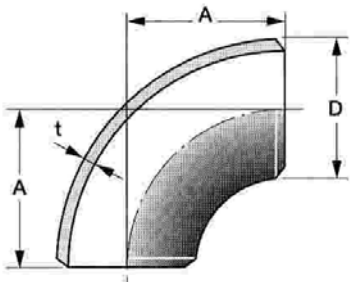
		COURBES 90° LONG RAYON A SOUDER ACIER DN450 à 1000 - (ASTM A 234 GRADE WPB) Epais. STANDARD (STD) LONG RADIUS 90° STEEL BUTT WELDING BENDS ND450 to 1000 (ASTM A 234 GRADE WPB) STANDARD Thickness (STD)				B.51.21.A1.14		REV. C																																																																																					
STANDARD ELEMENTAIRE ELEMENT STANDARD																																																																																													
PRINCIPALES UTILISATIONS Méthanier CHINOIS (R80)				MAIN USES (R80) CHINESE LNG Tanker																																																																																									
APPLICABILITE POTENTIELLE NAVIRE				POTENTIAL SHIP APPLICABILITY																																																																																									
<div>Passagers</div> <div>Militaire</div> <div>Méthanier</div> <div>Rapide</div>				<div>Passengers</div> <div>Military</div> <div>LNG Tanker</div> <div>High speed craft</div>																																																																																									
DOCUMENTS DE REFERENCE Tubes suivant A.11.12.A1.11 Tubes suivant A.11.12.A1.12 Courbes suivant B.51.21.A1.13 (DN15 à 400)				REFERENCE DOCUMENTS Pipes as per A.11.12.A1.11 Pipes as per A.11.12.A1.12 Bends as per B.51.21.A1.13 (DN15 à 400)																																																																																									
MATIERE / TRAITEMENT DE SURFACE ASTM A 234 Grade WPB				MATERIAL / TREATMENT SURFACE ASTM A 234 Grade WPB																																																																																									
CARACTERISTIQUES Suivant ANSI B 16 9				CHARACTERISTIC As per ANSI B 16 9																																																																																									
																																																																																													
Dimensions en mm																																																																																													
<table><tr><th>NPS (Nominal Pipe Size)</th><th>DN (Nominal Diameter)</th><th>Diamètre Extérieur (Outside Diameter) D</th><th>A</th><th>Epaisseur (Thickness) t</th><th>MASSE (Weight) (kg)</th><th>REFERENCE OBJET (Reference)</th></tr><tr><td>18</td><td>450</td><td>457</td><td>686</td><td>9.52</td><td>112.90</td><td>SA032090</td></tr><tr><td>20</td><td>500</td><td>508</td><td>762</td><td>9.52</td><td>142.40</td><td>SA032091</td></tr><tr><td>(22)</td><td>(550)</td><td>(559)</td><td>(838)</td><td>(9.52)</td><td>(178.00)</td><td>-</td></tr><tr><td>24</td><td>600</td><td>610</td><td>914</td><td>9.52</td><td>202.00</td><td>SA032092</td></tr><tr><td>(26)</td><td>(650)</td><td>(660)</td><td>(991)</td><td>(9.52)</td><td>(270.00)</td><td>-</td></tr><tr><td>28</td><td>700</td><td>711</td><td>1067</td><td>9.52</td><td>300.00</td><td>SA032093</td></tr><tr><td>(30)</td><td>(750)</td><td>(762)</td><td>(1143)</td><td>(9.52)</td><td>(333.00)</td><td>-</td></tr><tr><td>32</td><td>800</td><td>813</td><td>1219</td><td>9.52</td><td>390.00</td><td>SA032094</td></tr><tr><td>(34)</td><td>(850)</td><td>(864)</td><td>(1295)</td><td>(9.52)</td><td>(430.00)</td><td>-</td></tr><tr><td>36</td><td>900</td><td>914</td><td>1372</td><td>9.52</td><td>482.00</td><td>SA032095</td></tr><tr><td>40</td><td>1000</td><td>1016</td><td>1524</td><td>9.52</td><td>580.00</td><td>SA032096</td></tr></table>										NPS (Nominal Pipe Size)	DN (Nominal Diameter)	Diamètre Extérieur (Outside Diameter) D	A	Epaisseur (Thickness) t	MASSE (Weight) (kg)	REFERENCE OBJET (Reference)	18	450	457	686	9.52	112.90	SA032090	20	500	508	762	9.52	142.40	SA032091	(22)	(550)	(559)	(838)	(9.52)	(178.00)	-	24	600	610	914	9.52	202.00	SA032092	(26)	(650)	(660)	(991)	(9.52)	(270.00)	-	28	700	711	1067	9.52	300.00	SA032093	(30)	(750)	(762)	(1143)	(9.52)	(333.00)	-	32	800	813	1219	9.52	390.00	SA032094	(34)	(850)	(864)	(1295)	(9.52)	(430.00)	-	36	900	914	1372	9.52	482.00	SA032095	40	1000	1016	1524	9.52	580.00	SA032096
NPS (Nominal Pipe Size)	DN (Nominal Diameter)	Diamètre Extérieur (Outside Diameter) D	A	Epaisseur (Thickness) t	MASSE (Weight) (kg)	REFERENCE OBJET (Reference)																																																																																							
18	450	457	686	9.52	112.90	SA032090																																																																																							
20	500	508	762	9.52	142.40	SA032091																																																																																							
(22)	(550)	(559)	(838)	(9.52)	(178.00)	-																																																																																							
24	600	610	914	9.52	202.00	SA032092																																																																																							
(26)	(650)	(660)	(991)	(9.52)	(270.00)	-																																																																																							
28	700	711	1067	9.52	300.00	SA032093																																																																																							
(30)	(750)	(762)	(1143)	(9.52)	(333.00)	-																																																																																							
32	800	813	1219	9.52	390.00	SA032094																																																																																							
(34)	(850)	(864)	(1295)	(9.52)	(430.00)	-																																																																																							
36	900	914	1372	9.52	482.00	SA032095																																																																																							
40	1000	1016	1524	9.52	580.00	SA032096																																																																																							
(....) : Emploi à éviter (To be avoid)																																																																																													
DOCUMENT DE CONTROLE A DELIVRER PAR LE FOURNISSEUR CONTROL DOCUMENTS TO BE DELIVERED BY THE SUPPLIER Certificat de réception suivant règlement ABS 2003 (4-6-1/7) Certification of piping component as per ABS rules 2003 (4-6-1/7)				FOURNISSEUR / REFERENCE SUPPLIER / REFERENCE Non imposé / No imposed			ETAT DE LIVRAISON DELIVERY STATUS																																																																																						
MATERIEL AVEC APPROBATION MATERIAL WITH APPROVAL Suivant règlement ABS 2003 (4-6-1/7) As per ABS rules 2003 (4-6-1/7)				NORME DE REFERENCE REFERENCE NORM ASTM A 234 ANSI B 16 9			ETAT DE CONDITIONNEMENT CONDITIONNING STATUS																																																																																						
							COLISAGE PACKAGING																																																																																						
Resp. Standardisation J. BELLANGER Le 24/07/03		Resp. Fonction Technique L. PERIO Le 24/07/03		Rev 0 (JP COUEDEL) Création du document pour le méthanier chinois (Demande D. THOMAS) Rév. B et C : Modification du logo + copyright																																																																																									