ELDRACHER®

REFRIGERACIÓN E INYECCIÓN

05

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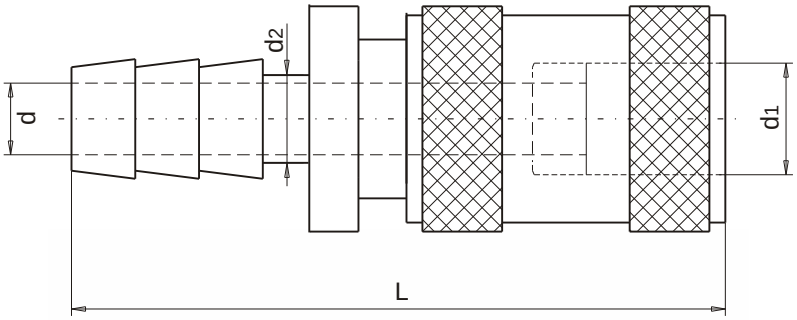
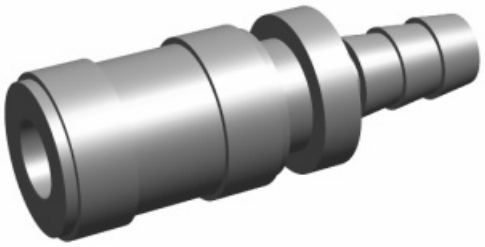
ENCHUFE RAPIDO
QUICK RELEASE COUPLING (SOCKET)



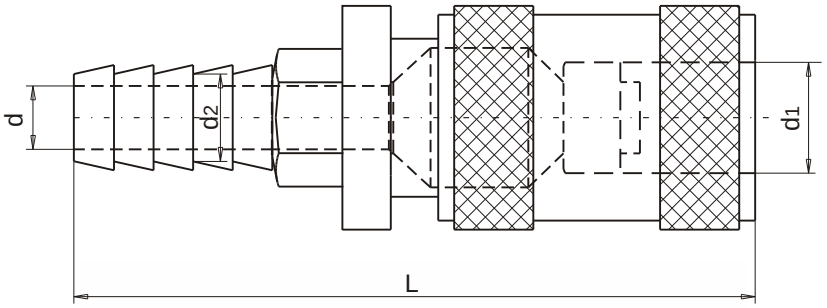


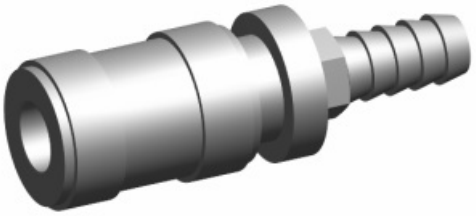
MATERIAL : **Latón** / ***Brass***

	Medidas del adaptador *Connector plugs*			
d	**d1**	**R**	**d2**	**L**
6	9	1/4" gas - 1/8” gas	9	57
8	13	1/4" gas - 3/8” gas	11	72

FORMA DE PEDIDO / *ORDER FORM* : d.

ENCHUFE RAPIDO CON VALVULA
QUICK RELEASE COUPLING WITH VALVE (SOCKET)



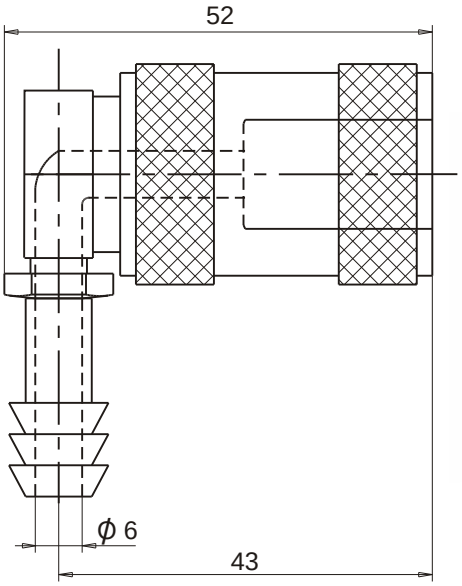


MATERIAL : Latón / ***Brass***

	Medidas del adaptador *Connector plugs*			
d	**d1**	**R**	**d2**	**L**
6	9	1/4" gas - 1/8” gas	9	70
8	13	1/4" gas - 3/8” gas	11	85

FORMA DE PEDIDO / *ORDER FORM* : d.

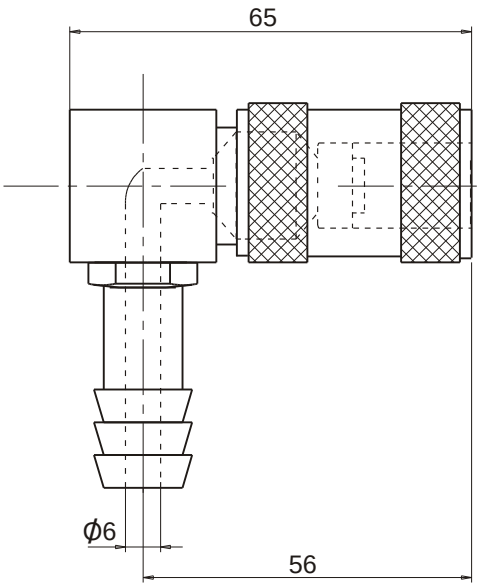
ENCHUFE RAPIDO ACODADO
90º QUICK RELEASE COUPLING



MATERIAL : **Latón** ***/ Brass***

FORMA DE PEDIDO : Enchufe rápido acodado.
ORDER FORM : 90º Quick release coupling

ENCHUFE RAPIDO ACODADO CON VALVULA
90º QUICK RELEASE COUPLING WITH VALVE

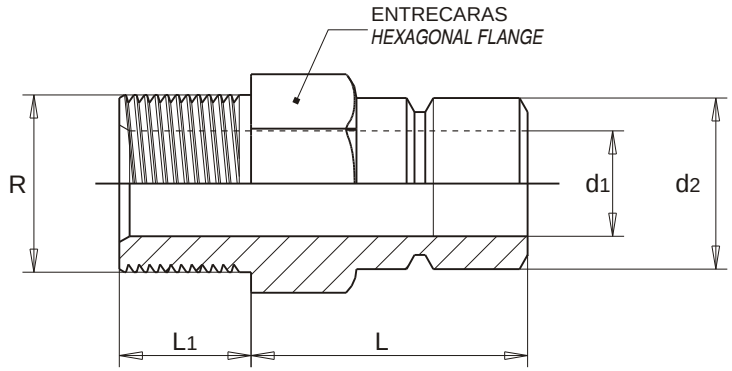


MATERIAL : Latón / ***Brass***

FORMA DE PEDIDO : Enchufe rápido acodado con válvula.

ORDER FORM : 90º Quick release coupling with valve

ADAPTADOR PARA ENCHUFE RAPIDO MACHO
MALE JOINT PLUG

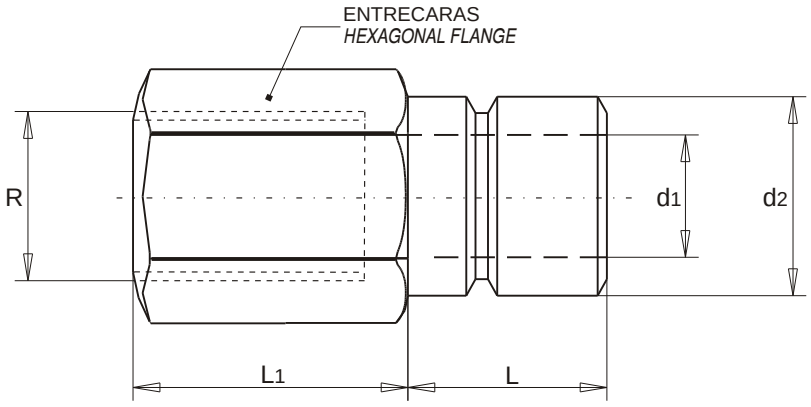


MATERIAL : **Latón / *Brass***

R	d1	d2	Entrecaras *Hexagon flat distance*	L	L1
1/8"	6	9	13	15	10
1/4"	6	9	17	15	10
1/4"	8	13	17	21	10
3/8"	8	13	17	21	10

FORMA DE PEDIDO / *ORDER FORM* : R x d1

ADAPTADOR PARA ENCHUFE RAPIDO HEMBRA
FEMALE JOINT PLUG

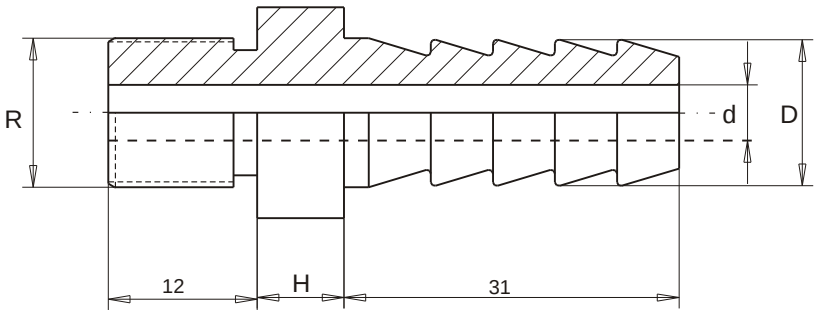


MATERIAL : **Latón / *Brass***

R	d1	d2	Entrecaras *Hexagon flat distance*	L	L1
1/8"	6	9	13	10	15
1/4"	6	9	17	10	15
1/4"	8	13	17	15	15
3/8"	8	13	17	15	15

FORMA DE PEDIDO / *ORDER FORM* : R x d1

BOQUILLA REFRIGERACION MACHO
MALE HOSE NIPPLE (HEXAGON TYPE)

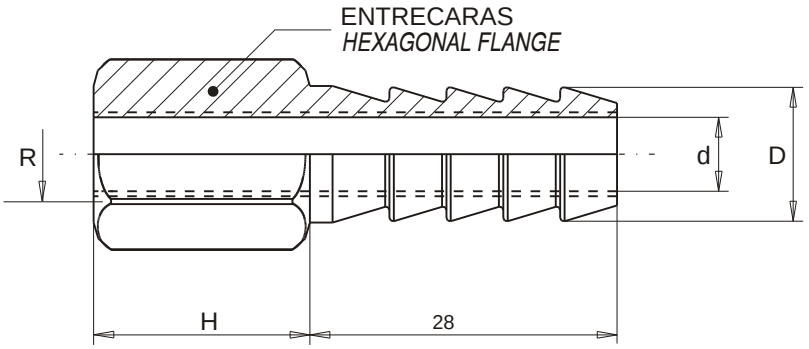


MATERIAL : Hierro o Latón / Steel or *Brass*

R	D	d	Entrecaras *Hexagon flat distance*	H
1/8"	13	6	14	7
1/4"	13	7	14	7
1/4"	15	7	17	10
3/8"	15	9	17	10

FORMA DE PEDIDO / *ORDER FORM* : R / Material

BOQUILLA REFRIGERACION HEMBRA
FEMALE HOSE NIPPLES (HEXAGON TYPE)

