

# CEPEX Plastic Extreme Valve Series

PVC, CPVC, ABS and PP Industrial Plastic Valves

**ALLVALVES**  
ONLINE

## Main Features :-

- Spanish made valves, CE marked.
- PVC, ABS, CPVC, PP and PVDF materials
- Plain ends, BSP ends, flanged ends
- PTFE with EPDM or Viton seals
- Suitable for actuation with bracket
- Panel mountable
- Full bore valves



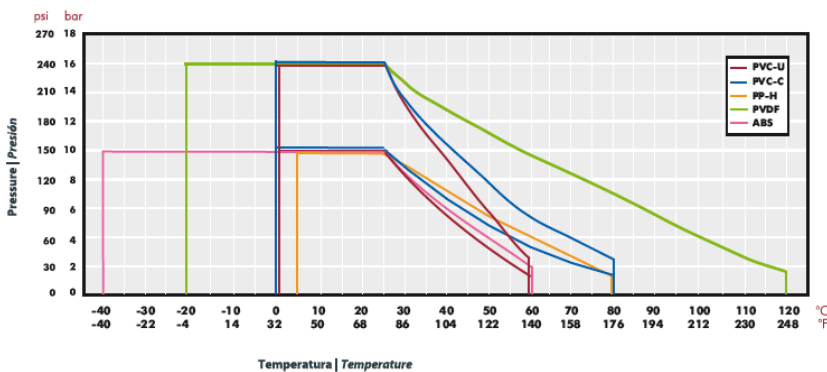
TYPE: CEPEX VALVES

## Technical Details:-

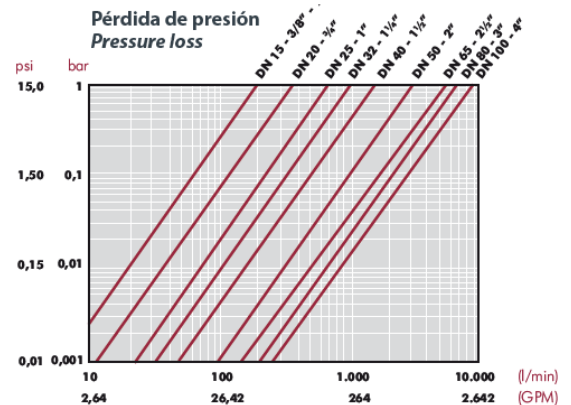
### CARACTERÍSTICAS TÉCNICAS Y GAMA TECHNICAL FEATURES AND RANGE

- **Medidas | Measures:**  
D16 (DN10) > D90 (DN80)
- **Presión nom. | Nom. pressure:**  
**PVC-U | CPVC | PVDF**  
PN16 / 20°C (240 psi / 73°F) - DN10 - DN50  
**PVC-U | CPVC**  
PN10 / 20°C (150 psi / 73°F) - DN65 - DN80  
**PP-H | ABS**  
PN10 / 20°C (150 psi / 73°F) - DN10 - DN50
- **Standards:**  
ISO/DIN, ANSI/ASTM, British Standard, JIS
- **Material cuerpo | Body material:**  
PVC-U, PVC-C, PP-H, PVDF, ABS
- **Mat. junta | Rubber seal mat.:**  
EPDM alimentario / Food grade  
FPM
- **Mat. asientos bola | Ball seats material**  
PTFE
- **Mat. insertos y refuerzos | Inserts and reinforcements material**  
Acero inoxidable / Stainless steel
- **Certificado CE | CE certificate:**
- **Modos de actuación | Actuation types:**  
Manual (maneta)  
Manual (handle)  
  
Eje libre para actuación  
Free shaft for actuation  
  
Actuación eléctrica y neumática (Rotork)  
Pneumatic and electric actuation (Rotork)

