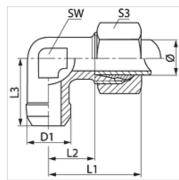


Características	
Conexão 1	Conexão soldável macho para tubo métrico
Conexão 2	Rosca externa métrica cilíndrica
Tipo de vedação 2	Cone interno 24°
Tipo	Conexão para tubo macho soldável
Modelo	Ângulo de 90°
Norma	ISO 8434-1
Escopo de fornecimento	Conexão com porca e anilha
Material	Aço
Proteção de superfície	fosfatado e oleado (Znphr5f)





Nota

As instruções relativas à montagem e instalação, às cargas de pressão e às temperaturas operacionais admissíveis constam nas Informações Técnicas para Conexões para tubo.

Descrição Série Pressão operacional bar Ø externo do tubo (mm) D1 (mm) (mm) L1 (mm) (mm) L2 (mm) L3 (mm) SW (mm) WSA NW 04 HL L PN 315 6 10 27 12,0 19 12 WSA NW 06 HL L PN 315 8 12 29 14,0 23 12 WSA NW 08 HL L PN 315 10 14 30 15,0 24 14 WSA NW 10 HL L PN 315 12 16 32 17,0 25 17 WSA NW 13 HL L PN 315 15 19 36 21,0 30 19 WSA NW 20 HL L PN 160 22 27 44 27,5 37 27 WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 03 HS <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Artigo</th></t<>								Artigo
WSA NW 06 HL L PN 315 8 12 29 14,0 23 12 WSA NW 08 HL L PN 315 10 14 30 15,0 24 14 WSA NW 10 HL L PN 315 12 16 32 17,0 25 17 WSA NW 13 HL L PN 315 15 19 36 21,0 30 19 WSA NW 16 HL L PN 315 18 22 40 23,5 33 24 WSA NW 20 HL L PN 160 22 27 44 27,5 37 27 WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13						Pressão operacional bar	Série	Descrição
WSA NW 08 HL L PN 315 10 14 30 15,0 24 14 WSA NW 10 HL L PN 315 12 16 32 17,0 25 17 WSA NW 13 HL L PN 315 15 19 36 21,0 30 19 WSA NW 16 HL L PN 315 18 22 40 23,5 33 24 WSA NW 20 HL L PN 160 22 27 44 27,5 37 27 WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 <td>19 12 14</td> <td>12,0</td> <td>27</td> <td>10</td> <td>6</td> <td>PN 315</td> <td>L</td> <td>WSA NW 04 HL</td>	19 12 14	12,0	27	10	6	PN 315	L	WSA NW 04 HL
WSA NW 10 HL L PN 315 12 16 32 17,0 25 17 WSA NW 13 HL L PN 315 15 19 36 21,0 30 19 WSA NW 16 HL L PN 315 18 22 40 23,5 33 24 WSA NW 20 HL L PN 160 22 27 44 27,5 37 27 WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	23 12 17	14,0	29	12	8	PN 315	L	WSA NW 06 HL
WSA NW 13 HL L PN 315 15 19 36 21,0 30 19 WSA NW 16 HL L PN 315 18 22 40 23,5 33 24 WSA NW 20 HL L PN 160 22 27 44 27,5 37 27 WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	24 14 19	15,0	30	14	10	PN 315	L	WSA NW 08 HL
WSA NW 16 HL L PN 315 18 22 40 23,5 33 24 WSA NW 20 HL L PN 160 22 27 44 27,5 37 27 WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	25 17 22	17,0	32	16	12	PN 315	L	WSA NW 10 HL
WSA NW 20 HL L PN 160 22 27 44 27,5 37 27 WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	30 19 27	21,0	36	19	15	PN 315	L	WSA NW 13 HL
WSA NW 25 HL L PN 160 28 32 47 30,5 42 36 WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	33 24 32	23,5	40	22	18	PN 315	L	WSA NW 16 HL
WSA NW 32 HL L PN 160 35 40 56 34,5 49 41 WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	37 27 36	27,5	44	27	22	PN 160	L	WSA NW 20 HL
WSA NW 40 HL L PN 160 42 46 63 40,0 61 50 WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	42 36 41	30,5	47	32	28	PN 160	L	WSA NW 25 HL
WSA NW 03 HS S PN 630 6 11 31 16,0 23 12 WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	49 41 50	34,5	56	40	35	PN 160	L	WSA NW 32 HL
WSA NW 04 HS S PN 630 8 13 32 17,0 24 14	61 50 60	40,0	63	46	42	PN 160	L	WSA NW 40 HL
	23 12 17	16,0	31	11	6	PN 630	S	WSA NW 03 HS
WSA NW 06 HS S PN 630 10 15 34 17,5 25 17	24 14 19	17,0	32	13	8	PN 630	S	WSA NW 04 HS
	25 17 22	17,5	34	15	10	PN 630	S	WSA NW 06 HS
WSA NW 08 HS S PN 630 12 17 38 21,5 29 17	29 17 24	21,5	38	17	12	PN 630	S	WSA NW 08 HS
WSA NW 10 HS S PN 630 14 19 40 22,0 30 19	30 19 27	22,0	40	19	14	PN 630	S	WSA NW 10 HS
WSA NW 13 HS S PN 400 16 21 43 24,5 33 24	33 24 30	24,5	43	21	16	PN 400	S	WSA NW 13 HS
WSA NW 16 HS S PN 400 20 26 48 26,5 37 27	37 27 36	26,5	48	26	20	PN 400	S	WSA NW 16 HS
WSA NW 20 HS S PN 400 25 31 54 30,0 42 36	42 36 46	30,0	54	31	25	PN 400	S	WSA NW 20 HS
WSA NW 25 HS S PN 400 30 36 62 35,5 49 41	49 41 50	35,5	62	36	30	PN 400	S	WSA NW 25 HS
WSA NW 32 HS S PN 315 38 44 72 41,0 57 50	57 50 60	41,0	72	44	38	PN 315	S	WSA NW 32 HS

Série: LL = muito leve L = leve S = pesada - PN = Pressão nominal PB = Pressão operacional máx. - Ø = diâmetro externo do tubo

Variantes do produto		
WSA VA	Conexão roscada para solda, ângulo 90°, Aço inoxidável	
XWSA	Conexão roscada para solda, ângulo 90°, Aço	