
KCT1 MÓDULO RECTO 1 M
STRAIGHT PIPE 1 M

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øext	130	150	175	200	225	250	300	350	400	450	500	550	600	650	700	750
L útil	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
A	38	38	38	38	38	38	38	38	40	40	40	40	40	40	40	40


KCT0 MÓDULO RECTO 0,5 M
STRAIGHT PIPE 0,5 M

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450


KCTP MÓDULO RECTO 0,25 M
STRAIGHT PIPE 0,25 M

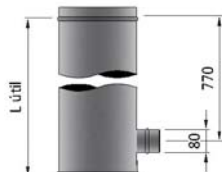
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200


KCTT MÓDULO RECTO 0,10 M
STRAIGHT PIPE 0,10 M

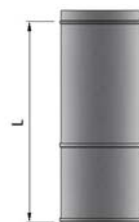
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	100	100	100	100	100	100	100	100								


KCMS MÓDULO SILENCIADOR 1 M
SILENCER PIPE 1 M

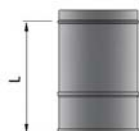
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950


KCTG TE 90° 1 M CON SALIDA DE Ø80
TEE 90° 1 M WITH CONNECTION Ø80

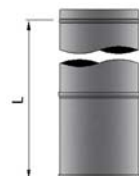
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	-	-	950	950	950	950	950	950	-	-	-	-	-	-	-	-


KCEL MÓDULO EXTENSIBLE 0,80 A 1,30 M
ADJUSTABLE PIPE 0,80 TO 1,30 M

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L min	-	-	800	800	800	800	800	800	-	-	-	-	-	-	-	-
L max	-	-	1300	1300	1300	1300	1300	1300	-	-	-	-	-	-	-	-


KCE5 MÓDULO EXTENSIBLE 0,50 A 0,82 M
ADJUSTABLE PIPE 0,50 TO 0,82 M

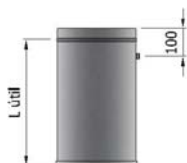
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L min	-	-	500	500	500	500	500	500	-	-	-	-	-	-	-	-
L max	-	-	820	820	820	820	820	820	-	-	-	-	-	-	-	-


KCEG MÓDULO EXTENSIBLE 0,35 A 0,50 M
ADJUSTABLE PIPE 0,35 TO 0,50 M

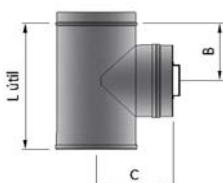
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L min	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
L max	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500

KCEP MÓDULO EXTENSIBLE 0,25 A 0,35 M
ADJUSTABLE PIPE 0,25 TO 0,35 M

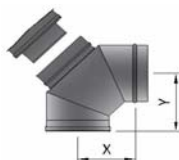

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L min	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
L max	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350

KCMC MÓDULO DE COMPROBACIÓN 0,5 M
CHECKING PIPE 0,5 M


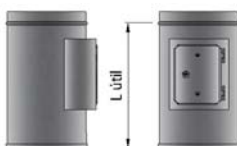
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450

KCTI TE DE INSPECCIÓN
INSPECTION TEE


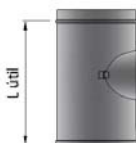
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	286	310	335	360	440	440	480	530	-	-	-	-	-	-	-	-
B	134	150	163	175	218	215	230	255	-	-	-	-	-	-	-	-
C	180	190	200	215	225	240	265	290	-	-	-	-	-	-	-	-

KCRN CODO 90° CON REGISTRO
ELBOW 90° WITH REGISTER


Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
X	162	177	193	208	221	255	286	245	264	289	314	339	364	457	482	507
Y	177	192	208	223	239	270	301	260	304	329	354	379	404	497	522	547

KCMI MÓDULO DE INSPECCIÓN
INSPECTION PIPE


Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	-	-	450	450	-	450	-	-	-	-	-	-	-	-	-	-

KCTR MÓDULO DE INSPECCIÓN
INSPECTION PIPE


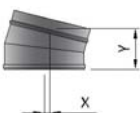
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	-	-	450	450	450	450	450	450	450	450	450	450	450	450	450	450

KCCR TRAMO CON COMPUERTA DE REGULACIÓN DE TIRO
PIPE WITH MANUAL DAMPER

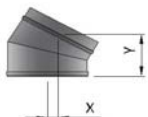

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	120	120	244	244	244	244	244	244	-	-	-	-	-	-	-	-
L útil	200	200	450	450	450	450	450	450	-	-	-	-	-	-	-	-