Presión vs. temperatura  
Pressure vs. temperature



Pérdida de presión  
Pressure loss



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### DESPIECE | EXPLODED

Description	Material
1 Eje / Shaft	PVC-U/PPH/CPVC/PVDF/ABS
2 Bola / Ball	PVC-U/PPH/CPVC/PVDF/ABS
3 Tuerca / Union nut	PVC-U/PPH/CPVC/PVDF/ABS
4 Maneta / Handle	PP + FV
5 Manguito enlace / End connector	PVC-U/PPH/CPVC/PVDF/ABS *
6 Junta amortiguación / Dampener seal	Food grade EPDM / FPM
7 Junta eje / Shaft o-ring	Food grade EPDM / FPM
8 Junta cuerpo / Body o-ring	Food grade EPDM / FPM
9 Asiento bola / Ball seat	PTFE
10 Junta manguito / End connector o-ring	Food grade EPDM / FPM
11 Cuerpo / Body	PVC-U/PPH/CPVC/PVDF/ABS
12 Porta-juntas / Seal-carrier	PVC-U/PPH/CPVC/PVDF/ABS
13 Junta tórica / O-ring	EPDM / FPM
14 Insertos fijación / Fixing inserts	Stainless steel

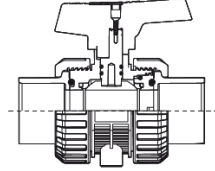
\* Todos los manguitos roscados son reforzados con un anillo de refuerzo en acero inoxidable

\* All the threaded connections are reinforced with a stainless steel ring

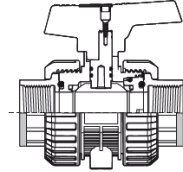


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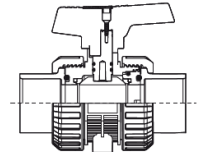
**Encolar hembra**  
**Female solvent socket**  
PVC-U | PVC-C | ABS



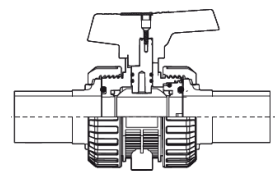
**Roscar hembra**  
**Female thread**  
PVC-U | PVC-C | PP-H | ABS



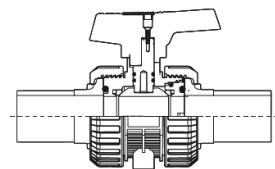
**Termofusión hembra**  
**Female socket fusion**  
PP-H | PVDF



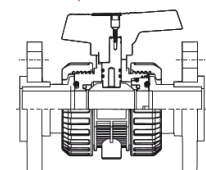
**Soldadura a tope SDR11**  
**Butt welding SDR11**  
PP-H | PE100



