



# GRAND STRUT SUPPORT SYSTEM CATALOG

南京长江实业

**GRAND XINFENG TECH CO., LTD**  
**A MEMBER OF GRAND INDUSTRIES**

# GRAND STRUT SUPPORT SYSTEM

## INDEX



GENERAL INFORMATION	-----3-6
GDS 100 ●41X22 MM CHANNEL	-----7
GDS 200 ●41X41 MM CHANNEL	-----8
GDS 300 ●41X62 MM CHANNEL	-----9
GDS 400 ●41X82 MM CHANNEL	---10
CANTILEVER ARM	-----11
CHANNEL NUT	-----12
WASHER	-----13
PLATE FITTING	-----13-14
90° FITTING	-----14-15
ANGULAR FITTING	-----16
U FITTING	-----17
POST BASE	-----18-19

# **MATERIAL SPECIFICATIONS and GENERAL INFORMATION**

**General** – Grand Strut Channels are manufactured by 2.5MM hot rolled strip steel.

**Material** – Plain Hot Roll steel—EN10025

Pre -Galvanized steel ( 120g/m<sup>2</sup> thick zink layer) ISO 3575:2025

Pre -Galvanized steel ( 275g/m<sup>2</sup> thick zink layer) ISO 3575:2025

**Standard length** - 3M &5.8M; other lengths are also available upon request

**Length tolerance** -  $\pm 2\text{mm}$

**Welding** - Channel combinations are made by spot welding. Spot weld spacing 70mm from center to center

**Finish** - Pre - galvanized (PG30)(using steel with G30 thick zinck layer)

Pre - galvanized(PG90)(using steel with G90 thick zinc layer )

Post Hot dipped Galvanized (HDG)— GB/T 13912-2020

Epoxy powder coating(PC)—GB/T 27809-2011, customized colors are available on request

**Beam loads** about the X-X axis given are based on a simple beam condition using allowable stress of 178MPa with lateral bracing.

**Allowable loads** derived from ultimate loads divided by 1.5( safety factor) .

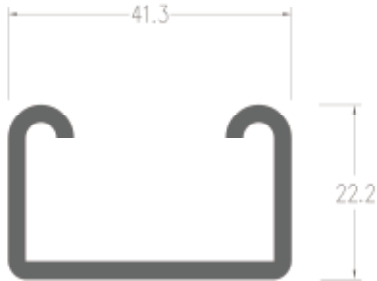
To obtain values for concentrated loads from multiply uniform load by 0.5 and deflection by 0.8.