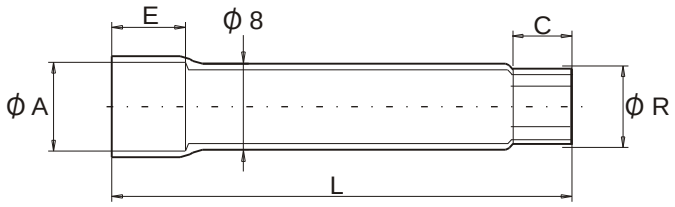


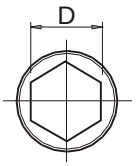
MATERIAL : Latón / ***Brass***

R	D	d	Entrecaras *Hexagon flat distance*	H
1/8"	13	7	14	15
1/4"	13	7	16	15
3/8"	15	10	20	20
3/8"	15	9	20	20

FORMA DE PEDIDO / *ORDER FORM* : R

TUBO ROSCADO MACHO / HEMBRA
MALE / FEMALE COOLING PIPE



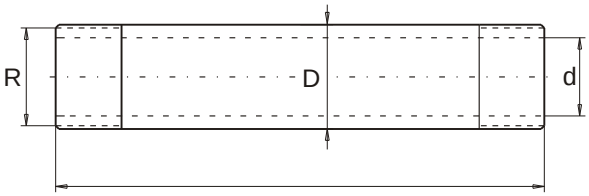


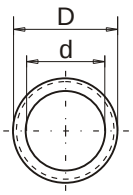
TUBO ROSCADO HEMBRA / *FEMALE COOLING PIPE*

MATERIAL : Hierro zincado */ Zinc plated steel*

A	B	C	D	E	R	L				
						50	75	100	125	150
1/8"	10	9	5	11	1/8"	*	*	*	*	
1/4"	14	10	8	12	1/4"	*	*	*	*	*

FORMA DE PEDIDO / *ORDER FORM* : R x L





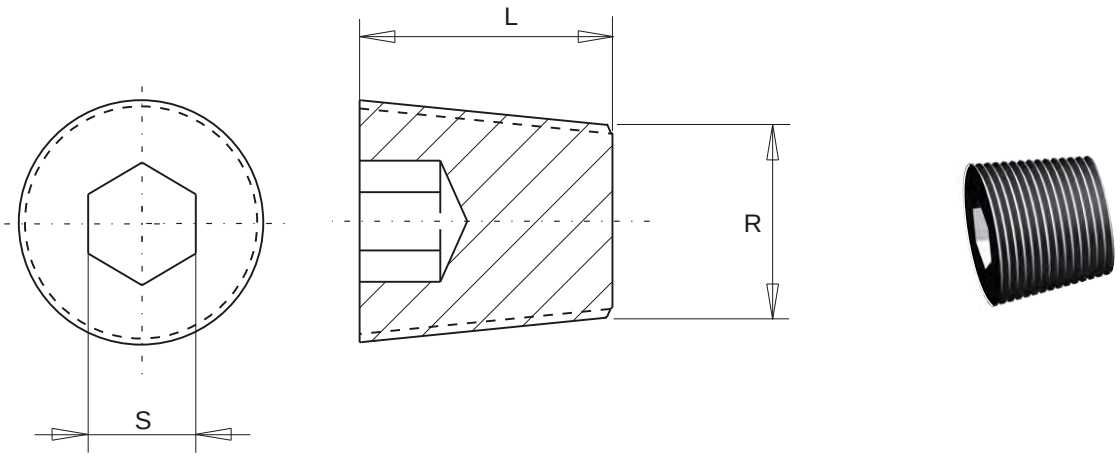
TUBO ROSCADO MACHO / *MALE COOLING PIPE*

MATERIAL : Hierro zincado */ Zinc plated steel*

R	d	D	L										
			50	75	100	125	150	175	200	225	250	300	350	400
1/8"	7	10	*	*	*	*	*	*	*	*				
1/4"	9	13	*	*	*	*	*	*	*	*	*	*	*	*
3/8"	12	16			*	*	*	*	*	*	*	*	*	*

FORMA DE PEDIDO / *ORDER FORM* : R x L

TAPON CONICO ALLEN
COOLING CIRCUIT SCREW PLUG

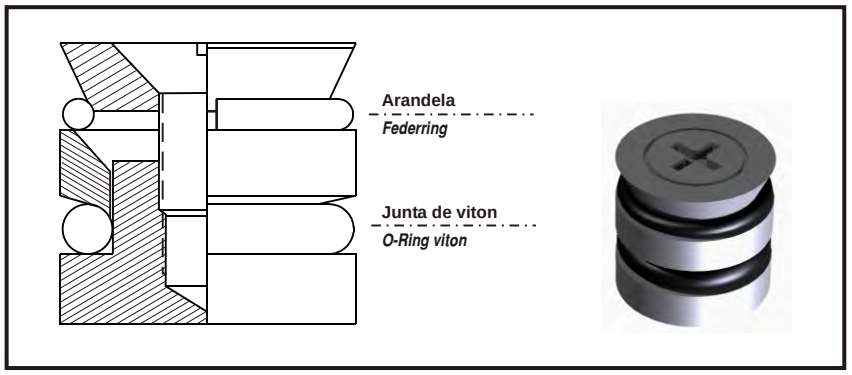


MATERIAL : Latón / ***Brass***

R	S	L
1/8"	5	8
1/4"	6	10
3/8"	10	12
1/2"	10	12
3/4"	12	12

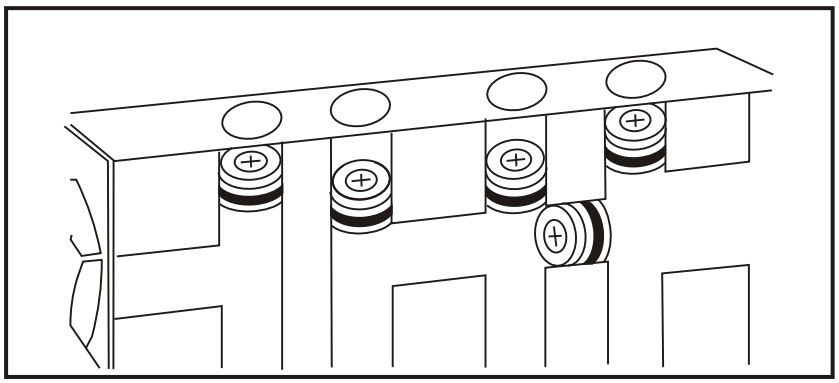
FORMA DE PEDIDO / *ORDER FORM* : R

TAPONES PARA CIRCUITO DE REFRIGERACION
COOLING CIRCUIT PLUGS



VENTAJAS:
* Sellan incluso agujeros corroidos u oxidados.
* No se requiere llave.
* Pueden ser puestos en cualquier posición.
* Trabajan con refrigeración o calefacción con agua y aceite.

FEATURE:
* *Seals even in rough or corroded holes.*
* *No tapping required.*
* *Can be put on any position.*
* *Working either on water or oil cooling and heating.*



COMO UTILIZARLO:
* El alojamiento debe hacerse +0,1 mm mayor que el diámetro del tapón.
* El tapón puede ser sacado por presión de aire del circuito de refrigeración.

HOW TO PROCESS:
* *The drilling hole should be made by +0,1 mm bigger than plug's diameter. For example, to use plug at O8.0 mm (OD), the drilling hole must be made by O8,1 mm.*
* *The plug can be pushed out by air pressing from cooling circuit.*

NOTAS:
* Temperatura normal de trabajo **-5/+135ºC**
* Temperatura máxima de trabajo **-10/+280ºC**
* Materiales: Latón. Acero Inoxidable y Junta Tórica.

NOTE:
* *Normal working temperuture* ***-5/+135ºC***
* *Ultimate working temperature* ***-10/+280ºC***
* *Material: Brass, Stainless Steel & O-ring.*

PRESION / *PRESSURE DATA*:
* ϕ 8mm - 16kg/cm2 up
* ϕ10mm - 17kg/cm2 up
* ϕ12mm - 19kg/cm2 up

ESPECIFICACIONES / *SPECIFICATION*

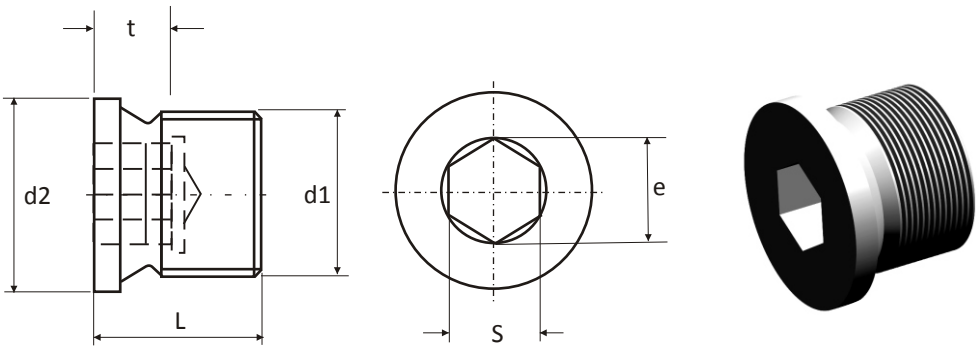
Diametro / *Diameter*	6mm	8mm	10mm	12mm	14mm	16mm	20mm	23mm	25mm	30mm
Longitud / *Length*	10mm	10mm	11mm	12mm	12,9mm	14mm	18mm	18mm	19mm	19mm

FORMA DE PEDIDO / *ORDER FORM* : Diametro / *Diameter*

TAPON ROSCADO CON EXAGONO INTERIOR ROSCA PASO FINO
HEXAGON SOCKET SCREW PLUGS, CYLINDRICAL THREAD

DIN 908

ACERO INOXIDABLE / *STAINLESS STEEL* AISI 304



d1	d2	S	e	L	t min.
M 10x1	14	5	5,7	11	5
M 12x1,5	17	6	6,9	15	7
M 14x1,5	19	6	6,9	15	7
M 16x1,5	21	8	9,2	15	7,5
M 18x1,5	23	8	9,2	16	7,5
M 20x1,5	25	10	11,4	18	7,5
M 22x1,5	27	10	11,4	18	7,5
M 24x1,5	29	12	13,7	18	7,5
M 26x1,5	31	12	13,7	20	9
M 27x2	32	12	13,7	20	9
M 30x1,5	36	17	19,4	20	9
M 30x2	36	17	19,4	20	9

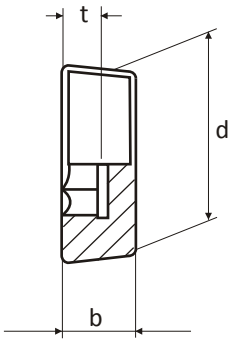
d1	d2	S	e	L	t min.
G 1/8”	14	5	5,7	11	5
G 1/4”	18	6	6,9	15	7
G 3/8”	22	8	9,2	15	7,5
G 1/2”	26	10	11,4	18	7,5
G 3/4”	32	12	13,7	20	9
G 1”	39	17	19,4	21	9
G 1 1/4”	49	22	25,2	21	10,5
G 1 1/2”	55	24	27,4	21	10,5
G 2”	68	32	36,6	25	14

