



Weld-on Lifting Points





Weld-on Point
8-057

Classic Weld-on Point
8-0573

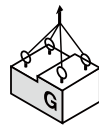
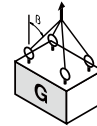
Weld-on Ring
8-082

Weld-on Hook
8-081

Excavator Hook
8-083

Super Weld-on Point
8-0575

Kind of attachment



Number of legs	1	2	1	2	2	2	2	3-4	3-4	3-4
Load direction	0°	0°	90°	90°	0-45°	45°- 60°	unsymm.	0 - 45°	45°- 60°	unsymm.
Item No.	WLL(t)									
8-0573-01	1.00	2.0	1.00	2.0	1.40	1.00	1.00	2.10	1.50	1.00
8-0573-03	3.00	6.0	3.00	6.0	4.20	3.00	3.00	6.30	4.50	3.00
8-0573-05	5.00	10.0	5.00	10.0	7.00	5.00	5.00	10.50	7.50	5.00
8-0573-08	8.00	16.0	8.00	16.0	11.20	8.00	8.00	16.80	12.00	8.00
8-0573-10	10.00	20.0	10.00	20.0	14.00	10.00	10.00	21.00	15.00	10.00
8-0573-20	20.00	40.0	20.00	40.0	28.00	20.00	20.00	42.00	30.00	20.00
8-0573-30	30.00	60.0	30.00	60.0	42.00	30.00	30.00	63.00	45.00	30.00
8-057-1T	1.00	2.0	1.00	2.0	1.40	1.00	1.00	2.10	1.50	1.00
8-057-3T	3.00	6.0	3.00	6.0	4.20	3.00	3.00	6.30	4.50	3.00
8-057-5T	5.00	10.0	5.00	10.0	7.00	5.00	5.00	10.50	7.50	5.00
8-057-8T	8.00	16.0	8.00	16.0	11.20	8.00	8.00	16.80	12.00	8.00
8-057-10T	10.00	20.0	10.00	20.0	14.00	10.00	10.00	21.00	15.00	10.00
8-082-04	4.00	8.0	4.00	8.0	5.60	4.00	4.00	8.40	6.00	4.00
8-082-06	6.700	13.4	6.700	13.4	9.40	6.70	6.70	14.10	10.10	6.70
8-082-10	10.00	20.0	10.00	20.0	14.00	10.00	10.00	21.00	15.00	10.00
8-082-16	16.00	32.0	16.00	32.0	22.40	16.00	16.00	33.60	24.00	16.00
8-082-30	31.50	63.0	31.50	63.0	44.10	31.50	31.50	66.20	47.30	31.50
8-083-0075	0.75	1.5	0.75	1.5	1.05	0.75	0.75	1.58	1.13	0.75
8-081-01/8-083-01	1.00	2.0	1.00	2.0	1.40	1.00	1.00	2.10	1.50	1.00
8-081-02/8-083-02	2.00	4.0	2.00	4.0	2.80	2.00	2.00	4.20	3.00	2.00
8-081-03/8-083-03	3.00	6.0	3.00	6.0	4.20	3.00	3.00	6.30	4.50	3.00
8-081-04/8-083-04	4.00	8.0	4.00	8.0	5.60	4.00	4.00	8.40	6.00	4.00
8-081-05/8-083-05	5.00	10.0	5.00	10.0	7.00	5.00	5.00	10.50	7.50	5.00
8-081-08/8-083-08	8.00	16.0	8.00	16.0	11.20	8.00	8.00	16.80	12.00	8.00
8-081-10/8-083-10	10.00	20.0	10.00	20.0	14.00	10.00	10.00	21.00	15.00	10.00
8-081-15/8-083-15	15.00	30.0	15.00	30.0	21.00	15.00	15.00	31.50	22.50	15.00
8-0575-015	1.50	3.0	1.50	3.0	2.10	1.50	1.50	3.20	2.30	1.50
8-0575-025	2.50	5.0	2.50	5.0	3.50	2.50	2.50	5.30	3.80	2.50
8-0575-040	4.00	8.0	4.00	8.0	5.60	4.00	4.00	8.40	6.00	4.00
8-0575-067	6.70	13.4	6.70	13.4	9.40	6.70	6.70	14.10	10.10	6.70
8-0575-100	10.00	20.0	10.00	20.0	14.00	10.00	10.00	21.00	15.00	10.00
8-0575-160	16.00	32.0	16.00	32.0	22.40	16.00	16.00	33.60	24.00	16.00





WELDING INSTRUCTIONS

The welding should only be carried out by qualified welder according to Standards, e.g. EN 287 or AWS.

