRIQUE-NPTF)  
 WINKEL-EINSCHRAUB VERSCHRAUBUNG 90°  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-NPTF)  
 GOMITO MASCHIO 90° (GAS CILINDRICA-NPTF)



34.12

Pag. 21

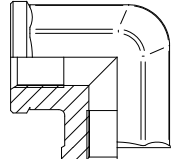
CODO 90° MF-MF (GAS CILÍNDRICO-GAS CÓNICO)  
 ELBOW MALE COUPLING 90° (B.S.P. PARALLEL-B.S.P. TAPERED)  
 COUDE MÂLE 90° (GAZ CYLINDRIQUE-GAZ CONIQUE)  
 WINKEL-EINSCHRAUB VERSCHRAUBUNG 90°  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-KONISCH)  
 GOMITO MASCHIO 90° (GAS CILINDRICA-GAS CONICA)



34.13

Pag. 21

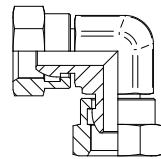
CODO 90° PASATABIQUES (GAS CILÍNDRICO)  
 BULKHEAD ELBOW 90° (B.S.P. PARALLEL)  
 UNION TRAVERSEE COUDE 90° (GAZ CYLINDRIQUE)  
 WINKEL-SCHOTTVERSCHRAUBUNGEN 90°  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE PASSAPARATIA GOMITO 90° (GAS CILINDRICA)



34.15

Pag. 21

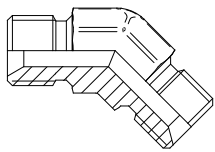
CODO 90° HEMBRA (GAS CILÍNDRICO)  
 ELBOW FEMALE COUPLING 90° (B.S.P. PARALLEL)  
 UNION COUDE 90° FEMELLE  
 WINKEL AUFSCHRAUB-VERSCHRAUBUNGEN 90°  
 UNIONE GOMITO 90° FEMMINA



34.19

Pag. 22

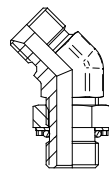
CODO 90° TL-TL (GAS CILÍNDRICO)  
 ELBOW COUPLING 90° ROTARY NUT (B.S.P. PARALLEL)  
 UNION COUDE 90° ECROU PIVOTANT (GAZ CYLINDRIQUE)  
 WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90°  
 DREHMUTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE GOMITO 90° DADO GIREVOLE (GAS CILINDRICA)



34.41

Pag. 22

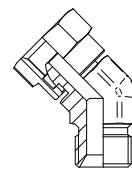
CODO 45° MACHO (GAS CILÍNDRICO)  
 ELBOW MALE COUPLING 45° (B.S.P. PARALLEL)  
 COUDE MÂLE 45° (GAZ CYLINDRIQUE)  
 EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG 45°  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 GOMITO MASCHIO 45° (GAS CILINDRICA)



34.45

Pag. 22

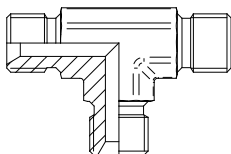
CODO 45° ORIENTABLE (GAS CILÍNDRICO)  
 ELBOW MALE COUPLING 45° (B.S.P. PARALLEL)  
 COUDE MÂLE 45° (GAZ CYLINDRIQUE)  
 EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG 45°  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 GOMITO MASCHIO 45° (GAS CILINDRICA)



34.49

Pag. 23

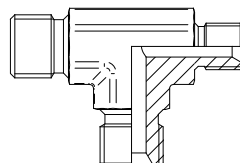
CODO 45° MF-TL (GAS CILÍNDRICO)  
 ELBOW COUPLING 45° ROTARY NUT (B.S.P. PARALLEL)  
 UNION COUDE 45° ECROU PIVOTANT (GAZ CYLINDRIQUE)  
 WINKEL-EINSCHRAUB VERSCHRAUBUNGEN 45°  
 DREHMUTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE GOMITO 45° DADO GIREVOLE (GAS CILINDRICA)



34.51

Pag. 23

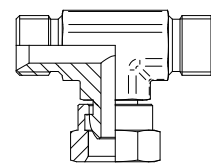
TE MACHO (GAS CILÍNDRICO)  
 "T" ADAPTER MALE (B.S.P. PARALLEL)  
 UNION "T" MÂLE (GAZ CYLINDRIQUE)  
 T-VERSCHRAUBUNGEN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE A "T" MASCHIO (GAS CILINDRICA)



34.53

Pag. 23

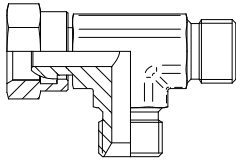
TE REDUCTOR MACHO (GAS CILÍNDRICO)  
 REDUCTION "T" ADAPTER MALE  
 UNION "T" DE REDUCTION MÂLE  
 T-VERSCHRAUBUNGEN REDUZIERERT  
 UNIONE A "T" RIDUZIONE MASCHIO



34.55

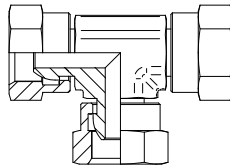
Pag. 24

TE MF-TL CENTRAL (GAS CILÍNDRICO)  
 "T" OF LINE WITH ROTARY NUT (B.S.P. PARALLEL)  
 "T" DE LIGNE AVEC ECROU PIVOTANT (GAZ CYLINDRIQUE)  
 "T" AUFSCHRAUB-VERSCHRAUBUNG  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 "T" DI LINEA CON DADO GIREVOLE (GAS CILINDRICA)



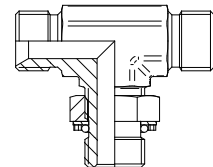
**34.59** Pag. 24

TE MF-TL LATERAL (GAS CILÍNDRICO)  
DERIVATING "T" WITH ROTARY NUT (B.S.P. PARALLEL)



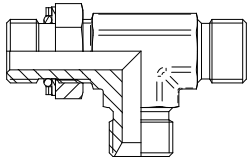
**34.60** Pag. 24

TE TUERCA LOCA (GAS CILÍNDRICO)  
SWIVEL NUT UNION TEE (B.S.P. PARALLEL)



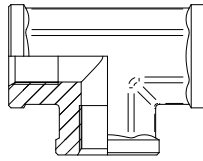
**34.61** Pag. 25

TE MF-ORIENTABLE CENTRAL (GAS CILÍNDRICO)  
BRANCH TEE-ADJUSTABLE (B.S.P. PARALLEL)  
"T" MÂLE DE LIGNE-ORIENTABLE (GAZ CYLINDRIQUE)  
EINSTELLBARE "T" EINSCHRAUB VERSCHRAUBUNG  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
"T" MASCHIO DI LINEA-ORIENTABILE (GAS CILÍNDRICA)



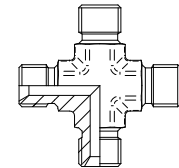
**34.63** Pag. 25

TE MF-ORIENTABLE LATERAL (GAS CILÍNDRICO)  
RUN TEE-ADJUSTABLE (B.S.P. PARALLEL)  
"T" MÂLE DE DERIVATION-ORIENTABLE (GAZ CYLINDRIQUE)  
EINSTELLBARE "L" EINSCHRAUB VERSCHRAUBUNG  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
"T" MASCHIO DI LINEA-ORIENTABILE (GAS CILÍNDRICA)



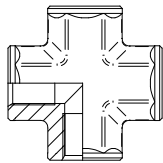
**34.65** Pag. 25

TE HEMBRA (GAS CILÍNDRICO)  
"T" ADAPTER FEMALE (B.S.P. PARALLEL)  
UNION "T" FEMELLE  
"T" AUFSCRAUB-VERSCHRAUBUNGEN  
UNIONE A "T" FEMMINA



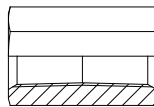
**34.90** Pag. 26

CRUZ MACHO (GAS CILÍNDRICO)  
UNION CROSS MALE. (B.S.P. PARALLEL)  
ADAPTEUR CROIX MÂLE  
KREUZADAPTER STUTZEN  
RACCORDI INTERMEDI A CROCE MASCHIO



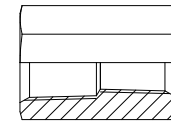
**34.95** Pag. 26

CRUZ HEMBRA (GAS CILÍNDRICO)  
UNION CROSS FEMALE. (B.S.P. PARALLEL)  
ADAPTEUR CROIX FEMELLE  
KREUZADAPTER  
RACCORDI INTERMEDI A CROCE FEMMINA



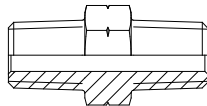
**N30.12** Pag. 26

SUPLEMENTO HEMBRA FIJA NPTF  
ADAPTER FEMALE NPTF  
ADAPTEUR FEMELLE NPTF  
GERADE VERSCHRAUBUNG NPTF  
UNIONE FEMMINA NPTF



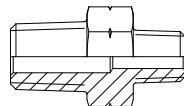
**N30.12A** Pag. 27

SUPLEMENTO REDUCTOR HEMBRA FIJA NPTF  
REDUCTION ADAPTER FEMALE NPTF  
ADAPTEUR FEMELLE NPTF  
GERADE VERSCHRAUBUNG REDUZIERT NPTF  
RIDUZIONE FEMMINA NPTF



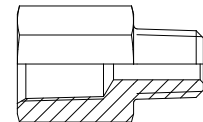
**N30.17** Pag. 27

EMPALME MACHO NPTF  
STRAIGHT ADAPTER MALE NPTF  
UNION DROIT MÂLE NPTF  
GERADE EINSCHRAUB-VERSCHRAUBUNG NPTF  
UNIONE DIRITTA NPTF



**N30.19** Pag. 27

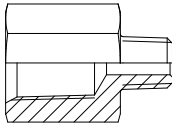
EMPALME MACHO REDUCTOR NPTF  
REDUCTION STRAIGHT ADAPTER MALE NPTF  
UNION DROIT DE REDUCTION MÂLE NPTF  
GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT NPTF  
UNIONE DIRITTA DI RIDUZIONE NPTF



**N30.27** Pag. 28

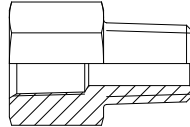
SUPLEMENTO MACHO-HEMBRA NPTF  
ADAPTER MALE/FEMALE NPTF  
ADAPTEUR MÂLE/FEMELLE NPTF  
GERADE EINSCHRAUB-VERSCHRAUBUNG NPTF  
UNIONE MASCHIO-FEMMINA NPTF



**N30.29**

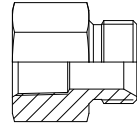
Pag. 28

SUPLEMENTO REDUCTOR MACHO-HEMBRA NPTF  
REDUCTION ADAPTER MALE-FEMALE NPTF  
ADAPTEUR DE REDUCTION MÂLE NPTF  
GERADE AUFSCHRAUB-VERSCHRAUBUNG NPTF  
RIDUZIONE MASCHIO-FEMMINA NPTF

**N30.31**

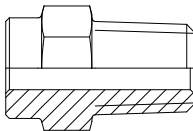
Pag. 28

REDUCTOR MACHO-HEMBRA NPTF  
REDUCTION MALE-FEMALE NPTF  
ADAPTEUR DE REDUCTION MÂLE-FEMELLE  
GERADE AUFSCHRAUB-VERSCHRAUBUNG REDUZIERT NPTF  
RIDUZIONE MASCHIO-FEMMINA NPTF

**N30.32**

Pag. 29

ADAPTADOR HEMBRA NPTF-MACHO GAS  
ADAPTER NPTF FEMALE-MALE B.S.P. PARALLEL  
ADAPTEUR FEMELLE NPTF-MÂLE GAZ CYLINDRIQUE  
GERADE EINSCHRAUB-VERSCHRAUBUNG  
WHITWORTH-ROHRGEWINDE ZYLINDRISCH  
UNIONE FEMMINA NPTF-MASCHIO GAS CILINDRICA

**N30.35**

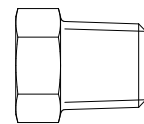
Pag. 29

MACHO SOLDABLE NPTF CON HEXAGONAL, TESTA  
MALE WELDING BOSSES NPTF  
UNION SIMPLE A SOUDER MÂLE NPTF  
GERADE ANSCHWEIßVERSCHRAUBUNGEN NPTF  
RACCORDO DIRITO SALDABILE MASCHIO NPTF

**N30.43**

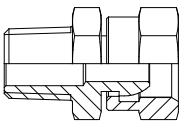
Pag. 29

TUERCA CIEGA NPTF  
PLUG FOR FITTING NPTF  
OBTURATEUR POUR RACCORD NPTF  
VERSCHLUß-STOPFEN NPTF  
TAPPO PER RACCORDO NPTF

**N30.45**

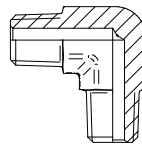
Pag. 29

TAPÓN MACHO NPTF  
MALE PLUG NPTF  
OBTURATEUR MÂLE NPTF  
VERSCHLUßTEIL NPTF  
TAPPO MASCHIO NPTF

**N30.49**

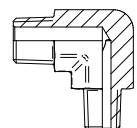
Pag. 30

ADAPTADOR MF NPTF-TL (GAS CILÍNDRICO)  
STRAIGHT ADAPTER MALE NPTF/ROTARY NUT (B.S.P.  
PARALLEL)  
ADAPTEUR MÂLE NPTF/ECROU PIVOTANT (GAZ  
CILYNDRIQUE)  
GERADE EINSCHRAUB NPTF-STUTZEN MIT DREHMÜTTERN  
(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
UNIONE DIRITTA MASCHIO NPTF/DADO GIREVOLE (GAS  
CILINDRICA)

**N34.01**

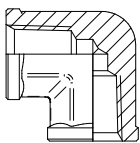
Pag. 30

CODO 90° MACHO NPTF  
ELBOW MALE 90° NPTF  
UNION COUDE 90° MÂLE NPTF  
WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90° NPTF  
UNIONE GOMITO 90° MASCHIO NPTF

**N34.03**

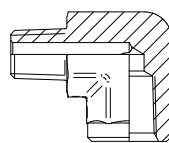
Pag. 30

CODO 90° REDUCTOR MF-MF NPTF  
REDUCTION ELBOW MALE COUPLING 90° NPTF  
UNION COUDE 90° DE REDUCTION MÂLE NPTF  
WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90° REDUZIERT  
NPTF  
UNIONE GOMITO 90° MASCHIO NPTF

**N34.15**

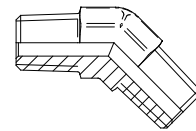
Pag. 31

CODO 90° HEMBRA NPTF  
ELBOW FEMALE COUPLING 90° NPTF  
UNION COUDE 90° FEMELLE NPTF  
WINKEL AUFSCHRAUB-VERSCHRAUBUNGEN 90° NPTF  
UNIONE GOMITO 90° FEMMINA NPTF

**N34.16**

Pag. 31

CODO 90° MACHO-HEMBRA NPTF  
ELBOW MALE-FEMALE COUPLING 90° NPTF  
UNION COUDE 90° MÂLE-FEMELLE NPTF  
WINKEL AUFSCHRAUB-VERSCHRAUBUNGEN 90° NPTF  
UNIONE GOMITO 90° MASCHIO-FEMMINA NPTF

**N34.41**

Pag. 31

CODO 45° MACHO NPTF  
ELBOW MALE COUPLING 45° NPTF  
COUDE MÂLE 45° NPTF  
EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG 45°  
NPTF  
GOMITO MASCHIO 45° NPTF



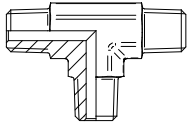
**N34.46** Pag. 32

CODO 45° HEMBRA NPTF  
 ELBOW FEMALE COUPLING 45° NPTF  
 COUDE FEMELLE 45° NPTF  
 EINSTELLBARE AUFSCHRAUB-VERSCHRAUBUNGEN 45° NPTF  
 GOMITO FEMMINA 45° NPTF