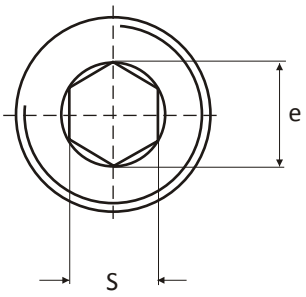
FORMA DE PEDIDO / *ORDER FORM*: d1

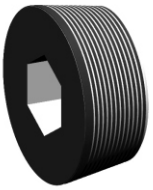
TAPON ROSCADO CON EXAGONO INTERIOR ROSCA CONICA
HEXAGON SOCKET PIPE PLUGS, CONICAL THREAD

DIN 906

ACERO INOXIDABLE / *STAINLESS STEEL* AISI 304







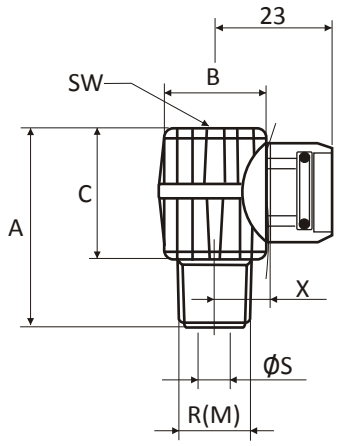
d	b	s	e	t min.
M 8x1	8	4	4,6	4
M 10x1	8	5	5,7	4
M 12x1,5	10	6	6,9	5
M 14x1,5	10	7	8	5
M 16x1,5	10	8	9,2	5
M 18x1,5	10	8	9,2	5
M 20x1,5	10	10	11,4	5
M 22x1,5	10	10	11,4	5
M 24x1,5	12	12	13,7	6
M 26x1,5	12	12	13,7	6
M 27x2	12	12	13,7	6
M 30x1,5	12	17	19,4	6
M 30x2	12	17	19,4	6

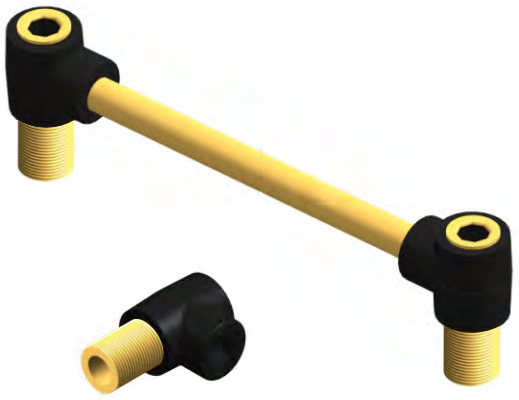
d	b	S	e	t min.
R 1/8”	8	5	5,7	4
R 1/4”	10	7	8	5
R 3/8”	10	8	9,2	5
R 1/2”	10	10	11,4	5
R 3/4”	12	12	13,7	6
R 1”	12	17	19,4	6
R 1 1/4”	18	22	25,2	11,5
R 1 1/2”	20	24	27,4	11,5
R 2”	22	32	35,6	17

FORMA DE PEDIDO / *ORDER FORM*: d

UNIONES REFRIGERACION AGUA
COOLING WATER JUNCTION

CODIGO / *CODE:* 532
Tipo ajuste *Type adjustment*





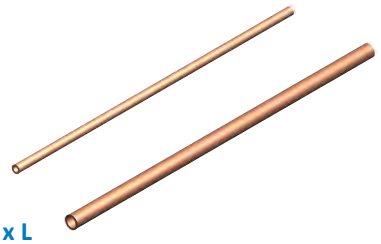
A	B	C	X	R(PT)	M	S	T	SW
35	21	26	8,7	1/8	M10	5	8	6
				1/4		6		
39	25	30	11	1/4	M12	9	12	8
				3/8				

FORMA DE PEDIDO / *ORDER FORM*: R x M

La longitud del tubo de cobre puede ajustarse en el montaje.
The length of copper pipe can be adjusted when it is installed.

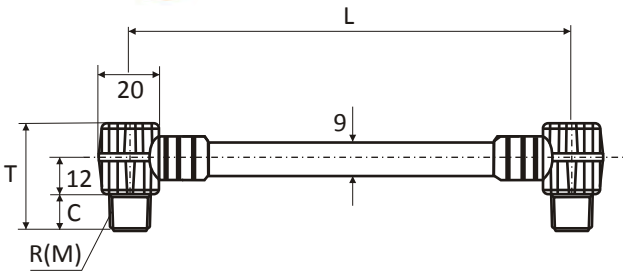
Medidas tubo cobre.
Copper tube size.

D	d	L
8	6	300
12	10	300



Forma de pedido: d x D x L
Order form: d x D x L

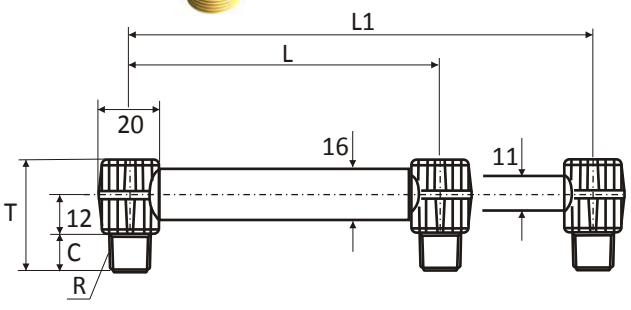
CODIGO / *CODE:* 533
Tipo tubo *Type tube*



T	C	R(PT)	M	L
31	9	1/8	M10	140
35	12,7	1/4	M12	

FORMA DE PEDIDO CODIGO x R / *ORDER FORM CODE x R*

CODIGO / *CODE:* 534
Tipo flexible *Type flexible*



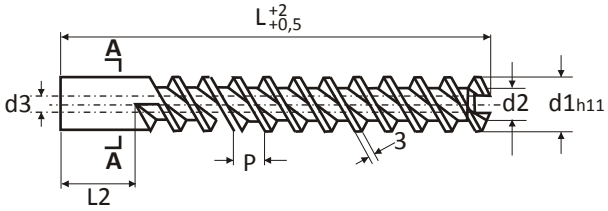
T	C	R(PT)	M	L
31	9	1/8	M10	65 100 160
35	13	1/4	M12	

FORMA DE PEDIDO / *ORDER FORM:* R x L

NUCLEOS ESPIRALES
SPIRAL CORE

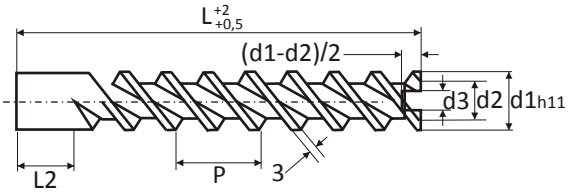
NUCLEOS ESPIRALES *SPIRAL CORE*
Rosca única *Single threaded*
MATERIAL: Aluminio (6061) Aluminium (6061)
CODIGO *CODE:* 530A

530 A

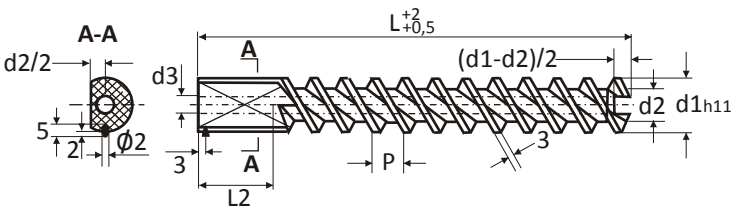


NUCLEOS ESPIRALES *SPIRAL CORE*
Doble rosca *Double threaded*
MATERIAL: Aluminio (6061) Aluminium (6061)
CODIGO *CODE:* 531A

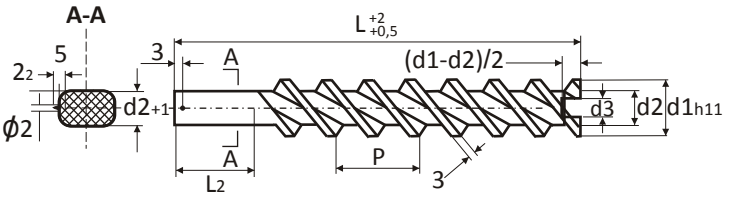
531 A



530 B



531 B

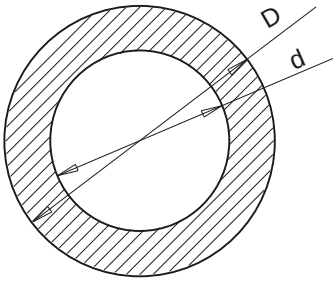


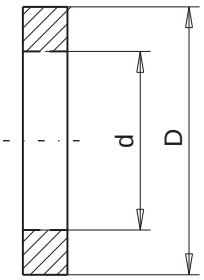
Codigo Code	d1	d2	d3	L	P	L2
530A 530B	12	8	5	125	14	35
	16	11	6	150		
	20	13	8	175		
	25	15	10	200		
	32	22	12	250	18	35
	40	26	14	300		
	50	32	16	350		
				400		

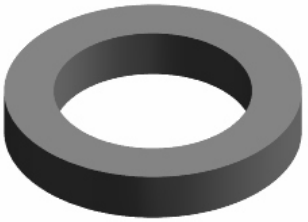
Codigo Code	d1	d2	d3	L	K	P	L2
531A 531B	12	8	5	125	10	28	35
	16	11	6	150			
	20	13	8	175			
	25	15	10	200			
	32	22	12	250		36	35
	40	26	14	300			
	50	32	16	350			
				400			

FORMA DE PEDIDO / *ORDER FORM* : CODIGO / *CODE*

JUNTA PARA ENCHUFE RAPIDO
SEAL FOR QUICK RELEASE COUPLER





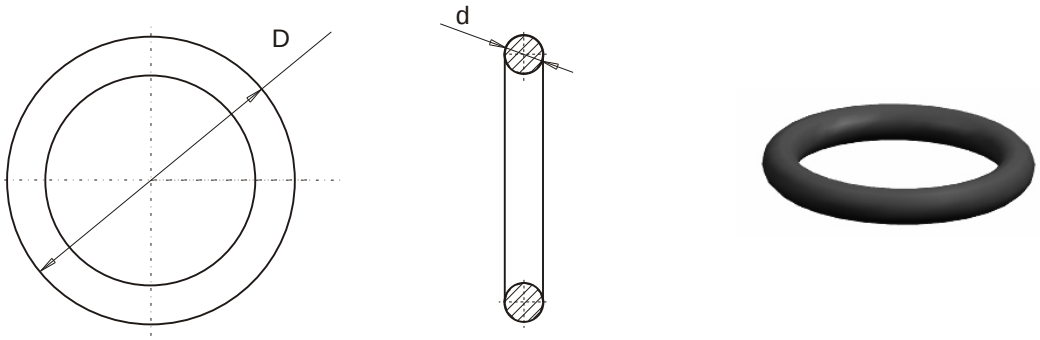


MATERIAL : Silicona / Silicone

d	D
7	10
11	15

FORMA DE PEDIDO / *ORDER FORM* : d.