Support material

- Material of the welding block is S355J2+N (1.0577+N, St 52-3N, B.S. 4360.50D, AISI 1019 etc.).
- Prior to welding, the contact areas must be free from impurities, oil, paint, rust, scale, etc., for example by grinding. If the surface is at all corroded, all rust must be completely removed from the weld area. Painted surface must be prepared in the same way.
- The steel support member must have a carbon content of no more than 0.40%.
- In ambient temperature of 10°C and below, pre-heating of the weld area prior to welding must be carried out.

Seam welding

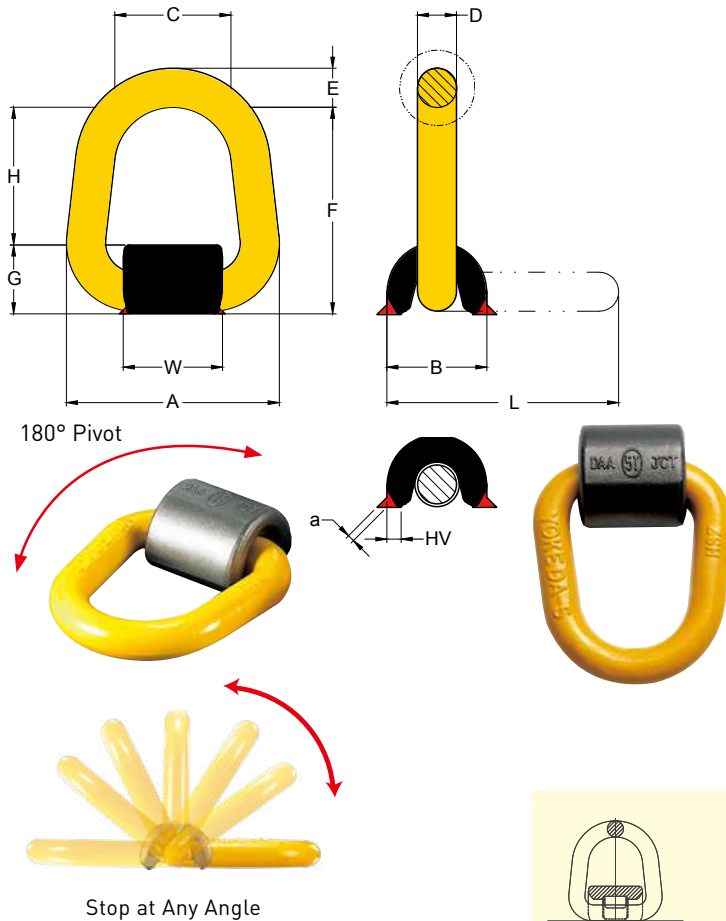
- The welds must be sufficiently strong to take the required loads.
- Before starting the final weld pass, clean well the root pass to avoid inclusions.
- The complete welding operation must be carried out continuously so that the parts do not have time to cool.
- Effects of temperature
 - The complete construction can be annealed stress release at <600°C without reduction of WLL.
 - Do not rapidly cool the weld.
- A thorough inspection of the weld should be performed. No cracks, pitting, inclusions, notches or undercuts are allowed. If doubt exists, use a suitable NDT method, such as magnetic particle or liquid penetrant to verify.
- If repair is required, grind out the defect and re-weld using the original qualified procedure.

Welding materials

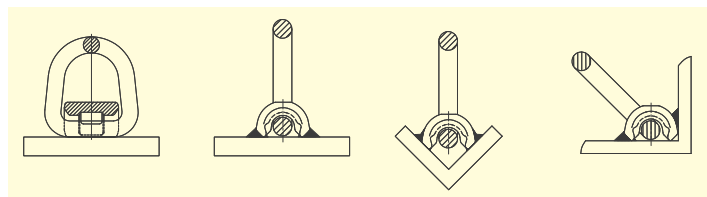
- Weld materials must have a minimum tensile strength of 70,000 PSI (such as AWS A5.1 E-7018), following the electrode manufacturer's recommendations. Reference information as below:

MIG arc welding:

- Wire diameter 0.8 - 1.2 as per DIN 8559-SG 3, AWS A 5.18.
- Important: do not weld in the open air during bad weather



- Pivots through 180°.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts are traceable to Test Certification.
- Proof tested to 2.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- WLL forged onto each product for quick and easy identification.
- Lugs designed to assist the welding process.
- A protected spring keeps the load ring in a required position. The parts are connected in such a way that they remain captive. The spring also reduces noise caused by vibrations.
- Never apply load except in the same direction with the pivot direction.