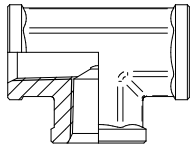
**N34.47** Pag. 32

CODO 45° MACHO-HEMBRA NPTF  
 ELBOW COUPLING 45° MALE-FEMALE NPTF  
 UNION COUDE 45° MÂLE-FEMELLE  
 WINKEL AUFSCHRAUB-EINSCHRAUB ERSCHRAUBUNGEN 45° NPTF  
 UNIONE GOMITO 45° MASCHIO-FEMMINA NPTF



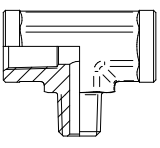
**N34.51** Pag. 32

TE MACHO NPTF  
 "T" ADAPTER MALE NPTF  
 UNION "T" MÂLE NPTF  
 T-VERSCHRAUBUNGEN NPTF  
 UNIONE A "T" MASCHIO NPTF



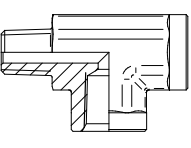
**N34.65** Pag. 33

TE HEMBRA NPTF  
 "T" ADAPTER FEMALE NPTF  
 UNION "T" FEMELLE NPTF  
 "T" AUFSCHRAUB-VERSCHRAUBUNGEN NPTF  
 UNIONE A "T" FEMMINA NPTF



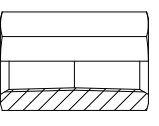
**N34.66** Pag. 33

TE HEMBRA-MACHO CENTRAL NPTF  
 "T" OF LINE FEMALE-MALE NPTF  
 "T" DE LIGNE FEMELLE-MÂLE NPTF  
 EINSTELLBARE "T" AUFSCHRAUB-EINSCHRAUB VERSCHRAUBUNG NPTF  
 "T" DI LINEA FEMMINA-MASCHIO NPTF



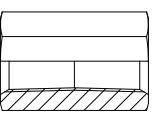
**N34.67** Pag. 33

TE HEMBRA-MACHO LATERAL NPTF  
 DERIVATING "T" FEMALE-MALE NPTF  
 "T" DE DERIVATION FEMELLE-MÂLE NPTF  
 ABLEITUNG "T" AUFSCHRAUB-EINSCHRAUB NPTF  
 "T" DE DERIVAZIONI FEMMINA-MASCHIO NPTF



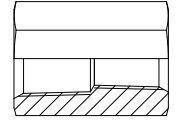
**N34.95** Pag. 34

CRUZ HEMBRA NPTF  
 UNION CROSS FEMALE NPTF  
 ADAPTEUR CROIX FEMELLE NPTF  
 KREUZADAPTEN NPTF  
 RACCORDI INTERMEDI A CROCE FEMMINA NPTF



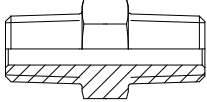
**B30.12** Pag. 34

SUPLEMENTO HEMBRA FIJA BSPT  
 ADAPTER FEMALE B.S.P TAPERED  
 ADAPTEUR FEMELLE BSPT  
 GERADE VERSCHRAUBUNG BSPT  
 UNIONE FEMMINA BSPT



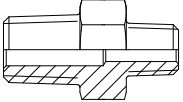
**B30.12A** Pag. 34

SUPLEMENTO REDUCTOR HEMBRA FIJA BSPT  
 REDUCTION ADAPTER FEMALE B.S.P. TAPERED  
 ADAPTEUR FEMELLE BSPT  
 GERADE VERSCHRAUBUNG REDUZIERT BSPT  
 RIDUZIONE FEMMINA BSPT



**B30.17** Pag. 35

EMPALME MACHO BSPT  
 STRAIGHT ADAPTER MALE BSPT  
 UNION DROIT MÂLE BSPT  
 GERADE EINSCHRAUB-VERSCHRAUBUNG BSPT  
 UNIONE DIRITTA BSPT



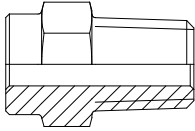
**B30.19** Pag. 35

EMPALME MACHO REDUCTOR BSPT  
 REDUCTION STRAIGHT ADAPTER MALE BSPT  
 UNION DROIT DE REDUCTION MÂLE BSPT  
 GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT BSPT  
 UNIONE DIRITTA DI RIDUZIONE BSPT



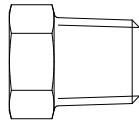
**B30.31** Pag. 35

REDUCTOR MACHO-HEMBRA BSPT  
 REDUCTION MALE-FEMALE BSPT  
 ADAPTEUR DE REDUCTION MÂLE-FEMELLE BSPT  
 GERADE AUFSCHRAUB-VERSCHRAUBUNG REDUZIERT BSPT  
 RIDUZIONE MASCHIO-FEMMINA BSPT

**B30.35**

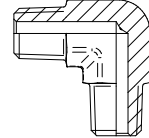
Pag. 36

MACHO SOLDABLE BSPT CON HEXAGONAL, TESTA  
 MALE WELDING BOSSES BSPT  
 UNION SIMPLE A SOUDER MÂLE BSPT  
 GERADE ANSCHWEIßVERSCHRAUBUNGEN BSPT  
 RACCORDO DIRITO SALDABLE MASCHIO BSPT

**B30.45**

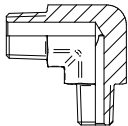
Pag. 36

TAPÓN MACHO BSPT  
 MALE PLUG BSPT  
 OBTURATEUR MÂLE BSPT  
 VERSCHLUßTEIL BSPT  
 TAPPO MASCHIO BSPT

**B34.01**

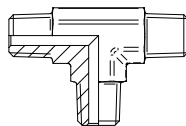
Pag. 36

CODO 90° MACHO BSPT  
 ELBOW MALE 90° BSPT  
 UNION COUDE 90° MÂLE BSPT  
 WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90° BSPT  
 UNIONE GOMITO 90° MASCHIO BSPT

**B34.03**

Pag. 37

CODO 90° REDUCTOR MF-MF BSPT  
 REDUCTION ELBOW MALE COUPLING 90° BSPT  
 UNION COUDE 90° DE REDUCTION MÂLE BSPT  
 WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90° REDUZIERT  
 BSPT  
 UNIONE GOMITO 90° MASCHIO BSPT

**B34.51**

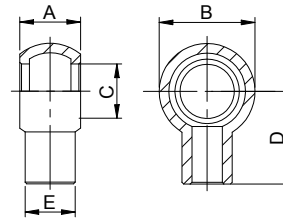
Pag. 37

TE MACHO BSPT  
 "T" ADAPTER MALE BSPT  
 UNION "T" MÂLE BSPT  
 T-VERSCHRAUBUNGEN BSPT  
 UNIONE A "T" MASCHIO BSPT



30.01

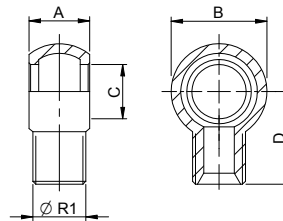
ESFÉRICA SOLDAR INTEGRAL  
 WELDING BANJO  
 UNION ORIENTABLE (BANJO) À SOUDER  
 ANSCHWEIß -ACHWENKVERSCHAUBUNGEN  
 RACCORDO ORIENTABILE A SALDARE



Ref.	A	B	C	D	E
30.01.00.02	10	17	10	20	9
30.01.00.04	14	24	13,4	25	12,2
30.01.00.06	17,5	28	17	29	15,7
30.01.00.08	22	35	21,2	33	19,7
30.01.00.12	28	45	26,8	38	25,1
30.01.00.16	38	58	33,5	45	31,6
30.01.00.20	45	75	42,2	57,5	40
30.01.00.24	53	80	48	60	45

30.03

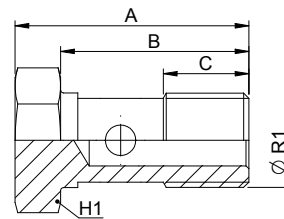
ESFÉRICA ROSCADA INTEGRAL  
 BANJO  
 UNION ORIENTABLE (BANJO) À VISER  
 SCHWENKVERSCHAUBUNGEN  
 RACCORDO ORIENTABILE



Ref.	A	B	C	D	ØR1
30.03.00.02	10	17	10	20	1/8
30.03.00.04	14	24	13,4	25	1/4
30.03.00.06	17,5	28	17	29	3/8
30.03.00.08	22	35	21	33	1/2
30.03.08.06	22	35	21	33	3/8
30.03.00.12	28	45	26,5	38	3/4
30.03.00.16	38	58	33,5	51	1
30.03.00.20	45	75	42,2	57,5	1.1/4
30.03.00.24	53	80	48	60	1.1/2

30.05

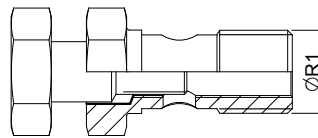
TORNILLO SIMPLE  
 SINGLE PIN (FOR BANJO)  
 VIS CREUSES SIMPLE (POUR UNION ORIENTABLE)  
 HOHLSCHRAUBE (FÜR SCHWENKVERSCHAUBUNGEN)  
 PERNO SIMPLE (PER RACCORDO ORIENTABILE)



Ref.	A	B	C	H1	ØR1
30.05.00.02	27	22	10	14	1/8
30.05.00.04	33	26	13	18	1/4
30.05.00.06	41	33	15	22	3/8
30.05.00.08	47	38	17	27	1/2
30.05.00.12	56	46	19	32	3/4
30.05.00.16	70	59	24	40	1
30.05.00.20	76	65	25	50	1.1/4
30.05.00.24	86	75	25	50	1.1/2

30.10

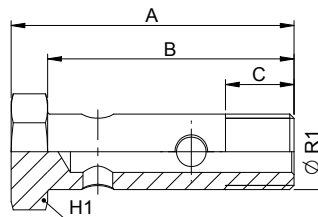
**TORNILLO REGULADOR  
REGULATOR PIN**



Ref.	ØR1
30.10.00.04	1/4
30.10.00.06	3/8
30.10.00.08	1/2

30.07

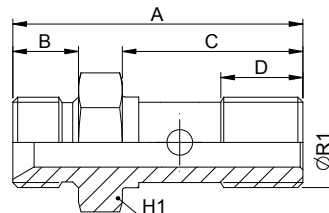
**TORNILLO DOBLE  
DOUBLE PIN  
VIS CREUSES DOUBLES  
DOPPEL-HOHLSCHRAUBE  
PERNO DOBLE**



Ref.	A	B	C	H1	ØR1
30.07.00.02					
30.07.00.04	49	42	13	18	1/4
30.07.00.06	62	54	15	22	3/8
30.07.00.08	71	62	17	27	1/2
30.07.00.12	86	76	19	32	3/4
30.07.00.16	109	98	24	40	1

30.09

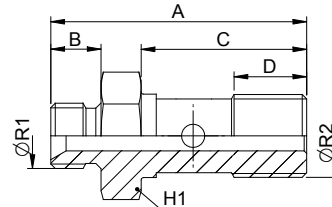
**TORNILLO CON PROLONGACIÓN  
PIN WITH PROLONGATION  
VIS CREUSES AVEC PROLONGATION  
HOHLSCHRAUBE MIT VERLÄNGERUNG  
PERNO DI PROLONGAZIONE**



Ref.	A	B	C	D	H1	ØR1
30.09.00.02						1/8
30.09.00.04	43	10	26	13	18	1/4
30.09.00.06	53	12	33	15	22	3/8
30.09.00.08	61	14	38	17	27	1/2
30.09.00.12	72	16	46	19	32	3/4
30.09.00.16	89	19	59	24	40	1

### 30.11

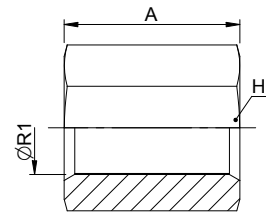
**TORNILLO CON PROLONGACIÓN REDUCTORA**  
**PIN WITH PROLONGATION**  
**VIS CREUSES AVEC PROLONGATION DE REDUCTION**  
**HOHLSCHRAUBE MIT VERLÄNGERUNG REDUZIERT**  
**PERNO DI PROLONGAZIONE RIDOTTA**



Ref.	A	B	C	E	H1	ØR1	ØR2
30.11.02.04						1/8	1/4
30.11.04.06	51	10	33	15	22	1/4	3/8
30.11.06.08	59	12	38	17	27	3/8	1/2
30.11.08.12	70	14	46	19	32	1/2	3/4
30.11.12.16	86	16	59	24	40	3/4	1
30.11.16.20	95	19	65	25	50	1	1 1/4

### 30.12

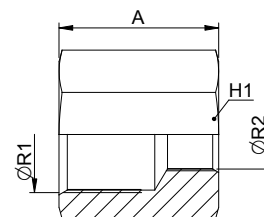
**SUPLEMENTO HEMBRA FIJA (GAS CILÍNDRICO)**  
**ADAPTER FEMALE (B.S.P. PARALLEL)**  
**ADAPTEUR FEMELLE (GAZ CYLINDRIQUE)**  
**GERADE VERSCHRAUBUNG (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE FEMMINA (GAS CILINDRICA)**



Ref.	A	H1	ØR1
30.12.00.02	22	14	1/8
30.12.00.04	22	18	1/4
30.12.00.06	27	22	3/8
30.12.00.08	31	27	1/2
30.12.00.12	35	32	3/4
30.12.00.16	39	40	1
30.12.00.20	41	50	1.1/4
30.12.00.24	46	60	1.1/2
30.12.00.32	52	70	2
30.12.00.40			2.1/2

### 30.12 A

**SUPLEMENTO REDUCTOR HEMBRA FIJA (GAS CILÍNDRICO)**  
**REDUCTION ADAPTER FEMALE (B.S.P. PARALLEL)**  
**ADAPTEUR FEMELLE (GAZ CILYNDRIQUE)**  
**GERADE VERSCHRAUBUNG REDUZIERT (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**RIDUZIONE FEMMINA (GAS CILINDRICA)**



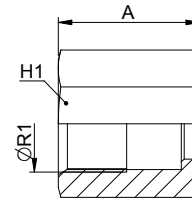
Ref.	A	H1	ØR1	ØR2
30.12.04.02	21	18	1/4	1/8
30.12.06.02	25	22	3/8	1/8
30.12.06.04	27	22	3/8	1/4
30.12.08.04	30	27	1/2	1/4
30.12.08.06	32	27	1/2	3/8
30.12.12.04	35	32	3/4	1/4
30.12.12.06	35	32	3/4	3/8
30.12.12.08	36	32	3/4	1/2
30.12.16.08	38	40	1	1/2
30.12.16.12	40	40	1	3/4
30.12.20.12	44	50	1 1/4	3/4
30.12.20.16	45	50	1 1/4	1

Continua >

Ref.	A	H1	ØR1	ØR2
30.12.24.16	45	60	1 1/2	1
30.12.24.20	45	60	1 1/2	1 1/4
30.12.32.20	47	70	2	1 1/4
30.12.32.24	48	70	2	1 1/2

### 30.13

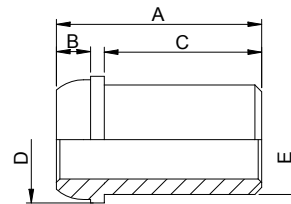
**TUERCA UNIÓN**  
**NUT**  
**ECROU**  
**ÜBERWURFMUTTERN**  
**DADO**



Ref.	A	H1	ØR1
30.13.00.02			1/8
30.13.00.04	15	18	1/4
30.13.00.06	17	22	3/8
30.13.00.08	20	27	1/2
30.13.00.12	22	32	3/4
30.13.00.16	25	40	1
30.13.00.20	27	50	1.1/4
30.13.00.24	28	60	1.1/2
30.13.00.32	31	70	2
30.13.00.40			2.1/2
30.13.00.48			3