JUNTA TORICA
O - RING

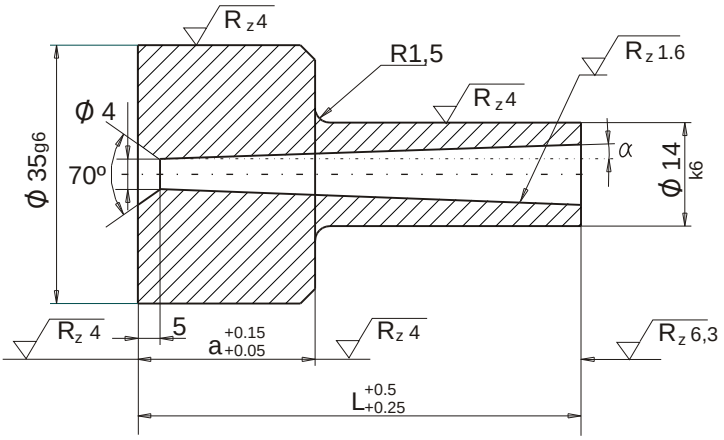


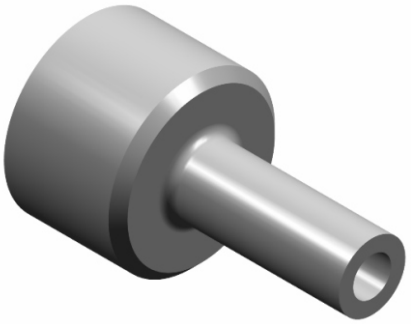
MATERIAL : Caucho sintético o vitón. / *Nitrile rubber or Viton.*

D	d	D	d	D	d	D	d	D	d
6	2	16	1.5	30	3.5	50	5	100	2.5
6	2.5	16	2	30	4	52	2.5	100	6
8	2	17	3	32	3.5	59	3	105	4
10	2.5	18	2	35	3	60	3	120	2.5
10	3	20	2.5	38	3.5	60	4	130	6
12	1.8	20	3	40	3.6	70	3.5	140	6
12	2	20	4	40	4	70	5	150	3
12	3	22	3	43	3.5	80	3	150	4
13	3.5	26	3	45	5	80	4	184	6
14	2	27	3	48	6	85	6	185	3
14	3	30	3	50	3	90	4	210	5

OTRAS MEDIDAS DISPONIBLES. *OTHER SIZES AVAILABLE.*
FORMA DE PEDIDO / *ORDER FORM* : Material, D x d.

BEBEDERO TALADRADO “B1/B1T”
SPRUE BUSH “B1/B1T”





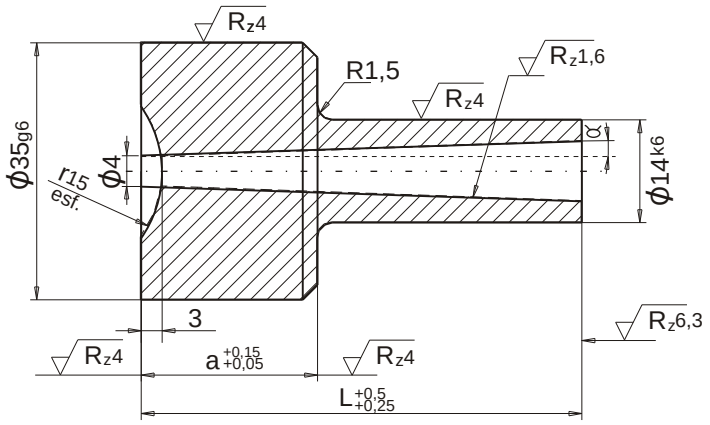
MATERIAL : Acero de cementación / *Case hardening steel.*

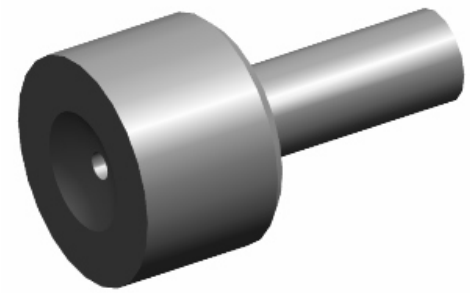
DUREZA / *HARDNESS*: **B1 =** Sin templar 21-23 HRc. / *Not hardened 21-23 HRc.*
B1T = Templado 60-62 HRc. / *Hardened 60-62 HRc.*

a	L									D1
	α= 2º						α= 1º			
	27	36	46	51	60	70	70	100	128	
12	*	*	*				*	*	*	**4**
24				*	*	*		*	*	

FORMA DE PEDIDO / *ORDER FORM* : B1 o / or B1T / a x L

BEBEDERO TALADRADO “B3/B3T”
SPRUE BUSH “B3/B3T”





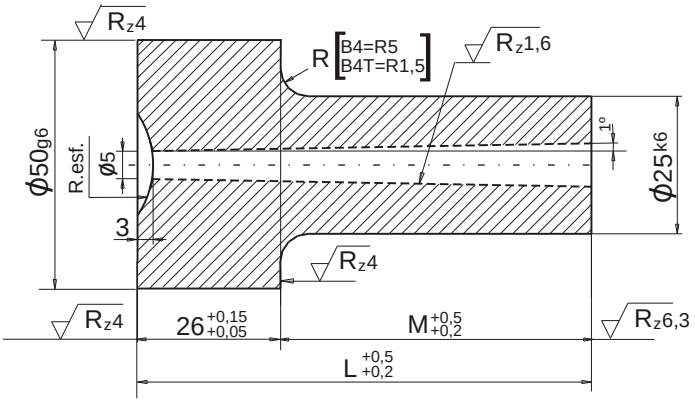
MATERIAL : Acero de cementación / *Case hardening steel.*

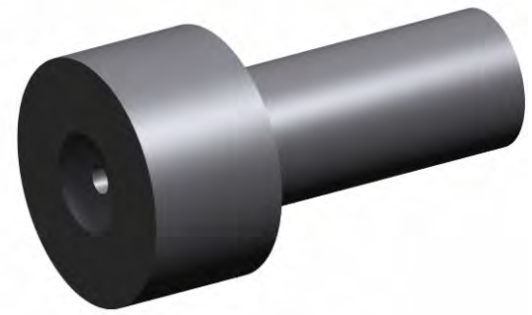
DUREZA / *HARDNESS*: **B3 =** Sin templar 21-23 HRc. / *Not hardened 21-23 HRc.*
B3T = Templado 60-62 HRc. / *Hardened 60-62 HRc.*

a	L							
	α= 2º						α= 1º	
	27	36	46	51	60	70	70	100
12	*	*	*				*	*
24				*	*	*		*

FORMA DE PEDIDO / *ORDER FORM* : B3 o / or B3T / a x L

BEBEDERO TALADRADO “B4/B4T”
SPRUE BUSH “B4/B4T”





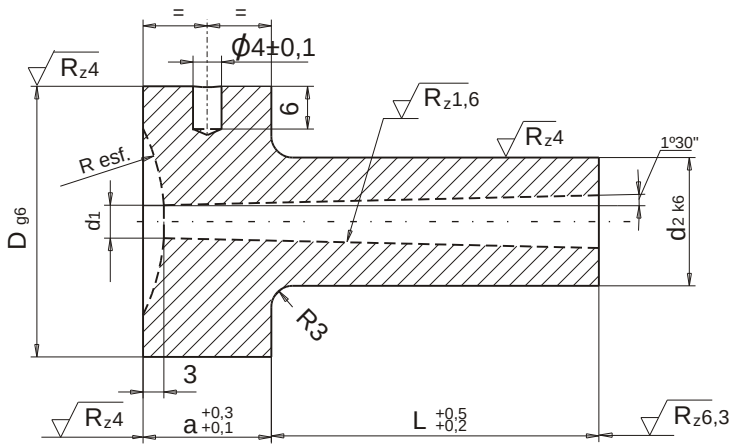
MATERIAL : Acero de cementación / *Case hardening steel.*

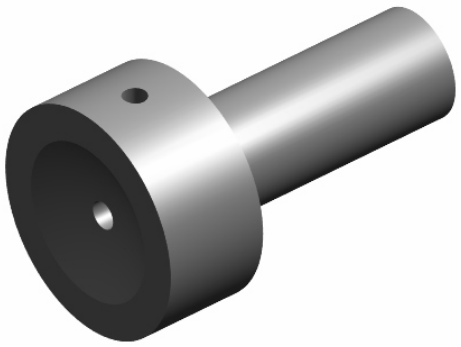
DUREZA / *HARDNESS*: **B4 =** Sin templar 21-23 HRc. / *Not hardened 21-23 HRc.*
B4T = Templado 60-62 HRc. / *Hardened 60-62 HRc.*

M	26.5	36.5	46.5	56.5	66.5	76.5	86.5	96.5	106.5	116.5	126.5	136.5	156.5
L	52.5	62.5	72.5	82.5	92.5	102.5	112.5	122.5	132.5	142.5	152.5	162.5	182.5
R esf.	15, 19 ó 40.												

FORMA DE PEDIDO / *ORDER FORM* : B4 o / or B4T / L x R

BEBEDERO TALADRADO “B5”
SPRUE BUSH “ B5 ”



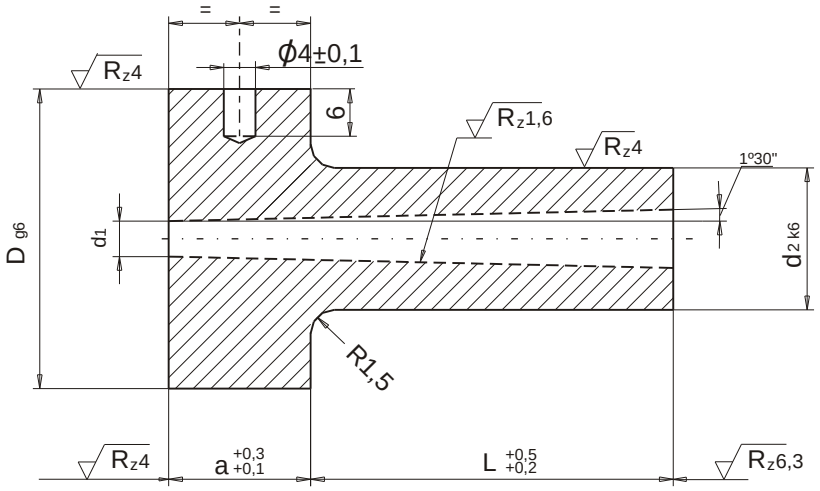


MATERIAL : Acero de cementación / *Case hardening steel.*
DUREZA / *HARDNESS*: 58-60 Hrc.