**Maximum Column Loading:** Load shown is total allowable axial load.

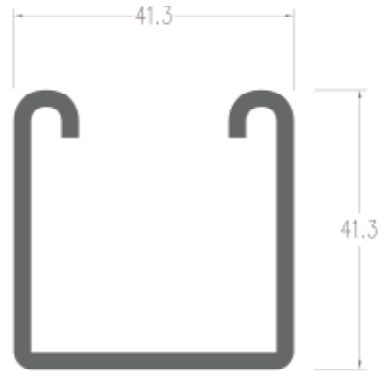
# GRAND STRUT



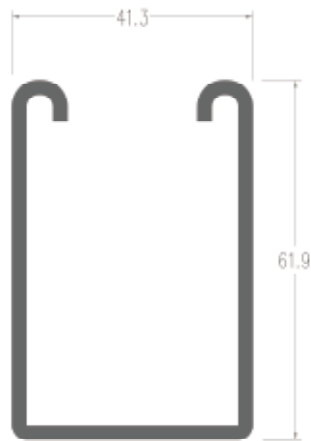
## Channel Type



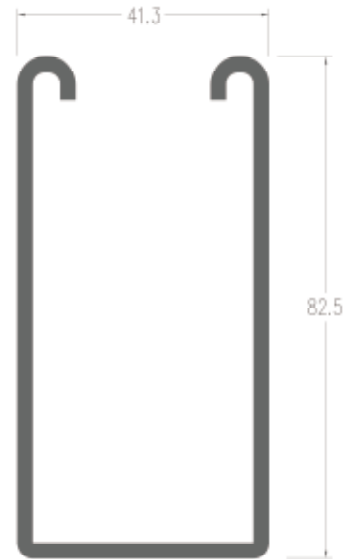
GDS-100  
41.3X22.2X2.5MM



GDS-200  
41.3X41.3X2.5MM

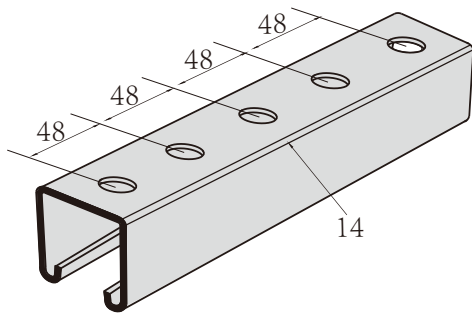


GDS-300  
41.3X61.9X2.5MM

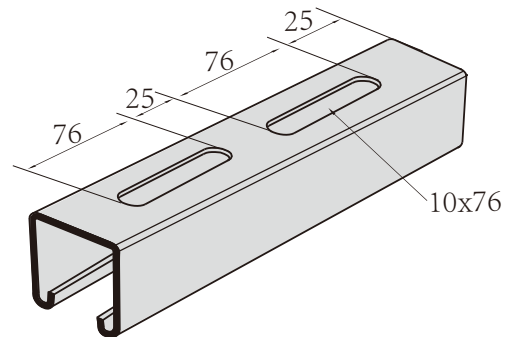


GDS-400  
41.3X82.5X2.5MM

## Hole Pattern

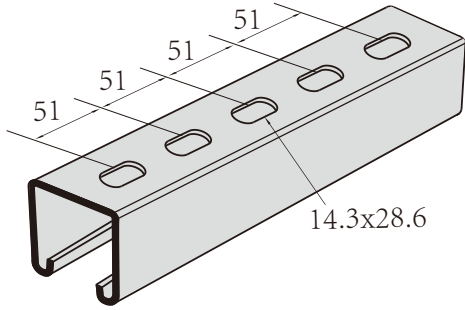


DIA 14.3MM HOLES 48MM ON CENTER  
SUFFIX = RH

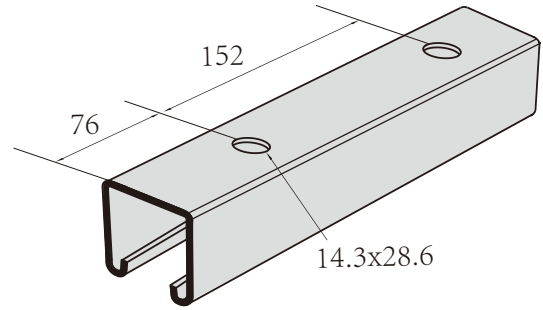


10X76MM SLOTS ON 101MM CENTER  
SUFFIX = LS

# GRAND STRUT

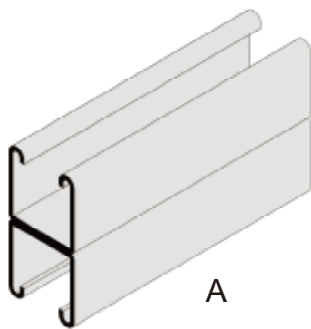


14.3X28.6MM SLOTS ON 51MM CENTER  
SUFFIX = ST

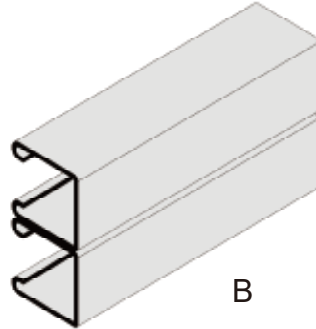


DIA 22MM KNOCKOUTS ON 152MM CENTER  
SUFFIX = KO

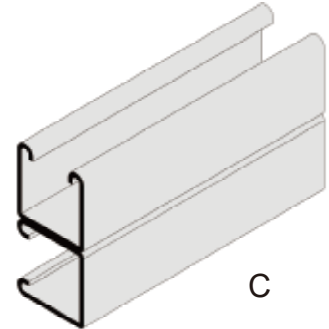
## Channel Combination



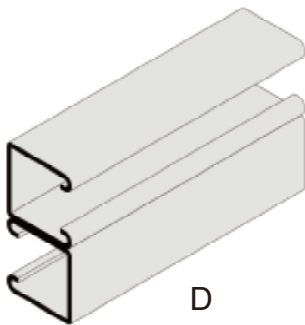
A



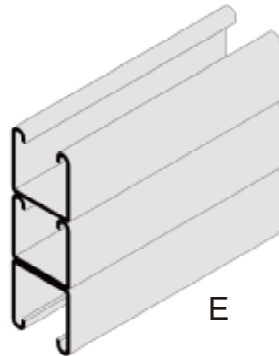
B



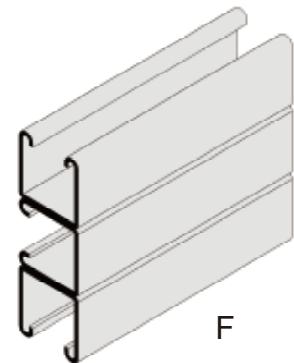
C



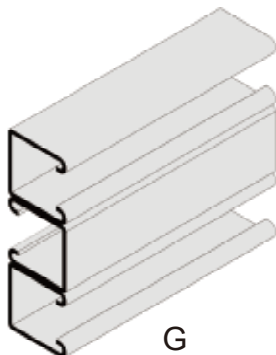
D



E

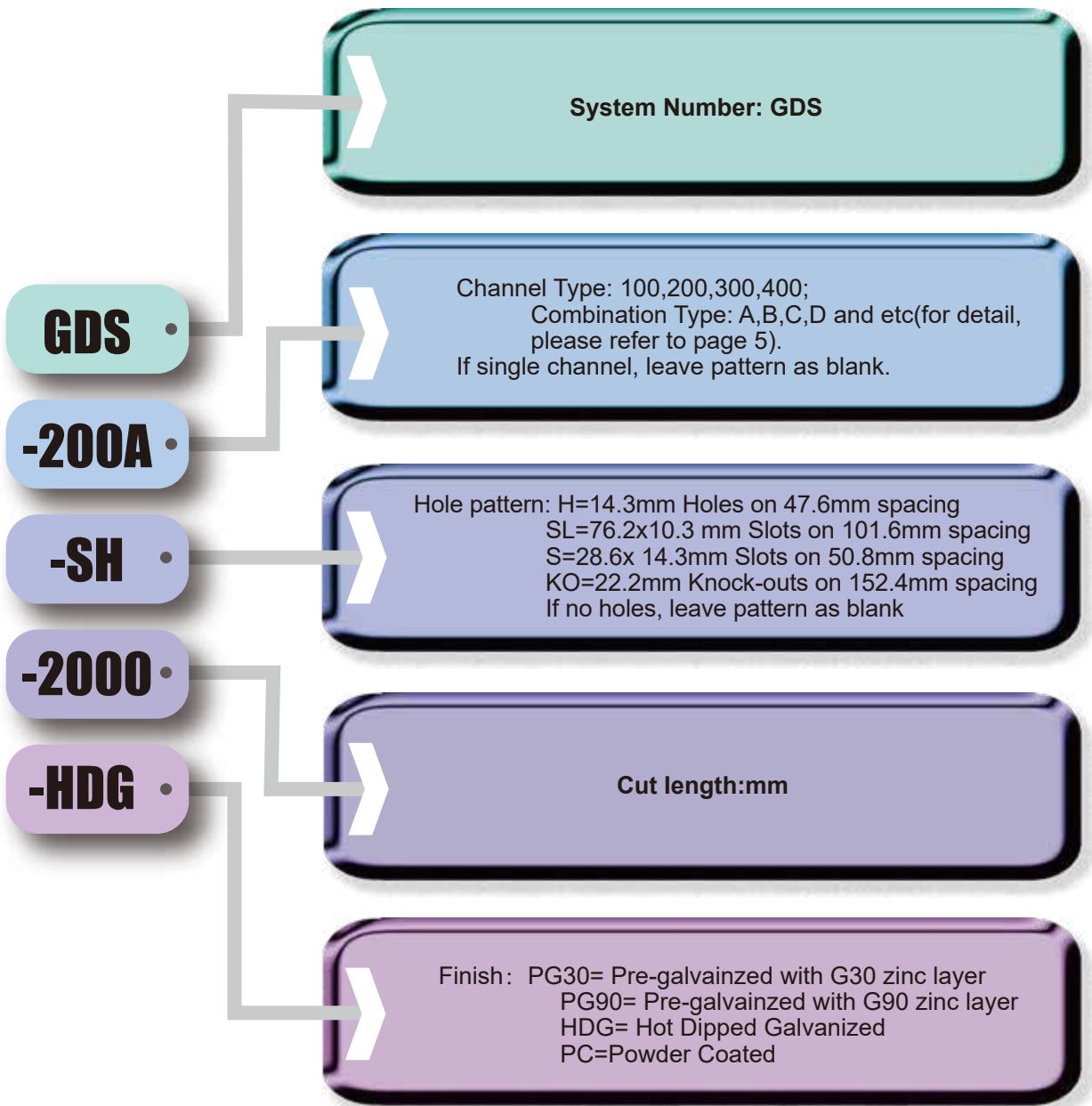


F

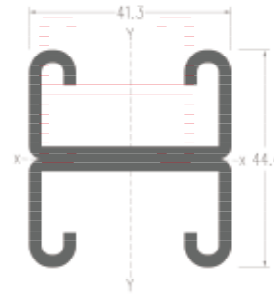
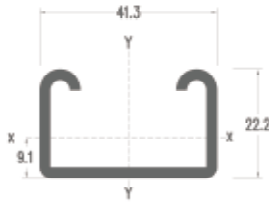