### 30.15

**CONO DE AJUSTE**  
**WELDING NIPPLES**  
**EMBOUT À SOUDER**  
**SCHWEIßNIPPEL**  
**OGIVE A SALDARE**

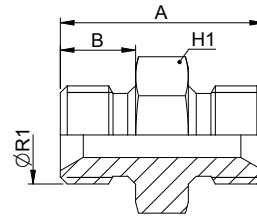


Ref.	A	B	C	D	E
30.15.00.02					
30.15.00.04	28	5	21	11.2	9
30.15.00.06	29	5	22	14,7	12
30.15.00.08	30	5	23	18,5	16
30.15.00.12	32	5	25	24	20
30.15.00.16	34	5	27	30	26
30.15.00.20	39	7,5	29	39	33
30.15.00.24	34	8	23	45	40
30.15.00.32	48	9	36	56.5	50
30.15.00.40					
30.15.00.48					



30.17

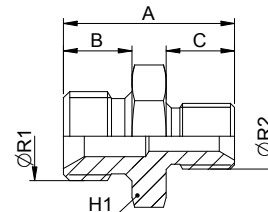
**EMPALME MACHO (GAS CILÍNDRICO)**  
**STRAIGHT ADAPTER MALE (B.S.P. PARALLEL)**  
**UNION DROIT MÂLE (GAZ CYLINDRIQUE)**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE DIRITTA (GAS CILINDRICA)**



Ref.	A	B	H1	ØR1
30.17.02.02	25	10	14	1/8
30.17.04.04	27	10	19	1/4
30.17.06.06	32	12	22	3/8
30.17.08.08	36	14	27	1/2
30.17.10.10	41	16	27	5/8
30.17.12.12	42	16	32	3/4
30.17.16.16	49	19	40	1
30.17.20.20	52	20	50	1.1/4
30.17.24.24	56	22	60	1.1/2
30.17.32.32	65	25	70	2
30.17.40.40				2.1/2
30.17.48.48				3

30.19

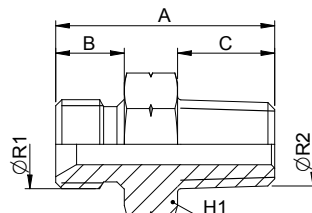
**EMPALME MACHO REDUCTOR (GAS CILÍNDRICO)**  
**REDUCTION STRAIGHT ADAPTER MALE (B.S.P. PARALLEL)**  
**UNION DROIT DE REDUCTION MÂLE (GAZ CYLINDRIQUE)**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE DIRITTA DI RIDUZIONE (GAS CILINDRICA)**



Ref.	A	B	C	H1	ØR1	ØR2
30.19.04.02	25	10	10	18	1/4	1/8
30.19.06.02	30	12	10	22	3/8	1/8
30.19.06.04	30	12	10	22	3/8	1/4
30.19.08.02	32	14	10	27	1/2	1/8
30.19.08.04	32	14	10	27	1/2	1/4
30.19.08.06	34	14	12	27	1/2	3/8
30.19.10.04	34,5	16	10	27	5/8	1/4
30.19.10.06	37	16	12	27	5/8	3/8
30.19.10.08	39	16	14	27	5/8	1/2
30.19.12.04	36	16	10	32	3/4	1/4
30.19.12.06	37	16	12	32	3/4	3/8
30.19.12.08	40	16	14	32	3/4	1/2
30.19.12.10	42	16	16	32	3/4	5/8
30.19.16.04	39	19	10	40	1	1/4
30.19.16.06	41	19	12	40	1	3/8
30.19.16.08	43	19	14	40	1	1/2
30.19.16.12	46	19	16	40	1	3/4
30.19.20.08	45	20	14	50	1.1/4	1/2
30.19.20.12	47	20	16	50	1.1/4	3/4
30.19.20.16	50	20	19	50	1.1/4	1
30.19.24.12	50	22	16	55	1.1/2	3/4
30.19.24.16	53	22	19	55	1.1/2	1
30.19.24.20	54	22	20	55	1.1/2	1.1/4
30.19.32.16	56	25	19	70	2	1
30.19.32.20	57	25	20	70	2	1.1/4
30.19.32.24	59	25	22	70	2	1.1/2
30.19.40.32	67	27,8	22	90	2.1/2	2
30.19.48.32						
30.19.48.40						
30.19.64.48						

## 30.23

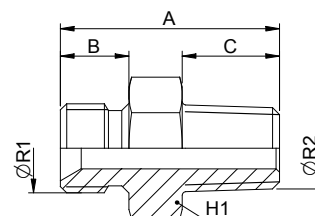
**EMPALME MACHO (GAS CILÍNDRICO-NPTF)**  
**STRAIGHT ADAPTER MALE (B.S.P. PARALLEL-NPTF)**  
**UNION DROIT MÂLE (GAZ CYLINDRIQUE-NPTF)**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH-NPTF)**  
**UNIONE DIRITTA (GAS CILINDRICA-NPTF)**



Ref.	A	B	C	H1	ØR1	ØR2
30.23.02.02	24,7	10	9,7	14	1/8	1/8
30.23.04.04	32	10	14,2	18	1/4	1/4
30.23.06.06	35,2	12	14,2	22	3/8	3/8
30.23.08.08	41,8	14	19	27	1/2	1/2
30.23.12.12	46	16	19	32	3/4	3/4
30.23.16.16	55	19	23,9	40	1	1
30.23.20.20	56,6	20	24,6	50	1.1/4	1.1/4
30.23.24.24	59,4	22	25,4	55	1.1/2	1.1/2
30.23.32.32	66,8	25	26,8	70	2	2

## 30.24

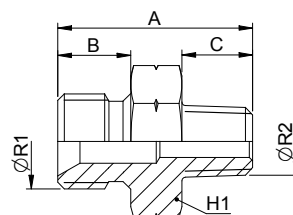
**EMPALME MACHO (GAS CILÍNDRICO-GAS CÓNICO)**  
**STRAIGHT ADAPTER MALE (B.S.P. PARALLEL-B.S.P. TAPERED)**  
**UNION DROIT MÂLE (GAZ CYLINDRIQUE-GAZ CONIQUE)**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH-KONISCH)**  
**UNIONE DIRITTA (GAS CILINDRICA-GAS CONICA)**



Ref.	A	B	C	H1	ØR1	ØR2
30.24.02.02	24,7	10	9,7	14	1/8	1/8
30.24.04.04	32	10	14,2	18	1/4	1/4
30.24.06.06	35,2	12	14,2	22	3/8	3/8
30.24.08.08	41,8	14	19	27	1/2	1/2
30.24.12.12	46	16	19	32	3/4	3/4
30.24.16.16	55	19	23,9	40	1	1
30.24.20.20	56,6	20	24,6	50	1.1/4	1.1/4
30.24.24.24	59,4	22	25,4	55	1.1/2	1.1/2
30.24.32.32	66,8	25	26,8	70	2	2

## 30.25

**EMPALME MACHO REDUCTOR (GAS CILÍNDRICO-NPTF)**  
**REDUCTION STRAIGHT ADAPTER MALE (B.S.P. PARALLEL-NPTF)**  
**UNION DROIT DE REDUCTION MÂLE (GAZ CYLINDRIQUE-NPTF)**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH-NPTF)**  
**UNIONE DIRITTA DI RIDUZIONE (GAS CILINDRICA-NPTF)**



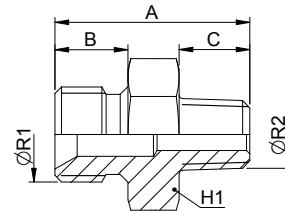
Ref.	A	B	C	H1	ØR1	ØR2
30.25.04.02	26,7	10	9,7	18	1/4	1/8
30.25.04.06	32,2	10	14,2	19	1/4	3/8
30.25.04.08	38	10	19	22	1/4	1/2
30.25.04.12	38	10	19	27	1/4	3/4
30.25.06.04	34	12	14,2	22	3/8	1/4
30.25.06.08	39,8	12	19	22	3/8	1/2
30.25.08.06	37,2	14	14,2	27	1/2	3/8
30.25.08.12	42	14	19	27	1/2	3/4
30.25.12.04	39,2	16	14,2	32	3/4	1/4

Continua &gt;

Ref.	A	B	C	H1	ØR1	ØR2
30.25.12.08	44.8	16	19	32	3/4	1/2
30.25.12.16	51	16	23.9	36	3/4	1
30.25.16.12	49	19	19	40	1	3/4
30.25.16.20	55.6	19	24.6	46	1	1.1/4
30.25.20.12	51	20	19	50	1.1/4	3/4
30.25.20.16	55.9	20	23.9	50	1.1/4	1
30.25.20.24	57.4	20	25.4	50	1.1/4	1.1/2
30.25.24.20	58.6	22	24.6	55	1.1/2	1.1/4
30.25.24.32	63.8	22	26.8	65	1.1/2	2
30.25.32.24	65,4	25	25,4	70	2	1.1/2

### 30.26

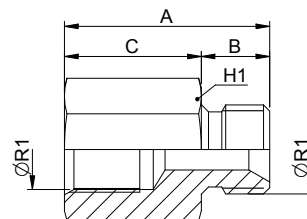
**EMPALME MACHO REDUCTOR (GAS CILÍNDRICO-GAS CÓNICO)**  
**REDUCTION STRAIGHT ADAPTER MALE (B.S.P. PARALLEL-B.S.P. TAPERED)**  
**UNION DROIT DE REDUCTION MÂLE (GAZ CILINDRIQUE-GAZ CONIQUE)**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-KONISCH)**  
**UNIONE DIRITTA DI RIDUZIONE (GAS CILINDRICA-GAS CONICA)**



Ref.	A	B	C	H1	ØR1	ØR2
30.26.04.02	27.7	10	9.7	18	1/4	1/8
30.26.04.06	32.2	10	14.2	19	1/4	3/8
30.26.04.08					1/4	1/2
30.26.06.04	34	12	14.2	22	3/8	1/4
30.26.06.08	40	12	19	22	3/8	1/2
30.26.08.04	37.2	14	14.2	27	1/2	1/4
30.26.08.06	37.2	14	14.2	27	1/2	3/8
30.26.08.12	42	14	19	27	1/2	3/4
30.26.08.16	47.9	14	23.9	36	1/2	1
30.26.10.12					5/8	3/4
30.26.12.08	45	16	19	32	3/4	1/2
30.26.12.16	51	16	23.9	36	3/4	1
30.26.16.12	49	19	19	40	1	3/4
30.26.16.20	55.6	19	24.6	46	1	1.1/4
30.26.20.16	55.9	20	23.9	50	1.1/4	1
30.26.20.24	57.4	20	25.4	50	1.1/4	1.1/2
30.26.24.20	58.6	22	24.6	55	1.1/2	1.1/4

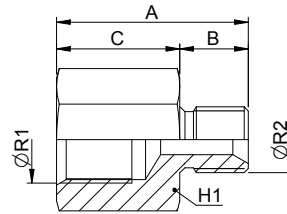
### 30.27

**SUPLEMENTO MACHO-HEMBRA (GAS CILÍNDRICO)**  
**ADAPTER MALE-FEMALE (B.S.P. PARALLEL)**  
**ADAPTEUR MÂLE-FEMELLE (GAZ CILINDRIQUE)**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE MASCHIO-FEMMINA (GAS CILINDRICA)**



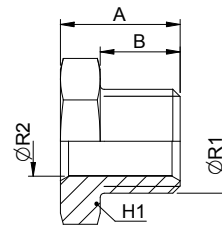
Ref.	A	B	C	H1	ØR1
30.27.02.02	25	10	15	14	1/8
30.27.04.04	30	10	20	18	1/4
30.27.06.06	34	12	22	22	3/8
30.27.08.08	38	14	24	27	1/2
30.27.12.12	43	16	27	32	3/4
30.27.16.16	49	19	30	40	1
30.27.20.20	52	20	32	50	1.1/4
30.27.24.24	56	22	34	55	1.1/2
30.27.32.32	61	25	36	70	2

**SUPLEMENTO REDUCTOR MACHO-HEMBRA (GAS CILÍNDRICO)**  
**REDUCTION ADAPTER MALE-FEMALE (B.S.P. PARALLEL)**  
**ADAPTEUR DE REDUCTION MÂLE-FEMELLE (GAZ CILYNDRIQUE)**  
**GERADE AUFSCRAUB-VERSCHRAUBUNG REDUZIERT (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**RIDUZIONE MASCHIO-FEMMINA (GAS CILINDRICA)**



Ref.	A	B	C	H1	ØR1	ØR2
30.29.02.04	25	10	15	18	1/8	1/4
30.29.02.06	27	12	15	22	1/8	3/8
30.29.02.08	29	14	15	27	1/8	1/2
30.29.04.02	28	10	18	18	1/4	1/8
30.29.04.06	30	12	18	22	1/4	3/8
30.29.04.08	32	14	18	27	1/4	1/2
30.29.04.12	34	16	18	32	1/4	3/4
30.29.06.02	32	10	22	22	3/8	1/8
30.29.06.04	32	10	22	22	3/8	1/4
30.29.06.08	36	14	22	27	3/8	1/2
30.29.06.12	38	16	22	32	3/8	3/4
30.29.06.16	41	19	22	40	3/8	1
30.29.08.02	34	10	24	27	1/2	1/8
30.29.08.04	34	10	24	27	1/2	1/4
30.29.08.06	36	12	24	27	1/2	3/8
30.29.08.10	40	16	24	27	1/2	5/8
30.29.08.12	40	16	24	32	1/2	3/4
30.29.08.16	43	19	24	40	1/2	1
30.29.12.04	37	10	27	32	3/4	1/4
30.29.12.06	39	12	27	32	3/4	3/8
30.29.12.08	41	14	27	32	3/4	1/2
30.29.12.16	46	19	27	40	3/4	1
30.29.16.04	40	10	30	40	1	1/4
30.29.16.06	42	12	30	40	1	3/8
30.29.16.08	44	14	30	40	1	1/2
30.29.16.12	46	16	30	40	1	3/4
30.29.16.20	52	20	32	50	1	1.1/4
30.29.20.12	48	16	32	50	1.1/4	3/4
30.29.20.16	51	19	32	50	1.1/4	1
30.29.20.24	56	22	34	55	1.1/4	1.1/2
30.29.24.16	53	19	34	55	1.1/2	1
30.29.24.20	54	20	34	55	1.1/2	1.1/4
30.29.24.32	61	25	36	70	1.1/2	2
30.29.32.24	58	22	36	70	2	1.1/2

**REDUCTOR MACHO-HEMBRA (GAS CILÍNDRICO)**  
**REDUCTION ADAPTER MALE / FEMALE (B.S.P. PARALLEL)**  
**ADAPTEUR DE REDUCTION MÂLE / FEMELLE (GAZ CILYNDRIQUE)**  
**GERADE AUFSCRAUB-VERSCHRAUBUNG REDUZIERT (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**RIDUZIONE MASCHIO / FEMMINA (GAS CILINDRICA)**



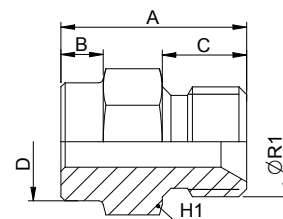
Ref.	A	B	H1	ØR1	ØR2
30.31.04.02	15	10	18	1/4	1/8
30.31.06.02	17	12	22	3/8	1/8
30.31.06.04	17	12	22	3/8	1/4
30.31.08.04	20	14	27	1/2	1/4
30.31.08.06	20	14	27	1/2	3/8

Continua &gt;

Ref.	A	B	H1	ØR1	ØR2
30.31.12.04	23	16	32	3/4	1/4
30.31.12.06	23	16	32	3/4	3/8
30.31.12.08	23	16	32	3/4	1/2
30.31.16.04	26	18	40	1	1/4
30.31.16.06	26	18	40	1	3/8
30.31.16.08	26	18	40	1	1/2
30.31.16.12	26	18	40	1	3/4
30.31.20.08	28	19	50	1.1/4	1/2
30.31.20.12	28	19	50	1.1/4	3/4
30.31.20.16	28	19	50	1.1/4	1
30.31.24.12	30	20	55	1.1/2	3/4
30.31.24.16	30	20	55	1.1/2	1
30.31.24.20	30	20	55	1.1/2	1.1/4
30.31.32.16	34	22	70	2	1
30.31.32.20	34	22	70	2	1.1/4
30.31.32.24	34	22	70	2	1.1/2