KCET ESTABILIZADOR DE TIRO
DRAUGHT STABILISER

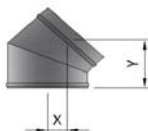

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	-	182	182	182	182	207	109	109	-	-	-	-	-	-	-	-

KCCQ CODO 15°
ELBOW 15°


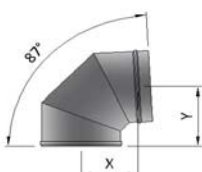
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
X	15	16	16	16	17	17	18	19	17	18	19	20	20	21	22	23
Y	120	123	125	129	132	136	142	148	171	177	183	190	192	203	209	216

KCCT CODO 30°
ELBOW 30°


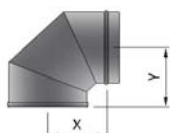
∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
X	29	30	32	33	34	37	40	44	47	50	54	57	60	64	67	70
Y	122	127	134	140	141	152	165	177	215	227	240	252	262	277	290	302

KCCC CODO 45°
ELBOW 45°


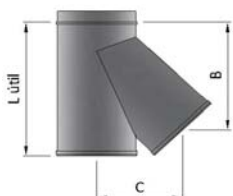
∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
X	47	50	54	58	61	65	72	80	84	94	102	109	116	124	131	138
Y	130	137	146	154	163	172	190	207	243	268	285	303	321	338	356	374

KCCH CODO 87°
ELBOW 87°


∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
X	130	139	151	163	175	187	210	234	253	277	300	324	348	420	444	467
Y	152	162	175	187	200	212	237	262	306	331	356	381	406	482	507	532

KCCN CODO 90°
ELBOW 90°


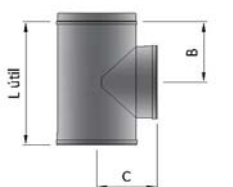
∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
X	135	145	158	170	183	195	220	245	264	289	314	339	364	457	482	507
Y	150	160	173	185	198	210	235	260	304	329	354	379	404	497	522	547

KCTC TE 135°
TEE 135°


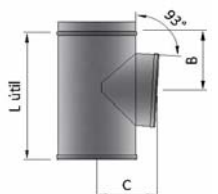
∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	314	342	377	413	448	484	554	625	722	792	941	941	1005	1075	1146	1217
B	252	273	299	326	352	379	432	485	551	604	657	710	763	816	869	922
C	175	192	213	234	256	277	320	362	412	455	497	540	583	625	668	711

KCTE TE 135° INJERTO LARGO
LONG TEE 135°


∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	-	-	373	409	444	480	550	621	-	-	-	-	-	-	-	-
B	-	-	619	655	690	726	796	867	-	-	-	-	-	-	-	-
C	-	-	549	571	592	613	656	677	-	-	-	-	-	-	-	-

KCTN TE 90°
TEE 90°


∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	286	310	335	360	440	440	480	530	536	586	636	686	736	786	836	886
B	136	150	163	175	220	215	230	255	246	271	296	321	346	371	396	421
C	135	145	158	170	183	195	220	245	290	315	340	365	390	415	440	465

KCTB TE 93°
TEE 93°


∅int	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	177	192	208	223	239	270	301	260	-	-	-	-	-	-	-	-
B	139	149	161	174	211	214	239	264	-	-	-	-	-	-	-	-
C	135	145	158	170	183	195	220	245	-	-	-	-	-	-	-	-

KCTA TAPA SIN DRENAJE
LID WITHOUT DRAIN

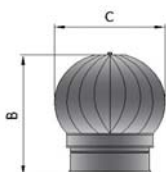

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	44	44	44	44	44	44	44	44	59	59	59	59	59	59	59	59

KCTD TAPA CON DRENAJE
LID WITH DRAIN

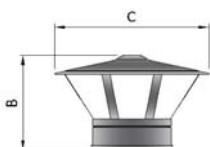

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	59	59	59	59	59	59	59	59	74	74	74	74	74	74	74	74

KCTF TAPA CON DRENAJE HORIZONTAL
LID WITH HORIZONTAL DRAIN

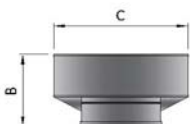

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	44	44	44	44	44	44	44	44	59	59	59	59	59	59	59	59

KCAA AUTO-ASPIRADOR
ROTATING COWL


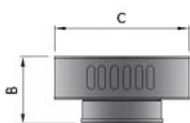
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	400	400	400	400	400	400	480	480	-	-	-	-	-	-	-	-
C	270	270	270	270	270	270	380	380	-	-	-	-	-	-	-	-