G

# CHANNEL PART NUMBERING EXAMPLE



# GDS-100 CHANNEL



MATERIAL YIELD STRENGTH: 235MPA  
 THICKNESS: 2.5MM  
 FINISH AVAILABLE: PG30, PG90, HDG, EZG, PC

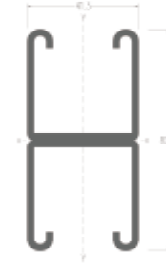
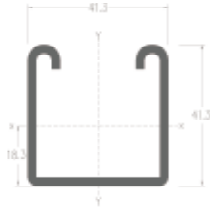
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA (X-X AXIS)	SECTION MODULUS (X-X AXIS)	RADIUS OF GYRATION (X-X AXIS)	MOMENT OF INERTIA (Y-Y AXIS)	SECTION MODULUS (Y-Y AXIS)	RADIUS OF GYRATION (Y-Y AXIS)
	kg/m	mm <sup>2</sup>	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>3</sup>	r mm	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>3</sup>	r mm
GDS-100	1.86	237	0.014	1.103	7.8	0.056	2.688	15.3
GDS-100A	3.72	474	0.069	3.096	12	0.111	5.376	15.3

## LOADING DATA

BEAM SPAN OR COLUMN HT.		CHANNEL TYPE	UNIFORM LOAD		UNIFORM LOAD @ DEFLECTION=1/240 SPAN		MAXIMUM COLUMN LOA @C.G. K=0.8	
in	mm		lbs	kN	lbs	kN	lbs	kN
24	610	GDS-100	630	2.80	630	2.80	7438	33.1
24	610	GDS-100A	1501	6.68	1501	6.68	16326	72.65
36	914	GDS-100	433	1.93	270	1.2	5394	24
36	914	GDS-100A	1167	5.19	1167	5.19	14839	66.03
48	1219	GDS-100	340	1.51	172	0.77	3400	15.13
48	1219	GDS-100A	874	3.89	762	3.39	13721	61.06
60	1524	GDS-100	258	1.15	118	0.53	2543	11.32
60	1524	GDS-100A	692	3.08	488	2.17	10540	46.9
72	1829	GDS-100	231	1.03	70	0.31	1792	7.97
72	1829	GDS-100A	588	2.62	343	1.53	7630	33.95
84	2134	GDS-100	193	0.86	67	0.3	**	**
84	2134	GDS-100A	480	2.14	251	1.12	5892	26.22
96	2438	GDS-100	155	0.69	40	0.18	**	**
96	2438	GDS-100A	445	1.98	192	0.85	3945	17.56
108	2743	GDS-100	141	0.63	35	0.16	**	**
108	2743	GDS-100A	385	1.71	153	0.68	**	**
120	3048	GDS-100	132	0.59	28	0.12	**	**
120	3048	GDS-100A	337	1.50	127	0.57	**	**

\*Load limited by spot weld shear  
 \*\*KL/r > 200

# GDS-100 CHANNEL



MATERIAL YIELD STRENGTH: 235MPA  
 THICKNESS: 2.5MM  
 FINISH AVAILABLE: PG30, PG90, HDG, EZG, PC

PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA (X-X AXIS)	SECTION MODULUS (X-X AXIS)	RADIUS OF GYRATION (X-X AXIS)	MOMENT OF INERTIA (Y-Y AXIS)	SECTION MODULUS (Y-Y AXIS)	RADIUS OF GYRATION (Y-Y AXIS)
	kg/m	mm <sup>2</sup>	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>3</sup>	r mm	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>4</sup>	r mm
GDS-200	2.61	332	0.071	3.09	14.6	0.092	4.431	16.6
GDS-200A	5.22	664	0.363	8.798	23.9	0.183	8.862	16.6

## LOADING DATA

BEAM SPAN OR COLUMN HT.		CHANNEL TYPE	UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION= 1/240 SPAN		MAXIMUM COLUMN LOAD @C.G. K=0.8	
in	mm		lbs	kN	lbs	kN	lbs	kN
24	610	GDS-200	1691	7.52	1691	7.52	9805	43.63
24	610	GDS-200A	2705*	12.04	2705*	12.04	22989	102.3
36	914	GDS-200	1146	5.10	1146	5.10	8824	39.27
36	914	GDS-200A	2705*	12.04	2705*	12.04	21198	94.33
48	1219	GDS-200	851	3.79	780	3.47	6107	27.18
48	1219	GDS-200A	2396	10.66	2396	10.66	19815	88.18
60	1524	GDS-200	681	3.03	475	2.11	4730	21.05
60	1524	GDS-200A	1916	8.53	1916	8.53	18615	82.84
72	1829	GDS-200	570	2.54	305	1.36	3794	16.88
72	1829	GDS-200A	1601	7.12	1601	7.12	16460	73.25
84	2134	GDS-200	485	2.16	252	1.12	3248	14.45
84	2134	GDS-200A	1371	6.10	1285	5.72	14134	62.9
96	2438	GDS-200	430	1.91	186	0.83	2705	12.04
96	2438	GDS-200A	1201	5.34	964	4.29	11256	50.09
108	2743	GDS-200	378	1.68	168	0.75	2397	10.67
108	2743	GDS-200A	1061	4.72	784	3.49	9430	41.96
120	3048	GDS-200	356	1.58	133	0.59	2100	9.35
120	3048	GDS-200A	958	4.26	632	2.81	7481	33.29

\*Load limited by spot weld shear

\*\*KL/r > 200

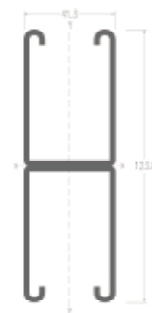
CHANNEL 4-10

CANTILEVER ARM 11

CHANNEL NUT 12

FITTING 13-19

# GDS-300 CHANNEL



MATERIAL YIELD STRENGTH: 235MPA  
 THICKNESS:2.5MM  
 FINISH AVAILABLE: PG30, PG90, HDG,EZG,PC

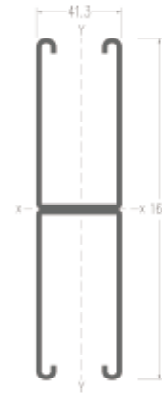
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA (X-X AXIS)	SECTION MODULUS (X-X AXIS)	RADIUS OF GYRATION (X-X AXIS)	MOMENT OF INERTIA (Y-Y AXIS)	SECTION MODULUS (Y-Y AXIS)	RADIUS OF GYRATION (Y-Y AXIS)
	kg/m	mm <sup>3</sup>	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>3</sup>	r mm	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>3</sup>	r mm
GDS-300	3.42	435	0.201	5.97	21.5	0.13	6.311	17.3
GDS-300A	6.84	871	1.095	17.694	35.5	0.261	12.622	17.3