### 30.35

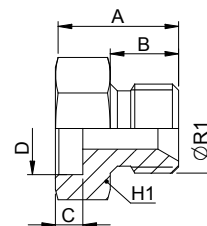
**MACHO SOLDABLE CON HEXAGONAL, TESTA**  
**MALE WELDING BOSSES**  
**UNION SIMPLE À SOUDER MÂLE**  
**GERADE ANSCHWEIßVERSCHRAUBUNGEN**  
**RACCORDO DIRITO SALDABLE MASCHIO**



Ref.	A	B	C	D	H1	ØR1
30.35.00.02	20	4	10	10	11	1/8
30.35.00.04	22	5	10	14	15	1/4
30.35.00.06	26	6	12	16	18	3/8
30.35.00.08	31	8	14	20	22	1/2
30.35.00.12	34	10	16	25	27	3/4
30.35.00.16	42	12	19	32	36	1
30.35.00.20	46	14	20	41	45	1.1/4
30.35.00.24	51	16	22	46	50	1.1/2
30.35.00.32	58	18	25	58	60	2
30.35.00.40						2.1/2
30.35.00.48						3

### 30.37

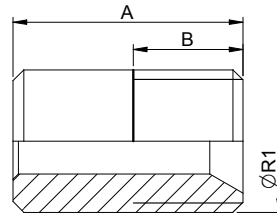
**MACHO SOLDABLE CON HEXAGONAL, ENCAJE**  
**MALE WELDING BOSSES**  
**UNION SIMPLE À SOUDER MÂLE**  
**GERADE ANSCHWEIßVERSCHRAUBUNGEN**  
**RACCORDO DIRITO SALDABILE MASCHIO**



Ref.	A	B	C	D	H1	ØR1
30.37.00.02	17	10	4	11	14	1/8
30.37.00.04	18	10	4	13.5	18	1/4
30.37.00.06	20	12	4	17.5	22	3/8
30.37.00.08	22	14	4	22	27	1/2
30.37.00.12	26	16	6	27.5	32	3/4
30.37.00.16	31	19	8	34.5	40	1
30.37.00.20	37	20	10	42.5	50	1.1/4
30.37.00.24	39	22	12	48.5	60	1.1/2
30.37.00.32	43	25	12	60.5	70	2
30.37.00.40						2.1/2

## 30.39

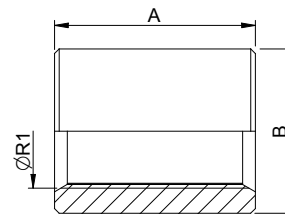
**MACHO SOLDABLE CILÍNDRICO, TESTA**  
**MALE WELDING BOSSES**  
**UNION SIMPLE À SOUDER MÂLE**  
**GERADE ANSCHWEIßVERSCHRAUBUNGEN**  
**RACCORDO DIRITO SALDABILE MASCHIO**



Ref.	A	B	ØR1
30.39.00.02	18	8	1/8
30.39.00.04	21	10	1/4
30.39.00.06	25	12	3/8
30.39.00.08	27	14	1/2
30.39.00.12	31	16	3/4
30.39.00.16	33	18	1
30.39.00.20	34	19	1.1/4
30.39.00.24	35	20	1.1/2
30.39.00.32	54	32	2
30.39.00.40			2.1/2

## 30.41

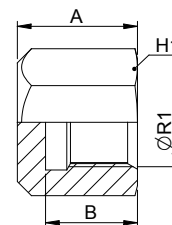
**MANGUITO SOLDABLE CILÍNDRICO HEMBRA**  
**FEMALE WELDING BOSSES**  
**UNION SIMPLE À SOUDER FEMELLE**  
**GERADE ANSCHWEIßVERSCHRAUBUNGEN**  
**RACCORDO DIRITO SALDABILE FEMMINA**



Ref.	A	B	ØR1
30.41.00.02	18	14	1/8
30.41.00.04	22	18	1/4
30.41.00.06	25	25	3/8
30.41.00.08	32	30	1/2
30.41.00.12	35	35	3/4
30.41.00.16	38	42	1
30.41.00.20	40	50	1.1/4
30.41.00.24	43	60	1.1/2
30.41.00.32	47	70	2
30.41.00.40			2.1/2
30.41.00.48			3
30.41.00.64			4

## 30.43

**TUERCA CIEGA**  
**PLUG FOR FITTING**  
**OBTURATEUR POUR RACCORD**  
**VERSCHLUß-STOPFEN**  
**TAPPO PER RACCORDO**

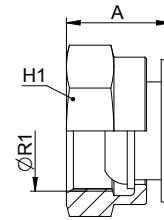


Ref.	A	B	H1	ØR1
30.43.00.02	15	12	14	1/8
30.43.00.04	17	13	18	1/4
30.43.00.06	19	15	22	3/8
30.43.00.08	21	17	27	1/2
30.43.00.10	23	19	27	5/8
30.43.00.12	23	19	32	3/4

Ref.	A	B	H1	ØR1
30.43.00.16	28	23	40	1
30.43.00.20	28	24	50	1.1/4
30.43.00.24	30	25	60	1.1/2
30.43.00.32	34	29	70	2

### 30.44

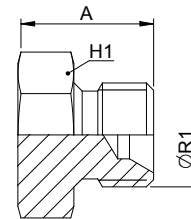
**TAPÓN TUERCA LOCA (GAS CILÍNDRICO)**  
**ROTARY NUT PLUG (B.S.P. PARALLEL)**  
**BOUCHON ECROU PIVOTANT (GAZ CILYNDRIQUE)**  
**VERSCHLUSSTOPFEN MIT DREHMUTTERN**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**TAPPI DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	H1	ØR1
30.44.00.02	16	14	1/8
30.44.00.04	18	18	1/4
30.44.00.06	19.5	22	3/8
30.44.00.08	23.5	27	1/2
30.44.00.10	24.5	27	5/8
30.44.00.12	26	32	3/4
30.44.00.16	28	38	1
30.44.00.20	30	50	1.1/4
30.44.00.24	31	60	1.1/2
30.44.00.32	34	70	2

### 30.45

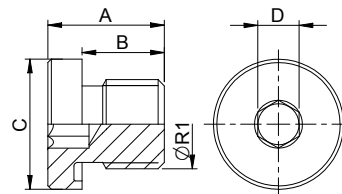
**TAPÓN MACHO**  
**MALE PLUG**  
**OBTURATEUR MÂLE**  
**VERSCHLUßTEIL**  
**TAPPO MASCHIO**



Ref.	A	H1	ØR1
30.45.00.02	15	15	1/8
30.45.00.04	17	18	1/4
30.45.00.06	20	22	3/8
30.45.00.08	23	27	1/2
30.45.00.10	25	30	5/8
30.45.00.12	26	32	3/4
30.45.00.16	30	40	1
30.45.00.20	31	50	1.1/4
30.45.00.24	34	55	1.1/2
30.45.00.32	38	70	2

### 30.45.10

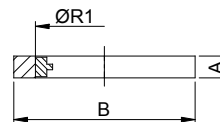
**TAPÓN CILÍNDRICO HEX. INTERIOR Y JUNTA TÓRICA**  
**INNER HEXAGON PLUG PACKING RING**  
**BOUCHON CYLINDRIQUE HEX. INTERNE JOINT EN**  
**CAOUTCHOUC**  
**VERSCHLUSSTOPFEN MIT INENSECHSKANT**  
**GUMMIDICHTUNG**  
**TAPPI CILINDRICI ESAGONO INCASSATO GUARNIZIONE**  
**GOMMA**



Ref.	A	B	C	D	ØR1
30.45.10.02ED	14	10	14	5.1	1/8
30.45.10.04ED	17	12	19	6.1	1/4
30.45.10.06ED	17	12	22	8.1	3/8
30.45.10.08ED	19	14	27	10.1	1/2
30.45.10.12ED	21	16	32	12.1	3/4
30.45.10.16ED	24.5	18	40	17.1	1
30.45.10.20ED	26.5	20	50	22.1	1.1/4
30.45.10.24ED	28.5	22	55	24.1	1.1/2
30.45.10.32	25	20	68	32.1	2

### 30.47

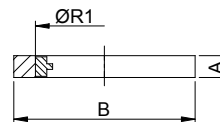
**JUNTA METAL-GOMA (PULGADAS)**  
**BONDED SEALS**  
**JOINT METAL-GOMME**  
**DISTRINGE MIT BUNAEILAGE**  
**RONDELLA RONDED**



Ref.	A	B	ØR1
30.47.00.02	2.03	15.88	1/8
30.47.00.04	2.03	20.57	1/4
30.47.00.06	2.03	23.80	3/8
30.47.00.08	2.5	28.58	1/2
30.47.00.10	2.5	31.75	5/8
30.47.00.12	2.5	34.93	3/4
30.47.00.16	2.5	42.80	1
30.47.00.20	2.5	52.38	1.1/4
30.47.00.24	2.5	58.60	1.1/2
30.47.00.32	2.5	73.03	2

### 30.47.01

**JUNTA METAL-GOMA (MÉTRICO)**  
**BONDED SEALS**  
**JOINT METAL-GOMME**  
**DISTRINGE MIT BUNAEILAGE**  
**RONDELLA RONDED**



Ref.	A	B	ØR1
30.47.01.05	1	9	M5
30.47.01.06	1	11	M6
30.47.01.08	1	13	M8
30.47.01.10	1	16	M10
30.47.01.12	1.5	18	M12
30.47.01.14	1.5	22	M14
30.47.01.16	1.5	24	M16
30.47.01.18	1.5	26	M18

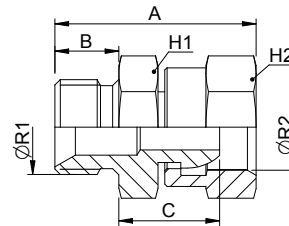
Continua >



Ref.	A	B	ØR1
30.47.01.20	1.5	28	M20
30.47.01.22	2	30	M22
30.47.01.24	2	32	M24
30.47.01.26	2	35	M26
30.47.01.27	2	36	M27
30.47.01.30	2	39	M30
30.47.01.31	2	40	M31
30.47.01.33	2	42	M33
30.47.01.36	2	46	M36
30.47.01.42	3	53	M42
30.47.01.48	3	59	M48
30.47.01.52	3	64.5	M52

### 30.49

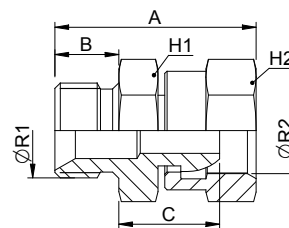
**ADAPTADOR MF-TL (GAS CILÍNDRICO)**  
**STRAIGHT ADAPTER MALE/ROTARY NUT (B.S.P. PARALLEL)**  
**ADAPTEUR MÂLE / ECROU PIVOTANT (GAZ CILINDRIQUE)**  
**GERADE EINSCHRAUB-STUTZEN MIT DREHMUTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE DIRITTA MASCHIO/DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	B	C	H1	H2	ØR1	ØR2
30.49.02.02	29.5	10	13.5	14	14	1/8	1/8
30.49.04.04	33	10	16.5	18	18	1/4	1/4
30.49.06.06	37.7	12	20	22	22	3/8	3/8
30.49.08.08	44.1	14	22.1	27	27	1/2	1/2
30.49.10.10	44.95	16	22.5	27	27	5/8	5/8
30.49.12.12	49	16	25	32	32	3/4	3/4
30.49.16.16	55	19	26.5	40	40	1	1
30.49.20.20	59.9	20	32.4	50	50	1.1/4	1.1/4
30.49.24.24	66	22	33	55	55	1.1/2	1.1/2
30.49.32.32	71.45	25	35.75	70	70	2	2

### 30.49

**ADAPTADOR MF-TL REDUCTOR (GAS CILÍNDRICO)**  
**REDUCTION STRAIGHT ADAPTER MALE/ROTARY NUT (B.S.P. PARALLEL)**  
**ADAPTEUR DE REDUCTION MÂLE/ECROU PIVOTANT (GAZ CILINDRIQUE)**  
**GERADE EINSCHRAUB-STUTZEN MIT DREHMUTTERN REDUZIERT (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE DIRITTA DI RIDUZIONE MASCHIO/DADO GIREVOLE (GAS CILINDRICA)**



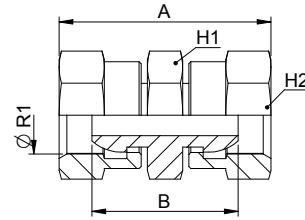
Ref.	A	B	C	H1	H2	ØR1	ØR2
30.49.02.04	31,5	10	15.5	18	14	1/4	1/8
30.49.04.02	32	10	15,5	14	18	1/8	1/4
30.49.04.06	36,2	12	17.7	22	18	3/8	1/4
30.49.06.04	35	10	19.3	22	18	1/4	3/8
30.49.06.08	40	14	20.4	22	27	1/2	3/8
30.49.08.04	39.15	10	21.7	22	27	1/4	1/2
30.49.08.06	41.7	12	21.5	22	27	3/8	1/2
30.49.08.10	46.35	16	22.5	27	27	5/8	1/2
30.49.08.12	46.45	16	23	32	27	3/4	1/2
30.49.12.08	46.5	14	24,5	27	32	1/2	3/4
30.49.12.16	53.45	19	26.5	40	32	1	3/4
30.49.16.12	51	16	25.5	32	38	3/4	1
30.49.20.12	55	16	32	40	50	3/4	1.1/4

Continua >

Ref.	A	B	C	H1	H2	ØR1	ØR2
30.49.20.16	58	19	32	40	50	1	1.1/4
30.49.20.24	62	22	32	55	50	1.1/2	1.1/4
30.49.24.20	64	20	33	50	55	1.1/4	1.1/2
30.49.32.20	63.45	20	32.8	60	70	1.1/4	2
30.49.32.24	65.45	22	32.8	60	70	1.1/2	2
30.49.40.32						2	2.1/2

### 30.50

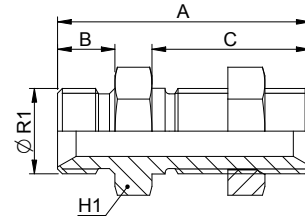
ADAPTADOR TL-TL (GAS CILÍNDRICO)  
 STRAIGHT ADAPTER ROTARY NUT (B.S.P. PARALLEL)  
 ADAPTEUR ECROU PIVOTANT (GAZ CILYNDRIQUE)  
 GERADE MIT DREHMUTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE DIRITTA DADO GIREVOLE (GAS CILINDRICA)



Ref.	A	B	H1	H2	ØR1	ØR2
30.50.02.02	33.85	22	14	14	1/8	1/8
30.50.04.04	39	26	18	18	1/4	1/4
30.50.06.04		29.5	22	22	3/8	1/4
30.50.06.06	43.2	31.8	22	22	3/8	3/8
30.50.08.06	47.6	33.9	27	27	1/2	3/8
30.50.08.08	51.6	35.6	27	27	1/2	1/2
30.50.10.10	51	38	27	27	5/8	5/8
30.50.12.12	56.5	40.5	32	32	3/4	3/4
30.50.16.16	61	42	36	38	1	1
30.50.20.20	67.9	52.9	50	50	1.1/4	1.1/4
30.50.24.24	76	54	55	55	1.1/2	1.1/2
30.50.32.32	77.9	56.6	70	70	2	2