D	a	d2	R esf.	d1	L				
					27	36	46	56	76
38	18	18	15,5-40	3,5	*	*	*	*	
38	18	18	15,5-40	4,5	*	*	*	*	*
48	23	24	15,5-40	4,5			*	*	*
48	23	24	15,5-40	6,5				*	*

FORMA DE PEDIDO / *ORDER FORM* : D x d1 x L x R

BEBEDERO TALADRADO “B6”
SPRUE BUSH “ B6 ”

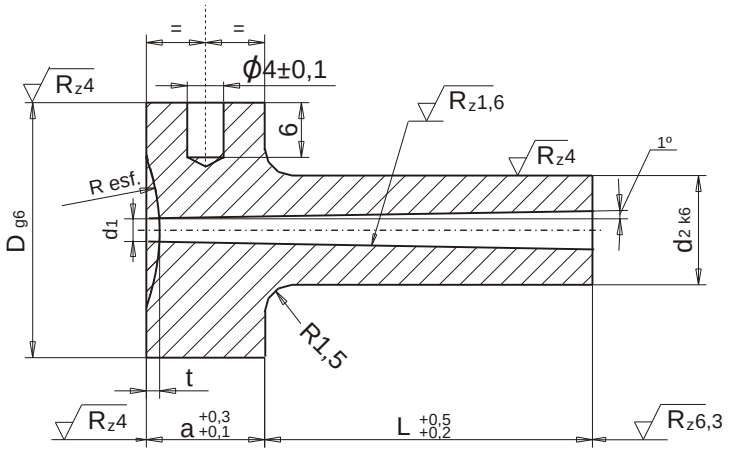


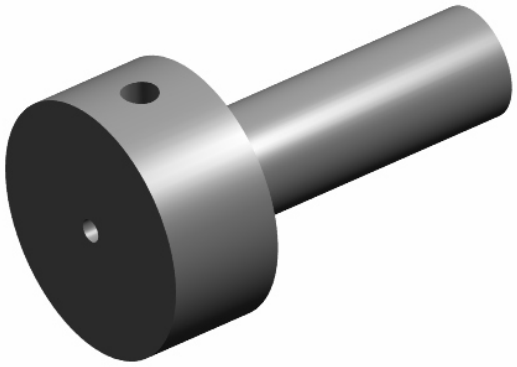
MATERIAL : Acero de cementación / *Case hardening steel.*
DUREZA / *HARDNESS*: 58-60 Hrc.

D	a	d2	d1	L				
				27	36	46	56	76
38	18	18	3,5	*	*	*	*	
38	18	18	4,5	*	*	*	*	*
48	23	24	4,5			*	*	*
48	23	24	6,5				*	*

FORMA DE PEDIDO / *ORDER FORM* : D x d1 x L

BEBEDERO TALADRADO “B7”
SPRUE BUSH “ B7 ”



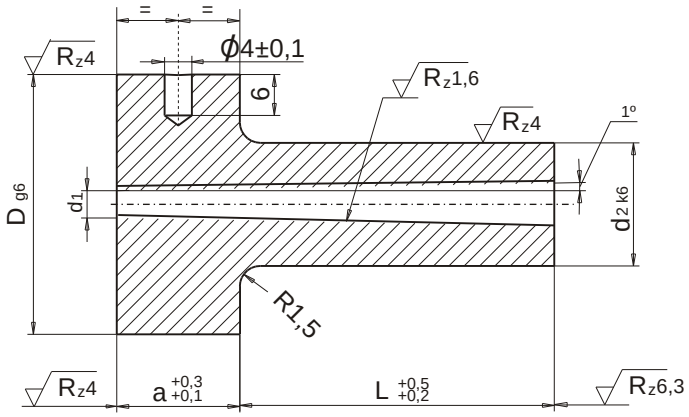


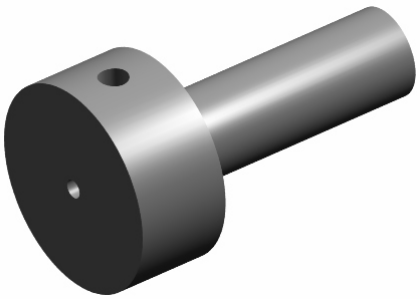
MATERIAL : Acero de cementación / *Case hardening steel.*
DUREZA / *HARDNESS*: 58-60 Hrc.

D	a	d2	R esf.	t	d1	L							
						22	27	36	46	56	76	96	116
28	13	12	15.5 - 40	1.5	2.5	*	*	*	*				
28	13	12	15.5 - 40	1.5	3.5	*	*	*	*	*			
38	18	18	15.5 - 40	3	3		*	*	*	*	*	*	*
38	18	18	15.5 - 40	3	4		*	*	*	*	*	*	*

FORMA DE PEDIDO / *ORDER FORM* : D x d1 x L x R

BEBEDERO TALADRADO “B8”
SPRUE BUSH “ B8 ”



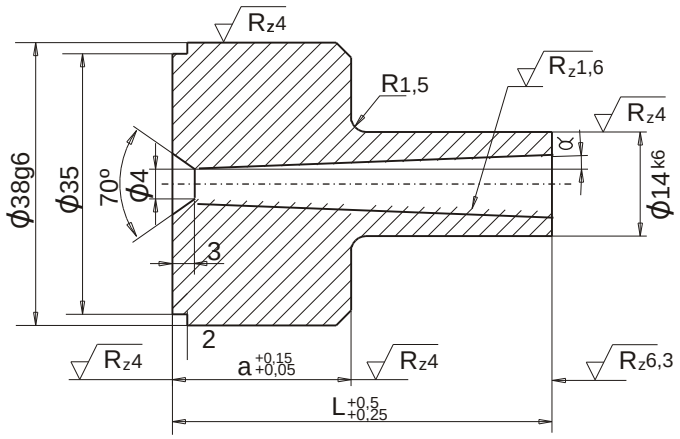


MATERIAL : Acero de cementación / *Case hardening steel.*
DUREZA / *HARDNESS*: 58-60 Hrc.

D	a	d2	d1	L							
				22	27	36	46	56	76	96	116
28	13	12	2.5	*	*	*	*				
28	13	12	3.5	*	*	*	*	*			
38	18	18	3		*	*	*	*	*	*	*
38	18	18	4		*	*	*	*	*	*	*

FORMA DE PEDIDO / *ORDER FORM* : D x d1 x L.

BEBEDERO TALADRADO “B11 / B11T ”
SPRUE BUSH “ B11 / B11T ”



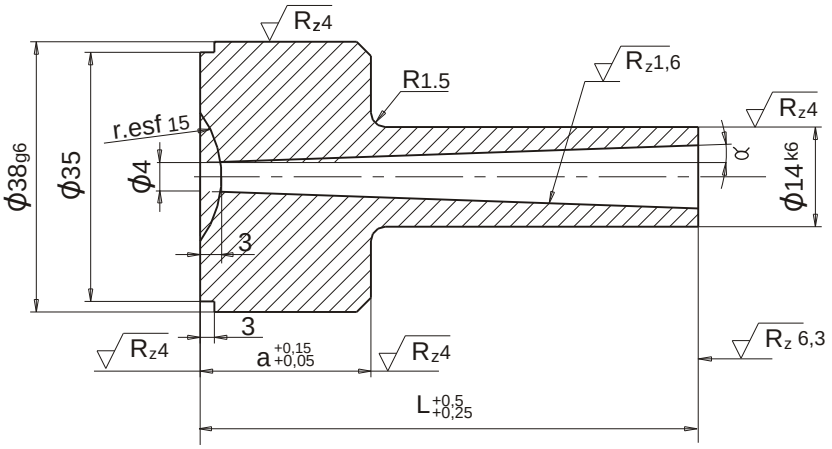
MATERIAL : Acero de cementación / *Case hardening steel.*

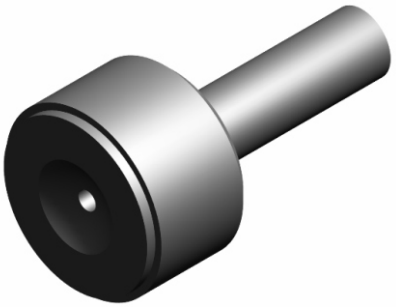
DUREZA / *HARDNESS*: **B11** = Sin templar. 21-23 HRc. / *Not hardened 21-23 HRc.*
B11T = Templado. 60-62 HRc. / *Hardened 60-62 HRc.*

a	L							
	α= 2º						α= 1º	
	29	38	48	51	60	70	70	100
12	*	*	*				*	*
24				*	*	*		*

FORMA DE PEDIDO / *ORDER FORM* : B11 - B11T/ a x L.

BEBEDERO TALADRADO “B31 / B31T ”
SPRUE BUSH “ B31 / B31T ”





MATERIAL : Acero de cementación / *Case hardening steel.*

DUREZA / *HARDNESS*: **B31** = Sin templar. 21-23 HRc. / *Not hardened 21-23 HRc.*
B31T = Templado. 60-62 HRc. / *Hardened 60-62 HRc.*

a	L							
	α= 2º						α= 1º	
	29	38	48	51	60	70	70	100
12	*	*	*				*	*
24				*	*	*		*

FORMA DE PEDIDO / *ORDER FORM* : B31 - B31T/ a x L.

ACCESORIOS REFRIGERACION SISTEMA “S”
“S” COOLING SYSTEM ELEMENTS

Enchufe rápido / Quick release coupling

ES 08 1 10

- 10 — ϕ conexión manguera / *ϕ water hose conection*
- 1 — Tipo de acodado 1(recto), 2(90º), 3(45º) / *L-shape type 1(straight), 2(90º), 3(45º)*
- 08 — Serie 08/12 / *Serie 08/12*
- ES — Sistema “S” / *“S” System*

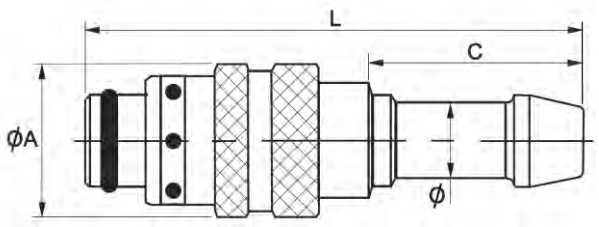
Adaptador / Joint plug

AS 08 1 14 M

- M — Tipo de rosca H (hembra) M (macho) / *Thread type F (female) M (male)*
- 14 — Paso de rosca (ver tablas de referencias) / *Thread size (look at reference table)*
- 1 — Tipo de acodado 1(recto), 2(90º), 3(45º) / *L-shape type 1(straight), 2(90º), 3(45º)*
- 08 — Serie 08/12 / *Serie 08/12*
- AS — Sistema “S” / *“S” System*

SISTEMA REFRIGERACION "S"
"S" COOLING SYSTEM ELEMENTS

ES Recto / *ES Straight*

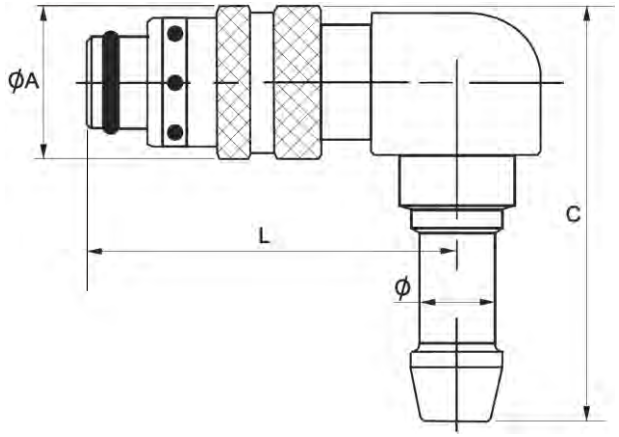


Ref.	ϕ	A	C	L
ES08108	8	20	65	37
ES08110	10	20	65	37
ES08112	12	20	65	37

Ref.	ϕ	A	C	L
ES12113	13	27,5	77	44
ES12116	16	27,5	77	44

FORMA DE PEDIDO / *ORDER FORM:* Ref.

