

(DIN EN 10204:2004E - ISO 10474 3.1 B)

Vendido a:	PLESA ANAHUAC Y CIA. S.A. DE C.V.	Pedido del Cliente No:	2504 -	Lista de Empaque:	8919	Fecha/Date:	26 de Febrero de 2007
Sold to:		Customers Order No:		Packing List:		Factural/Invoice:	Bocas / Ends
Especificaciones y Grados / Standard or Specification and Steel Grade		Dimensiones y tolerancias / Dimension and tolerances				Biselado / Bevelled ends	
Seamless Fittings according to ASTM A 234-97, A 234-08a, NACE MR 01:75-2003		ASME B 16.9 - 2003 and ASME B 16.28 - 1994					
Conform to ASME II Ed. 2001 ASME SA-234, Grade WPB							

DESCRIPCION DE MATERIAL / MATERIAL DESCRIPTION				PRUEBAS MECANICAS / MECHANICAL TEST				PRUEBA DE IMPACTO 0°C / IMPACT TEST 0°C				
ART. ITEM	COLADA HEAT CODE	CANTIDAD QUANTITY	DESCRIPCION / DESCRIPTION	ESF. CEDENCIA YIELD STRENGTH (Mpa)	ESF. RUPTURA TENSILE STRENGTH (Mpa)	ELONG. %2"	DUREZA HB	DIMENSIONES SAMPLE DIM mm	1 Joules	2 Joules	3 Joules	PROMEDIO AVERAGE Joules
1	T32569	40	CODO 10 X 90° R. I. CED-STD	322	489	40	83					

ANALISIS QUIMICO / CHEMICAL ANALYSIS														
PROCESO PROCESS	COLADA HEAT CODE	COLADA/HEAT M.P./MOTHER PIPE	%C.E.	%C	%Mn	%P	%S	%Si	%Cr	%Cu	%Mo	%Ni	%V	%Nb
HF	T32569	32569	0.320	0.180	0.710	0.011	0.001	0.280	0.060	0.076	0.031	0.030	0.000	0.000

Notes:
 Formado en caliente a 620°C-890°C, enfriado al aire; Formado en frío normalizado a 840°C max.
 Tiempo de permanencia 10'.
 Inspección Dimensional: Satisfactoria.
 Visual dimensional check: Satisfactory

Notes:
 Hot formed fittings in a range from 620°C to 890°C, cooled in still air.
 Cold formed normalized at 840°C max.
 Holding time 10'.
 Visual dimensional check: Satisfactory

CF: FORMADO EN CALIENTE/HOT FORMED

CF: FORMADO EN FRIJO/COLD FORMED

The Products described herein were produced in accordance with the above referenced specification and are identified with the "R" which is permanently marked on each fitting.

Jefe de Calidad:
 Quality Manager:

ING. JOSE MARTINEZ MACIAS

CC-008