



## YELLOW POINT SERIES LIFTING POINTS

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## ► Gr8+10 Swivel Lifting Point

360° swivel with 180° pivot function.

Hoist ring and bail are manufactured from quenched and tempered, forged alloy steel.

Test certificates supplied.

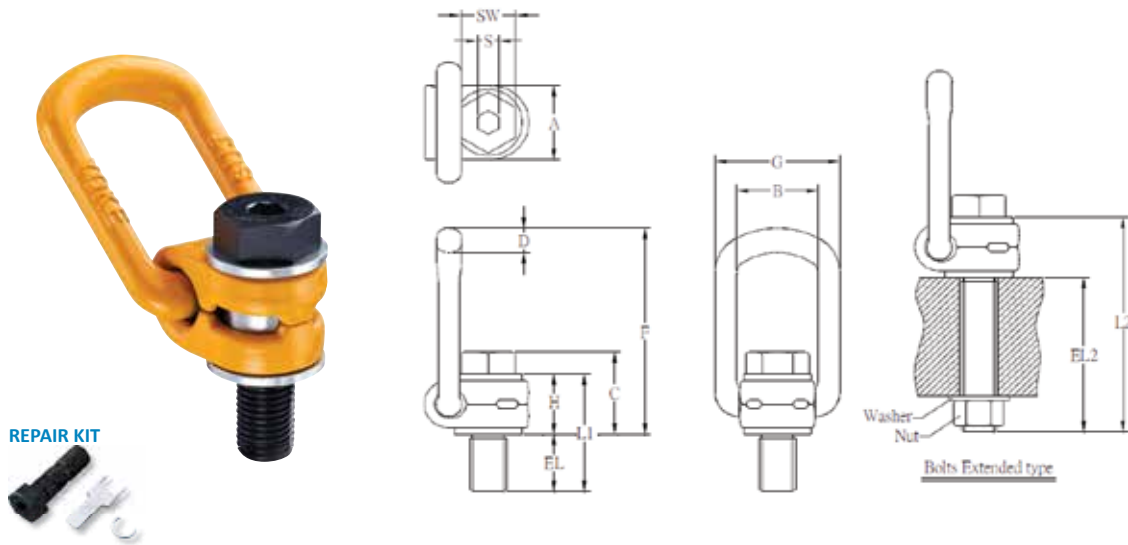
Rated at 100% at 90° angle.

Bolts are metric thread grade 10.9.

Standard and long bolt type available.

100% Magnaflux crack detection, 20,000 cycle fatigue tested.

**Applications:** Machinery and various lifting and lashing applications



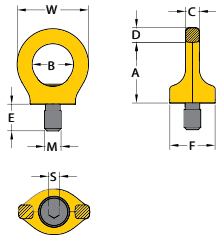
Description	Torque in Nm	B (mm)	EL (mm)	L1 (mm)	A (mm)	G (mm)	D (mm)	F (mm)	H (mm)	S (mm)	Mass (kg)	Part No.	Repair kit Part No.	L2 (mm)	EL2 (mm)	Part No.	Repair kit Part No.
<b>Standard Swivel Lifting Point</b>														<b>Elongated Swivel Lifting Point</b>			
M8 0.3t	30	35	11	45	30	55	10	85	35	6	0.2	41001	41017	105	76	41055	41068
M10 0.63t	60	35	16	50	30	55	10	85	36	8	0.3	41002	41020	125	96	41056	41069
M12 1.0t	100	37	18	60	33	57	13.5	98	44	8	0.5	41003	41021	150	114	41057	41070
M16 1.5t	150	37	24	60	33	57	13.5	98	46	10	0.5	41004	41022	185	149	41058	41071
M20 2.5t	250	54	30	80	50	82	16.5	140	57	12	1.3	41005	41023	230	186	41059	41072
M24 4.0t	400	54	36	85	50	82	16.5	140	59	14	1.4	41006	41024	265	221	41060	41073
M27 4.0t	400	65	38	110	60	99	22.5	170	79	17	2.8	41009	41084	-	-	-	-
M30 5.0t	500	65	48	115	60	99	22.5	170	81	17	3.1	41010	41028	340	278	41061	41074
M36 7.0t	700	65	54	125	60	99	22.5	178	88	22	3.3	41011	41041	-	-	-	-
M36 8.0t	800	85	62	140	77	124	26.5	225	101	22	5.8	41012	41042	300	222	41062	41075
M42 10.0t	1000	85	72	150	77	124	26.5	225	104	24	6.3	41013	41043	350	272	41065	41076
M42 15.0t	1500	104	63	150	95	158	36	261	117	24	10.9	41014	41044	350	264	41066	41078
M48 20.0t	2000	104	72	160	95	158	36	261	121	27	11.6	41015	41045	385	297	-	-

## ▶ Gr8 Eye Point

Designed by forged alloy steel, quenched and tempered.  
 360° rotation.  
 100% magnaflux crack detection.

Test certificates supplied.