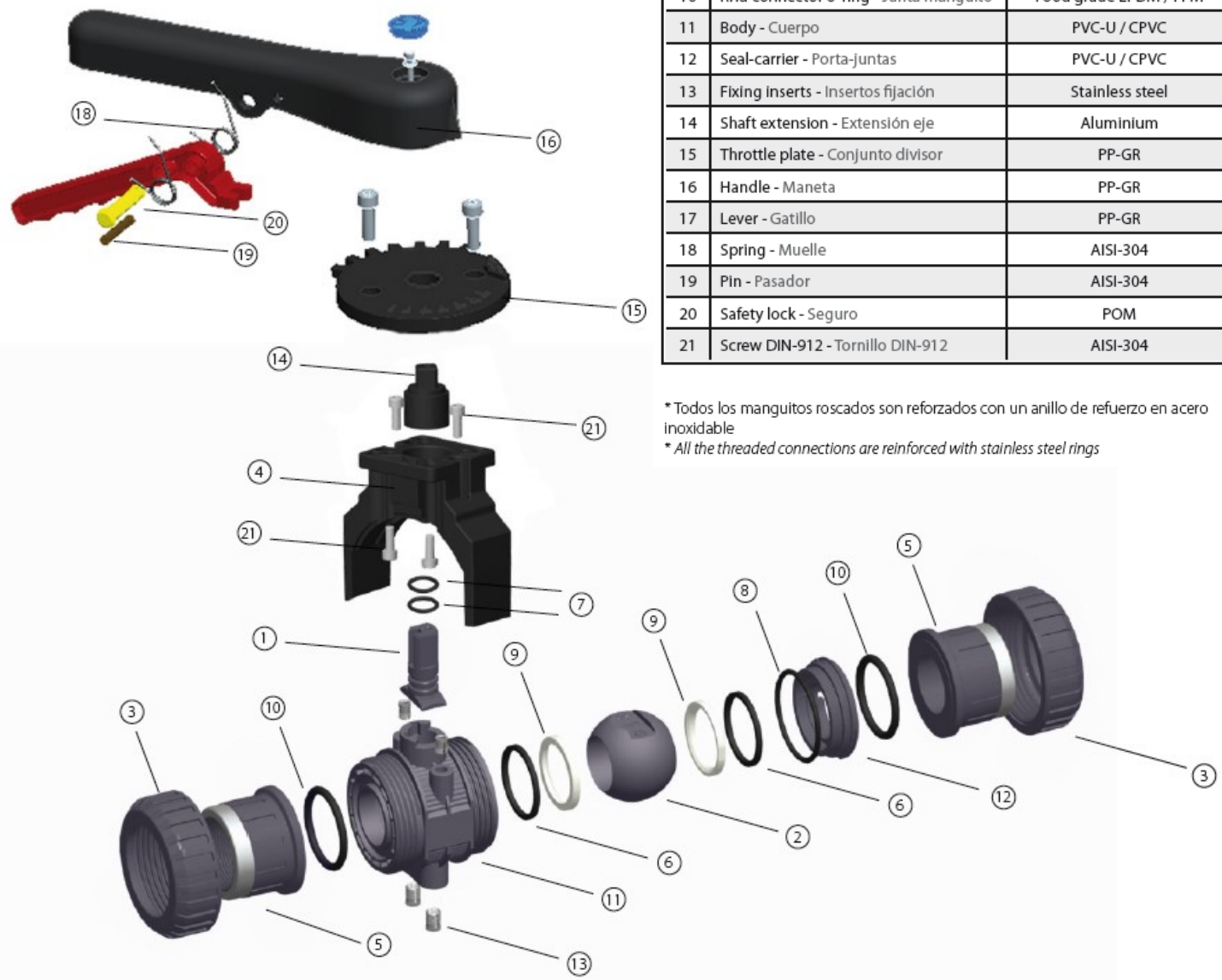
**Electrofundición**  
**Electrofusion**  
PE100



**Con bridas**  
**With flanges**  
PVC-U | PVC-C



### DN65-100



N	PART - DESCRIPTION	MATERIAL
1	Shaft - Eje	PVC-U / CPVC
2	Ball - Bola	PVC-U / CPVC
3	Union nut - Tuerca	PVC-U / CPVC
4	Coupling clamp - Brida acople	PVC-U
5	End connector - Manguito enlace	PVC-U / CPVC
6	Dampener seal - Junta amortiguación	Food grade EPDM / FPM
7	Shaft o-ring - Junta cuerpo	Food grade EPDM / FPM
8	Body o-ring - Junta cuerpo	Food grade EPDM / FPM
9	Ball seat - Asiento bola	PTFE
10	Rnd connector o-ring - Junta manguito	Food grade EPDM / FPM
11	Body - Cuerpo	PVC-U / CPVC
12	Seal-carrier - Porta-juntas	PVC-U / CPVC
13	Fixing inserts - Insertos fijación	Stainless steel
14	Shaft extension - Extensión eje	Aluminium
15	Throttle plate - Conjunto divisor	PP-GR
16	Handle - Maneta	PP-GR
17	Lever - Gatillo	PP-GR
18	Spring - Muelle	AISI-304
19	Pin - Pasador	AISI-304
20	Safety lock - Seguro	POM
21	Screw DIN-912 - Tornillo DIN-912	AISI-304