### 30.51

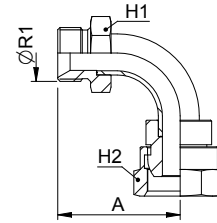
EMPALME PASATABIQUES (GAS CILÍNDRICO)  
 BULKHEAD CONNECTION (B.S.P. PARALLEL)  
 UNION TRAVERSÉE DROITE (GAZ CYLINDRIQUE)  
 GERADE SCHOTTVERSCHRAUBUNGEN  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 UNIONE PASSAPARATIA DIRITTA (GAS CILINDRICA)



Ref.	A	B	C	H1	ØR1
30.51.02.02	44.5	10	28.5	14	1/8
30.51.04.04	52	10	35	18	1/4
30.51.06.06	58.2	12	38.2	22	3/8
30.51.08.08	61	14	38	27	1/2
30.51.10.10	67.2	16	42.2	27	5/8
30.51.12.12	68	16	42	32	3/4
30.51.16.16	78	19	48	40	1
30.51.20.20	82	20	50	50	1.1/4
30.51.24.24	84	22	50	55	1.1/2
30.51.32.32	95	25	55	70	2
30.51.40.40					2.1/2

30.53

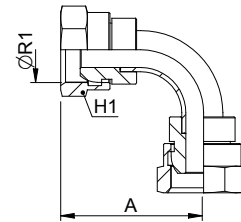
**CODO 90° ACCESORIAL MF-TL**  
**ADAPTER 90° MALE/ROTARY NUT**  
**ADAPTATEUR 90° MÂLE/ECROU PIVOTANT**  
**GERADE 90° EINSCHRAUB-STUTZEN MIT DREHMUTTERN**  
**UNIONE 90° MASCHIO/DADO GIREVOLE**



Ref.	A	H1	H2	ØR1
30.53.04.04	36	18	18	1/4
30.53.06.06	36	22	22	3/8
30.53.08.08	49	27	27	1/2
30.53.12.12	63	32	32	3/4
30.53.16.16	75	40	36	1
30.53.20.20	82	50	50	1.1/4
30.53.24.24	96	60	55	1.1/2
30.53.32.32	122	70	70	2

30.54

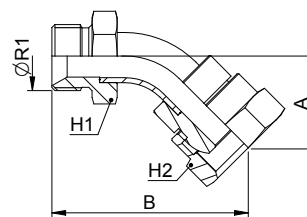
**CODO 90° ACCESORIAL TL-TL**  
**ADAPTER 90° ROTARY NUT**  
**ADAPTATEUR 90° ECROU PIVOTANT**  
**GERADE 90° MIT DREHMUTTERN**  
**UNIONE 90° DADO GIREVOLE**



Ref.	A	H1	ØR1
30.54.04.04	36	18	1/4
30.54.06.06	42	22	3/8
30.54.08.08	49	27	1/2
30.54.12.12	63	32	3/4
30.54.16.16	75	36	1
30.54.20.20	82	50	1.1/4
30.54.24.24	96	55	1.1/2
30.54.32.32	122	70	2

30.55

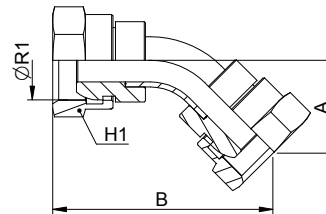
**CODO 45° ACCESORIAL MF-TL**  
**ADAPTER 45° MALE/ROTARY NUT**  
**ADAPTATEUR 45° MÂLE/ECROU PIVOTANT**  
**GERADE 45° EINSCHRAUB-STUTZEN MIT DREHMUTTERN**  
**UNIONE 45° MASCHIO/DADO GIREVOLE**



Ref.	A	B	H1	H2	ØR1
30.55.04.04	20	47	18	18	1/4
30.55.06.06	22	53	22	22	3/8
30.55.08.08	27	60	27	27	1/2
30.55.12.12	30	76	32	32	3/4
30.55.16.16	32	90	40	36	1
30.55.20.20			50	50	1.1/4
30.55.24.24			60	55	1.1/2
30.55.32.32			70	70	2

## 30.56

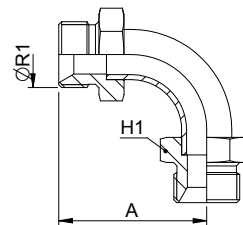
**CODO 45° ACCESORIAL TL-TL**  
**ADAPTER 45° ROTARY NUT**  
**ADAPTATEUR 45° ECROU PIVOTANT**  
**GERADE 45° MIT DREHMUTTERN**  
**UNIONE 45° DADO GIREVOLE**



Ref.	A	B	H1	ØR1
30.56.04.04	20	47	18	1/4
30.56.06.06	22	53	22	3/8
30.56.08.08	27	60	27	1/2
30.56.12.12	30	76	32	3/4
30.56.16.16	32	90	36	1
30.56.20.20			50	1.1/4
30.56.24.24			55	1.1/2
30.56.32.32			70	2

## 30.57

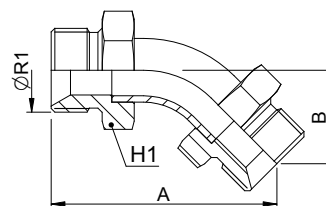
**CODO 90° ACCESORIAL MF-MF**  
**ADAPTER 90° MALE**  
**ADAPTATEUR 90° MÂLE**  
**GERADE 90° EINSCHRAUB**  
**UNIONE 90° MASCHIO**



Ref.	A	H1	ØR1
30.57.04.04	36	18	1/4
30.57.06.06	36	22	3/8
30.57.08.08	49	27	1/2
30.57.12.12	63	32	3/4
30.57.16.16	75	40	1
30.57.20.20		50	1.1/4
30.57.24.24		60	1.1/2
30.57.32.32		70	2

## 30.58

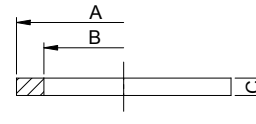
**CODO 45° ACCESORIAL MF-MF**  
**ADAPTER 45° MALE**  
**ADAPTATEUR 45° MÂLE**  
**GERADE 45° EINSCHRAUB**  
**UNIONE 90° MASCHIO**



Ref.	A	B	H1	ØR1
30.58.04.04	47	20	18	1/4
30.58.06.06	53	22	22	3/8
30.58.08.08	60	27	27	1/2
30.58.12.12	76	30	32	3/4
30.58.16.16	90	32	40	1
30.58.20.20				
30.58.24.24				
30.58.32.32				

30.61

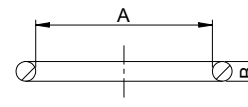
ARANDELA HIERRO (GAS)  
 METAL RING (B.S.P. PARALLEL)  
 JOINT METAL (GAZ CYLINDRIQUE)  
 DISTRINGE (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 RONDELLA (GAS CILINDRICA)



Ref.	A	B	C
30.61.00.02	15	12.2	1.4
30.61.00.04	19.5	16.15	1.9
30.61.00.06	23.5	19.5	1.9
30.61.00.08	28.5	23.3	1.9
30.61.00.12	34.5	28.6	1.9
30.61.00.16	43.5	36.6	2.6
30.61.00.20	52.5	44.9	2.6
30.61.00.24	60	50.9	2.6

30.63

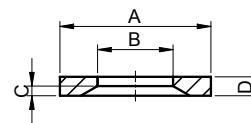
JUNTA TÓRICA  
 O-RING  
 JOINT  
 DICHTUNG  
 GUARNIZIONE



Ref.	A	B
30.63.00.02	7.97	1.88
30.63.00.04	10.77	2.62
30.63.00.06	13.94	2.62
30.63.00.08	17.86	2.62
30.63.00.12	23.47	2.62
30.63.00.16	29.74	3.53
30.63.00.20	37.69	3.53
30.63.00.24	44.04	3.53

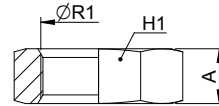
30.63.10

JUNTA ED (GAS)  
 ED JOINT (B.S.P. PARALLEL)  
 JOINT ED (GAZ CYLINDRIQUE)  
 DICHTUNG ED  
 GUARNIZIONE ED



Ref.	ØA	ØB	C	D
30.63.10.02	11.9	8.4	0.5	1
30.63.10.04	16.5	11.6	0.8	1.5
30.63.10.06	18.9	14.7	0.8	1.5
30.63.10.08	23.9	18.5	0.8	1.5
30.63.10.12	29.2	23.9	0.8	1.5
30.63.10.16	35.7	29.7	1	2
30.63.10.20	45.8	38.8	1	2
30.63.10.24	50.7	44.7	1	2
30.63.10.32	62.7	56.1	1.25	2.5

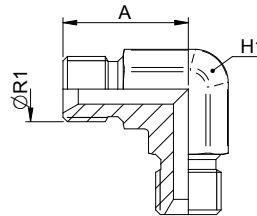
**TUERCA PASATABIQUES**  
**NUT FOR BLUKHEAD CONNECTION**  
**ECROU POUR UNION TRAVERSÉE**  
**MUTTERN FÜR GERADE SCHOTTVERSHRAUBUNGEN**  
**DADO PER UNIONE PASSAPARATIA**



Ref.	A	H1	ØR1
30.65.00.02	6	14	1/8
30.65.00.04	7	18	1/4
30.65.00.06	7	22	3/8
30.65.00.08	9	27	1/2
30.65.00.10	9	27	5/8
30.65.00.12	12	32	3/4
30.65.00.16	12	40	1
30.65.00.20	10.5	50	1.1/4
30.65.00.24	12	55	1.1/2
30.65.00.32	12	65	2
30.65.00.40			2.1/2

## 34.01

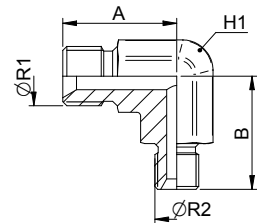
**CODO 90° MACHO (GAS CILÍNDRICO)**  
**ELBOW MALE COUPLING 90° (B.S.P. PARALLEL)**  
**UNION COUDE 90° MÂLE (GAZ CYLINDRIQUE)**  
**WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90°**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE GOMITO 90° MASCHIO (GAS CILINDRICA)**



Ref.	A	H1	ØR1
34.01.02.02	19.3	11	1/8
34.01.04.04	23.2	14	1/4
34.01.06.06	28.5	19	3/8
34.01.08.08	32.5	22	1/2
34.01.10.10	34.5	22	5/8
34.01.12.12	37.2	27	3/4
34.01.16.16	41.1	33	1
34.01.20.20	49.5	41	1.1/4
34.01.24.24	55	48	1.1/2
34.01.32.32	60.5	58	2

## 34.03

**CODO 90° REDUCTOR MF (GAS CILÍNDRICO)**  
**REDUCTION ELBOW MALE COUPLING 90° (B.S.P. PARALLEL)**  
**UNION COUDE 90° DE REDUCTION MÂLE (GAZ CYLINDRIQUE)**  
**WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90°REDUZIERT**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE GOMITO 90° MASCHIO (GAS CILINDRICA)**



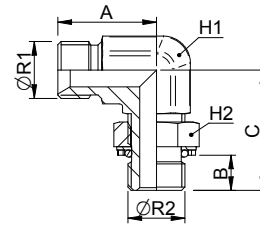
Ref.	A	B	H1	ØR1	ØR2
34.03.04.02	24	23.2	14	1/4	1/8
34.03.06.04	27	26.8	19	3/8	1/4
34.03.08.06	32	30.7	22	1/2	3/8
34.03.12.06	36	33	27	3/4	3/8
34.03.12.08	36	35.2	27	3/4	1/2
34.03.16.12	42	38	33	1	3/4

Continua &gt;

Ref.	A	B	H1	ØR1	ØR2
34.03.20.16	48	48	41	1.1/4	1
34.03.24.20	55	51.5	48	1.1/2	1.1/4
34.03.32.24	60.5	60.5	58	2	1.1/2

### 34.05

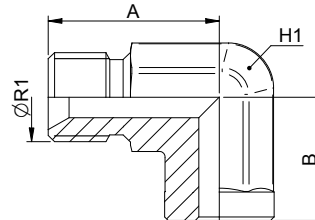
**CODO 90° ORIENTABLE (GAS CILÍNDRICO)**  
**ELBOW MALE COUPLING 90° (B.S.P. PARALLEL)**  
**COUDE MÂLE 90° (GAZ CYLINDRIQUE)**  
**EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**GOMITO MASCHIO 90° (GAS CILINDRICA)**



Ref.	A	B	C	H1	H2	ØR1	ØR2
34.05.02.02	19,3	6.3	26	11	14	1/8	1/8
34.05.04.04	25	9.5	32	14	19	1/4	1/4
34.05.04.06	28	9.5	37	19	22	1/4	3/8
34.05.06.04	30	9.5	36	19	19	3/8	1/4
34.05.06.06	30	9.5	37	19	22	3/8	3/8
34.05.06.08	30	13	44	22	27	3/8	1/2
34.05.08.06	36	9.5	40	22	22	1/2	3/8
34.05.08.08	36	13	44	22	27	1/2	1/2
34.05.08.12	37	13	49.5	27	36	1/2	3/4
34.05.12.08	39	13	47.5	27	27	3/4	1/2
34.05.12.12	39	13	49.5	27	36	3/4	3/4
34.05.12.16	41	16	54	33	41	3/4	1
34.05.16.12	46	13	52	33	36	1	3/4
34.05.16.16	46	16	54	33	41	1	1
34.05.16.20	46	16	57	41	50	1	1.1/4
34.05.20.16	50	16	54	41	41	1.1/4	1
34.05.20.20	50	16	57	41	50	1.1/4	1.1/4
34.05.24.24	55	16	63	48	55	1.1/2	1.1/2

### 34.07

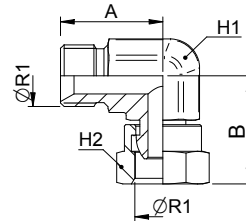
**CODO 90° SOLDABLE (GAS CILÍNDRICO)**  
**WELDING ELBOW 90° (B.S.P. PARALLEL)**  
**COUDE 90° À SOUDER**  
**WINKEL ANSCHWEIßVERSCHRAUBUNGEN**  
**GOMITO 90° SALDABILE**



Ref.	A	B	H1	ØR1
34.07.00.02	19,3	16	11	1/8
34.07.00.04	25	18	14	1/4
34.07.00.06	30	22	19	3/8
34.07.00.08	34.5	24	22	1/2
34.07.00.12	40	30	27	3/4
34.07.00.16	46	36	33	1

## 34.09

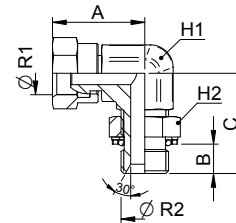
**CODO 90° MF-TL (GAS CILÍNDRICO)**  
**ELBOW COUPLING 90° ROTARY NUT (B.S.P. PARALLEL)**  
**UNION COUDE 90° ECROU PIVOTANT (GAZ CYLINDRIQUE)**  
**WINKEL-EINSCHRAUB VERSCHRAUBUNGEN 90°**  
**DREHMUTTERN (WHITWORTH-ROHRGEWINDE**  
**ZYLINDRISCH)**  
**UNIONE GOMITO 90° DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	B	H1	H2	ØR1
34.09.02.02	23,5	19,3	11	14	1/8
34.09.04.04	29	25	14	18	1/4
34.09.06.06	34	30	19	22	3/8
34.09.08.08	40	34,5	22	27	1/2
34.09.10.10	36,5	34,5	22	27	5/8
34.09.12.12	51,5	39	27	32	3/4
34.09.16.16	48,5	45	33	38	1
34.09.20.20	57	50	41	50	1.1/4
34.09.24.24	62	55	48	60	1.1/2
34.09.32.32	70	62	58	70	2