Weld-on Point

Designed with spring, stop at any angle

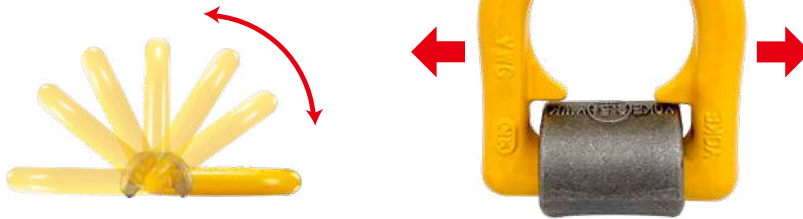
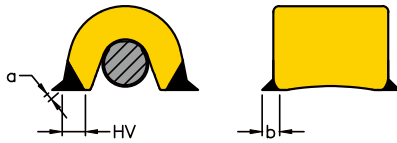
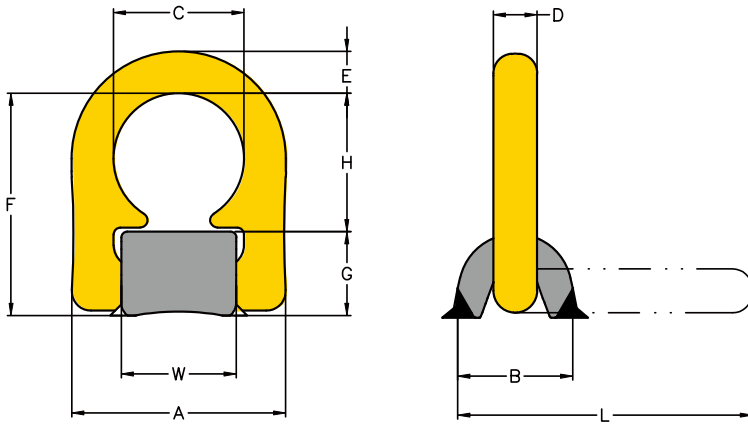
Metric (8-057)

Item No.	Working Load Limit	Dimensions (mm)											N.W.	
		tonnes	A	B	C	D	E	F	G	H	L	W		HV
8-057-1T	1.0	83	41	48	14	14	86	27	58	109	50	5	3	0.5
8-057-3T	3.0	98	48	58	17	17	85	31	54	114	58	6	3	0.9
8-057-5T	5.0	120	63	66	22	22	118	41	77	157	64	7	3	1.3
8-057-8T	8.0	121	73	68	26	26	122	53	69	169	60	10	4	2.6
8-057-10T	10.0	146	73	82	20	30	141	53	88	191	75	10	4	2.8

* Design factor 5:1

Item No.	Working Load Limit	Dimensions (inch)											N.W.	
		lbs	A	B	C	D	E	F	G	H	L	W		HV
8-057-1T	2200	3.27	1.61	1.89	0.55	0.55	3.39	1.06	2.28	4.29	1.97	0.20	0.12	1.1
8-057-3T	6600	3.86	1.89	2.28	0.67	0.67	3.35	1.22	2.13	4.49	2.28	0.24	0.12	2.0
8-057-5T	11000	4.72	2.48	2.60	0.87	0.87	4.65	1.61	3.03	6.18	2.52	0.28	0.12	2.9
8-057-8T	17600	4.76	2.87	2.68	1.02	1.02	4.80	2.09	2.72	6.65	2.36	0.39	0.16	5.7
8-057-10T	22000	5.75	2.87	3.23	0.79	1.18	5.55	2.09	3.46	7.52	2.95	0.39	0.16	6.2

* Design factor 5:1



- Load ring pivots 180°.
- Full Loading Capacity in all directions.
- Manufactured from forged alloy steel, quenched and tempered.
- Tested in accordance with EN1677-1.
- 100% magnaflux crack detected.
- Parts individually forged with batch code to ensure full traceability.
- The permitted WLL forged onto each product for quick and easy identification.
- Lugs designed to assist the welding process.
- A protected spring keeps the loading ring in the required position. The parts are connected in such a way that they remain captive. The spring also reduces noise caused by vibrations.