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\* All the threaded connections are reinforced with stainless steel rings

TYPE: CEPEX VALVES

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<b>D</b>	16- $\frac{3}{8}$ "	20- $\frac{1}{2}$ "	25- $\frac{3}{4}$ "	32-1"	40-1 $\frac{1}{4}$ "	50-1 $\frac{1}{2}$ "	63-2"
<b>DN</b>	10	15	20	25	32	40	50
<b>Kv<sub>100</sub></b>	75	190	380	690	980	1.600	3.000
<b>Cv</b>	5,3	13,3	26,6	48,3	68,6	112	210,1

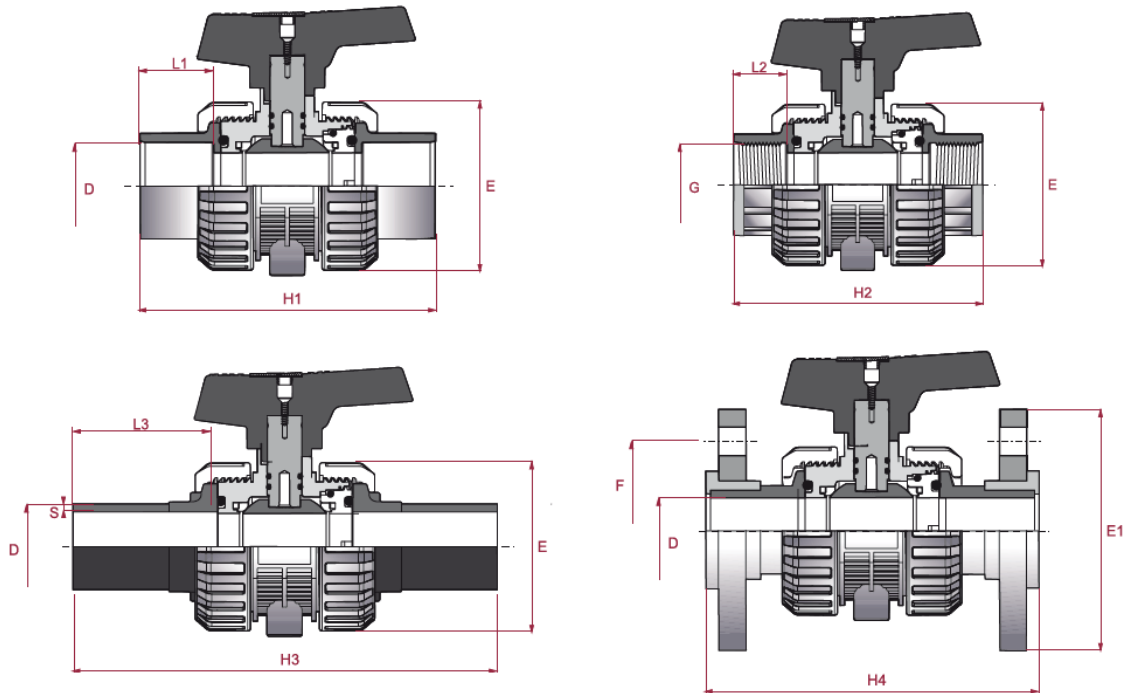
$Cv = Kv_{100} / 14,28$   
 $Kv_{100}$  (l/min,  $\Delta p = 1$  bar)  
 $Cv$  (GPM,  $\Delta p = 1$  psi)

<b>D</b>	16- $\frac{3}{8}$ "	20- $\frac{1}{2}$ "	25- $\frac{3}{4}$ "	32-1"	40-1 $\frac{1}{4}$ "	50-1 $\frac{1}{2}$ "	63-2"
<b>DN</b>	10	15	20	25	32	40	50
<b>Nm</b>	1	1	2	3,5	3,5	5	15
<b>in-lbf</b>	8,9	8,9	17,7	31	31	44,3	132,8

Operating torque values at rated pressure (PN) and 20 °C in as new direct from the factory condition. Installation and operating conditions (pressure and temperature) will affect these values.

