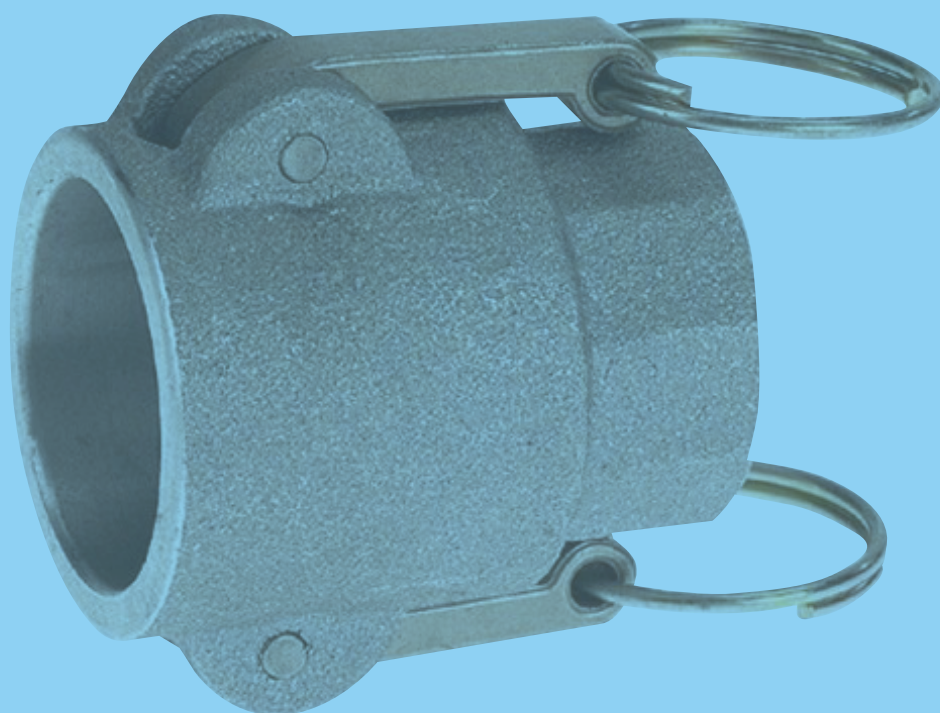


INDUSTRIAL FITTINGS



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INDUSTRIAL FITTINGS

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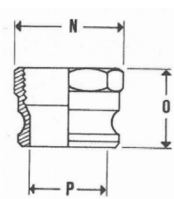
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1. 1. CAM AND GROOVE FITTINGS (CAMLOCK) MIL-C 27487/ EN 14420-7 (DIN 2828)

1.1 ALUMINIUM

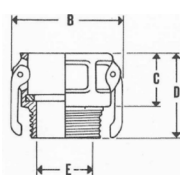
Material: ASTM B85 grade 380
 Pressure: Max Bar 16 (at 23°C) ¾ - 2"
 Gasket: NBR
 Temperature: -10°C to +60°C.

TYPE A ADAPTER FEMALE AL



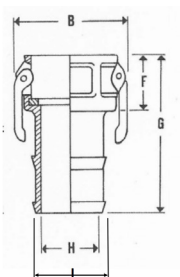
CODE	DN	N mm	O mm	P mm	gr
880609	3/4"	32	40	19	40
880610	1"	43	48	23	50
880611	1" ¼	50	55	28	90
880612	1" ½	56	36	36	110
880613	2"	68	62	46	150

TYPE B COUPLING MALE AL



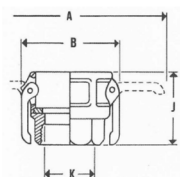
CODE	DN	B mm	C mm	D mm	E mm	gr
880639	3/4"	50	33	49	19	100
880640	1"	62	40	60	24	160
880641	1" ¼	81	46	68	31	270
880642	1" ½	87	48	70	38	300
880643	2"	90	54	79	48	350

TYPE C COUPLER HOSE SHANK AL



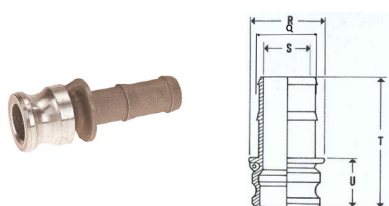
CODE	DN	N mm	O mm	P mm	gr
880645	3/4"	50	55	85	14
880646	1"	62	40	98	20
880647	1" ¼	81	46	104	26
880648	1" ½	87	48	109	32
880649	2"	90	54	124	43