## LOADING DATA

BEAM SPAN OR COLUMN HT.		CHANNEL TYPE	UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION= 1/240 SPAN		MAXIMUM COLUMN LOAD @C.G. K=0.8	
in	mm		lbs	kN	lbs	kN	lbs	kN
24	610	GDS-300	4010	17.84	4010	17.84	11240	50.02
24	610	GDS-300A	4213*	18.75	4213*	18.75	23889	106.31
36	914	GDS-300	2648	11.78	2648	11.78	9177	40.84
36	914	GDS-300A	4213*	18.75	4213*	18.75	21327	94.91
48	1219	GDS-300	1660	7.39	1660	7.39	6678	29.72
48	1219	GDS-300A	3980	17.71	3980	17.71	20456	91.03
60	1524	GDS-300	1335	5.94	1335	5.94	4680	20.83
60	1524	GDS-300A	3852	17.14	3852	17.14	19532	86.92
72	1829	GDS-300	1100	4.9	956	4.25	3574	15.9
72	1829	GDS-300A	3273	14.56	3273	14.56	18239	81.16
84	2134	GDS-300	945	4.21	733	3.26	3086	13.73
84	2134	GDS-300A	2688	11.96	2688	11.96	17554	78.12
96	2438	GDS-300	821	3.65	535	2.38	2611	11.62
96	2438	GDS-300A	2409	10.72	2409	10.72	15695	69.84
108	2743	GDS-300	728	3.24	432	1.92	2283	10.16
108	2743	GDS-300A	2141	9.53	2141	9.53	13084	58.22
120	3048	GDS-300	661	2.94	353	1.57	2032	9.04
120	3048	GDS-300A	1927	8.58	1873	8.33	10988	48.9
240	6096	GDS-300	337	1.5	108	0.48	**	**
240	6096	GDS-300A	945	4.21	580	2.58	**	**

\*Load limited by spot weld shear  
 \*\*KL/r > 200

# GDS-400 CHANNEL



MATERIAL YIELD STRENGTH: 235MPA  
 THICKNESS: 2.5MM  
 FINISH AVAILABLE: PG30, PG90, HDG, EZG, PC

PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA (X-X AXIS)	SECTION MODULUS (X-X AXIS)	RADIUS OF GYRATION (X-X AXIS)	MOMENT OF INERTIA (Y-Y AXIS)	SECTION MODULUS (Y-Y AXIS)	RADIUS OF GYRATION (Y-Y AXIS)
	kg/m	mm <sup>2</sup>	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>3</sup>	r mm	I 10 <sup>6</sup> mm <sup>4</sup>	Z 10 <sup>3</sup> mm <sup>3</sup>	r mm
GDS-400	4.25	541	0.43	9.678	28.2	0.17	8.237	17.7
GDS-400A	8.32	1082	2.469	29.752	47.8	0.34	16.473	17.7

BEAM SPAN OR COLUMN HT.		CHANNEL TYPE	UNIFORM LOAD		UNIFORM LOAD @ DEFLECTION= 1/240 SPAN		MAXIMUM COLUMN LOAD @C.G. K=0.8	
in	mm		lbs	kN	lbs	kN	lbs	kN
24	610	GDS-400	5200	23.14	5200	23.14	7884	35.08
24	610	GDS-400A	5326*	23.70	5326*	23.70	17661	78.59
36	914	GDS-400	3494	15.55	3490	15.53	6580	29.28
36	914	GDS-400A	5326*	23.70	5326*	23.70	16595	73.85
48	1219	GDS-400	2620	11.66	2620	11.66	5863	26.09
48	1219	GDS-400A	5326*	23.70	5326*	23.70	15474	68.86
60	1524	GDS-400	2096	9.33	2096	9.33	4666	20.76
60	1524	GDS-400A	5498	24.47	5498	21.99	15504	68.99
72	1829	GDS-400	1747	7.77	1747	7.77	3699	16.46
72	1829	GDS-400A	5230	23.27	5230	22.53	15200	67.64
84	2134	GDS-400	1497	6.66	1488	6.62	2848	12.67
84	2134	GDS-400A	4559	20.29	4559	20.29	15498	68.97
96	2438	GDS-400	1310	5.83	1185	5.27	2316	10.31
96	2438	GDS-400A	3989	17.75	3989	17.75	13216	58.81
108	2743	GDS-400	1168	5.20	890	3.96	2070	9.21
108	2743	GDS-400A	3566	15.87	3566	15.87	12510	55.67
120	3048	GDS-400	1048	4.66	717	3.19	1851	8.24
120	3048	GDS-400A	3191	14.20	3191	14.20	11846	52.71
240	6096	GDS-400	555	2.47	182	0.81	**	**
240	6096	GDS-400A	1673	7.44	1015	4.52	**	**

\*Load limited by spot weld shear

\*\*KL/r > 200

CHANNEL 4-10

CANTILEVER ARM 11

CHANNEL NUT 12

FITTING 13-19

# CANTILEVER ARM

MATERIAL : S235 in accordance with EN10025

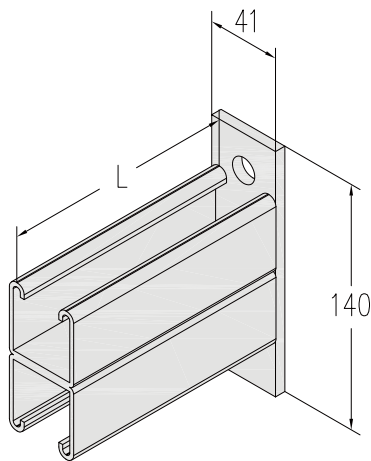
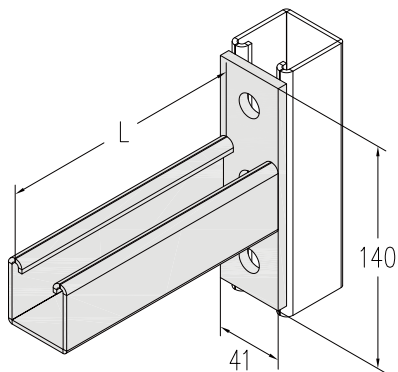
WELD: Mixed gas CO<sub>2</sub> shielded welding

APPLICATION:

- Ideal multi-pipe bracket support structure.
- Can be used as beams, to support air ducts, cables or cable trays.
- Strong and reliable wall-mounted bracket support equipment.