Super Weld-on Point

Metric (8-0575)

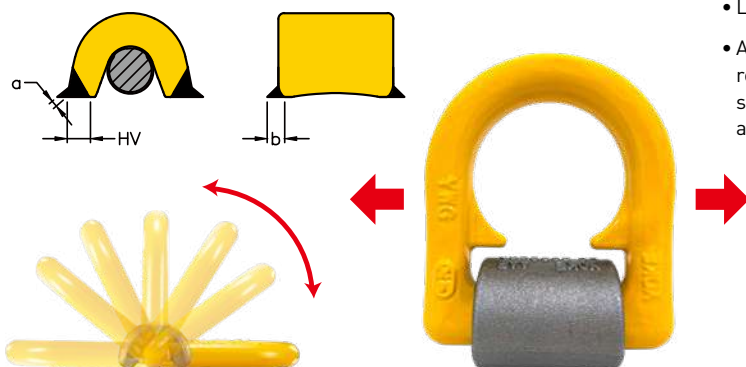
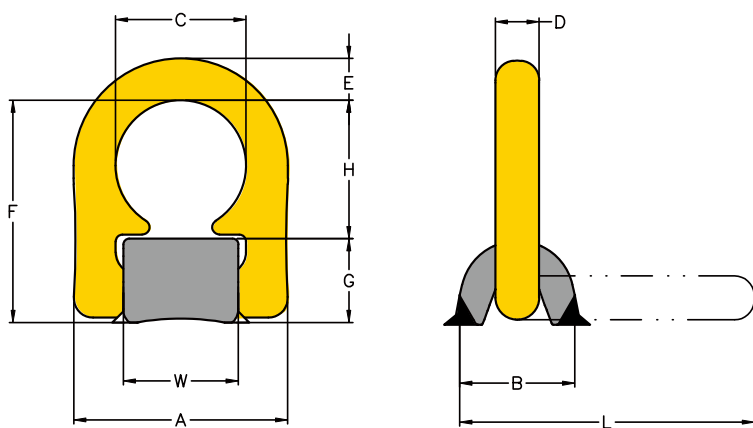
Item No.	Working Load Limit tonnes*	Dimensions (mm)										N.W.			
		A	B	C	D	E	F	G	H	L	W	HV	a	b	kg
8-0575-015	1.5	64	31	38	13	13	63	24	39	84	32	5	3	3	0.32
8-0575-025	2.5	74	39	45	16	15	75	28	47	98	39	8	3	3	0.49
8-0575-040	4.0	84	40	51	16	17	81	29	52	108	45	9	3	3	0.67
8-0575-067	6.7	110	60	67	23	22	115	43	72	152	59	12	4	4	1.71
8-0575-100	10.0	122	70	67	27	22	122	51	71	164	59	17	5	7	2.45
8-0575-160	16.0	180	92	100	26	32	172	66	106	228	89	25	6	8	6.33

*Design factor 4:1

Item No.	Working Load Limit lbs*	Dimensions (inch)										N.W.			
		A	B	C	D	E	F	G	H	L	W	HV	a	b	lbs
8-0575-015	3300	2.52	1.22	1.50	0.51	0.51	2.48	0.95	1.54	3.31	1.26	0.20	0.12	0.12	0.70
8-0575-025	5500	2.91	1.54	1.77	0.63	0.59	2.95	1.10	1.85	3.86	1.54	0.32	0.12	0.12	1.08
8-0575-040	8800	3.31	1.58	2.01	0.63	0.67	3.19	1.14	2.05	4.25	1.77	0.35	0.12	0.12	1.47
8-0575-067	14750	4.33	2.36	2.64	0.91	0.87	4.53	1.69	2.84	5.99	2.32	0.47	0.16	0.16	3.76
8-0575-100	22000	4.80	2.76	2.64	1.06	0.87	4.82	2.01	2.79	6.46	2.32	0.67	0.20	0.28	5.39
8-0575-160	35200	7.09	3.62	3.94	1.02	1.26	6.77	2.60	4.17	8.98	3.50	0.98	0.24	0.32	13.93

*Design factor 4:1





- Lashing ring pivots 180°
- Full Lashing Capacity in all directions.
- Manufactured from forged alloy steel, quenched and tempered.
- Tested in accordance with EN1677-1.
- 100% magnaflux crack detected.
- Parts individually forged with batch code to ensure full traceability.
- The permitted lashing capacity "LC" in daN forged onto each product for quick and easy identification.
- Lugs designed to assist the welding process.
- A protected spring keeps the lashing ring in the required position. The parts are connected in such a way that they remain captive. The spring also reduces noise caused by vibrations.