TYPE D COUPLER FEMALE AL



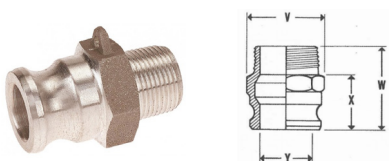
CODE	DN	A mm	B mm	J mm	K mm	gr
880633	3/4"	115	50	49	21	120
880634	1"	138	62	60	26	160
880635	1" ¼	178	81	70	35	280
880636	1" ½	185	87	73	38	320
880637	2"	195	90	79	46	360

TYPE E ADAPTER HOSE SHANK AL



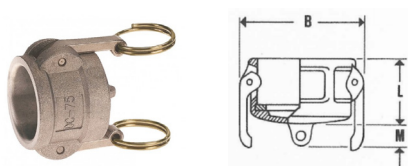
CODE	DN	Q mm	R mm	S mm	T mm	U mm	gr
880621	3/4"	21	35	14	76	25	50
880622	1"	26.5	41	19	92	36	90
880623	1" ¼	33	48	25	98	41	120
880624	1" ½	39.3	60	31	102	44	190
880625	2"	52	66	43	117	49	280

TYPE F ADAPTER MALE AL



CODE	DN	V mm	W mm	X mm	Y mm	gr
880615	3/4"	32	57	40	19	100
880616	1"	43	69	49	23	160
880617	1" ¼	58	77	55	28	270
880618	1" ½	56	78	56	36	300
880619	2"	68	87	62	46	350

TYPE DC COUPLER DUST CAP AL



CODE	DN	B mm	L mm	N mm	gr
880651	3/4"	50	34	13	100
880652	1"	62	41	13	140
880653	1" ¼	81	48	13	240
880654	1" ½	87	50	13	270
880655	2"	90	57	13	330

TYPE DP ADAPTER DUST PLUG AL

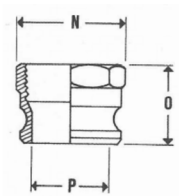


CODE	DN	Z mm	AA mm	gr
880627	3/4"	10	26	300
880628	1"	10	23	500
880629	1" ¼	10	40	700
880630	1" ½	10	42	120
880631	2"	10	48	160

1.2 STAINLESS STEEL

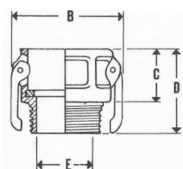
Material: ASTM A666 grade 316/1.4401
 Pressure: Max Bar 16 (at 23°C) ¾ - 2"
 Gasket: NBR
 Temperature: -10°C to +60°C.

TYPE A ADAPTER FEMALE ST



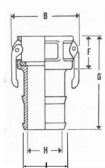
CODE	DN	N mm	O mm	P mm	gr
884532	3/4"	32	40	19	110
884533	1"	43	48	23	150
884534	1" ¼	50	55	28	240
884535	1" ½	56	36	36	320
884536	2"	68	62	46	420

TYPE B COUPLER MALE ST



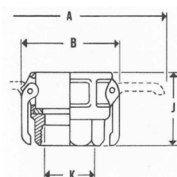
CODE	DN	B mm	C mm	D mm	E mm	gr
884562	3/4"	50	33	49	19	200
884563	1"	62	40	60	24	290
884564	1" ¼	81	46	68	31	470
884565	1" ½	87	48	70	38	540
884566	2"	90	54	79	48	670

TYPE C COUPLER HOSE SHANK ST



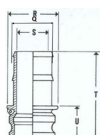
CODE	DN	N mm	O mm	P mm	gr
884568	3/4"	50	55	85	250
884569	1"	62	40	98	270
884570	1" ¼	81	46	104	590
884571	1" ½	87	48	109	700
884572	2"	90	54	124	810

TYPE D COUPLER FEMALE ST



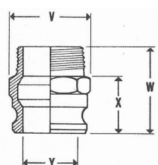
CODE	DN	A mm	B mm	J mm	K mm	gr
884556	3/4"	115	50	49	21	230
884557	1"	138	62	60	26	320
884558	1" ¼	178	81	70	35	490
884559	1" ½	185	87	73	38	550
884560	2"	195	90	79	46	700