## 34.10

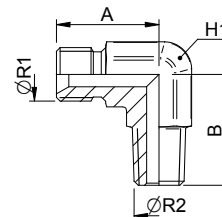
**CODO 90° ORIENTABLE-TL (GAS CILÍNDRICO)**  
**ELBOW MALE COUPLING 90° ROTARY NUT (B.S.P. PARALLEL)**  
**COUDE MÂLE 90° ECROU PIVOTANT (GAZ CYLINDRIQUE)**  
**EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG**  
**90° DREHMOTTERN (WHITWORTH-ROHRGEWINDE**  
**ZYLINDRISCH)**  
**GOMITO 90° MASCHIO DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	B	C	H1	H2	ØR1	ØR2
34.10.02.02	23,5	6,3	26	14	11	1/8	1/8
34.10.04.04	29	9,5	32	18	14	1/4	1/4
34.10.06.06	31,2	9,5	37	22	19	3/8	3/8
34.10.08.08	40,5	13	44	27	22	1/2	1/2
34.10.12.12	46	13	49,5	32	27	3/4	3/4
34.10.16.16	48,5	16	54	38	33	1	1
34.10.20.20	57,5	16	57	50	41	1.1/4	1.1/4

## 34.11

**CODO 90° MF-MF (GAS CILÍNDRICO-NPTF)**  
**ELBOW MALE COUPLING 90° (B.S.P. PARALLEL-NPTF)**  
**COUDE MÂLE 90° (GAZ CYLINDRIQUE-NPTF)**  
**WINKEL-EINSCHRAUB VERSCHRAUBUNG 90°**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH-NPTF)**  
**GOMITO MASCHIO 90° (GAS CILINDRICA-NPTF)**

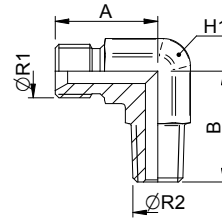


Ref.	A	B	H1	ØR1	ØR2
34.11.02.02	19,3	19,5	11	1/8	1/8
34.11.04.04	25	27	14	1/4	1/4
34.11.06.06	30	30	19	3/8	3/8
34.11.08.08	34,5	37,3	22	1/2	1/2
34.11.12.12	39	40,4	27	3/4	3/4
34.11.16.16	45	47,3	33	1	1
34.11.20.20	50	55	41	1.1/4	1.1/4
34.11.24.24	55	57,4	48	1.1/2	1.1/2
34.11.32.32	62	61,8	58	2	2



34.12

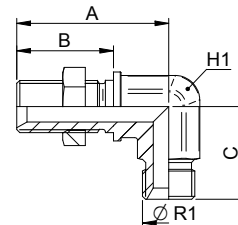
**CODO 90° MF-MF (GAS CILÍNDRICO-GAS CÓNICO)**  
**ELBOW MALE COUPLING 90° (B.S.P. PARALLEL-B.S.P. TAPERED)**  
**COUDE MÂLE 90° (GAZ CYLINDRIQUE-GAZ CONIQUE)**  
**WINKEL-EINSCHRAUB VERSCHRAUBUNG 90° (WHITWORTH-ROHRGEWINDE ZYLINDRISCH-KONISCH)**  
**GOMITO MASCHIO 90° (GAS CILINDRICA-GAS CONICA)**



Ref.	A	B	H1	ØR1	ØR2
34.12.02.02	19,3	19,5	11	1/8	1/8
34.12.04.04	25	27	14	1/4	1/4
34.12.06.06	30	30	19	3/8	3/8
34.12.08.08	34,5	37,3	22	1/2	1/2
34.12.12.12	39	40,4	27	3/4	3/4
34.12.16.16	45	47,3	33	1	1
34.12.20.20	50	55	41	1.1/4	1.1/4
34.12.24.24	55	57,4	48	1.1/2	1.1/2
34.12.32.32	62	62	58	2	2

34.13

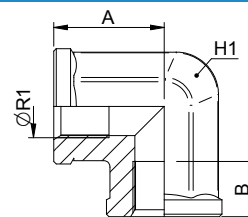
**CODO 90° PASATABIQUES (GAS CILÍNDRICO)**  
**BULKHEAD ELBOW 90° (B.S.P. PARALLEL)**  
**UNION TRAVERSÉE COUDE 90° (GAZ CYLINDRIQUE)**  
**WINKEL-SCHOTTVERSCHRAUBUNGEN 90° (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE PASSAPARATIA GOMITO 90° (GAS CILINDRICA)**



Ref.	A	B	C	H1	ØR1
34.13.02.02	44.5	28.5	23	11	1/8
34.13.04.04	46	30	25	14	1/4
34.13.06.06	53.5	35	30	19	3/8
34.13.08.08	60.5	38.5	37	22	1/2
34.13.12.12	67.5	43	40	27	3/4
34.13.16.16	71	43	48	33	1
34.13.20.20	79	44	50	41	1.1/4

34.15

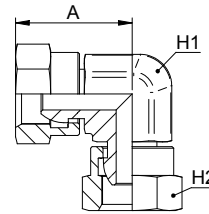
**CODO 90° HEMBRA (GAS CILÍNDRICO)**  
**ELBOW FEMALE COUPLING 90° (B.S.P. PARALLEL)**  
**UNION COUDE 90° FEMELLE**  
**WINKEL AUFSCRAUB-VERSCHRAUBUNGEN 90°**  
**UNIONE GOMITO 90° FEMMINA**



Ref.	A	B	H1	ØR1
34.15.02.02	16	10	14	1/8
34.15.04.04	22	11	19	1/4
34.15.06.06	26	13	22	3/8
34.15.08.08	31	15	27	1/2
34.15.12.12	36	20	33	3/4
34.15.16.16	46	20	41	1
34.15.20.20	50	23	48	1.1/4
34.15.24.24	54	24	58	1.1/2
34.15.32.32	70	26	65	2

34.19

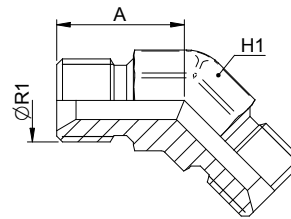
**CODO 90° TL-TL (GAS CILÍNDRICO)**  
**ELBOW COUPLING 90° ROTARY NUT (B.S.P. PARALLEL)**  
**UNION COUDE 90° ECROU PIVOTANT (GAZ CYLINDRIQUE)**  
**WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90°**  
**DREHMUTTERN (WHITWORTH-ROHRGEWINDE**  
**ZYLINDRISCH)**  
**UNIONE GOMITO 90° DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	H1	H2
34.19.02.02	23,5	11	14
34.19.04.04	29	14	18
34.19.06.06	31,2	19	22
34.19.08.08	36,5	22	27
34.19.12.12	44,5	27	32
34.19.16.16	47	33	38
34.19.20.20	56	41	50
34.19.24.24			

34.41

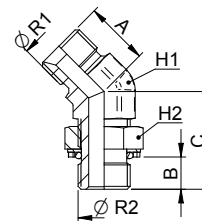
**CODO 45° MACHO (GAS CILÍNDRICO)**  
**ELBOW MALE COUPLING 45° (B.S.P. PARALLEL)**  
**COUDE MÂLE 45° (GAZ CYLINDRIQUE)**  
**EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG**  
**45° (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**GOMITO MASCHIO 45° (GAS CILINDRICA)**



Ref.	A	H1	ØR1
34.41.02.02	18	11	1/8
34.41.04.04	20	14	1/4
34.41.06.06	23	19	3/8
34.41.08.06			
34.41.08.08	25,5	22	1/2
34.41.12.12	29	27	3/4
34.41.16.16	37,5	33	1
34.41.20.20	38	41	1.1/4
34.41.24.24	45,2	48	1.1/2

34.45

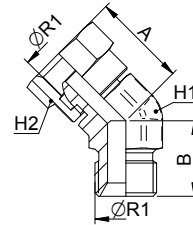
**CODO 45° ORIENTABLE (GAS CILÍNDRICO)**  
**ELBOW MALE COUPLING 45° (B.S.P. PARALLEL)**  
**COUDE MÂLE 45° (GAZ CYLINDRIQUE)**  
**EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG**  
**45° (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**GOMITO MASCHIO 45° (GAS CILINDRICA)**



Ref.	A	B	C	H1	H2	ØR1	ØR2
34.45.02.02	14,8	6,3	25,5	11	14	1/8	1/8
34.45.04.04	19,8	9,5	29	14	19	1/4	1/4
34.45.06.06	23,3	9,5	33	19	22	3/8	3/8
34.45.08.08	25,5	13	39	22	27	1/2	1/2
34.45.12.12	29,3	13	42,3	27	36	3/4	3/4
34.45.16.16	37	16	47	33	41	1	1
34.45.20.20	35,5	16	48,5	41	50	1.1/4	1.1/4
34.45.24.24	45,2	16	58,2	48	55	1.1/2	1.1/2

34.49

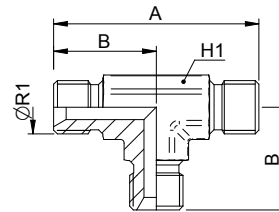
**CODO 45° MF-TL (GAS CILÍNDRICO)**  
**ELBOW COUPLING 45° ROTARY NUT (B.S.P. PARALLEL)**  
**UNION COUDE 45° ECROU PIVOTANT (GAZ CYLINDRIQUE)**  
**WINKEL-EINSCHRAUB VERSCHRAUBUNGEN 45°**  
**DREHMUTTERN (WHITWORTH-ROHRGEWINDE**  
**ZYLINDRISCH)**  
**UNIONE GOMITO 45° DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	B	H1	H2	ØR1
34.49.02.02	23.5	18	11	14	1/8
34.49.04.04	26	21	14	18	1/4
34.49.06.06	34	25	19	22	3/8
34.49.08.08	36	28	22	27	1/2
34.49.12.12	38.5	33	27	32	3/4
34.49.16.16	41	37	33	38	1
34.49.20.20	45.5	38	41	50	1.1/4
34.49.24.24	58	45.2	48	60	1.1/2

34.51

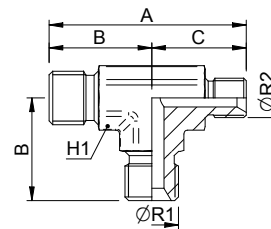
**TE MACHO (GAS CILÍNDRICO)**  
**"T" ADAPTER MALE (B.S.P. PARALLEL)**  
**UNION "T" MÂLE (GAZ CYLINDRIQUE)**  
**T-VERSCHRAUBUNGEN (WHITWORTH-ROHRGEWINDE**  
**ZYLINDRISCH)**  
**UNIONE A "T" MASCHIO (GAS CILINDRICA)**



Ref.	A	B	H1	ØR1
34.51.02.02	40	20	11	1/8
34.51.04.04	50	25	14	1/4
34.51.06.06	60	30	19	3/8
34.51.08.08	69	34.5	20	1/2
34.51.12.12	80	40	27	3/4
34.51.16.16	92	46	33	1
34.51.20.20	99	49.5	41	1.1/4
34.51.24.24	110	55	48	1.1/2
34.51.32.32	124	62	58	2

34.53

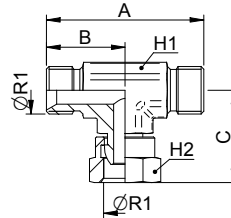
**TE REDUCTOR MACHO (GAS CILÍNDRICO)**  
**REDUCTION "T" ADAPTER MALE**  
**UNION "T" DE REDUCTION MÂLE**  
**T-VERSCHRAUBUNGEN REDUZIERT**  
**UNIONE A "T" RIDUZIONE MASCHIO**



Ref.	A	B	C	H1	ØR1	ØR2
34.53.04.02	48	25	23	14	1/4	1/8
34.53.06.04	58	30	28	19	3/8	1/4
34.53.08.06	67	34,5	32,5	22	1/2	3/8
34.53.12.08	78	39	38	27	3/4	1/2
34.53.16.12	87	46	41	33	1	3/4
34.53.20.16	99	49,5	49,5	41	1.1/4	1
34.53.24.20	107	55	52	48	1.1/2	1.1/4

34.55

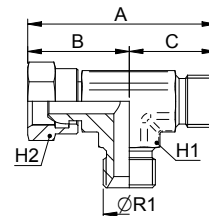
**TE MF-TL CENTRAL (GAS CILÍNDRICO)**  
**"T" OF LINE WITH ROTARY NUT (B.S.P. PARALLEL)**  
**"T" DE LIGNE AVEC ECROU PIVOTANT (GAZ CYLINDRIQUE)**  
**"T" AUFSCRAUB-VERSCHRAUBUNG**  
**(WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**"T" DI LINEA CON DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	B	C	H1	H2	ØR1
34.55.02.02	40	20	23.5	11	14	1/8
34.55.04.04	50	25	29	14	18	1/4
34.55.06.06	60	30	34	19	22	3/8
34.55.08.08	96	34.5	40	22	27	1/2
34.55.10.10	70	35	38	22	27	5/8
34.55.12.12	78	39	46	27	32	3/4
34.55.16.16	92	46	50	33	38	1
34.55.20.20	99	49.5	54	41	50	1.1/4
34.55.24.24	110	55	65	48	60	1.1/2
34.55.32.32	124	62	70	58	70	2

34.59

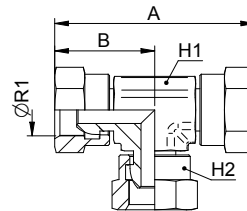
**TE MF-TL LATERAL (GAS CILÍNDRICO)**  
**DERIVATING "T" WITH ROTARY NUT (B.S.P. PARALLEL)**



Ref.	A	B	C	H1	H2	ØR1
34.59.02.02	43.5	25	20	11	14	1/8
34.59.04.04	54	29	25	14	18	1/4
34.59.06.06	64	34	30	19	22	3/8
34.59.08.08	74.5	40	34.5	22	27	1/2
34.59.10.10	70	35	32.5	22	27	5/8
34.59.12.12	85	46	39	27	32	3/4
34.59.16.16	96	50	46	33	38	1
34.59.20.20	103.5	54	49.5	41	50	1.1/4
34.59.24.24	120	65	55	48	60	1.1/2
34.59.32.32	132	70	62	58	70	2

34.60

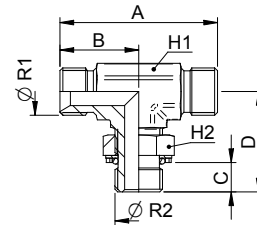
**TE TUERCA LOCA (GAS CILINDRICO)**  
**SWIVEL NUT UNION TEE (B.S.P. PARALLEL)**



Ref.	A	B	H1	H2	ØR1
34.60.04.04	58	29	14	18	1/4
34.60.06.06	68	34	19	22	3/8
34.60.08.08	80	40	22	27	1/2
34.60.12.12	92	46	27	32	3/4
34.60.16.16	100	50	33	38	1
34.60.20.20	108	54	41	50	1.1/4
34.60.24.24	130	65	48	60	1.1/2

34.61

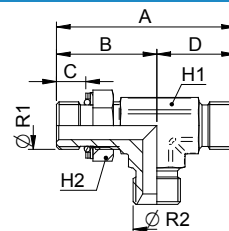
TE MF-ORIENTABLE CENTRAL (GAS CILÍNDRICO)  
 BRANCH TEE-ADJUSTABLE (B.S.P. PARALLEL)  
 "T" MÂLE DE LIGNE-ORIENTABLE (GAZ CYLINDRIQUE)  
 EINSTELLBARE "T" EINSCHRAUB VERSCHRAUBUNG  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 "T" MASCHIO DI LINEA-ORIENTABILE (GAS CILINDRICA)



Ref.	A	B	C	D	H1	H2	ØR1	ØR2
34.61.02.02	40	20	6.3	26	11	14	1/8	1/8
34.61.04.04	52	26	9.5	32	14	19	1/4	1/4
34.61.06.06	60	30	9.5	37	19	22	3/8	3/8
34.61.08.08	72	36	11	43	22	27	1/2	1/2
34.61.12.12	78	39	13	49.5	27	36	3/4	3/4
34.61.16.16	92	46	16	52	33	41	1	1
34.61.20.20	99	49,5	16	57	41	50	1.1/4	1.1/4