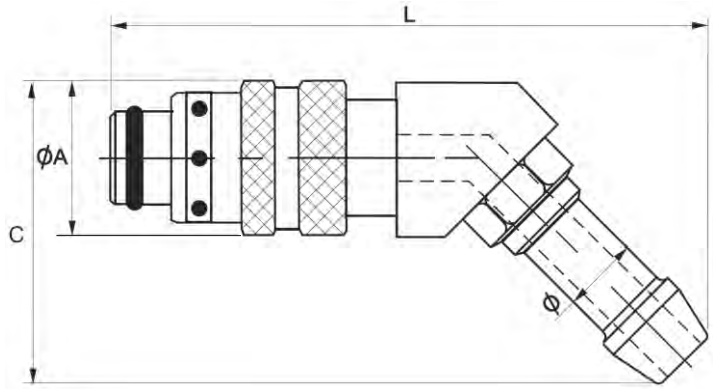
ES 90º / *ES 90º*



Ref.	ϕ	A	L	C
ES08210	10	20	48,5	52,5
ES08212	12	20	48,5	52,5

FORMA DE PEDIDO / *ORDER FORM:* Ref.

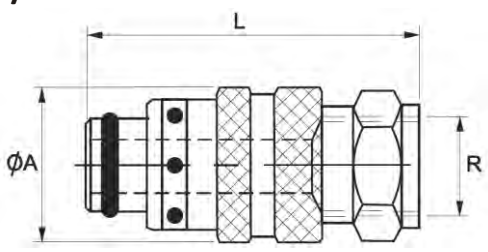
ES 45º / *ES 45º*



Ref.	ϕ	A	L	C
ES08310	10	20	39	77
ES08312	12	20	39	77

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ES Hembra / *ES Female*



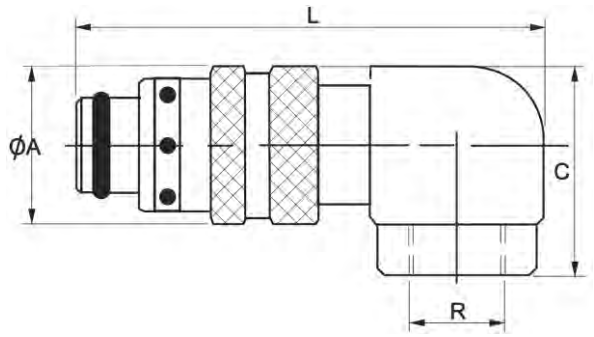
Ref.	ϕ	A	L
ES08114	G1/4A	20	43
ES12112	G1/2A	27,5	60

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

SISTEMA REFRIGERACION "S"
"S" COOLING SYSTEM ELEMENTS

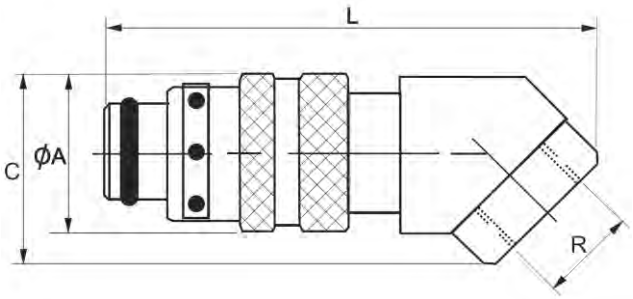
ES Hembra 90º / *ES Female 90º*



Ref.	R	A	L	C
ES08214	G1/4A	20	59	26
ES12238	G3/8A	27,5	85,5	31

FORMA DE PEDIDO / *ORDER FORM:* Ref.

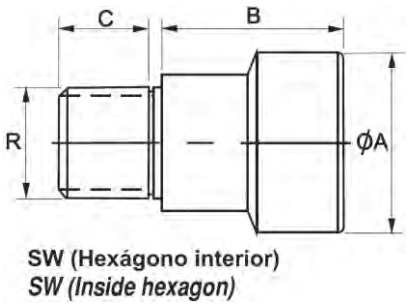
ES Hembra 45º / *ES Female 45º*



Ref.	R	A	L	C
ES08314	G1/4A	20	61	23
ES12338	G3/8A	27,5	90	20

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AS Recto macho / AS Straight male



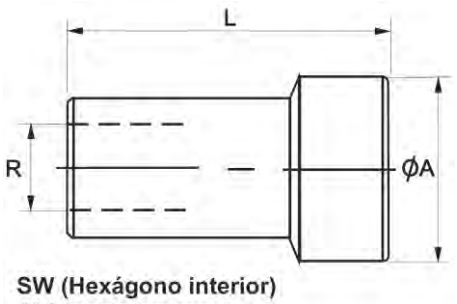
SW (Hexágono interior)
SW (Inside hexagon)

Ref.	A	B	C	R	Sw
AS08118M	21	22	10	G1/8A	6
AS08114M	21	21	12	G1/4A	8
AS08138M	21	11	13	G3/8A	8

Ref.	A	B	C	R	Sw
AS12138M	32	28	13	G3/8A	10
AS12112M	32	28	16	G1/2A	14
AS12134M	32	13	19	G3/4A	14

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AS Recto hembra / AS Straight female



SW (Hexágono interior)
SW (Inside hexagon)

Ref.	A	B	C	R	Sw
AS08118H	21	35		G1/8A	6
AS08114H	21	39		G1/4A	8

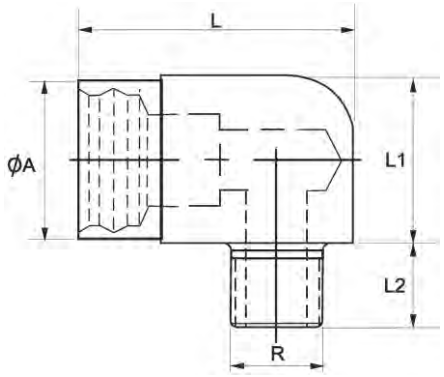
Ref.	A	B	C	R	Sw
AS12138H	32	49		G3/8A	12
AS12112H	32	50		G1/2A	12

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

SISTEMA REFRIGERACION “S”
“S” COOLING SYSTEM ELEMENTS

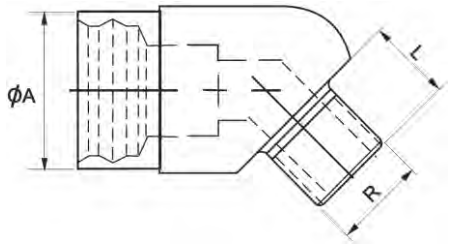
AS 90º / AS 90º



Ref.	A	L	L1	R	L2
AS08218M	22	33	24	G1/8A	10
AS08214M	22	33	24	G1/4A	12
AS08238M	22	33	24	G3/8A	13

FORMA DE PEDIDO / *ORDER FORM:* Ref.

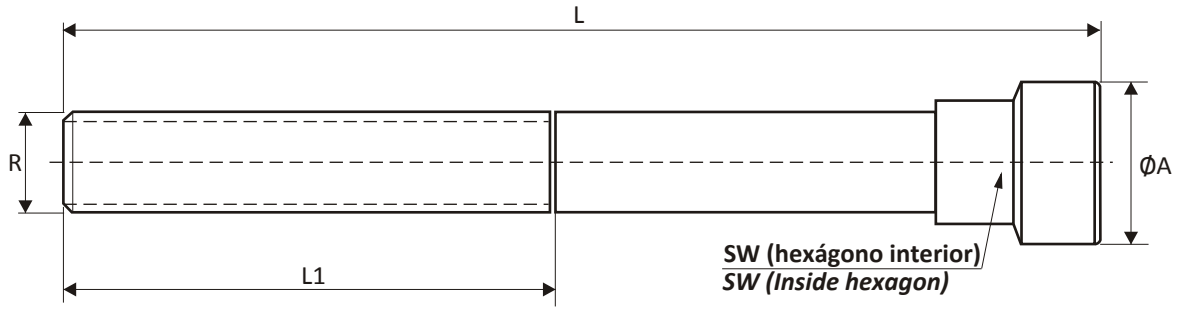
ES Hembra 45º / *ES Female 45º*



Ref.	A	L	L1	R	L2
AS08318M	22	10		G1/8A	
AS08314M	22	12		G1/4A	
AS08338M	22	13		G3/8A	

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AS Recto macho / AS Straight male



Ref.	A	L	L1	R	L2
AS0811850	21	50	26	G1/8A	6
AS08118100	21	100	60	G1/8A	6
AS08118150	21	150	60	G1/8A	6
AS0811450	21	50	26	G1/4A	8
AS08114100	21	100	60	G1/4A	8
AS08114150	21	150	60	G1/4A	8
AS08114200	21	200	60	G1/4A	8

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

ACCESORIOS REFRIGERACION SISTEMA “D”
“D” COOLING SYSTEM ELEMENTS

Enchufe rápido / Quick release coupling

ED 1 13 V 14 M

- Tipo de rosca M (macho) H (hembra)
  Thread M (male) F (female)
- Paso de rosca (ver tablas de referencias)
  Thread type (look at reference table)
- Paso obturado
  With valve
- Serie 09/11/13
  Serie 09/11/13
- Tipo de acodado 1 (recto), 2(90º), 3(45º)
  L-shape type 1(straight), 2(90º), 3(45º)
- Sistema “D”
  “D” System

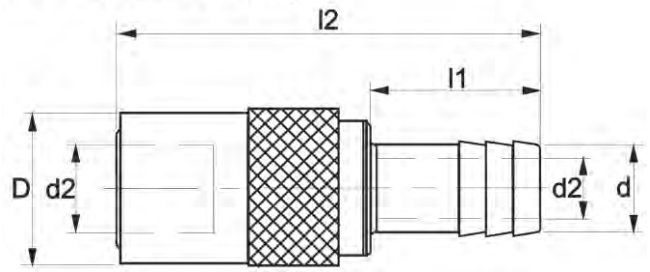
Adaptador / Joint plug

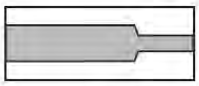
AD 1 06 14 M V

- Paso obturado
  With valve
- Tipo de rosca M (macho) H (hembra)
  Thread type M (male) F (female)
- Paso de rosca (ver tablas de referencias)
  Thread size (look at reference table)
- Serie 06/09
  Serie 06/09
- Tipo de acodado 1 (recto), 2(90º), 3(45º)
  L-shape type 1(straight), 2(90º), 3(45º)
- Sistema “D”
  “D” System

SISTEMA REFRIGERACION "D"
"D" COOLING SYSTEM ELEMENTS

ED recto / *ED Straight*



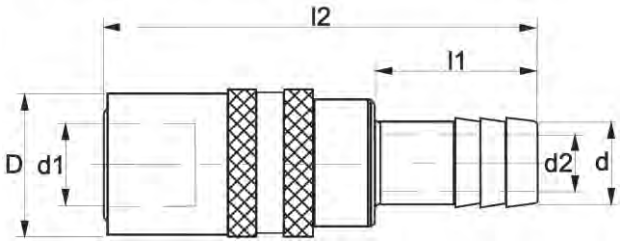


PASO LIBRE / *OPEN FLOW*

Ref.	D.	d	d1	d2	l1	l2
ED109	17	9	9	6	25	52
ED111	22	11	13	9	25	62
ED113	22	13	13	9	25	62