KCCP CAPERUZA
CAP


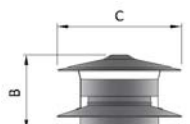
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	229	254	286	309	371	355	394	438	453	488	509	517	524	532	539	547
C	240	300	350	400	450	500	580	660	750	840	900	950	1000	1050	1100	1150

KCCA CAPERUZA ANTIRREVOCO
ANTI-WIND COWL


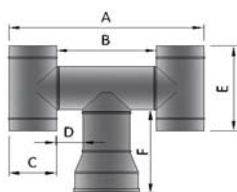
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	230	250	250	250	250	269	275	275	385	395	450	460	470	520	530	540
C	250	300	325	350	375	430	480	530	750	800	900	950	1000	1150	1200	1250

KCCB CAPERUZA ANTIRREVOCO CON REJILLA
ANTI-WIND COWL WITH GRID


Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	230	250	250	250	250	269	275	275	385	395	450	460	470	520	530	540
C	250	300	325	350	375	430	480	530	750	800	900	950	1000	1150	1200	1250

KCCD CAPERUZA ANTI-VIENTO
ANTI-WIND TOP TERMINAL


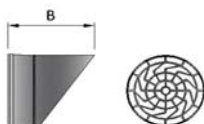
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	220	223	235	239	250	260	292	314	-	-	-	-	-	-	-	-
C	160	210	252	302	350	400	500	595	-	-	-	-	-	-	-	-

KCCF TERMINACIÓN H
H COWL


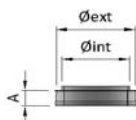
\varnothing_{int}	125	150
A	500	625
B	245	320
C	127	152
D	59	85
E	280	300
F	295	295

KCCO CONO SALIDA LIBRE
CONE

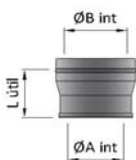

\varnothing_{int}	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	190	190	190	190	190	190	190	190	250	250	250	250	250	250	250	250

KCTH TERMINAL SALIDA HORIZONTAL
HORIZONTAL OUTLET


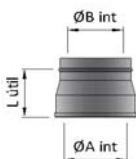
\varnothing_{int}	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	201	215	233	250	268	285	320	355	430	465	490	535	570	605	640	675

KAMA MANGUITO CUBRE-AISLANTE
INSULATION COVER PLATE


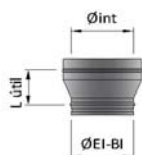
\varnothing_{int}	125	150	175	200	250	300
\varnothing_{ext}	175	200	225	250	300	350
A	55	55	55	55	55	55

KCAM AMPLIACIÓN
INCREASER


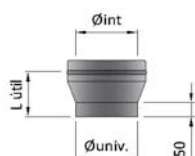
$\varnothing_{A int}$	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	-
$\varnothing_{B int}$	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700	-
L útil	175	175	175	175	175	175	175	195	210	210	210	210	210	210	210	-

KCRE REDUCCIÓN
REDUCTION


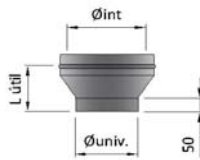
$\varnothing_{A int}$	-	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
$\varnothing_{B int}$	-	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650
L útil	-	175	175	175	175	175	175	175	195	210	210	210	210	210	210	210

KCSD MANGUITO (EI-BI) A (KA-KC)
COUPLING (EI-BI) TO (KA-KC)


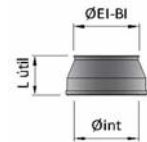
\varnothing_{int}	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
\varnothing_{EI-BI}	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	128	128	128	128	128	128	128	128	-	-	-	-	-	-	-	-

KCSDM MANGUITO (UNIVERSAL) A (KA-KC)
COUPLING (UNIVERSAL) TO (KA-KC)


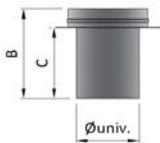
\varnothing_{int}	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
$\varnothing_{univ.}$	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648	698
L útil	163	163	163	163	163	163	163	163	-	-	-	-	-	-	-	-


KCSAM MANGUITO (UNIVERSAL) A (KA-KC) AMPLIADO
COUPLING (UNIVERSAL) TO (KA-KC) INCREASER

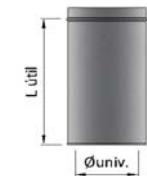
Øint	-	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øuniv.	-	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648
L útil	-	163	163	163	163	163	163	-	-	-	-	-	-	-	-	-


KCDS MANGUITO (KA-KC) A (EI-BI)
COUPLING (KA-KC) TO (EI-BI)