## DN15-DN50

### DIMENSIONS / DIMENSIONES



DN	D - G	L1 solvent	L1 threaded	L1 fusion	L2	L3	H1 PVC-U / CPVC/ABS	H1 PP-H / PVDF	H2	H3	H4	E	E1	F	S
DN10	16 - $\frac{3}{8}$ "	15,5	8,5	14,5	13	-	102	101	87	-	-	50	-	-	-
DN15	20 - $\frac{1}{2}$ "	17	13,5	15,5	16	45	102	101	87	170	130	50	95	65	2,3
DN20	25 - $\frac{3}{4}$ "	20	15,5	17	19	57	120	118	101	190	150	61	105	75	2,3
DN25	32 - 1"	23	18,5	19	22	50	139	136	122	205	160	70	115	85	3,0
DN32	40 - 1 $\frac{1}{4}$ "	27,5	20	21,5	26	51	156	151	135	226	180	81	140	100	3,7
DN40	50 - 1 $\frac{1}{2}$ "	32	20	24,5	31	61	170	165	149	250	195	96	150	110	4,6
DN50	63 - 2"	39,5	24	28,5	38	69	197	190	174	296	223	118	165	125	5,8

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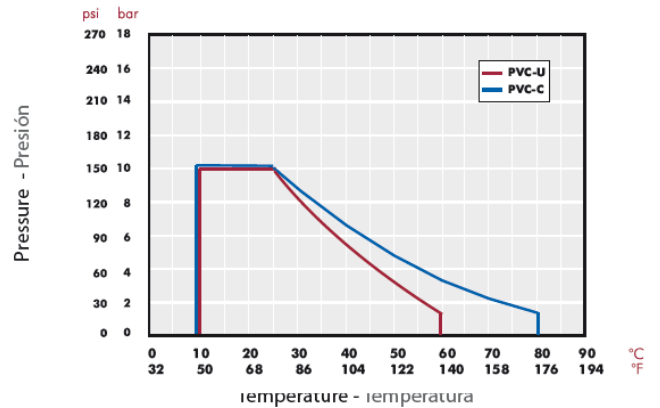
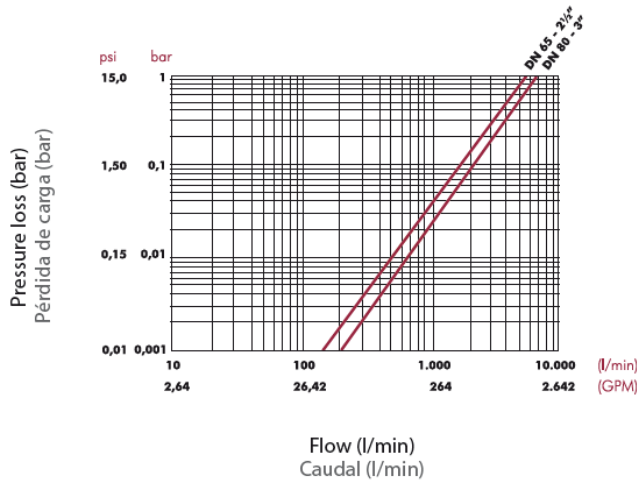
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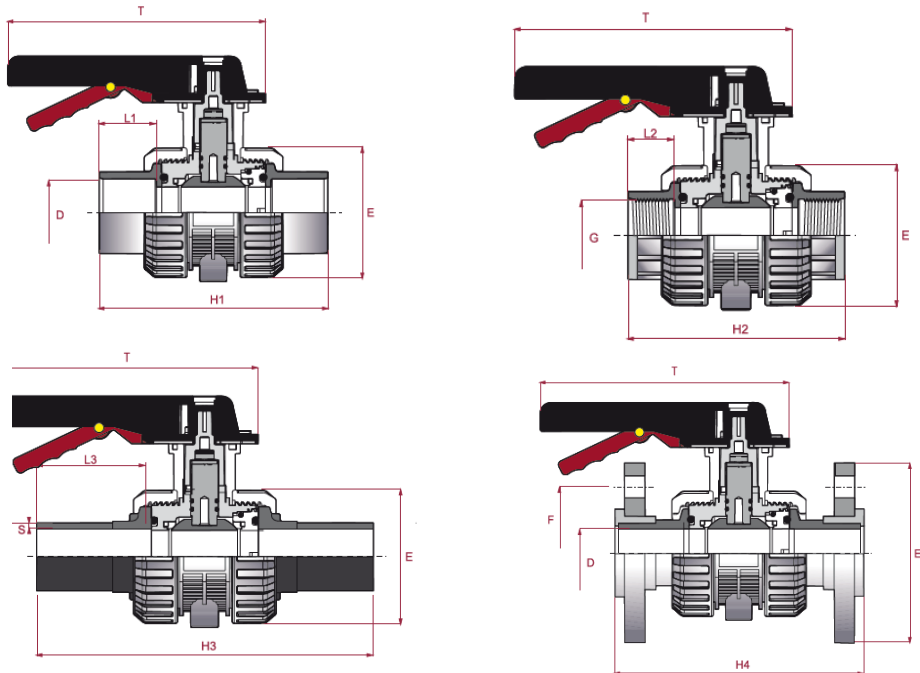