TYPE E ADAPTER HOSE SHANK ST



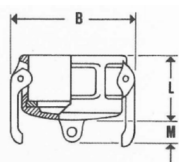
CODE	DN	Q mm	R mm	S mm	T mm	U mm	gr
884544	3/4"	21	35	14	76	25	140
884545	1"	26.5	41	19	92	36	250
884546	1" 1/4	33	48	25	98	41	370
884547	1" 1/2	39.3	60	31	102	44	560
884548	2"	52	66	43	117	49	850

TYPE F ADAPTER MALE ST



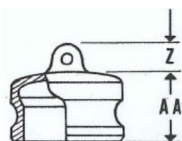
CODE	DN	V mm	W mm	X mm	Y mm	gr
884538	3/4"	32	57	40	19	160
884539	1"	43	69	49	23	260
884540	1" 1/4	58	77	55	28	400
884541	1" 1/2	56	78	56	36	520
884542	2"	68	87	62	46	690

TYPE DC COUPLER DUST CAP ST



CODE	DN	B mm	L mm	N mm	gr
884574	3/4"	50	34	13	180
884575	1"	62	41	13	250
884576	1" 1/4	81	48	13	430
884577	1" 1/2	87	50	13	510
884578	2"	90	57	13	760

TYPE DP ADAPTER DUST PLUG ST



CODE	DN	Z mm	AA mm	gr
884550	3/4"	10	26	80
884551	1"	10	23	130
884552	1" 1/4	10	40	250
884553	1" 1/2	10	42	320
884554	2"	10	48	460

1.3 GASKETS

NBR



CODE	DN	OD mm	ID mm	T mm	gr
880657	3/4"	35	22	5.5	5
880658	1"	40	27	6.4	7
880659	1" ¼	50	35	6.4	9
880660	1" ½	56	41	6.4	10
880661	2"	67	51	6.4	10

NBR Elastomer for hydraulic and pneumatics. Temperature: -30 °C to +120 °C.

EPDM



CODE	DN	OD mm	ID mm	T mm	gr
884580	3/4"	35	22	5.5	5
884581	1"	40	27	6.4	7
884582	1" ¼	50	35	6.4	9
884583	1" ½	56	41	6.4	10
884584	2"	67	51	6.4	10

EPDM Elastomer resistant to steam, hot water, alkaline products. Temperature: -30 °C to +140 °C.

PTFE



CODE	DN	OD mm	ID mm	T mm	gr
884586	3/4"	35.3	21.2	5.5	4
884587	1"	39	23	6.4	6
884588	1" ¼	49.5	32.4	6.4	9
884589	1" ½	55.2	35.2	6.4	12
884590	2"	66	47	6.4	14

PTFE Very good thermal and electrical insulation, low friction coefficient and high density. Temperature: -20°C to +100°C.

FKM

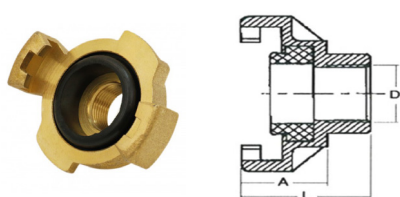


CODE	DN	OD mm	ID mm	T mm	gr
884592	3/4"	35	22	5.5	5
884593	1"	40	27	6.4	7
884594	1" ¼	50	35	6.4	9
884595	1" ½	56	41	6.4	10
884596	2"	67	51	6.4	10

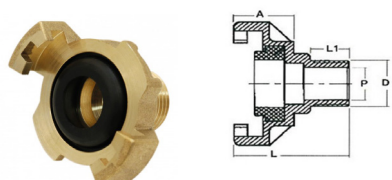
FKM: Excellent resistance to heat, fuels and aggressive chemicals. Temperature: -30 °C to +200 °C.