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ED recto / *ED Straight*

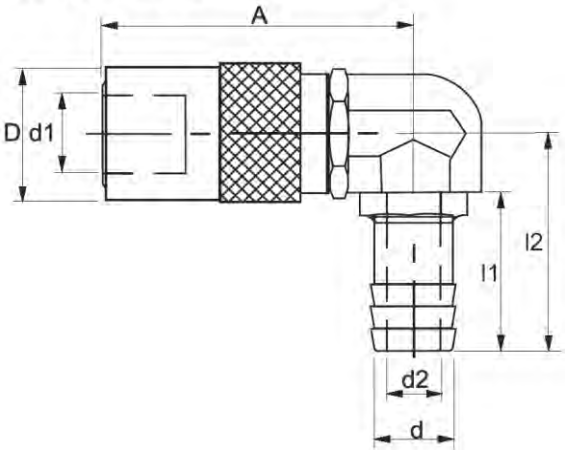


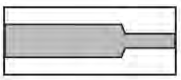
PASO OBTURADO / *WITH VALVE*

Ref.	D.	d	d1	d2	l1	l2
ED109V	17	9	9	6	27	57
ED111V	22	11	13	9	27	68
ED113V	22	13	13	9	27	68

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ED 90º / *ED 90º*



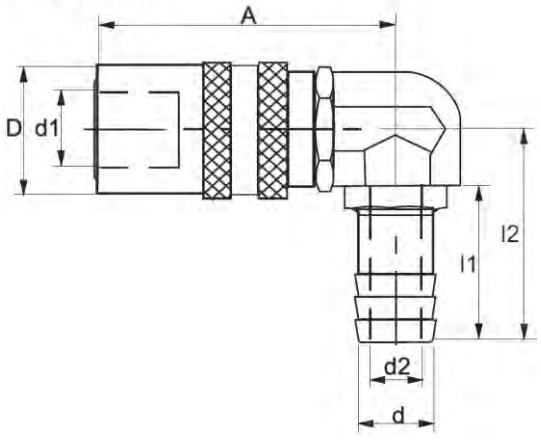


PASO LIBRE / *OPEN FLOW*

Ref.	D.	d	d1	d2	l1	l2	A
ED209	17	9	9	6	27	34	38
ED211	22	11	13	9	27	37	52
ED213	22	13	13	9	27	37	52

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ED 90º / *ED 90º*



PASO OBTURADO / *WITH VALVE*

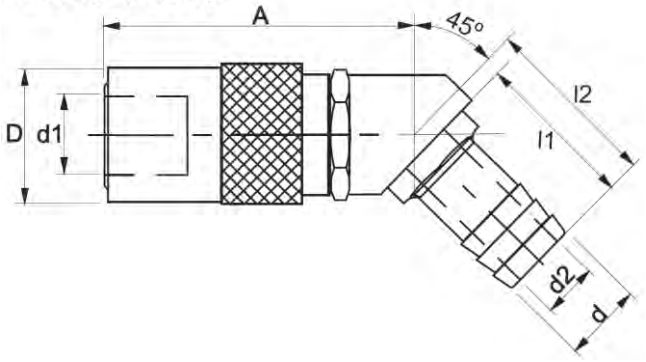
Ref.	D.	d	d1	d2	l1	l2	A
ED209V	17	9	9	6	27	34	38
ED211V	22	11	13	9	27	37	52
ED213V	22	13	13	9	27	37	52

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

SISTEMAS REFRIGERACION "D"
"D" COOLING SYSTEM ELEMENTS

ED 45º / *ED 45º*

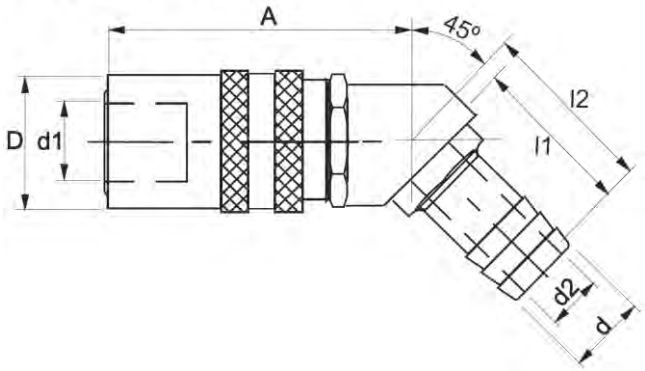


PASO LIBRE / *OPEN FLOW*

Ref.	D.	d	d1	d2	l1	l2	A
ED309	17	9	9	6	27	30	38
ED311	22	11	13	9	27	31	38
ED313	22	13	13	9	27	31	52

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ED 45º / *ED 45º*

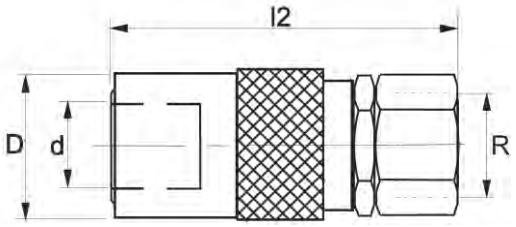


PASO OBTURADO / *WITH VALVE*

Ref.	D.	d	d1	d2	l1	l2	A
ED309	17	9	9	6	27	30	38
ED311	22	11	13	9	27	31	38
ED313	22	13	13	9	27	31	52

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ED Hembra / *ED Female*

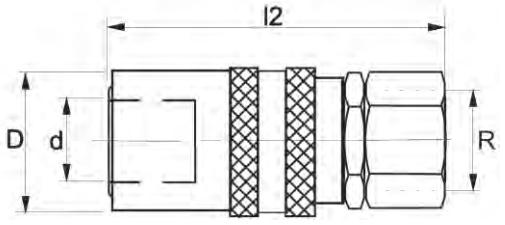


PASO LIBRE / *OPEN FLOW*

Ref.	R	d	D	l2
ED10918H	G 1/8A	9	17	39
ED11314H	G 1/4A	13	22	53

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ED Hembra / *ED Female*



PASO OBTURADO / *WITH VALVE*

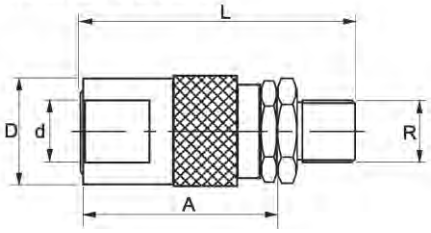
Ref.	R	d	D	l2
ED109V18H	G 1/8A	9	17	39
ED113V14H	G 1/4A	13	22	53

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

SISTEMAS REFRIGERACION "D"
"D" COOLING SYSTEM ELEMENTS

ED Macho / *ED Male*

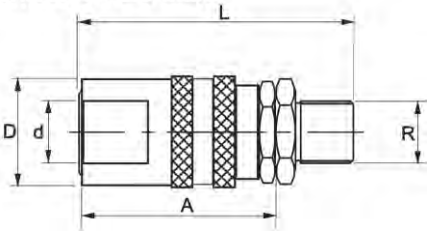


PASO LIBRE / *OPEN FLOW*

Ref.	D	d	D	L	A
ED10918M	G 1/8A	9	17	43	30,5
ED11314M	G 1/4A	13	22	57	41

FORMA DE PEDIDO / *ORDER FORM:* Ref.

ED macho / *ED male*

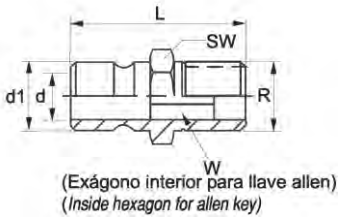


PASO OBTURADO / *WITH VALVE*

Ref.	D	d	D	L	A
ED109V18M	G 1/8A	9	17	43	30,5
ED113V14M	G 1/4A	13	22	57	41

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AD macho / *AD male*



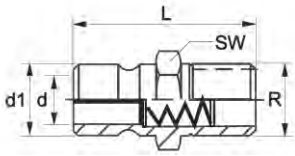
PASO LIBRE / *OPEN FLOW*

Ref.	R	d	d1	L	Sw	W
AD10618M	G1/8A	6	9	24	13	5
AD10614M	G1/4A	6	9	29	16	5
AD10638M	G3/8A	6	9	30	19	5

Ref.	R	d	d1	L	Sw	W
AD10914M	G1/4A	9	13	34	16	8
AD10938M	G3/8A	9	13	34	19	8
AD10912M	G1/2A	9	13	34	24	8

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AD macho / *AD male*



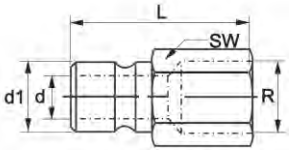
PASO OBTURADO / *WITH VALVE*

Ref.	R	d	d1	L	Sw
AD10614MV	G1/4A	6	9	29	16
AD10638MV	G3/8A	6	9	30	19

Ref.	R	d	d1	L	Sw
AD10914MV	G1/4A	9	13	34	16
AD10938MV	G3/8A	9	13	34	19
AD10912MV	G1/2A	9	13	34	24

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AD hembra / *AD female*



PASO LIBRE / *OPEN FLOW*

Ref.	R	d	d1	L	Sw
AD10618H	G1/8A	6	9	28	13
AD10614H	G1/4A	6	9	32	16

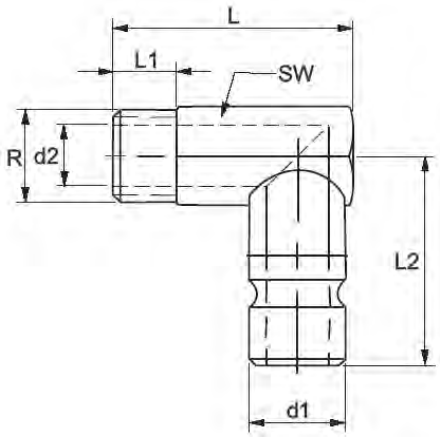
Ref.	R	d	d1	L	Sw
AD10914H	G1/4A	9	13	37	16
AD10938H	G3/8A	9	13	39	19
AD10912H	G1/2A	9	13	46	24

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

SISTEMAS REFRIGERACION “D”
“D” COOLING SYSTEM ELEMENTS

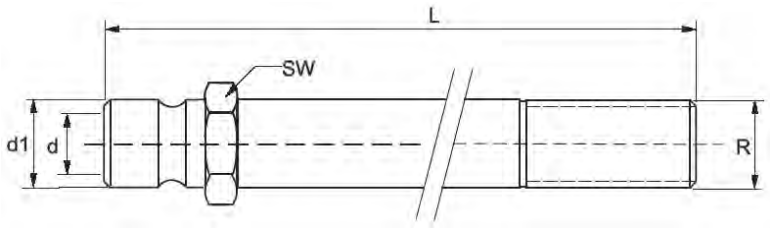
AD 90º / *AD / 90º*



Ref.	R	d1	d2	L	L1	L2	Sw
ED20618M	G1/8A	9	6	27	9	23	11
ED20914M	G1/4A	13	9	34	9	25	15