FINISH: HDG,EZG,PC

The members shown in the illustrations are GDS-200 channels, 41.3x41.3x2.5mm, except where noted otherwise. All 14mm diameter holes use M12 x 30mm hex head set screws and M12 nuts. Other lengths or other channels are also available upon request.



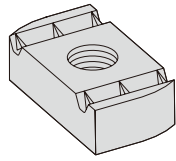
PART NO.	L(mm)	N.W./KGS
GRD-CA41-150	150	0.83
GRD-CA41-300	300	1.33
GRD-CA41-450	450	1.60
GRD-CA41-600	600	1.97
GRD-CA41-750	750	2.35
GRD-CA41-900	1000	2.99
GRD-CA41-1050	150	0.86
GRD-CA41-1200	300	1.25

PART NO.	L(mm)	N.W./KGS
GRD-CA41A-150	150	0.83
GRD-CA41A-300	300	1.33
GRD-CA41A-450	450	1.60
GRD-CA41A-600	600	1.97
GRD-CA41A-750	750	2.35
GRD-CA41A-900	1000	2.99
GRD-CA41A-1050	150	0.86
GRD-CA41A-1200	300	1.25

# CHANNEL NUT



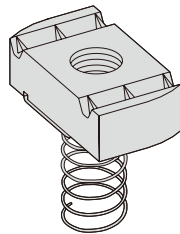
## PLAIN NUT (NO SPRING)



FINISH AVAILABLE: HDG,EZG,SS.DACROMET

PART NO.	THREAD	THICKNESS	TO SUIT	WEIGHT/g
GDS-NS-001	M6*1	6	ALL CHANNELS	29
GDS-NS-002	M8*1.25	9	ALL CHANNELS	35
GDS-NS-003	M10*1.5	9	ALL CHANNELS	35
GDS-NS-004	M12*1.75	11	ALL CHANNELS	42
GDS-NS-005	M12*1.75	12.7	ALL CHANNELS	49
GDS-NS-006	M16*2	11	ALL CHANNELS	42

Spring Nut

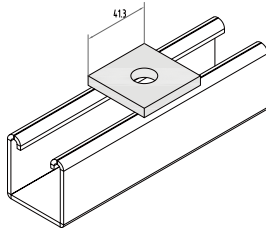


PART NO.	THREAD	THICKNESS	TO SUIT	WEIGHT/g
GDS-SN-001S	M6*1	6	GDS-100 channel	29
GDS-SN-001M	M6*1	6	GDS-200 channel	29
GDS-SN-001L	M6*1	6	GDS-300&GDS-400 channel	31
GDS-SN-002S	M8*1.25	9	GDS-100 channel	35
GDS-SN-002M	M8*1.25	9	GDS-200 channel	35
GDS-SN-002L	M8*1.25	9	GDS-300&GDS-400 channel	36
GDS-SN-003S	M10*1.5	9	GDS-100 channel	35
GDS-SN-003M	M10*1.5	9	GDS-200 channel	35
GDS-SN-003L	M10*1.5	9	GDS-300&GDS-400 channel	36
GDS-SN-004S	M12*1.75	11	GDS-100 channel	42
GDS-SN-004M	M12*1.75	11	GDS-200 channel	42
GDS-SN-004L	M12*1.75	11	GDS-300&GDS-400 channel	43
GDS-SN-005M	M12*1.75	12.7	GDS-200 channel	49
GDS-SN-005L	M12*1.75	12.7	GDS-300&GDS-400 channel	50
GDS-SN-006S	M16*2	11	GDS-100 channel	42
GDS-SN-006M	M16*2	11	GDS-200 channel	42
GDS-SN-006L	M16*2	11	GDS-300&GDS-400 channel	43

# FITTING



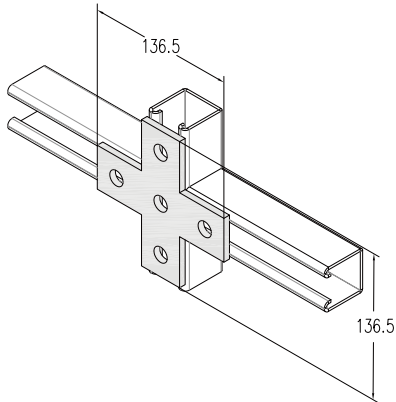
## WASHER



PART NO.	MATCHING BOLT	HOLE SIZE	WT/KG
GSD-WS-6	M6	8.7	0.077
GSD-WS-8	M8	8.7	0.077
GSD-WS-10	M10	11.1	0.076
GSD-WS-12	M12	14.3	0.074
GSD-WS-16	M16	17.5	0.071

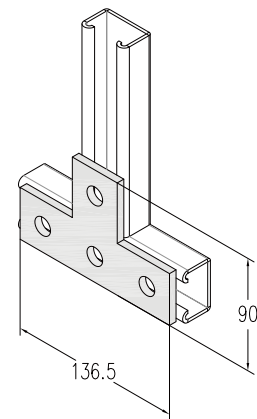
## PLATE FITTING

**GRD-1001**  
5 Hole Cross Connector



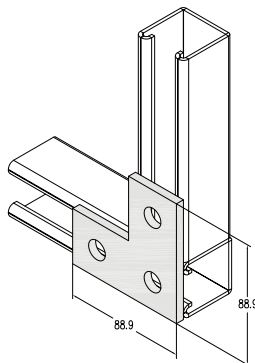
Weight/Pc:0.41kg  
Standard finish: HDG,EZG,PC

**GRD-1002**  
4 Hole Tee Connector



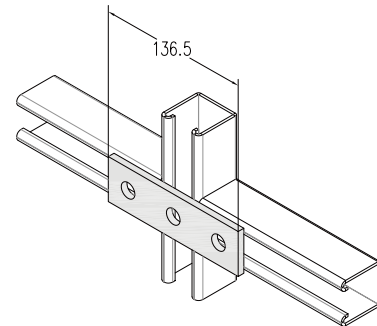
Weight/Pc:0.33kg  
Standard finish: HDG,EZG,PC

**GRD-1003**  
3 Hole L Connector



Weight/Pc:0.24kg  
Standard finish: HDG,EZG,PC

**GRD-1004**  
3 Hole Straight Connector



Weight/Pc:0.24kg  
Standard finish: HDG,EZG,PC

Unless otherwise specified, all dimensions are in mm and all holes are 14mm.  
Material used for fitting is 6mm thick mild steel.