D	75-2 1/2"	90-3"
DN	65	80
Kv <sub>100</sub>	5.500	6.800
Cv	385,2	476,2

D	75-2 1/2"	90-3"
DN	65	80
Nm	25	45
in-lbf	221,3	398,3

Operating torque values at rated pressure (PN) and 20 °C in as new direct from the factory condition. Installation and operating conditions (pressure and temperature) will affect these values.

## DIMENSIONS / DIMENSIONES DN65-100



DN	D-G	L1 solvent	L1 theraded	L2	L3	H1	H2	H3	H4	E	E1	F	S
DN65	75 - 2 1/2"	45	27	44	76	238	216	324	190	146	185	145	6,8
DN80	90 - 3"	53	30	51	85	278	256	366	310	176	200	160	8,2

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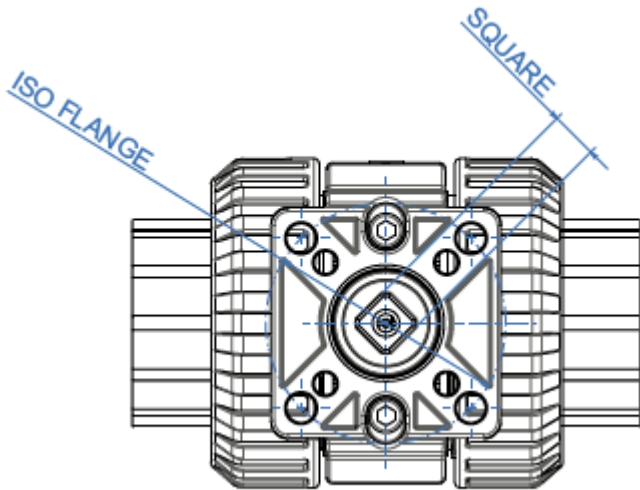
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### ACTUATION KIT KIT DE ACTUACIÓN



TYPE: CEPEX VALVES

D	DN	ISO FLANGE F03			ISO FLANGE F04			ISO FLANGE F05				ISO FLANGE F07			
		Q9	Q11	Q14	Q9	Q11	Q14	Q9	Q11	Q14	Q17	Q11	Q14	Q17	Q22
20	15	65396	65397	65398	65881	65882	65883	65399	65400	65401					
25	20	65884	65885	65886	65887	65888	65889	65402	65403	65404					
32	25								65405	65406					
40	32								65407	65408					
50	40								65409	65410	65411	65412	65413	65414	
63	50								65415	65416	65417	65418	65419	65420	
75	65													65421	
90	80													65422	65423



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