2.0 EXPRESS COUPLING NF E29-573

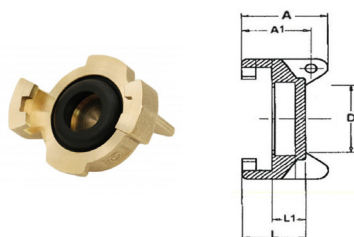
Material: Brass CW617N-DW
 Pressure: Max Bar 10 (at 23°C) $\frac{3}{4}$ - 2
 Seal: NBR
 Temperature: -5°C to +60°C.
 Specification: NF E29-573. Claws distance: 41 mm
 Directive 2014/68/EU: Excluded products (Article 1, §2.b).
 Thread forms: Cylindrical BSPP ISO 228/1
 Application: Water and compressed air fittings.

FEMALE COUPLING

CODE	D	A mm	L mm
829134	G1/4	20	11
829135	G3/8	20	11
829136	G1/2	20	12
829137	G3/4	20	13
829138	G1	20	16
829139	G1.1/4	20	21.5

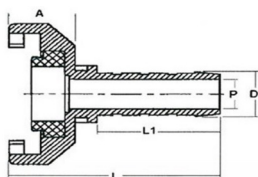
MALE COUPLING

CODE	D	A mm	L mm	L1 mm	P mm
829143	G1/4	20	37	11	7.5
829144	G3/8	20	37	11	11
829145	G1/2	20	37	12	15
829146	G3/4	20	37	13	20
829147	G1	20	37	14	26
829148	G1.1/4	20	37	15	34

CAP

CODE	D	A mm	L mm	L1 mm	P mm
829179	32	22	11.5	30	25

HOSE SHANK COUPLING



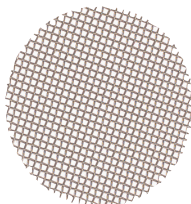
CODE	D mm	A mm	L mm	L1 mm	P mm
829150	6	20	66.5	39.5	3
829151	7	20	66.5	39.5	4
829152	8	20	66.5	39.5	5
829153	9	20	66.5	39.5	6
829154	11	20	66.5	39.5	8
829155	13	20	66.5	39.5	9.5
829156	16	20	66.5	39.5	12.5
829157	19	20	66.5	39.5	15.5
829158	22	20	66.5	39.5	18.5
829159	25	20	66.5	39.5	21.5
829160	30	20	66.5	39.5	25

GALVANISED STEEL HOSE CLAMP



CODE	DN mm
880599	14-16
880600	16-18
880601	19-21
880602	22-24
880603	25-27
880604	28-30
880605	31-33
880606	34-37
880607	37-39

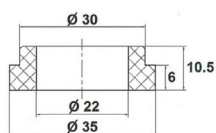
STAINLESS STEEL FILTER 304L - 750 MICRONS



CODE	DN mm	Microns
853567	32	750

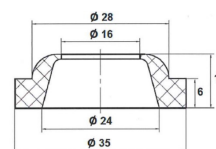
NBR SEAL- STANDARD

CODE: 853563



NBR SEAL – SMALL BORE

CODE: 853565



3. STAINLESS STEEL FITTINGS 150LB - PN 20 BARS ISO 4144

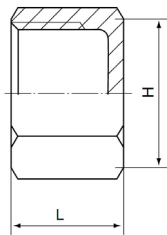
TECHNICAL CHARACTERISTICS:

Compatible Fluids: Compressed air and fluid compatible with sealing materials.
 Material: Stainless steel 316 (CF8M)
 Specification: ISO 4144
 Thread forms: Tapered BSPT ISO 7.1
 Parallel BSPP ISO 228 Class A

PRESSURE-TEMPERATURE RATING:

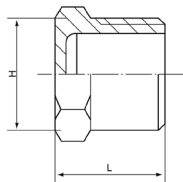
Temperature (°C)	No-shock maximum working pressure (Bar)
-20...40	20
100	16.5
150	15
200	14
220	13.5

HEXAGON HEAD CAP



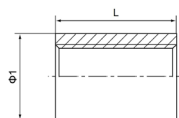
CODE	DN	H mm	L mm	Weight g
890916	G1/8	13.5	13.5	12
890917	G1/4	17	17	20
890918	G3/8	20.5	17.5	23
890919	G1/2	25	21	51
890920	G3/4	31	22.5	68
890921	G1	38	26	109
890922	G1.1/4	47	29	175
890923	G1.1/2	53	29	210
890924	G2	66	33.5	350