# FITTING



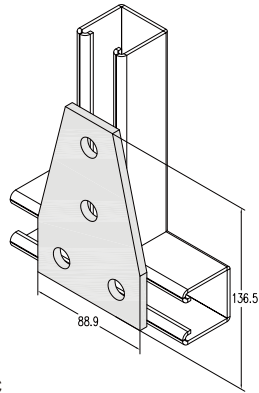
CHANNEL 4-10

CANTILEVER ARM 11

CHANNEL NUT 12

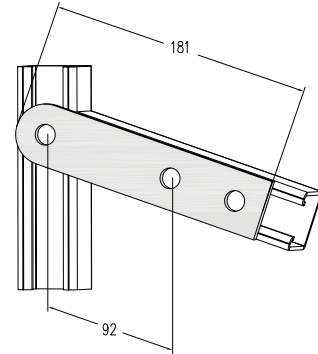
FITTING 13-19

**GRD-1005**  
3 Hole Straight Connector



Weight/Pc:0.43kg  
Standard finish: HDG,EZG,PC

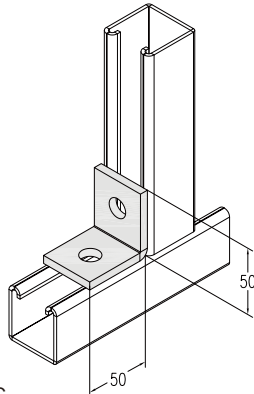
**GRD-1006**  
3 Hole Swivel Connector



Weight/Pc:0.32kg  
Standard finish: HDG,EZG,PC

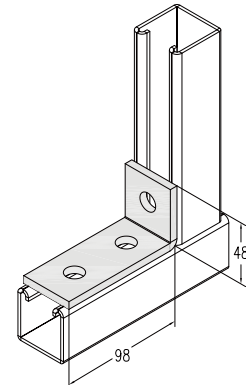
## 90 CONNECTOR

**GRD-1101**  
2 Hole Corner Angle



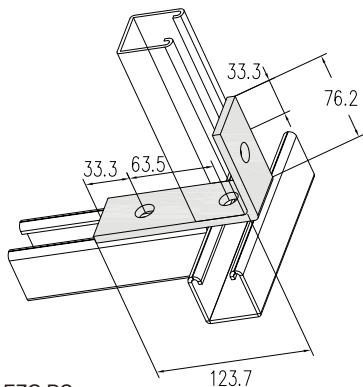
Weight/Pc:0.16kg  
Standard finish: HDG,EZG,PC

**GRD-1102**  
3 Hole Corner Angle



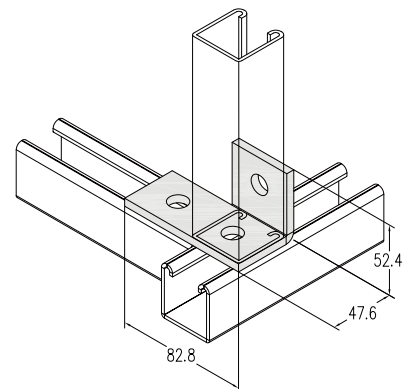
Weight/Pc:0.24kg  
Standard finish: HDG,EZG,PC

**GRD-1103**  
4 Hole Corner Angle



Weight/Pc:0.36kg  
Standard finish: HDG,EZG,PC

**GRD-1104**  
Offset Tee Angle



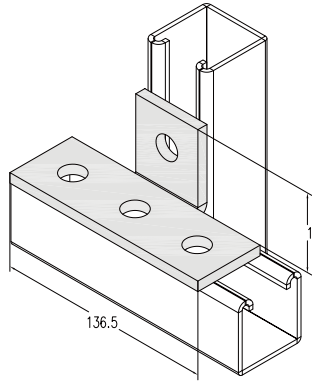
Weight/Pc:0.28kg  
Standard finish: HDG,EZG,PC

Unless otherwise specified, all dimensions are in mm and all holes are 14mm.  
Material used for fitting is 6mm thick mild steel.

# FITTING

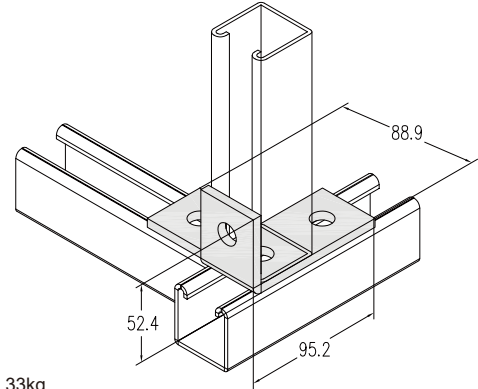


**RD-1105**  
4 Hole Bent Tee Angle



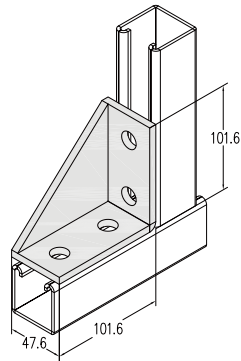
Weight/Pc: 0.33kg  
Standard finish: HDG, EZG, PC

**GRD-1106**  
4 Hole Offset Bent Tee Angle



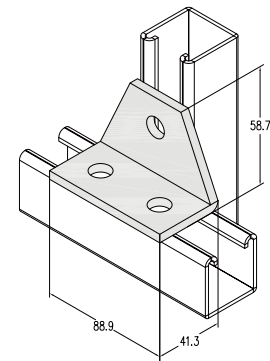
Weight/Pc: 0.33kg  
Standard finish: HDG, EZG, PC

**GRD-1107**  
Universal Corner



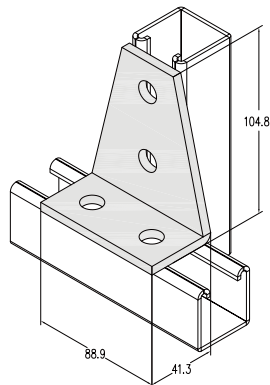
Weight/Pc: 0.53kg  
Standard finish: HDG, EZG, PC

**GRD-1108**  
3 Hole Shelf Angle



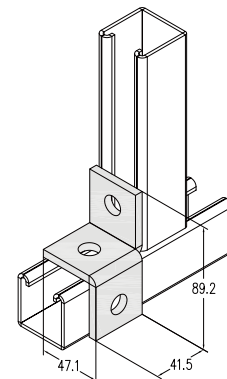
Weight/Pc: 0.33kg  
Standard finish: HDG, EZG, PC

**GRD-1109**  
4 Hole Shelf Angle



Weight/Pc: 0.46kg  
Standard finish: HDG, EZG, PC

**GRD-1110**  
3 Hole Bent Angle

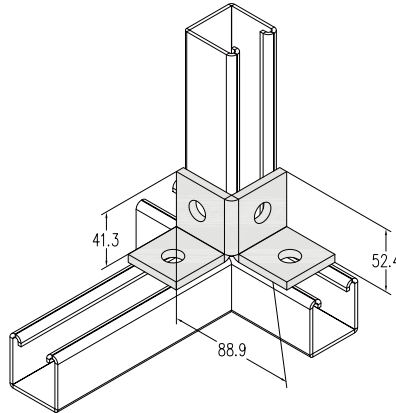


Weight/Pc: 0.24kg  
Standard finish: HDG, EZG, PC

Unless otherwise specified, all dimensions are in mm and all holes are 14mm.  
Material used for fitting is 6mm thick mild steel.