Lashing Weld-on Point

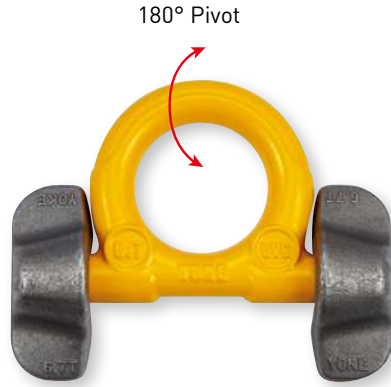
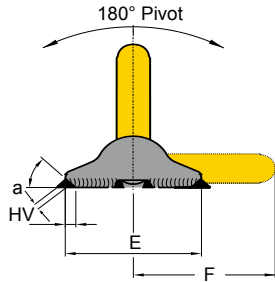
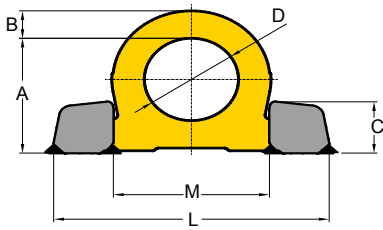
Metric (8-0576)

Item No.	Lashing Capacity	Dimensions (mm)										N.W.			
		daN	A	B	C	D	E	F	G	H	L		W	HV	a
8-0576-030	3000	64	31	38	13	13	63	24	39	84	32	5	3	3	0.32
8-0576-050	5000	74	39	45	16	15	75	28	47	98	39	8	3	3	0.49
8-0576-080	8000	84	40	51	16	17	81	29	52	108	45	9	3	3	0.67
8-0576-134	13400	110	60	67	23	22	115	43	72	152	59	12	4	4	1.71
8-0576-200	20000	122	70	67	27	22	122	51	71	164	59	17	5	7	2.45
8-0576-320	32000	180	92	100	26	32	172	66	106	228	89	25	6	8	6.33

*Design factor 2:1

Item No.	Lashing Capacity	Dimensions (inch)										N.W.			
		lbs	A	B	C	D	E	F	G	H	L		W	HV	a
8-0576-030	6600	2.52	1.22	1.50	0.51	0.51	2.48	0.95	1.54	3.31	1.26	0.20	0.12	0.12	0.70
8-0576-050	11000	2.91	1.54	1.77	0.63	0.59	2.95	1.10	1.85	3.86	1.54	0.32	0.12	0.12	1.08
8-0576-080	17600	3.31	1.58	2.01	0.63	0.67	3.19	1.14	2.05	4.25	1.77	0.35	0.12	0.12	1.47
8-0576-134	29500	4.33	2.36	2.64	0.91	0.87	4.53	1.69	2.84	5.99	2.32	0.47	0.16	0.16	3.76
8-0576-200	44000	4.80	2.76	2.64	1.06	0.87	4.82	2.01	2.79	6.46	2.32	0.67	0.20	0.28	5.39
8-0576-320	70400	7.09	3.62	3.94	1.02	1.26	6.77	2.60	4.17	8.98	3.50	0.98	0.24	0.32	13.93

*Design factor 2:1



- Pivots 180°, designed minimizes head room.
- Manufactured from forged alloy steel, quenched and tempered.
- Tested and certified by DGUV GS-0A-15-04.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts are traceable to Test Certification.
- Proof tested to 2.5 times the WLL.
- The two points of attachment facilitate an even and optimal force distribution into the work piece and thus, usage of thinner base plates is possible.
- The welding block is forged out of material with excellent welding properties.
- Low profile design with high strength.
- The ring is stowable thus avoiding the hazards of tripping and snagging.



Weld-on Ring

Metric (8-082)

Item No.	Working Load Limit tonnes	Dimensions (mm)										N.W. kg
		A	B	C	D	E	F	L	M	HV	a	
8-082-04	4.0	66	14	30	48	65	70	135	76	5	3	0.6
8-082-06	6.7	85	20	39	60	89	91	171	98	5	3	1.5
8-082-10	10.0	95	21	46	65	100	100	196	106	7	4	2.4
8-082-16	16.0	127	30	57	90	130	136	263	149	8	4	5.5
8-082-30	31.5	178	42	75	130	160	195	375	213	15	4	15.8

* Design factor 4:1

Item No.	Working Load Limit tonnes	Dimensions (inch)										N.W. lbs
		A	B	C	D	E	F	L	M	HV	a	
8-082-04	4.0	2.60	0.55	1.18	1.89	2.56	2.76	5.31	2.99	0.20	0.1	1.3
8-082-06	6.7	3.35	0.79	1.54	2.36	3.50	3.58	6.73	3.86	0.20	0.1	3.3
8-082-10	10.0	3.74	0.83	1.81	2.56	3.94	3.94	7.72	4.17	0.28	0.2	5.3
8-082-16	16.0	5.00	1.18	2.24	3.54	5.12	5.35	10.35	5.87	0.31	0.2	12.1
8-082-30	31.5	7.01	1.65	2.95	5.12	6.30	7.68	14.76	8.39	0.59	0.2	34.8

* Design factor 4:1