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AD Alargo */AD Long joint plug*



Ref.	R	D	d1	L	Sw
ADL10618100	G1/8A	6	10	100	11
ADL10618150	G1/8A	6	10	150	11
ADL10618250	G1/8A	6	10	250	11
ADL10614150	G1/4A	9	14	150	15
ADL10614250	G1/4A	9	14	150	15

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

ACCESORIOS REFRIGERACION SISTEMA “H”
“H” COOLING SYSTEM ELEMENTS

Enchufe rápido / Quick release coupling

EH 1 13 V

- Paso obturado
  With valve
- Serie 09/13/19
  Serie 09/13/19
- Tipo de acodado 1(recto), 2(90º), 3(45º)
  L-shape type 1(straight), 2(90º), 3(45º)
- Sistema “H”
  “H” System

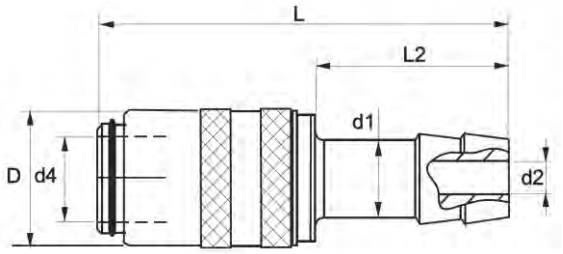
Adaptador / Joint plug

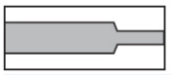
AS 1 09 14 G V

- Paso obturado
  With valve
- Tipo de rosca G (gas) M (métrico)
  Thread G (gas) M (metric)
- Paso de rosca (ver tablas de referencias)
  Thread size (look at reference table)
- Serie
  Serie
- Tipo de acodado 1(recto), 2(90º), 3(45º)
  L-shape type 1(straight), 2(90º), 3(45º)
- Sistema “H”
  “H” System

SISTEMA REFRIGERACION "H"
"H" COOLING SYSTEM ELEMENTS

EH Recto / *EH Straight*





PASO LIBRE / *OPEN FLOW*

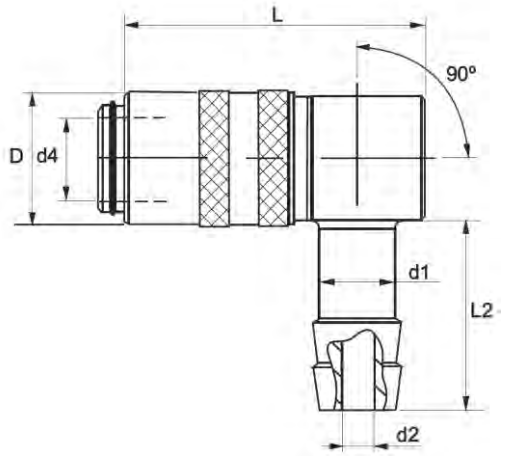
Ref.	L	L2	D	d1	d2	d4
EH109	47	17	17	9	6	9
EH113	61	25	22	13	9	13
EH119	90	32	31	19	13	19

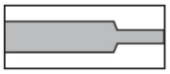
PASO OBTURADO / *WITH VALVE*

Ref.	L	L2	D	d1	d2	d4
EH109V	47	17	17	9	6	9
EH113V	61	25	22	13	9	13
EH119V	90	32	31	19	13	19

FORMA DE PEDIDO / *ORDER FORM:* Ref.

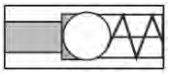
EH 90º / *EH 90º*





PASO LIBRE / *OPEN FLOW*

Ref.	L	L2	D	d1	d2	d4
EH209	41	19	17	9	6	9
EH213	51	28	22	13	9	13
EH219	78	32	31	19	13	19

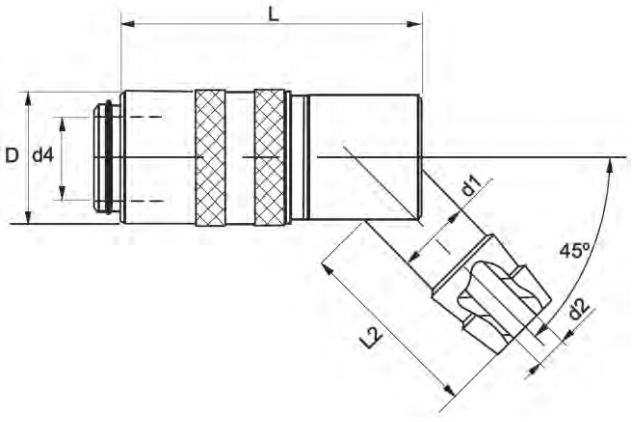


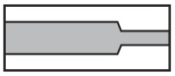
PASO OBTURADO / *WITH VALVE*

Ref.	L	L2	D	d1	d2	d4
EH209V	41	19	17	9	6	9
EH213V	51	28	22	13	9	13
EH219V	78	32	31	19	13	19

FORMA DE PEDIDO / *ORDER FORM:* Ref.

EH 45º / *EH 45º*





PASO LIBRE / *OPEN FLOW*

Ref.	L	L2	D	d1	d2	d4
EH309	41	17	17	9	6	9
EH313	51	25	22	13	9	13
EH319	78	32	31	19	13	19

PASO OBTURADO / *WITH VALVE*

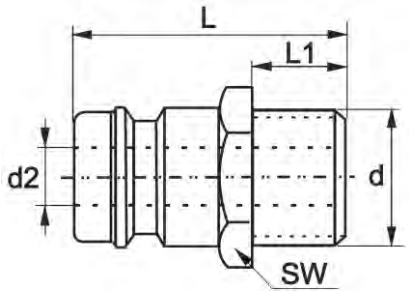
Ref.	L	L2	D	d1	d2	d4
EH309V	41	17	17	9	6	9
EH313V	51	25	22	13	9	13
EH319V	78	32	31	19	13	19

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

SISTEMA REFRIGERACION "H"
"H" COOLING SYSTEM ELEMENTS

AH Recto / *AH Straight*



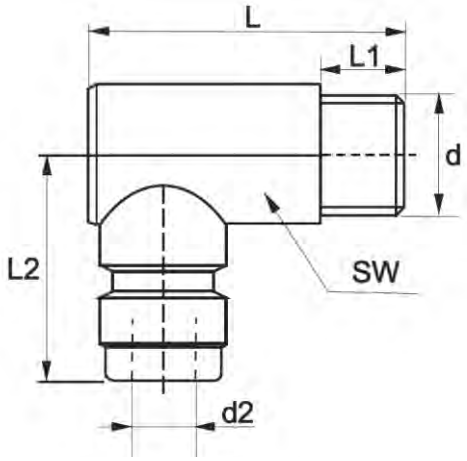
Ref.	L	L1	d	d2	Sw
AH10908M	24	7	M10 x 0,75	4,5	11
AH10910M	24	7	M10 x 1,0	6	11
AH10918G	24	7	G 1/8 A	6	11
AH10914M	26	9	M14 x 1,5	6	15
AH10918G	26	9	G 1/4 A	6	15

Ref.	L	L1	d	d2	Sw
AH11314M	26	9	M14 x 1,5	9	15
AH11314G	26	9	G 1/4 A	9	15
AH11316M	26	9	M16 x 1,5	9	17
AH11338G	26	9	G 3/8 A	9	17

Ref.	L	L1	d	d2	Sw
AH11924M	51	16	M24 x 1,5	13	19
AH11912G	47	12	G 1/2 A	13	19
AH11934M	51	16	G 3/4 A	13	19

FORMA DE PEDIDO / *ORDER FORM:* Ref.

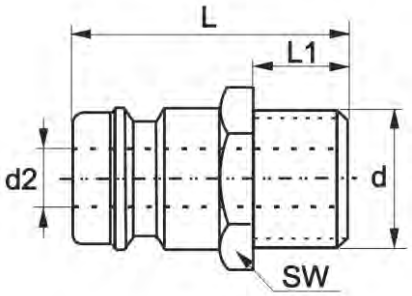
AH 90º / *AH 90º*

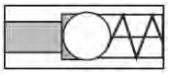


Ref.	L	L1	d	d2	Sw
AH20908M	27	9	M8 x 0,75	4,5	11
AH20910M	27	9	M10 x 1,0	6	11
AH20918G	27	9	G 1/8 A	6	11
AH21314M	34	9	M14 x 1,5	9	13
AH2131AG	34	9	G 1/4 A	9	13
AH21924M	47	16	M24 x 1,5	13	19
AH21912G	47	16	G 1/2 A	13	19

FORMA DE PEDIDO / *ORDER FORM:* Ref.

AH Recto con válvula / *AH Straight with valve*





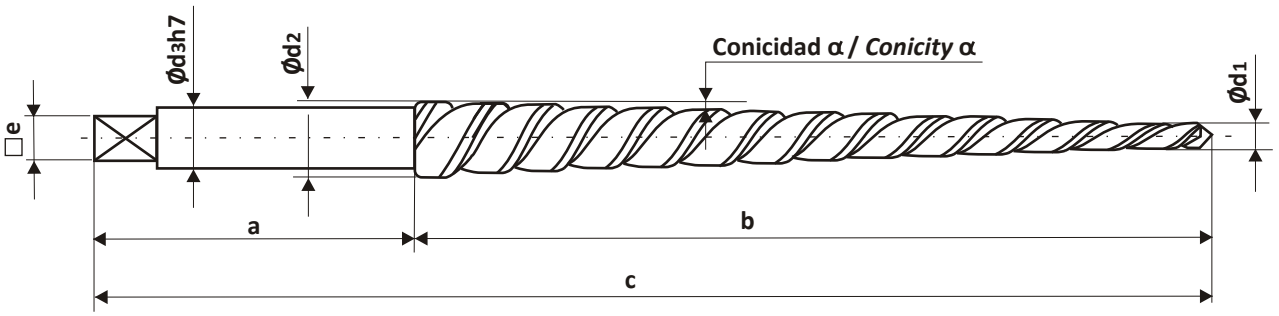
PASO OBTURADO / *WITH VALVE*

Ref.	L	L1	d	d2	Sw
AH10914MV	29	12	M14 x 1,5	6	15
AH10914GV	29	12	G 1/4 A	6	15
AH11316MV	30	12	M16 x 1,5	9	17
AH11338GV	30	12	G 3/8 A	9	17
AH11924MV	51	16	M24 x 1,5	12	27
AH11934GV	51	16	G 3/4 A	12	27

FORMA DE PEDIDO / *ORDER FORM:* Ref.

*** PRODUCTOS COMPATIBLES / *COMPATIBLE PRODUCTS***

ESCARIADOR HELICOIDAL
REAMER



MATERIAL : Acero para herramientas / *Tool steel*

a	b	c	d1	d2	d3	e	α
40	100	140	3	10,0	8	6,50	2º
40	150	190	5	15,5	13	10,00	2º
40	120	160	3	7,0	6	5,00	1º
40	206	246	5	12,0	12	9,00	1º

FORMA DE PEDIDO / ***ORDER FORM*** : d1 x d2