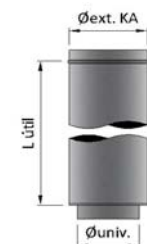
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
ØEI-BI	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	140	140	140	140	140	140	140	140	-	-	-	-	-	-	-	-


KCSU MANGUITO UNIVERSAL A (KC) CON PLACA
KC TOPHAT ADAPTER TO SIMPLE WALL

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øuniv.	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648	698
B	315	315	315	315	315	315	315	315	-	-	-	-	-	-	-	-
C	250	250	250	250	250	250	250	250	-	-	-	-	-	-	-	-


KCVKA EXTENSIBLE VITRIFICADO A KC DE 0,5M
VITRIFIED EXTENSIBLE 0,5M TO KC

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øuniv.	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648	698
L útil	450	450	450	450	450	450	450	450	-	-	-	-	-	-	-	-


KCME TUBO DE INICIO 1M
KC FLAT STARTER PIPE 1M

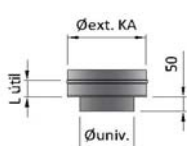
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øuniv.	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648	698
L útil	905	905	905	905	905	905	905	905	-	-	-	-	-	-	-	-


KCMF TUBO DE INICIO 0,5M
KC FLAT STARTER PIPE 0,5M

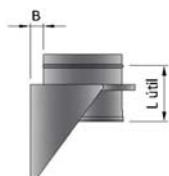
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øuniv.	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648	698
L útil	405	405	405	405	405	405	405	405	-	-	-	-	-	-	-	-


KCMD MANGUITO (UNIVERSAL) A KC PLANO
KC FLAT ADAPTER

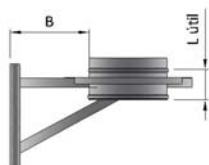
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øuniv.	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648	698
L útil	36	36	36	36	36	36	36	36	-	-	-	-	-	-	-	-


KCMB MANGUITO (UNIVERSAL) A KC PLANO AMPLIADO
KC INCREASER FLAT ADAPTER

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
Øuniv.	78	98	123	148	173	198	248	298	348	398	448	498	548	598	648	698
L útil	58	58	58	58	58	58	58	58	-	-	-	-	-	-	-	-


KCSB **SOPORTE BASE REGULABLE**
ADJUSTABLE BASE SUPPORT

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	200	200	200	200	200	200	200	200	250	250	250	250	250	250	250	250
Bmín	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Bmax	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80


KCSR **SOPORTE BASE REGULABLE**
ADJUSTABLE BASE SUPPORT

Øint	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	105	105	105	105	105	105	105	105	-	-	-	-	-	-	-
Bmín	80	80	80	80	80	80	80	80	-	-	-	-	-	-	-
Bmax	280	280	280	280	280	280	280	280	-	-	-	-	-	-	-


KCSP **PLACA DE SOPORTE BASE**
CONSOLE PLATE

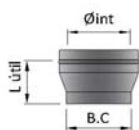
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	122	122	122	122	122	122	122	122	-	-	-	-	-	-	-	-
B	80	80	80	80	80	80	80	80	-	-	-	-	-	-	-	-


KCSS **SOPORTE SUELO**
FLOOR SUPPORT

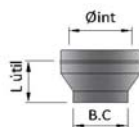
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
L útil	200	200	200	200	200	200	200	200	-	-	-	-	-	-	-	-
B	190	190	190	190	190	190	190	190	-	-	-	-	-	-	-	-


KAAP **ABRAZADERA AUTOPORTANTE**
STRUCTURAL LOCKING BAND

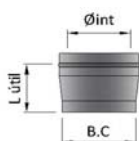
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140


KCAD **ADAPTADOR A CALDERA TIPO 1**
BOILER ADAPTOR TYPE 1

Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B.C	80+95	100+115	125+140	150+165	175+190	200+215	250+255	300+315	350+365	400+415	450+465	500+515	550+565	600+615	650+665	700+715
L útil	150	150	150	150	150	150	150	150	170	170	170	170	170	170	170	170


KCAD **ADAPTADOR A CALDERA TIPO 2**
BOILER ADAPTOR TYPE 2

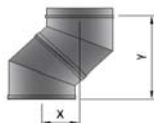
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B.C	-	80+95	80+120	100+145	125+170	150+195	200+245	250+295	300+345	350+395	400+445	450+495	500+545	550+595	600+645	650+695
L útil	-	150	150	150	150	150	150	150	245	245	245	245	245	245	245	245