34.63

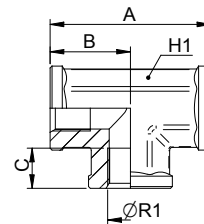
TE MF-ORIENTABLE LATERAL (GAS CILÍNDRICO)  
 RUN TEE-ADJUSTABLE (B.S.P. PARALLEL)  
 "T" MÂLE DE DERIVATION-ORIENTABLE (GAZ  
 CYLINDRIQUE)  
 EINSTELLBARE "L" EINSCHRAUB VERSCHRAUBUNG  
 (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)  
 "T" MASCHIO DI LINEA-ORIENTABILE (GAS CILINDRICA)



Ref.	A	B	C	D	H1	H2	ØR1	ØR2
34.63.02.02	46	26	6.3	20	11	14	1/8	1/8
34.63.04.04	58	32	9.5	26	14	19	1/4	1/4
34.63.06.06	67	37	9.5	30	19	22	3/8	3/8
34.63.08.08	79	43	11	36	22	27	1/2	1/2
34.63.12.12	88.5	49.5	13	39	27	36	3/4	3/4
34.63.16.16	98	52	16	46	33	41	1	1
34.63.20.20	106.5	57	16	49.5	41	50	1.1/4	1.1/4

34.65

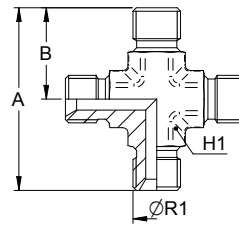
TE HEMBRA (GAS CILÍNDRICO)  
 "T" ADAPTER FEMALE (B.S.P. PARALLEL)  
 UNION "T" FEMELLE  
 "T" AUFSCRAUB-VERSCHRAUBUNGEN  
 UNIONE A "T" FEMMINA



Ref.	A	B	C	H1	ØR1
34.65.02.02	33	16.5	10	14	1/8
34.65.04.04	44	22	11	19	1/4
34.65.06.06	52	26	13	22	3/8
34.65.08.08	62	31	15	27	1/2
34.65.12.12	70	35	17	33	3/4
34.65.16.16	88	44	20	41	1
34.65.20.20	100	50	23	48	1.1/4
34.65.24.24	108	54	24	58	1.1/2
34.65.32.32	140	70	26	66	2

34.90

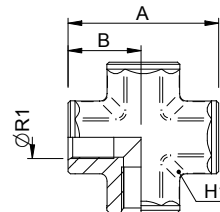
**CRUZ MACHO (GAS CILÍNDRICO)**  
**UNION CROSS MALE. (B.S.P. PARALLEL)**  
**ADAPTEUR CROIX MÂLE**  
**KREUZADAPTER STUTZEN**  
**RACCORDI INTERMEDI A CROCE MASCHIO**



Ref.	A	B	H1	ØR1
34.90.02.02				
34.90.04.04	50	25	14	1/4
34.90.06.06	60	30	19	3/8
34.90.08.08	69	34,5	22	1/2
34.90.12.12	78	39	27	3/4
34.90.16.16	92	46	33	1

34.95

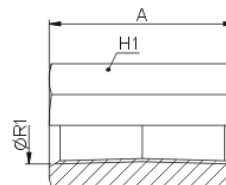
**CRUZ HEMBRA (GAS CILÍNDRICO)**  
**UNION CROSS FEMALE. (B.S.P. PARALLEL)**  
**ADAPTEUR CROIX FEMALE**  
**KREUZADAPTER**  
**RACCORDI INTERMEDI A CROCE FEMMINA**



Ref.	A	B	H1	ØR1
34.95.02.02	33	16.5	14	1/8
34.95.04.04	44	22	19	1/4
34.95.06.06	52	26	22	3/8
34.95.08.08	62	31	27	1/2
34.95.12.12	71.5	35.75	33	3/4
34.95.16.16	88	44	41	1

N30.12

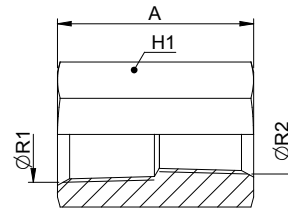
**SUPLEMENTO HEMBRA FIJA NPTF**  
**ADAPTER FEMALE NPTF**  
**ADAPTEUR FEMELLE NPTF**  
**GERADE VERSCHRAUBUNG NPTF**  
**UNIONE FEMMINA NPTF**



Ref.	A	H1	ØR1
N30.12.00.02			1/8
N30.12.00.04			1/4
N30.12.00.06			3/8
N30.12.00.08	38	27	1/2
N30.12.00.12			3/4
N30.12.00.16			1
N30.12.00.20			1.1/4
N30.12.00.24			1.1/2

### N30.12A

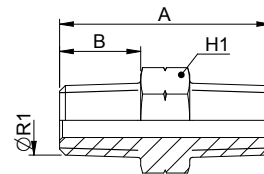
**SUPLEMENTO REDUCTOR HEMBRA FIJA NPTF**  
**REDUCTION ADAPTER FEMALE NPTF**  
**ADAPTEUR FEMELLE NPTF**  
**GERADE VERSCHRAUBUNG REDUZIERT NPTF**  
**RIDUZIONE FEMMINA NPTF**



Ref.	A	H1	ØR1	ØR2
N30.12.04.02	29.3	19	1/4	1/8
N30.12.06.04	34.4	22	3/8	1/4
N30.12.08.06	37.1	27	1/2	3/8
N30.12.12.08	42.8	32	3/4	1/2

### N30.17

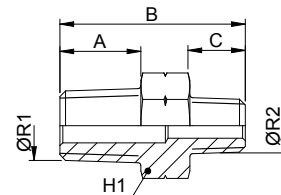
**EMPALME MACHO NPTF**  
**STRAIGHT ADAPTER MALE NPTF**  
**UNION DROIT MÂLE NPTF**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG NPTF**  
**UNIONE DIRITTA NPTF**



Ref.	A	B	H1	ØR1
N30.17.02.02	27	9.7	11	1/8
N30.17.04.04	37	14.2	16	1/4
N30.17.06.06	37	14.2	19	3/8
N30.17.08.08	48	19	22	1/2
N30.17.12.12	50	19	27	3/4
N30.17.16.16	59	23.9	36	1
N30.17.20.20	63	24.6	46	1.1/4
N30.17.24.24	66	25.4	50	1.1/2
N30.17.32.32	72	26.8	65	2

### N30.19

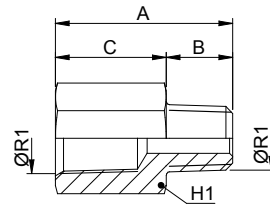
**EMPALME MACHO REDUCTOR NPTF**  
**REDUCTION STRAIGHT ADAPTER MALE NPTF**  
**UNION DROIT DE REDUCTION MÂLE NPTF**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT NPTF**  
**UNIONE DIRITTA DI RIDUZIONE NPTF**



Ref.	A	B	C	H1	ØR1	ØR2
N30.19.04.02	14.2	32.5	9.7	16	1/4	1/8
N30.19.06.02	14.2	32.5	9.7	19	3/8	1/8
N30.19.06.04	14.2	37	14.2	19	3/8	1/4
N30.19.08.04	19	43.5	14.2	22	1/2	1/4
N30.19.08.06	19	43.5	14.2	22	1/2	3/8
N30.19.12.08	19	50	19	27	3/4	1/2
N30.19.16.12	23.9	54.1	19	36	1	3/4
N30.19.20.16	24.6	62.3	23.9	46	1.1/4	1

### N30.27

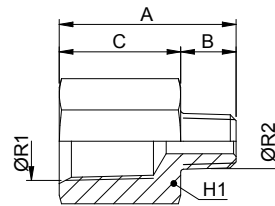
**SUPLEMENTO MACHO-HEMBRA NPTF**  
**ADAPTER MALE/FEMALE NPTF**  
**ADAPTEUR MÂLE/FEMELLE NPTF**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG NPTF**  
**UNIONE MASCHIO-FEMMINA NPTF**



Ref.	A	B	C	H1	ØR1
N30.27.02.02	26	9.7	16.3	14	1/8
N30.27.04.04	35.5	14.2	20.8	19	1/4
N30.27.06.06	37.2	14.2	23	22	3/8
N30.27.08.08	43	19	24	27	1/2
N30.27.12.12	49	19	30	32	3/4
N30.27.16.16	60	23.9	36.1	41	1

### N30.29

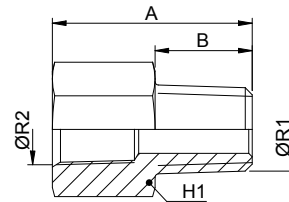
**SUPLEMENTO REDUCTOR MACHO-HEMBRA NPTF**  
**REDUCTION ADAPTER MALE-FEMALE NPTF**  
**ADAPTEUR DE REDUCTION MÂLE NPTF**  
**GERADE AUFSCHRAUB-VERSCHRAUBUNG NPTF**  
**RIDUZIONE MASCHIO-FEMMINA NPTF**



Ref.	A	B	C	H1	ØR1	ØR2
N30.29.04.02	31	9.7	21.3	19	1/4	1/8
N30.29.06.04	37.2	14.2	23	22	3/8	1/4
N30.29.08.06	43.2	14.2	29	27	1/2	3/8
N30.29.12.08	49	19	30	32	3/4	1/2
N30.29.16.12	55	19	36	41	1	1/2

### N30.31

**REDUCTOR MACHO-HEMBRA NPTF**  
**REDUCTION MALE-FEMALE NPTF**  
**ADAPTEUR DE REDUCTION MÂLE-FEMELLE**  
**GERADE AUFSCHRAUB-VERSCHRAUBUNG REDUZIER**  
**NPTF**  
**RIDUZIONE MASCHIO-FEMMINA NPTF**

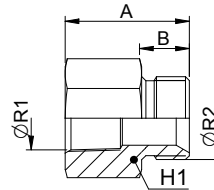


Ref.	A	B	H1	ØR1	ØR2
N30.31.04.02				1/4	1/8
N30.31.06.02				3/8	1/8
N30.31.06.04				3/8	1/4
N30.31.08.06				1/2	3/8
N30.31.12.08				3/4	1/2
N30.31.16.12				1	3/4



### N30.32

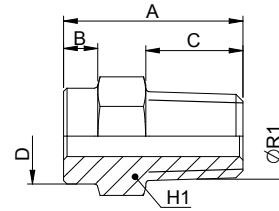
ADAPTADOR HEMBRA NPTF-MACHO GAS  
 ADAPTER NPTF FEMALE-MALE B.S.P. PARALLEL  
 ADAPTEUR FEMELLE NPTF-MÂLE GAZ CYLINDRIQUE  
 GERADE EINSCHRAUB NPTF-VERSCHRAUBUNG  
 WHITWORTH-ROHRGEWINDE ZYLINDRISCH  
 UNIONE FEMMINA NPTF-MASCHIO GAS CILINDRICA



Ref.	A	B	H1	ØR1	ØR2
N30.31.12.16	50	19	41	3/4	1
N30.31.16.16	55	19	41	1	1

### N30.35

MACHO SOLDABLE NPTF CON HEXAGONAL, TESTA  
 MALE WELDING BOSSES NPTF  
 UNION SIMPLE A SOUDER MÂLE NPTF  
 GERADE ANSCHWEIßVERSCHRAUBUNGEN NPTF  
 RACCORDO DIRITO SALDABLE MASCHIO NPTF



Ref.	A	B	C	D	H1	ØR1
N30.35.00.04	26.2	5	14.2	14	15	1/4
N30.35.00.06	28.2	6	14.2	16	18	3/8
N30.35.00.08	36	8	19	20	22	1/2
N30.35.00.12	39	10	19	25	27	3/4
N30.35.00.16	46.9	12	23.9	32	36	1
N30.35.00.20	50.6	14	24.6	41	46	1.1/4
N30.35.00.24						1.1/2
N30.35.00.32						2

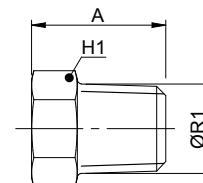
### N30.43

TUERCA CIEGA NPTF  
 PLUG FOR FITTING NPTF  
 OBTURATEUR POUR RACCORD NPTF  
 VERSCHLUß-STOPFEN NPTF  
 TAPPO PER RACCORDO NPTF

Ref.	A	B	H1	ØR1
N30.43.00.04				1/4

### N30.45

TAPÓN MACHO NPTF  
 MALE PLUG NPTF  
 OBTURATEUR MÂLE NPTF  
 VERSCHLUßTEIL NPTF  
 TAPPO MASCHIO NPTF



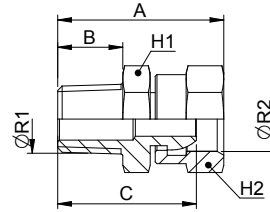
Ref.	A	H1	ØR1
N30.45.00.02	14.7	11	1/8
N30.45.00.04	19,2	14	1/4
N30.45.00.06	20,2	19	3/8
N30.45.00.08	25	22	1/2

Continua >

Ref.	A	H1	ØR1
N30.45.00.12	27	27	3/4
N30.45.00.16	31,9	36	1
N30.45.00.32	44,9	65	2

### N30.49

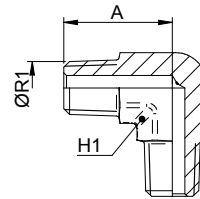
**ADAPTADOR MF NPTF-TL (GAS CILÍNDRICO)**  
**STRAIGHT ADAPTER MALE NPTF/ROTARY NUT (B.S.P. PARALLEL)**  
**ADAPTEUR MÂLE NPTF/ ECROU PIVOTANT (GAZ CILYNDRIQUE)**  
**GERADE EINSCHRAUB NPTF-STUTZEN MIT DREHMUTTERN (WHITWORTH-ROHRGEWINDE ZYLINDRISCH)**  
**UNIONE DIRITTA MASCHIO NPTF/DADO GIREVOLE (GAS CILINDRICA)**



Ref.	A	B	C	H1	H2	ØR1	ØR2
N30.49.02.02	29,7	9,7	23,2	14	14	1/8	1/8
N30.49.04.04	37,2	14,2	30,7	18	18	1/4	1/4
N30.49.06.06	38,7	14,2	33	22	22	3/8	3/8
N30.49.08.08	48,5	19	40,5	27	27	1/2	1/2
N30.49.12.12	52,5	19	44	32	32	3/4	3/4
N30.49.16.16	60,9	23,9	50,9	40	40	1	1

### N34.01

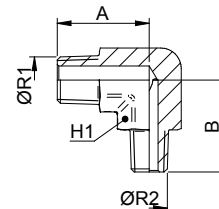
**CODO 90° MACHO NPTF**  
**ELBOW MALE 90° NPTF**  
**UNION COUDE 90° MÂLE NPTF**  
**WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90° NPTF**  
**UNIONE GOMITO 90° MASCHIO NPTF**



Ref.	A	H1	ØR1
N34.01.02.02	19	11	1/8
N34.01.04.04	27,5	14	1/4
N34.01.06.06	31	19	3/8
N34.01.08.08	37	22	1/2
N34.01.12.12	40	27	3/4
N34.01.16.16	50	41	1

### N34.03

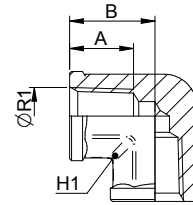
**CODO 90° REDUCTOR MF-MF NPTF**  
**REDUCTION ELBOW MALE COUPLING 90° NPTF**  
**UNION COUDE 90° DE REDUCTION MÂLE NPTF**  
**WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90° REDUZIERT NPTF**  
**UNIONE GOMITO 90° MASCHIO NPTF**



Ref.	A	B	H1	ØR1	ØR2
N30.43.06.04	31	31	19	3/8	1/4
N30.43.08.04				1/2	1/4
N30.43.08.06	37	32,2	22	1/2	3/8
N30.43.12.08	40	37	27	3/4	1/2
N30.43.16.12				1	3/4