HEXAGON HEAD PLUG



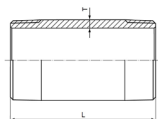
CODE	DN	H mm	L mm	Weight g
891017	R1/8	11	12	5
891018	R1/4	15	14.5	11
891019	R3/8	18	16	16
891020	R1/2	22	19.5	27
891021	R3/4	28	21	40
891022	R1	35	24	73
891023	R1.1/4	43.5	27	102
891024	R1.1/2	49.5	27	132
891025	R2	62	32	235

FULL SOCKET



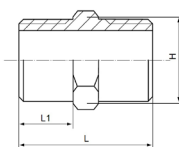
CODE	DN	L mm	Φ1 mm	Weight g
890936	G1/8	17	13	5
890937	G1/4	24	16.5	10
890938	G3/8	25	20	13
890939	G1/2	32	24.5	20
890940	G3/4	35	30	27
890941	G1	41	37.5	40
890942	G1.1/4	45	46.5	55
890943	G1.1/2	45	53	63
890944	G2	54	65.5	90

BARREL NIPPLE



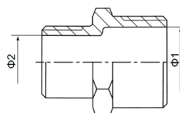
CODE	DN	L mm	T mm	Weight g
891086	R1/8	40	2	16
891087	R1/4	40	2.5	27
891088	R3/8	40	2.31	36
891089	R1/2	60	2.77	80
891090	R3/4	60	2.87	108
891091	R1	60	3.38	160
891092	R1.1/4	80	3.56	286
891093	R1.1/2	80	3.68	341
891094	R2	100	3.91	569

MALE TAPER NIPPLE



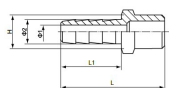
CODE	DN	H mm	L mm	L1 mm	Weight g
890926	R1/8	11	20	8	10
890927	R1/4	15	25	10.5	29
890928	R3/8	18	27	11	28
890929	R1/2	22	34	14.5	53
890930	R3/4	28	36.5	15.5	74
890931	R1	35	42	18	126
890932	R1.1/4	43.5	47.5	20.5	192
890933	R1.1/2	49.5		20.5	236
890934	R2	62	57	25	402

REDUCING NIPPLE



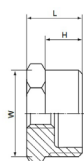
CODE	DN1	DN2	Φ1 mm	Φ2 mm	Weight g
891057	R1/4	R1/8	8	5.5	17
891058	R3/8	R1/4	11.5	8	27
891059	R1/2	R1/8	15	5.5	36
891060	R1/2	R1/4	15	8	41
891061	R1/2	R3/8	15	11.5	44
891062	R3/4	R1/4	20.5	8	58
891063	R3/4	R3/8	20.5	11.5	59
891064	R3/4	R1/2	20.5	15	78
891065	R1	R1/4	26	8	176
891066	R1	R3/8	26	11.5	120
891067	R1	R1/2	26	15	112
891068	R1	R3/4	26	20.5	127
891069	R1.1/4	R1	34.5	26	173
891070	R1.1/2	R1	40	26	215
891071	R1.1/2	R1.1/4	40	34.5	223
891072	R2	R1.1/2	51	40	404

MALE HOSETAIL



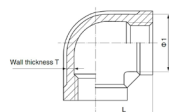
CODE	DN	H mm	L mm	L1 mm	Φ1 mm	Φ2 mm	Weight g
891047	R1/8	11	38	26	4	8	15
891048	R1/4	15	42.5	28	5	9	26
891049	R3/8	18	49	33	7	11.5	43
891050	R1/2	22	57.5	38	10.5	15	73
891051	R3/4	28	66	45	15	20	112
891052	R1	35	76	52	22	27	213
891053	R1.1/4	43.5	79	52	27.5	33	247
891054	R1.1/2	49.5	83	56	34	39.5	427
891055	R2	62	92	6	45	52	553