**Applications:** Lifting and lashing applications



Bolt Size (mm)	WLL (tonnes)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Mass (kg)	Part No.
M12 X 1.75 X 28	0.75	42	30	10	13	18	33	0.2	47314
M16 X 2.00 X 30	1.5	51	35	14	13	24	35	0.3	47315
M24 X 3.00 X 48	3.2	70	48	19	21	36	52	0.9	47316
M30 X 3.50 X 55	4.5	86	60	24	26	45	62	1.7	47317

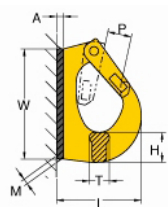
## ▶ Gr8 Weld-On Hook

For use as a spreader beam lifting attachment or for fixed anchor point. Allows for axial loading and positive locking with the safety latch.

Welding instructions supplied with each unit.

Test certificates supplied.

**Applications:** Spreader beams and excavator bucket lifting points



REPAIR KIT



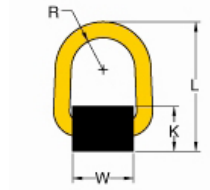
WLL (tonnes)	P (mm)	L (mm)	T (mm)	H (mm)	W (mm)	A (mm)	M (mm)	Mass (kg)	Part No.	Markings	Repair kit Part No.
1.0	18	70	18	27	95	7	4	0.6	40915Y	YX1	41029Y
2.0	25	85	20	30	115	8	5	1.0	40916Y	YX2	41034Y
3.0	28	107	23	30	133	9	6	1.4	40919Y	YX3	41031Y
4.0	28	114	30	38	142	10	7	2.0	40920Y	YX4	41032Y
5.0	30	135	31	47	167	12	7	3.0	40917Y	YX5	41035Y
8.0	32	137	39	52	176	12	8	3.8	40921Y	YX6	41033Y

## ► Gr8 Weld-On Lifting Point

Designed for use as a fixed anchor and/or lifting point.  
Welding instructions supplied with each unit.

Test certificates supplied.

**Applications:** Fixed anchor, lashing or lifting point



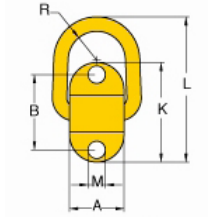
WLL (tonnes)	W (mm)	K (mm)	R (mm)	L (mm)	Mass (kg)	Part No.	Markings
1.0	50	38	24	105	0.5	42285	DAA - 1 tonne
3.0	58	48	29	112	0.8	42286	DAA - 3 tonne
5.0	64	61	33	154	1.8	42287	DAA - 5 tonne
8.0	61	73	34	169	2.6	42288	DAA - 8 tonne
10.0	75	73	41	191	3.1	42289	DAA - 10 tonne
15.0	91	93	50	234	6.5	42290	DAA - 15 tonne

## ► Gr8 Bolt-On Tie Down Point

Designed for use as a fixed anchor or lifting point. Supplied without bolt.

Test certificates supplied.

**Applications:** Fixed anchor, lashing or lifting point



WLL (tonnes)	A (mm)	B (mm)	R (mm)	M (mm)	K (mm)	L (mm)	Mass (kg)	Part No.	Markings
1.0	50	72	24	14	98	139	0.8	42277	DAB - 1 tonne
3.0	58	84	29	16	114	144	1.1	42278	DAB - 3 tonne
5.0	64	116	33	20	160	203	2.5	42279	DAB - 5 tonne

## ► Swivel Hoist Ring, with alloy steel washer

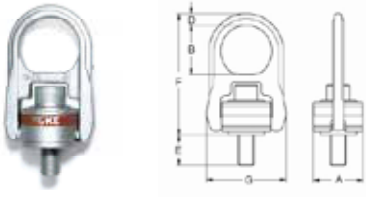
Designed for lifting heavy loads.

Hoist rings are 360° degrees swivel with 180° pivot function.

Rated at 100% at 90° angle.

100% magnaflux crack detection.

**Applications:** Lashing or lifting point.



WLL (tonnes)	Torque in Nm	E (mm)	A (mm)	B (mm)	D (mm)	F (mm)	G (mm)	Mass (kg)	Part No.
1.05	38	15.0	65	64	15	158	105	1.7	40994
1.90	81	20.0	65	64	15	158	105	1.8	40993
2.15	136	25.0	65	64	15	158	105	1.8	40995
4.20	312	26.0	85	79	19	204	134	4.2	40996
4.20	312	56.0	85	79	19	204	134	4.3	40991
7.00	637	81.0	100	100	25	241	160	6.7	40992
11.00	1005	76.0	120	111	30	286	194	15.5	40997
12.50	1005	95.0	120	111	30	286	220	16.5	40998

# Welding instructions

## ➤ Preperation

- Prior to welding, the contact areas must be free from impurities, oil, paint, rust, scale etc.
- If the surface is corroded, all rust must be completely removed from the weld area. Painted surfaces must be prepared in the same way.
- The carbon content of the steel support member must be less than 0.40%.
- In ambient temperatures of 10°C and below, pre-heating of the weld area prior to welding must be carried out.
- Important: Do not weld in the open air during bad weather.

## ➤ Welding material

- Weld material is to have a minimum tensile strength of 483MPa, following the electrode manufacturer's recommendations.
- 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.

## ➤ Seam welding

- The welds must be sufficiently strong to take the required loads.
- Before starting the final weld pass, clean 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.
- The complete construction can be annealed 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 the weld.
- If repair is required, grind out the defect and re-weld using the original qualified procedure.