### N34.15

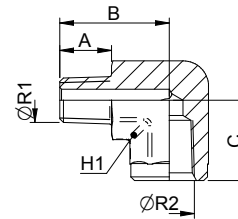
**CODO 90° HEMBRA NPTF**  
**ELBOW FEMALE COUPLING 90° NPTF**  
**UNION COUDE 90° FEMELLE NPTF**  
**WINKEL AUFSCHRAUB-VERSCHRAUBUNGEN 90° NPTF**  
**UNIONE GOMITO 90° FEMMINA NPTF**



Ref.	A	B	H1	ØR1
N34.15.02.02				1/8
N34.15.04.04	16.5	22	19	1/4
N34.15.06.06	17	26	22	3/8
N34.15.08.08	19	31	27	1/2
N34.15.12.12	22	36	33	3/4
N34.15.16.16	27	44	41	1
N34.15.20.20				1.1/4
N34.15.24.24				1.1/2

### N34.16

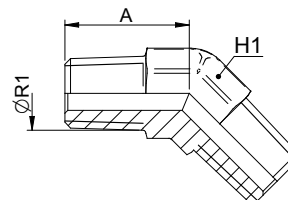
**CODO 90° MACHO-HEMBRA NPTF**  
**ELBOW MALE-FEMALE COUPLING 90° NPTF**  
**UNION COUDE 90° MÂLE-FEMELLE NPTF**  
**WINKEL AUFSCHRAUB-VERSCHRAUBUNGEN 90° NPTF**  
**UNIONE GOMITO 90° MASCHIO-FEMMINA NPTF**



Ref.	A	B	C	H1	ØR1	ØR2
N34.16.02.02				1/8	1/8	
N34.16.04.02				1/4	1/8	
N34.16.04.04	14.2	30	22	1/4	1/4	
N34.16.06.04				3/8	1/4	
N34.16.06.06	14.2	31	25.9	3/8	3/8	
N34.16.06.08				3/8	1/2	
N34.16.08.06				1/2	3/8	
N34.16.08.08	19	37	31	1/2	1/2	
N34.16.08.12				1/2	3/4	
N34.16.12.08				3/4	1/2	
N34.16.12.12				3/4	3/4	
N34.16.16.16				1	1	
N34.16.20.20				1.1/4	1.1/4	
N34.16.24.24				1.1/2	1.1/2	

### N34.41

**CODO 45° MACHO NPTF**  
**ELBOW MALE COUPLING 45° NPTF**  
**COUDE MÂLE 45° NPTF**  
**EINSTELLBARE WINKEL-EINSCHRAUB VERSCHRAUBUNG**  
**45° NPTF**  
**GOMITO MASCHIO 45° NPTF**



Ref.	A	H1	ØR1
N34.41.04.04			1/4
N34.41.06.06			3/8
N34.41.08.08			1/2
N34.41.12.12			3/4
N34.41.16.16			1

### N34.46

**CODO 45° HEMBRA NPTF**  
**ELBOW FEMALE COUPLING 45° NPTF**  
**COUDE FEMELLE 45° NPTF**  
**EINSTELLBARE AUFSCHRAUB-VERSCHRAUBUNGEN 45°**  
**NPTF**  
**GOMITO FEMMINA 45° NPTF**

Ref.	A	H1	ØR1
N34.46.02.02			1/8
N34.46.04.04			1/4
N34.46.06.06			3/8
N34.46.08.08			1/2
N34.46.12.12			3/4
N34.46.16.16			1

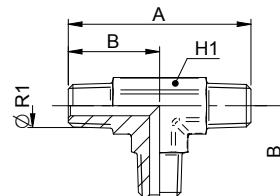
### N34.47

**CODO 45° MACHO-HEMBRA NPTF**  
**ELBOW COUPLING 45° MALE-FEMALE NPTF**  
**UNION COUDE 45° MÂLE-FEMELLE**  
**WINKEL AUFSCHRAUB-EINSCHRAUB ERSCHRAUBUNGEN**  
**45° NPTF**  
**UNIONE GOMITO 45° MASCHIO-FEMMINA NPTF**

Ref.	A	B	H1	ØR1
N34.47.04.04				1/4
N34.47.06.06				3/8
N34.47.08.08				1/2
N34.47.12.12				3/4
N34.47.16.16				1

### N34.51

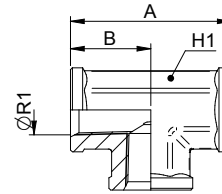
**TE MACHO NPTF**  
**"T" ADAPTER MALE NPTF**  
**UNION "T" MÂLE NPTF**  
**T-VERSCHRAUBUNGEN NPTF**  
**UNIONE A "T" MASCHIO NPTF**



Ref.	A	B	H1	ØR1
N34.51.02.02	40	20	11	1/8
N34.51.04.04	54	27	14	1/4
N34.51.06.06	61	30.5	19	3/8
N34.51.08.08	74	37	22	1/2
N34.51.12.12	80	40	27	3/4
N34.51.16.16	100	50	41	1

### N34.65

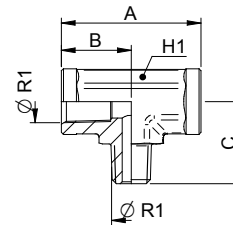
TE HEMBRA NPTF  
 "T" ADAPTER FEMALE NPTF  
 UNION "T" FEMELLE NPTF  
 "T" AUFSCHRAUB-VERSCHRAUBUNGEN NPTF  
 UNIONE A "T" FEMMINA NPTF



Ref.	A	B	H1	ØR1
N34.65.02.02				1/8
N34.65.04.04				1/4
N34.65.06.06	52	26	22	3/8
N34.65.08.08	62	31	27	1/2
N34.65.12.12	70	35	33	3/4
N34.65.16.16	88	44	41	1
N34.65.20.20				1.1/4
N34.65.24.24				1.1/2

### N34.66

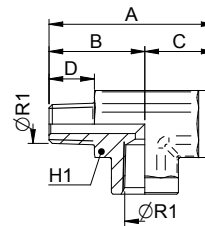
TE HEMBRA-MACHO CENTRAL NPTF  
 "T" OF LINE FEMALE-MALE NPTF  
 "T" DE LIGNE FEMELLE-MÂLE NPTF  
 EINSTELLBARE "T" AUFSCHRAUB-EINSCHRAUB  
 VERSCHRAUBUNG NPTF  
 "T" DI LINEA FEMMINA-MASCHIO NPTF



Ref.	A	B	C	H1	ØR1
N34.66.02.02	34	17	20	14	1/8
N34.66.04.04	44	22	28	19	1/4
N34.66.06.06	52	26	31	22	3/8
N34.66.08.08	62	31	37	27	1/2
N34.66.12.12	70	35	40	33	3/4
N34.66.16.16	82	41	50	41	1

### N34.67

TE HEMBRA-MACHO LATERAL NPTF  
 DERIVATING "T" FEMALE-MALE NPTF  
 "T" DE DERIVATION FEMELLE-MÂLE NPTF  
 ABLEITUNG "T" AUFSCHRAUB-EINSCHRAUB NPTF  
 "T" DE DERIVAZIONI FEMMINA-MASCHIO NPTF



Ref.	A	B	C	D	H1	ØR1
N34.67.02.02	37	20	17	9.7	14	1/8
N34.67.04.04	52	30	22	14.2	19	1/4
N34.67.06.06	57	31	26	14.2	22	3/8
N34.67.08.08	68	37	31	19	27	1/2
N34.67.12.12	75	40	35	19	33	3/4
N34.67.16.16	91	50	41	23.9	41	1

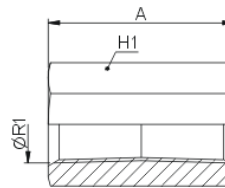
**N34.95**

**CRUZ HEMBRA NPTF**  
**UNION CROSS FEMALE NPTF**  
**ADAPTEUR CROIX FEMELLE NPTF**  
**KREUZADAPTEN NPTF**  
**RACCORDI INTERMEDI A CROCE FEMMINA NPTF**

Ref.	A	B	C	H1	ØR1
N34.95.02.02					1/8
N34.95.04.04					1/4
N34.95.06.06					3/8
N34.95.08.08					1/2
N34.95.12.12					3/4
N34.95.16.16					1

**B30.12**

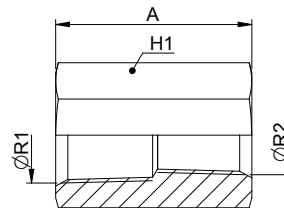
**SUPLEMENTO HEMBRA FIJA BSPT**  
**ADAPTER FEMALE B.S.P TAPERED**  
**ADAPTEUR FEMELLE BSPT**  
**GERADE VERSCHRAUBUNG BSPT**  
**UNIONE FEMMINA BSPT**



Ref.	A	H1	ØR1
B30.12.00.02			1/8
B30.12.00.04			1/4
B30.12.00.06			3/8
B30.12.00.08			1/2
B30.12.00.12			3/4
B30.12.00.16			1
B30.12.00.20			1.1/4
B30.12.00.24			1.1/2

**B30.12A**

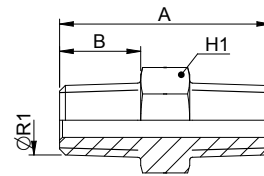
**SUPLEMENTO REDUCTOR HEMBRA FIJA BSPT**  
**REDUCTION ADAPTER FEMALE B.S.P. TAPERED**  
**ADAPTEUR FEMELLE BSPT**  
**GERADE VERSCHRAUBUNG REDUZIERT BSPT**  
**RIDUZIONE FEMMINA BSPT**



Ref.	A	H1	ØR1	ØR2
B30.12.04.02			1/4	1/8
B30.12.06.04			3/8	1/4
B30.12.08.06			1/2	3/8
B30.12.12.08			3/4	1/2

### B30.17

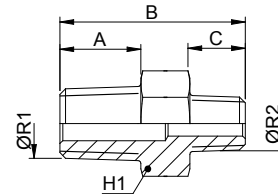
**EMPALME MACHO BSPT**  
**STRAIGHT ADAPTER MALE BSPT**  
**UNION DROIT MÂLE BSPT**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG BSPT**  
**UNIONE DIRITTA BSPT**



Ref.	A	B	H1	ØR1
B30.17.02.02				1/8
B30.17.04.04				1/4
B30.17.06.06				3/8
B30.17.08.08				1/2
B30.17.12.12				3/4
B30.17.16.16				1
B30.17.20.20				1.1/4
B30.17.24.24				1.1/2
B30.17.32.32				2

### B30.19

**EMPALME MACHO REDUCTOR BSPT**  
**REDUCTION STRAIGHT ADAPTER MALE BSPT**  
**UNION DROIT DE REDUCTION MÂLE BSPT**  
**GERADE EINSCHRAUB-VERSCHRAUBUNG REDUZIERT BSPT**  
**UNIONE DIRITTA DI RIDUZIONE BSPT**



Ref.	A	B	C	H1	ØR1	ØR2
B30.19.04.02	31.9	14.2	9.7	14	1/4	1/8
B30.19.06.04	36.9	14.2	14.2	17	3/8	1/4
B30.19.08.04	43.2	19	14.2	22	1/2	1/4
B30.19.08.06	43.2	19	14.2	22	1/2	3/8
B30.19.12.08	50.1	19	19	27	3/4	1/2
B30.19.16.12	54.9	23.9	19	36	1	3/4

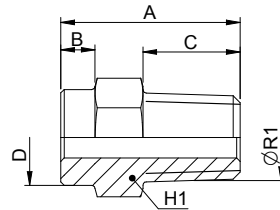
### B30.31

**REDUCTOR MACHO-HEMBRA BSPT**  
**REDUCTION MALE-FEMALE BSPT**  
**ADAPTEUR DE REDUCTION MÂLE-FEMELLE BSPT**  
**GERADE AUFSCHRAUB-VERSCHRAUBUNG REDUZIERT BSPT**  
**RIDUZIONE MASCHIO-FEMMINA BSPT**

Ref.	A	B	H1	ØR1	ØR2
B30.31.06.04				3/8	1/4

**B30.35**

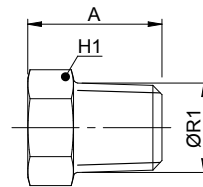
**MACHO SOLDABLE BSPT CON HEXAGONAL, TESTA  
 MALE WELDING BOSSES BSPT  
 UNION SIMPLE A SOUDER MÂLE BSPT  
 GERADE ANSCHWEIßVERSCHRAUBUNGEN BSPT  
 RACCORDO DIRITO SALDABILE MASCHIO BSPT**



Ref.	A	B	C	D	H1	ØR1
B30.35.00.04						1/4
B30.35.00.06						3/8
B30.35.00.08						1/2
B30.35.00.12						3/4
B30.35.00.16						1
B30.35.00.20						1.1/4
B30.35.00.24						1.1/2
B30.35.00.32						2

**B30.45**

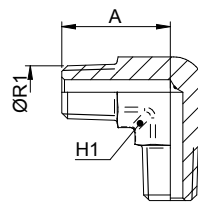
**TAPÓN MACHO BSPT  
 MALE PLUG BSPT  
 OBTURATEUR MÂLE BSPT  
 VERSCHLUßTEIL BSPT  
 TAPPO MASCHIO BSPT**



Ref.	A	H1	ØR1
B30.45.00.02	14.7	11	1/8
B30.45.00.04	19.2	14	1/4
B30.45.00.06	20.2	17	3/8
B30.45.00.08	25	22	1/2
B30.45.00.12	27	27	3/4
B30.45.00.16	31.9	36	1
B30.45.00.20			1.1/4

**B34.01**

**CODO 90° MACHO BSPT  
 ELBOW MALE 90° BSPT  
 UNION COUDE 90° MÂLE BSPT  
 WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90° BSPT  
 UNIONE GOMITO 90° MASCHIO BSPT**

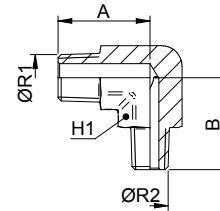


Ref.	A	H1	ØR1
B34.01.02.02	19	11	1/8
B34.01.04.04	27.5	14	1/4
B34.01.06.06	31	19	3/8
B34.01.08.08	37	22	1/2
B34.01.12.12	40	27	3/4
B34.01.16.16	50	41	1



**B34.03**

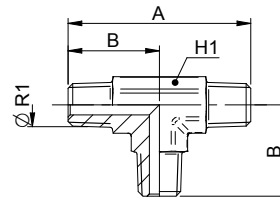
**CODO 90° REDUCTOR MF-MF BSPT**  
**REDUCTION ELBOW MALE COUPLING 90° BSPT**  
**UNION COUDE 90° DE REDUCTION MÂLE BSPT**  
**WINKEL EINSCHRAUB-VERSCHRAUBUNGEN 90°**  
**REDUZIERT BSPT**  
**UNIONE GOMITO 90° MASCHIO BSPT**



Ref.	A	B	H1	ØR1	ØR2
B34.03.06.04	31	31	19	3/8	1/4
B34.03.08.06	37	32.2	22	1/2	33/8
B34.03.12.08	40	37	27	3/4	1/2
B34.03.16.12	50	45.1	41	1	3/4

**B34.51**

**TE MACHO BSPT**  
**"T" ADAPTER MALE BSPT**  
**UNION "T" MÂLE BSPT**  
**T-VERSCHRAUBUNGEN BSPT**  
**UNIONE A "T" MASCHIO BSPT**



Ref.	A	B	H1	ØR1
B34.51.02.02	40	20	11	1/8
B34.51.04.04	54	27	14	1/4
B34.51.06.06	61	30.5	19	3/8
B34.51.08.08	74	37	22	1/2
B34.51.12.12	80	40	27	3/4
B34.51.16.16	100	50	41	1