REDUCING BUSH



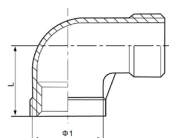
CODE	DN1	DN2	H mm	L mm	W mm	Weight g
890996	R1/4	G1/8	11.5	16	14	15
890997	R3/8	G1/8	12	16.5	18	21
890998	R3/8	G1/4	12	16.5	18	20
890999	R1/2	G1/4	14.5	20	22	30
891000	R1/2	G3/8	14.5	20	22	27
891001	R3/4	G1/4	15.5	21	27.5	55
891002	R3/4	G3/8	15.5	21	27.5	56
891003	R3/4	G1/2	15.5	21	27.5	43
891004	R1	G1/4	17.5	24	34.5	93
891005	R1	G3/8	17.5	24	34.5	115
891006	R1	G1/2	17.5	24	34.5	96
891007	R1	G3/4	17.5	24	34.5	73
891008	R1.1/4	G3/4	20	27	43	155
891009	R1.1/4	G1	20	27	43	114
891010	R1.1/2	G1	20.5	28.5	49	188
891011	R1.1/2	G1.1/4	20.5	28.5	49	135
891012	R2	G3/4	27	32	61	300
891013	R2	G1	27	32	61	311
891014	R2	G1.1/4	27	32	61	322
891015	R2	G1.1/2	27	32	61	284

90° FEMALE ELBOW



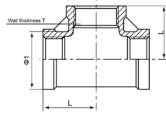
CODE	DN	L mm	Φ1 mm	T mm	Weight g
890946	G1/8	17	13	2.5	23
890947	G1/4	19	16	2.5	37
890948	G3/8	23	20	2.8	58
890949	G1/2	27	24.5	1.65	70
890950	G3/4	32	30	1.75	106
890951	G1	38	37.5	2	182
890952	G1.1/4	45	46.5	2.25	276
890953	G1.1/2	48	53	2.5	380
890954	G2	57	65.5	2.85	604

90° MALE/FEMALE ELBOW



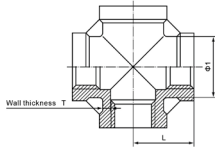
CODE	DN1	DN2	L mm	Φ1 mm	Weight g
891027	G1/8	R1/8	17	13	19
891028	G1/4	R1/4	19	16	32
891029	G3/8	R3/8	23	20	49
891030	G1/2	R1/2	27	24.5	68
891031	G3/4	R3/4	32	30	103
891032	G1	R1	38	37.5	170
891033	G1.1/4	R1.1/4	45	46.5	281
891034	G1.1/2	R1.1/2	48	53	363
891035	G2	R2	57	65.5	634

EQUAL TEE



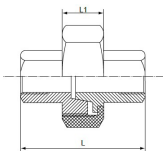
CODE	DN	L mm	Φ1 mm	T mm	Weight g
890956	G1/8	17	13	2.5	32
890957	G1/4	19	16	2.5	50
890958	G3/8	23	20	2.8	79
890959	G1/2	27	24.5	1.65	98
890960	G3/4	32	30	1.75	145
890961	G1	38	37.5	2	235
890962	G1.1/4	45	46.5	2.25	370
890963	G1.1/2	48	53	2.5	478
890964	G2	57	65.5	2.85	771

EQUAL CROSS



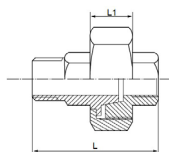
CODE	DN	L mm	Φ1 mm	T mm	Weight g
890966	G1/8	17	13	2.5	38
890967	G1/4	19	16	2.5	59
890968	G3/8	23	20	2.8	90
890969	G1/2	27	24.5	1.65	121
890970	G3/4	32	30	1.75	164
890971	G1	38	37.5	2	300
890972	G1.1/4	45	46.5	2.25	495
890973	G1.1/2	48	53	2.5	585
890974	G2	57	65.5	2.85	970

CONE SEAT UNION FEMALE/FEMALE



CODE	DN	L mm	Φ1 mm	Weight g
890976	G1/8	30	13	65
890977	G1/4	33.5	13.5	91
890978	G3/8	36.5	15	130
890979	G1/2	39.5	16	179
890980	G3/4	42.5	17	277
890981	G1	50	20	357
890982	G1.1/4	54	22	595
890983	G1.1/2	58	24	683
890984	G2	65	27	1078

CONE SEAT UNION MALE/FEMALE



CODE	DN	DN	L mm	Weight g
890986	G1/8	38	13	66
890987	G1/4	44	13.5	98
890988	G3/8	47.5	15	139
890989	G1/2	54	16	211
890990	G3/4	58	17	303
890991	G1	68	20	406
890992	G1.1/4	74.5	22	627
890993	G1.1/2	78.5	24	796
890994	G2	90	27	1199