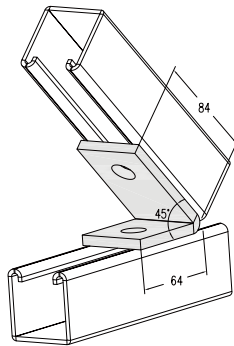
**GRD-1113**  
4 Hole Corner Connector



Weight/Pc: 0.32kg  
Standard finish: HDG, EZG, PC

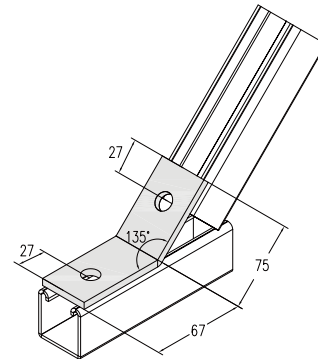
## ANGULAR FITTING

**GRD-1201**  
Hole Closed Angle



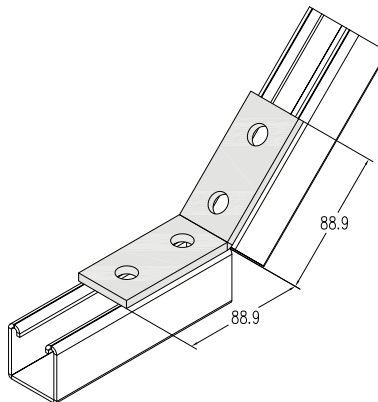
Weight/Pc: 0.23kg  
Standard finish: HDG, EZG, PC

**GRD-1202**  
2 Hole Open Angle



Weight/Pc: 0.25kg  
Standard finish: HDG, EZG, PC

**GRD-1203**  
4 Hole Open Angle



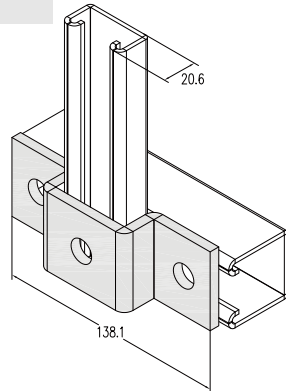
Weight/Pc: 0.31kg  
Standard finish: HDG, EZG, PC

Unless otherwise specified, all dimensions are in mm and all holes are 16mm.  
Material used for fitting is 6mm thick mild steel.



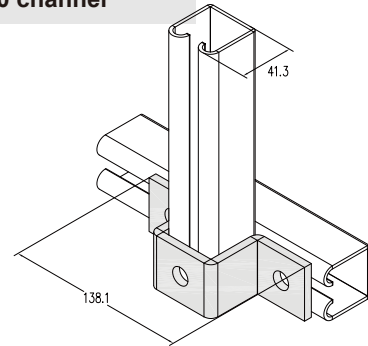
## U FITTING

**GRD-1301**  
3 Hole U support  
for GDS-100 channel



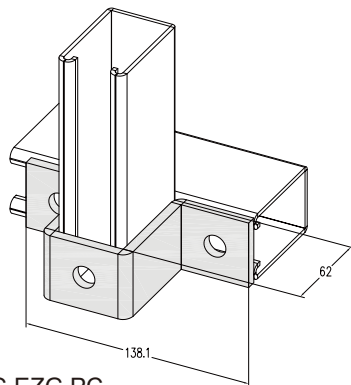
Weight/Pc:0.37kg  
Standard finish: HDG,EZG,PC

**GRD-1302**  
3 Hole U support  
for GDS-200 channel



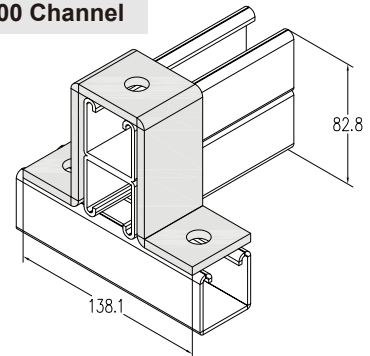
Weight/Pc:0.39kg  
Standard finish: HDG,EZG,PC

**GRD-1303**  
3 Hole U Support  
for GDS-300 channel



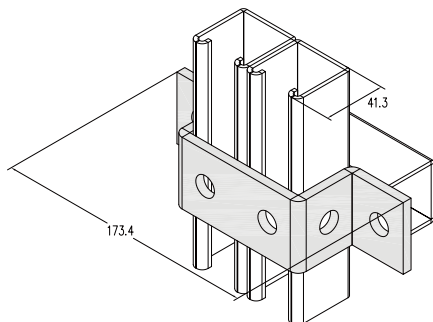
Weight/Pc:0.47kg  
Standard finish: HDG,EZG,PC

**GRD-1304**  
6 Hole U Support For  
GDS-200 Double  
Channel & GDS-400 Channel



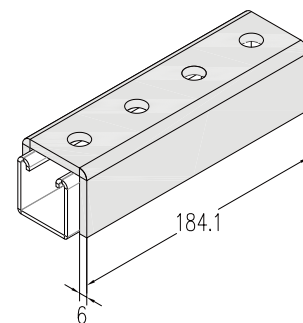
Weight/Pc:0.65kg  
Standard finish: HDG,EZG,PC

**GRD-1305**  
6 Hole U Support  
for GDS-200 Double Channel



Weight/Pc:0.52kg  
Standard finish: HDG,EZG,PC

**GRD-1306**  
4 Hole Splice for  
GDS-300 channel



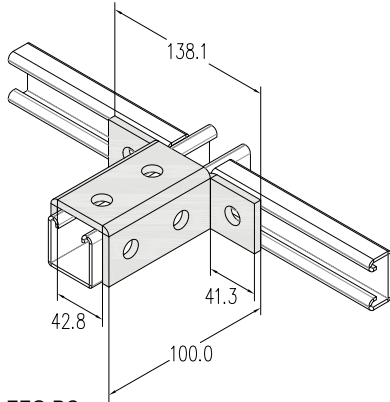
Weight/Pc:1.12kg  
Standard finish: HDG,EZG,PC

Unless otherwise specified, all dimensions are in mm and all holes are 14 14mm.  
Material used for fitting is 6mm thick mild steel.