KCAD **ADAPTADOR A CALDERA TIPO 3**
BOILER ADAPTOR TYPE 3

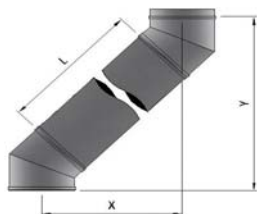
Øint	80	100	125	150	175	200	250	300	350	400	450	500	550	600	650	700
B.C	100+125	120+145	145+170	170+195	195+220	220+245	270+295	320+345	370+395	420+445	470+495	520+545	570+595	620+645	670+695	720+745
L útil	175	175	175	175	175	175	175	175	220	220	220	220	220	220	220	220

DESVIACIÓN / DEVIATION

CODO	L	Ø80/130		Ø100/150		Ø125/175		Ø150/200		Ø175/225		Ø200/250		Ø250/300		Ø300/350	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
45°	-	103	249	110	264	116	281	124	299	131	317	139	335	153	370	168	405
	0,25M	244	390	251	406	258	422	265	440	273	458	280	476	295	512	309	547
	0,5M	421	567	428	583	435	599	442	617	449	635	457	653	472	689	486	723
	1M	775	920	781	936	788	953	796	971	803	1125	810	1007	825	1042	644	1077
30°	-	64	237	66	248	70	259	73	272	73	274	80	297	84	312	93	348
	0,25M	164	411	166	421	170	433	173	445	173	447	180	471	184	485	193	521
	0,5M	289	627	291	637	295	649	298	661	298	663	305	687	309	702	318	737
	1M	539	1060	541	1070	545	1082	548	1094	548	1096	555	1120	559	1135	568	1170
15°	-	31	234	32	240	32	244	33	252	34	258	35	266	37	278	38	290
	0,25M	83	427	83	433	84	437	85	445	86	451	87	459	88	471	90	483
	0,5M	147	668	148	674	149	678	150	687	150	692	151	700	153	712	155	724
	1M	277	1151	277	1157	278	1161	279	1169	280	1175	281	1183	282	1195	284	1207



CODO	L	Ø350/400		Ø400/450		Ø450/500		Ø500/550		Ø550/600		Ø600/650		Ø650/700		Ø700/750	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
45°	-	196	474	217	524	231	559	246	594	261	630	275	665	290	700	305	736
	0,25M	338	616	500	665	514	700	529	736	544	771	558	806	573	842	588	877
	0,5M	833	857	853	842	868	877	883	913	897	948	912	983	926	1019	941	1054
	1M	868	1146	889	1196	903	1230	918	1266	933	1302	947	1336	962	1372	977	1408
30°	-	114	425	120	449	127	475	134	499	139	519	147	549	154	575	160	599
	0,25M	214	598	220	622	227	648	234	672	239	692	247	722	254	748	260	772
	0,5M	339	814	345	838	352	865	359	888	364	909	372	939	379	964	385	988
	1M	589	1247	595	1271	602	1298	609	1321	614	1342	622	1372	629	1397	635	1421
15°	-	45	341	46	353	48	365	50	379	50	383	53	405	55	417	57	431
	0,25M	97	534	98	546	100	558	102	572	102	576	105	598	107	610	108	624
	0,5M	161	775	163	787	164	799	166	813	167	817	170	839	171	851	173	865
	1M	291	1258	292	1270	294	1282	296	1296	296	1300	299	1322	301	1334	303	1348



CODO	L	Ø80/130		Ø100/150		Ø125/175		Ø150/200		Ø175/225		Ø200/250		Ø250/300		Ø300/350	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
45°	X	0,71xL+103	0,71xL+110	0,71xL+116	0,71xL+124	0,71xL+131	0,71xL+139	0,71xL+153	0,71xL+168								
	Y	0,71xL+249	0,71xL+264	0,71xL+281	0,71xL+299	0,71xL+317	0,71xL+335	0,71xL+370	0,71xL+405								
30°	X	0,5xL+64	0,5xL+66	0,5xL+70	0,5xL+73	0,5xL+73	0,5xL+80	0,5xL+84	0,5xL+93								
	Y	0,87xL+237	0,87xL+248	0,87xL+259	0,87xL+272	0,87xL+274	0,87xL+297	0,87xL+312	0,87xL+348								
15°	X	0,25xL+31	0,25xL+32	0,25xL+32	0,25xL+33	0,25xL+34	0,25xL+35	0,25xL+37	0,25xL+38								
	Y	0,97xL+234	0,97xL+240	0,97xL+244	0,97xL+252	0,97xL+258	0,97xL+266	0,97xL+278	0,97xL+290								