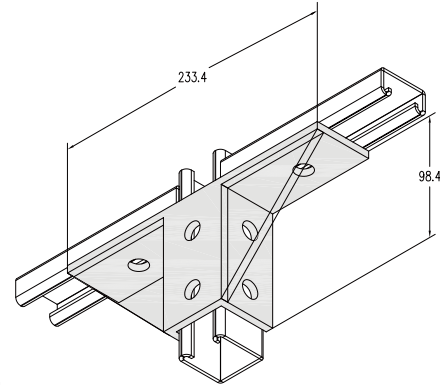
## WING FITTING

**GRD-1501**  
10 Hole Double Wing Connector



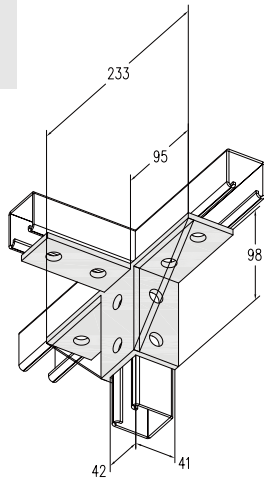
Weight/Pc: 0.73kg  
Standard finish: HDG,EZG,PC

**GRD-1503**  
10 Hole Double Wing Connector



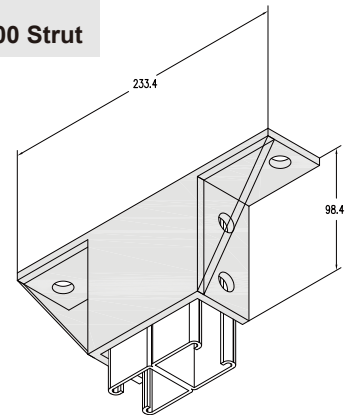
Weight/Pc: 1.37kg  
Standard finish: HDG,EZG,PC

**GRD-1504**  
12 Hole 3-Way Wing  
Gusset Connector



Weight/Pc: 1.51kg  
Standard finish: HDG,EZG,PC

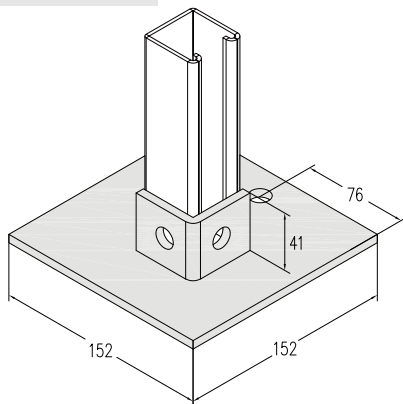
**GRD-1505**  
6 Hole 2-Way Wing  
Connector for GDS300 Strut



Weight/Pc: 1.39kg  
Standard finish: HDG,EZG,PC

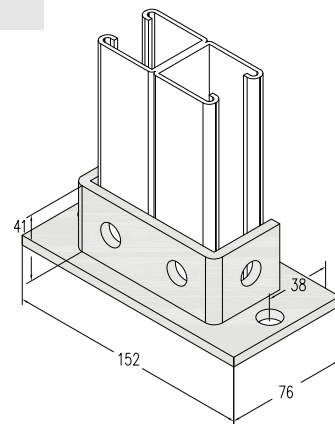
## POST BASE

**GRD-1601**  
3 Hole Post Base



Weight/Pc: 1.23kg  
Standard finish: HDG,EZG,PC

**GRD-1602**  
6 Hole Post Base



Weight/Pc: 0.85kg  
Standard finish: HDG,EZG,PC

Unless otherwise specified, all dimensions are in mm and all holes are 14mm.  
Material used for fitting is 6mm thick mild steel.

CHANNEL 4-10

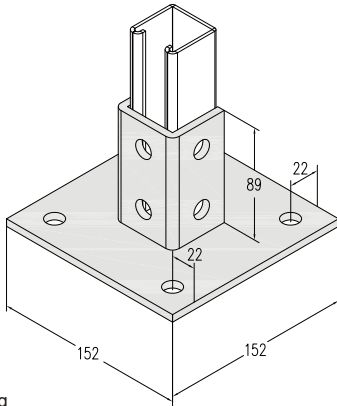
CANTILEVER ARM 11

CHANNEL NUT 12

FITTING 13-19

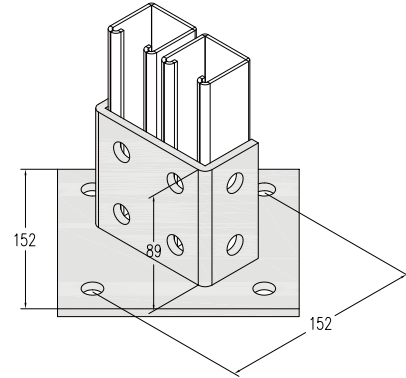


**GRD-1603**  
10 Hole Post Base



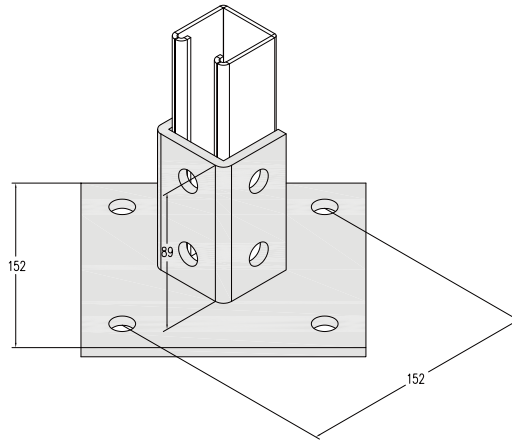
Weight/Pc: 1.57kg  
Standard finish: HDG, EZG, PC

**GRD-1604**  
12 Hole Post Base



Weight/Pc: 1.75kg  
Standard finish: HDG, EZG, PC

**GRD-1605**  
8 Hole Post Base



Weight/Pc: 1.57kg  
Standard finish: HDG, EZG, PC

CHANNEL 4-10

CANTILEVER ARM 11

CHANNEL NUT 12

FITTING 13-19

**GRAND STRUT**  
**Jiaxing,Zhejiang ,China**  
**Tel: 86-571-86944077 Fax: 86-571-86098563**  
**Email: sales@grandstrut.com**  
**Website: www.grandstrut.com**

**GRANDIND**

**GRAND XINFENG**

**GRAND DEYI**